

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018834.D
 Acq On : 18 Feb 2019 12:35
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/19/2019 10:03:01 AM

Quant Time: Feb 18 15:35:08 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	284723	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1240248	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	749782	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1754382	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1925056	20.00	ng	0.00
87) Perylene-d12	23.56	264	1823049	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1370715	78.88	ng	-0.01
7) Phenol-d6	6.88	99	2056735	84.02	ng	0.00
23) Nitrobenzene-d5	8.87	82	2207000	82.28	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	901773	83.44	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4427377	78.39	ng	-0.01
79) Terphenyl-d14	19.74	244	7980460	85.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	286290	37.826	ng	99
3) Pyridine	3.65	79	862530	41.779	ng	99
4) n-Nitrosodimethylamine	3.57	42	225272	42.893	ng	91
6) Aniline	7.05	93	1246655	41.563	ng	99
8) 2-Chlorophenol	7.27	128	784205	41.103	ng	98
9) Benzaldehyde	6.86	77	578911	44.600	ng	97
10) Phenol	6.90	94	1077094	41.816	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	819095	41.687	ng	99
12) 1,3-Dichlorobenzene	7.59	146	856339	39.917	ng	99
13) 1,4-Dichlorobenzene	7.74	146	872401	39.945	ng	99
14) 1,2-Dichlorobenzene	8.05	146	844232	40.242	ng	99
15) Benzyl Alcohol	7.96	79	842203	43.297	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	809725	42.578	ng	98
17) 2-Methylphenol	8.15	107	689903	42.082	ng	98
18) Hexachloroethane	8.77	117	316979	39.758	ng	98
19) n-Nitroso-di-n-propylamine	8.52	70	814012	42.946	ng	99
20) 3+4-Methylphenols	8.48	107	969691	42.834	ng	98
22) Acetophenone	8.53	105	1384920	40.662	ng	# 99
24) Nitrobenzene	8.92	77	1126777	40.470	ng	99
25) Isophorone	9.43	82	1773571	41.440	ng	100
26) 2-Nitrophenol	9.62	139	461366	41.610	ng	99
27) 2,4-Dimethylphenol	9.67	122	663044	40.943	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	1123109	40.581	ng	100
29) 2,4-Dichlorophenol	10.15	162	770738	41.449	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	843699	39.288	ng	99
31) Naphthalene	10.55	128	2397992	39.644	ng	99
32) Benzoic acid	9.83	122	486840	34.463	ng	93
33) 4-Chloroaniline	10.67	127	1126974	41.680	ng	100
34) Hexachlorobutadiene	10.81	225	475181	38.122	ng	99
35) Caprolactam	11.49	113	324033m	42.698	ng	
36) 4-Chloro-3-methylphenol	11.79	107	953882	42.547	ng	99
37) 2-Methylnaphthalene	12.16	142	1742890	40.925	ng	99
38) 1-Methylnaphthalene	12.38	142	1701718	40.863	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	916774	38.223	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018834.D
 Acq On : 18 Feb 2019 12:35
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/19/2019 10:03:01 AM

Quant Time: Feb 18 15:35:08 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	12.50	237	413581	33.727	nq	98
43) 2,4,6-Trichlorophenol	12.78	196	639447	40.273	nq	98
44) 2,4,5-Trichlorophenol	12.85	196	675031	40.561	nq	98
46) 1,1'-Biphenyl	13.19	154	2567261	39.778	nq	99
47) 2-Chloronaphthalene	13.23	162	1980034	39.720	nq	100
48) 2-Nitroaniline	13.45	65	724699	43.773	nq	99
49) Acenaphthylene	14.08	152	3033955	40.874	nq	99
50) Dimethylphthalate	13.82	163	2516353	40.270	nq	99
51) 2,6-Dinitrotoluene	13.95	165	563471	41.628	nq	100
52) Acenaphthene	14.42	154	1808970	39.745	nq	99
53) 3-Nitroaniline	14.29	138	623580	40.772	nq	98
54) 2,4-Dinitrophenol	14.49	184	317375	40.052	nq	100
55) Dibenzofuran	14.76	168	2999130	40.090	nq	99
56) 4-Nitrophenol	14.59	139	445568	36.495	nq	98
57) 2,4-Dinitrotoluene	14.74	165	800161	42.904	nq	99
58) Fluorene	15.41	166	2328880	40.692	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	603713	41.040	nq	98
60) Diethylphthalate	15.19	149	2623314	40.698	nq	99
61) 4-Chlorophenyl-phenylether	15.40	204	1273862	39.698	nq	98
62) 4-Nitroaniline	15.46	138	587853	39.206	nq	99
63) Azobenzene	15.70	77	2921709	42.275	nq	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	448052	36.375	nq	99
66) n-Nitrosodiphenylamine	15.63	169	2223769	40.120	nq	100
67) 4-Bromophenyl-phenylether	16.30	248	768573	39.138	nq	96
68) Hexachlorobenzene	16.40	284	890650	39.020	nq	98
69) Atrazine	16.58	200	692615	38.760	nq	99
70) Pentachlorophenol	16.75	266	601780	40.946	nq	100
71) Phenanthrene	17.15	178	3756330	39.841	nq	100
72) Anthracene	17.24	178	3740794	40.763	nq	99
73) Carbazole	17.52	167	3913915	40.823	nq	99
74) Di-n-butylphthalate	18.07	149	4602292	41.739	nq	100
75) Fluoranthene	19.17	202	4396802	40.371	nq	99
77) Benzidine	19.37	184	1469632	33.898	nq	100
78) Pyrene	19.54	202	4620417	41.326	nq	100
80) Butylbenzylphthalate	20.44	149	2207682	43.327	nq	99
81) Benzo(a)anthracene	21.29	228	4513498	40.222	nq	100
82) 3,3'-Dichlorobenzidine	21.23	252	1725764	38.913	nq	100
83) Chrysene	21.34	228	4332180	40.278	nq	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	3241437	43.464	nq	100
85) Di-n-octyl phthalate	22.09	149	5455921	43.528	nq	100
86) Indeno(1,2,3-cd)pyrene	25.85	276	4245416	34.188	nq	99
88) Benzo(b)fluoranthene	22.88	252	4414702	42.326	nq	99
89) Benzo(k)fluoranthene	22.93	252	4250396	40.932	nq	100
90) Benzo(a)pyrene	23.46	252	4010363	40.587	nq	99
91) Dibenzo(a,h)anthracene	25.86	278	3620400	36.983	nq	99
92) Benzo(g,h,i)perylene	26.55	276	3300831	36.218	nq	99

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



#1

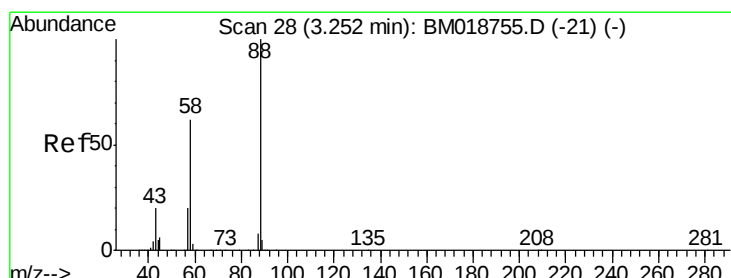
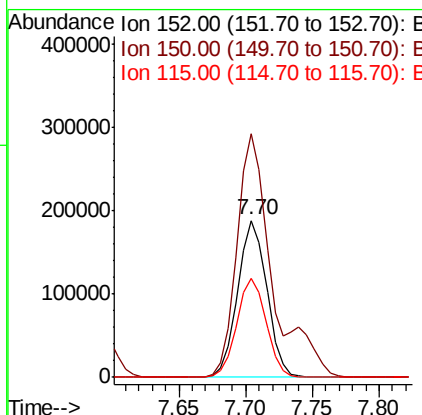
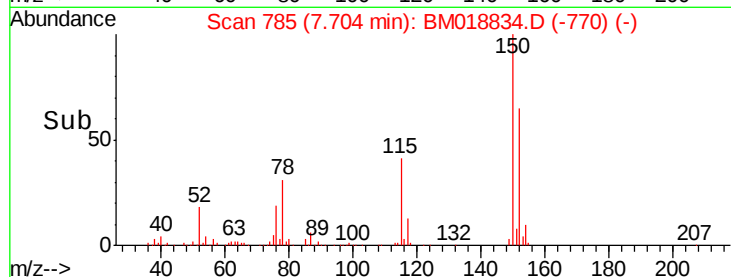
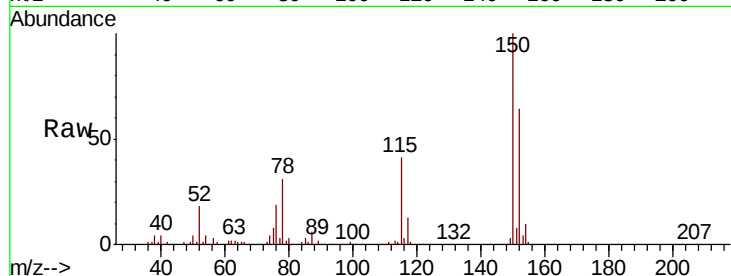
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.3	190.9
115	63.0	50.8	76.2

Manual Integrations
APPROVED

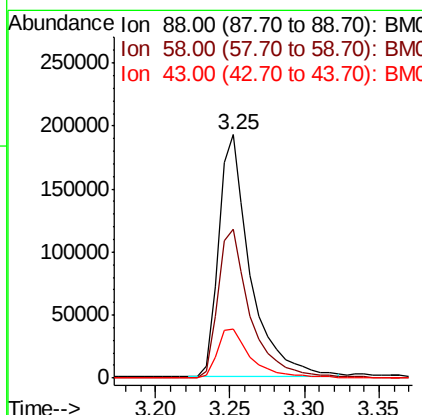
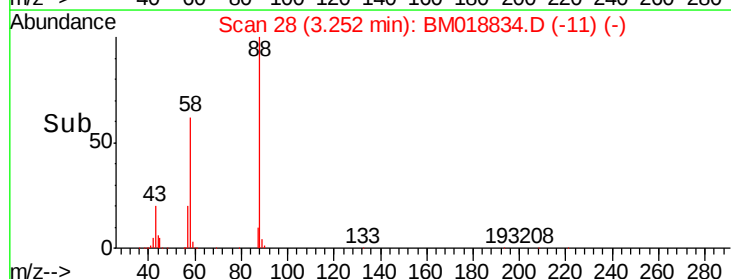
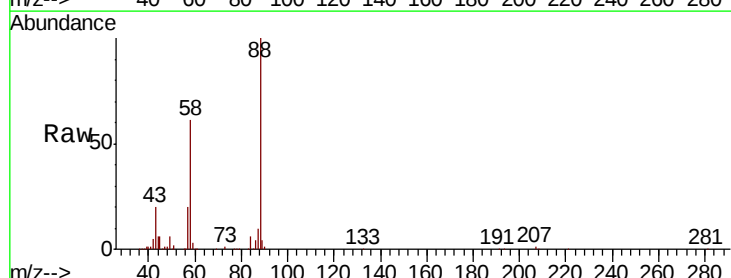
Sohil
2/19/2019 10:03:01 AM

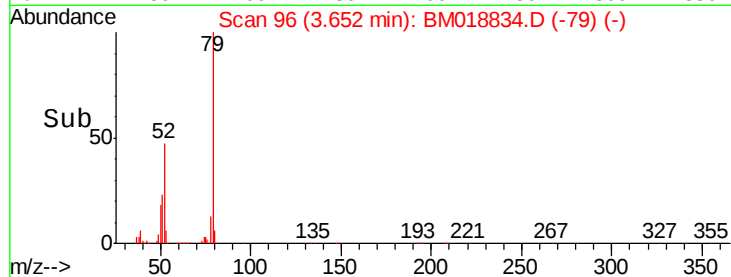
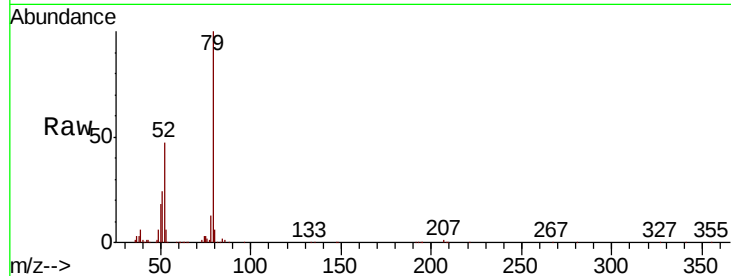
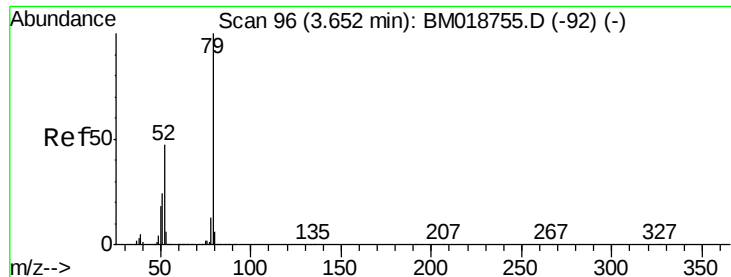


#2

1,4-Dioxane
Concen: 37.826 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.5	49.8	74.6
43	21.8	16.7	25.1





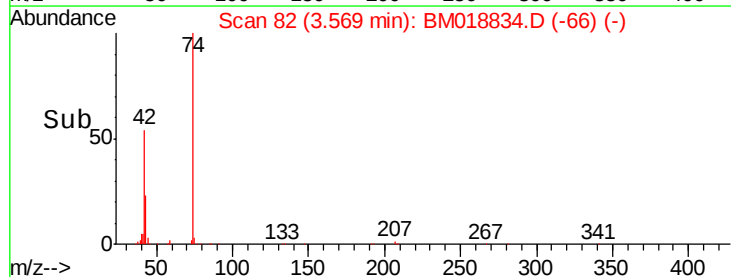
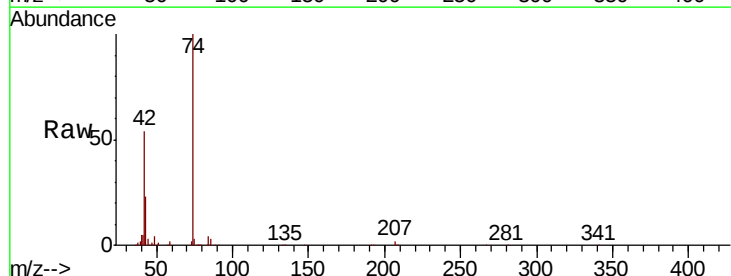
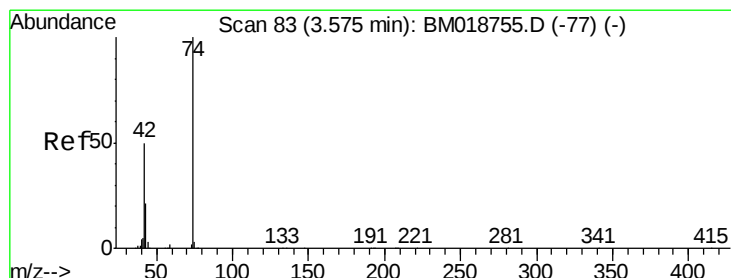
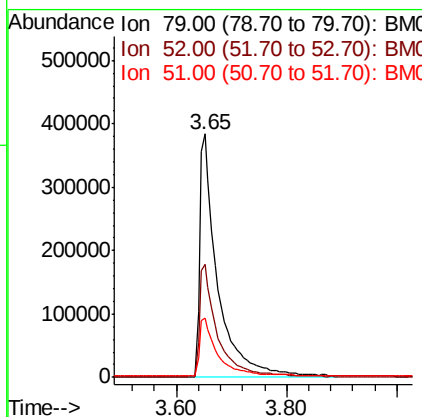
#3
 Pvridine
 Concen: 41.779 ng
 RT: 3.65 min Scan# 96
 Delta R.T. -0.00 min
 Lab File: BM018834.D
 Acq: 18 Feb 2019 12:35

Tot Ion:	79	Resp:	862530
Ion Ratio	Lower	Upper	
79	100		
52	46.5	37.6	56.4
51	24.2	19.7	29.5

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

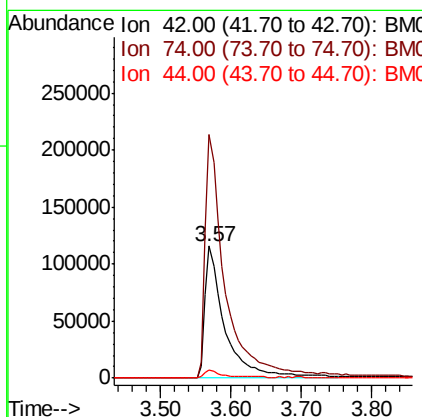
Manual Integrations
 APPROVED

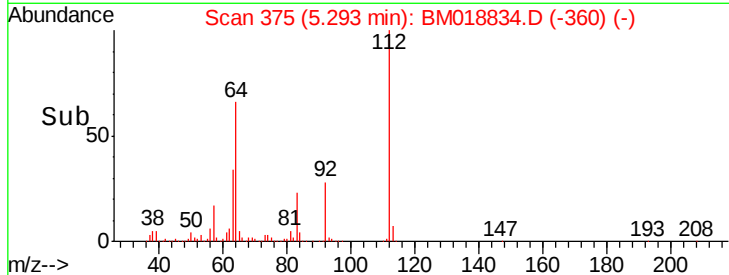
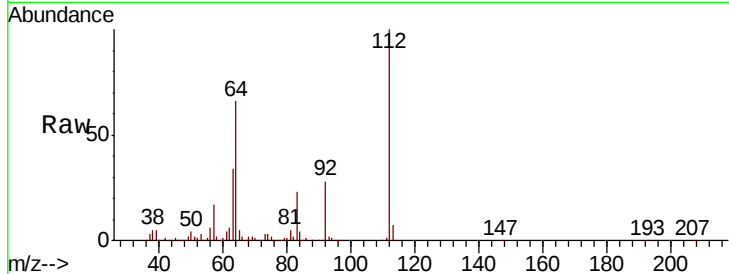
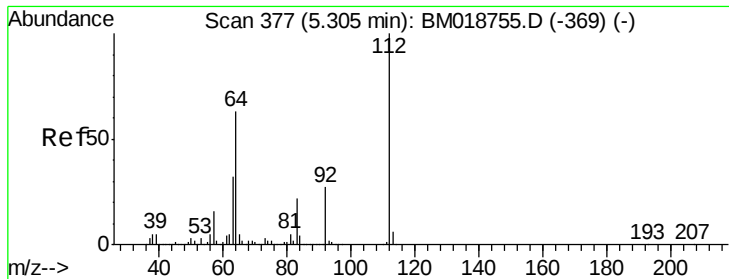
Sohil
 2/19/2019 10:03:01 AM



#4
 n-Nitrosodimethylamine
 Concen: 42.893 ng
 RT: 3.57 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: BM018834.D
 Acq: 18 Feb 2019 12:35

Tgt Ion:	42	Resp:	225272
Ion Ratio	Lower	Upper	
42	100		
74	184.3	158.1	237.1
44	6.0	4.9	7.3





#5

2-Fluorophenol

Concen: 78.880 ng

RT: 5.29 min Scan# 375

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Tot Ion:	112	Resp:	1370715
Ion	Ratio	Lower	Upper
112	100		
64	65.8	50.6	75.8
63	33.8	25.7	38.5

Instrument :

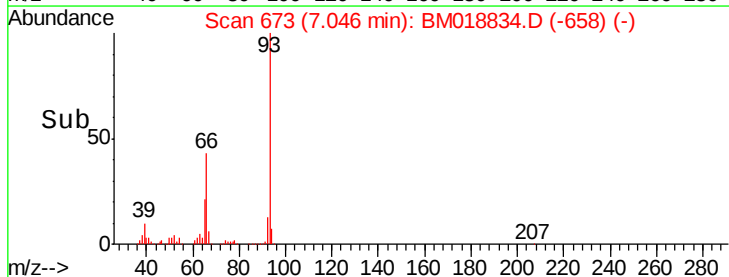
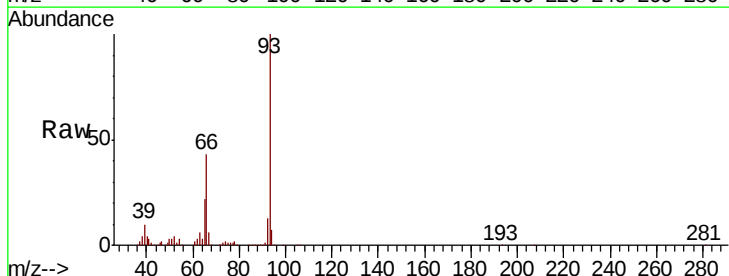
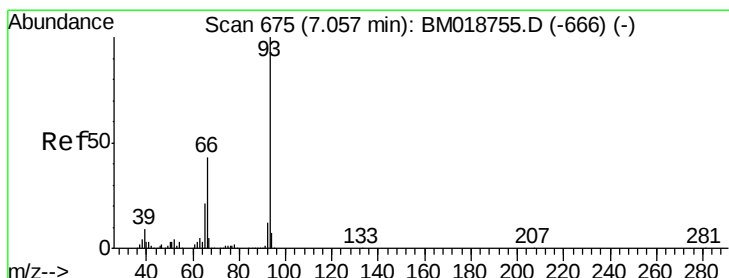
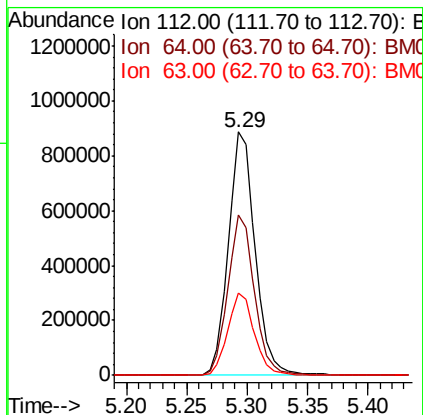
BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM



#6

Aniline

Concen: 41.563 ng

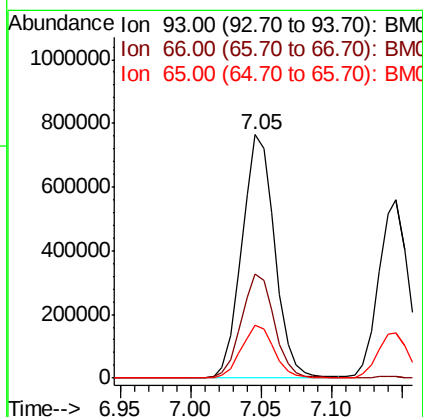
RT: 7.05 min Scan# 673

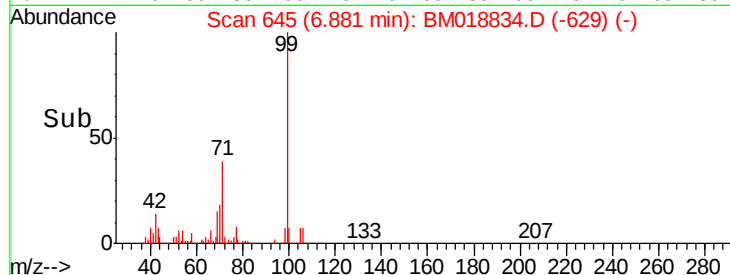
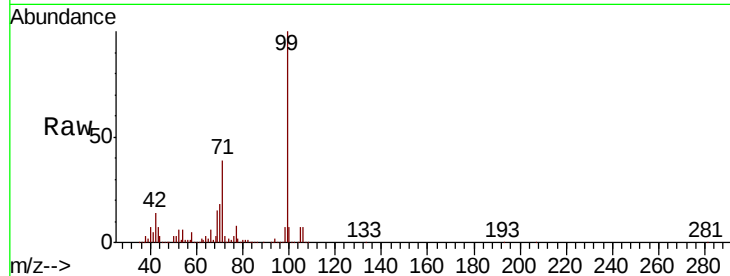
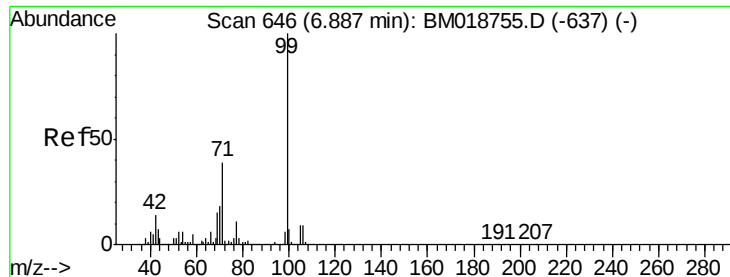
Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Tgt Ion:	93	Resp:	1246655
Ion	Ratio	Lower	Upper
93	100		
66	42.9	34.1	51.1
65	21.6	16.6	24.8





#7

Phenol-d6

Concen: 84.016 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Tot Ion: 99 Resp: 2056735

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.6

71 39.4 31.3 46.9

Instrument :

BNA_M

ClientSampleId :

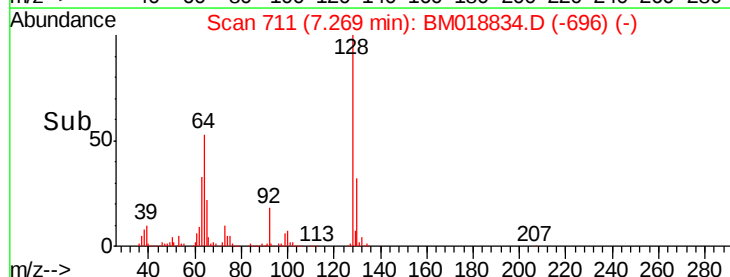
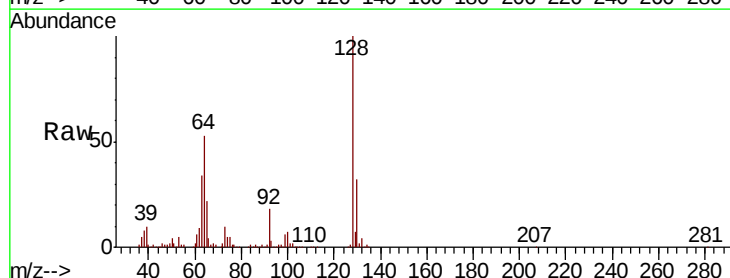
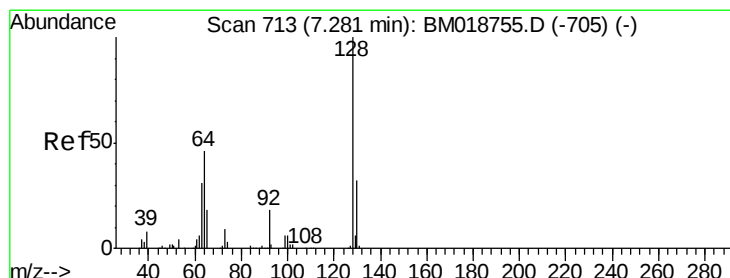
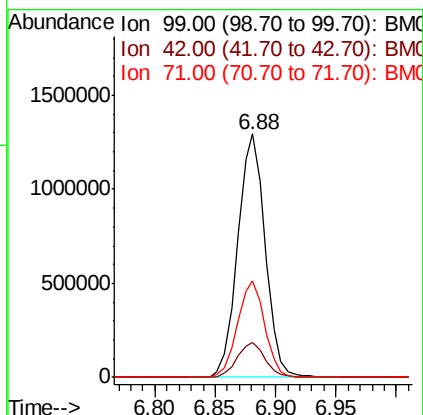
SSTDCCC040

Manual Integrations

APPROVED

Sohil

2/19/2019 10:03:01 AM



#8

2-Chlorophenol

Concen: 41.103 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

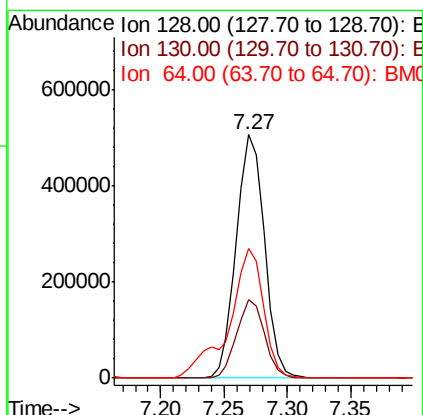
Tgt Ion: 128 Resp: 784205

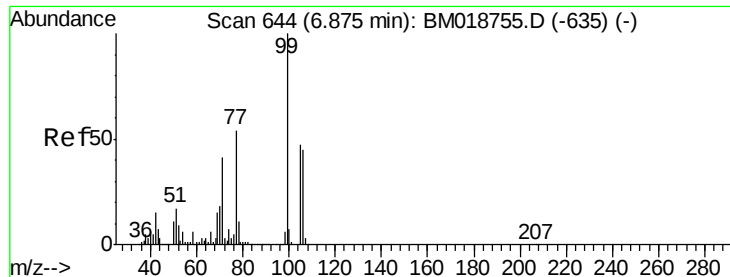
Ion Ratio Lower Upper

128 100

130 32.2 11.7 51.7

64 53.4 31.0 71.0





#9

Benzaldehyde

Concen: 44.600 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

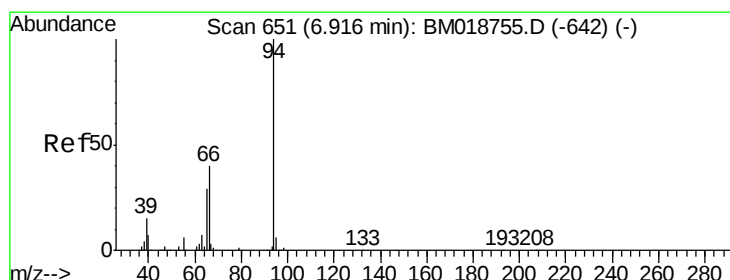
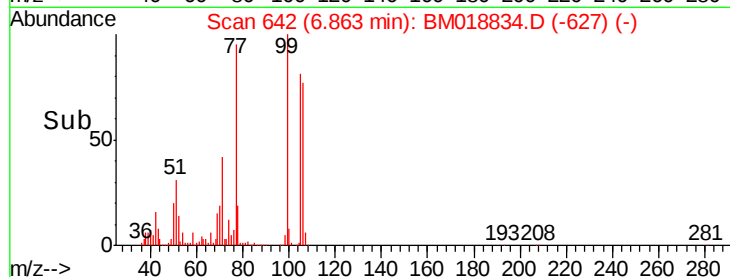
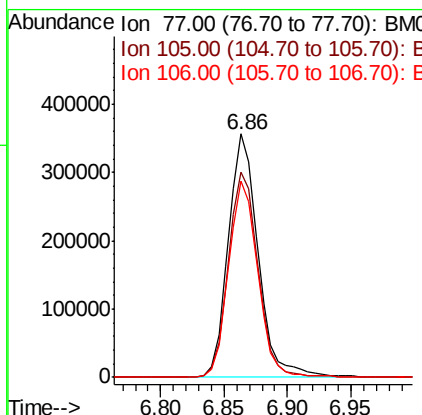
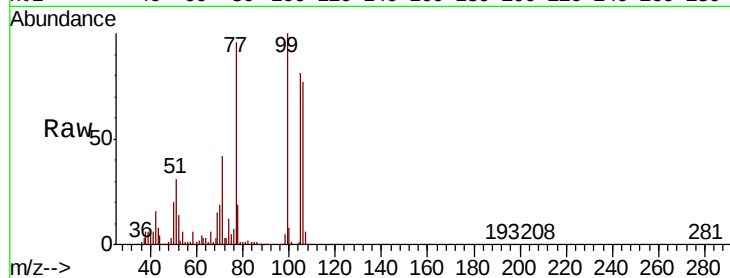
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	84.4	67.3	107.3		
106	80.7	62.9	102.9		

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM



#10

Phenol

Concen: 41.816 ng

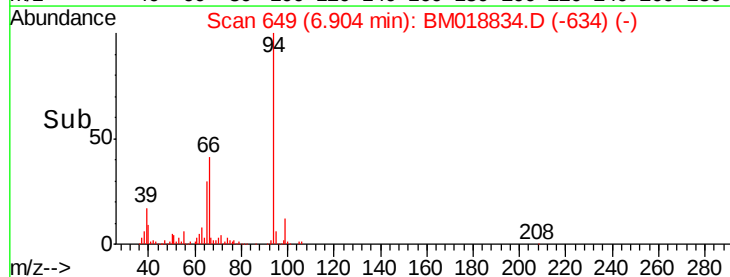
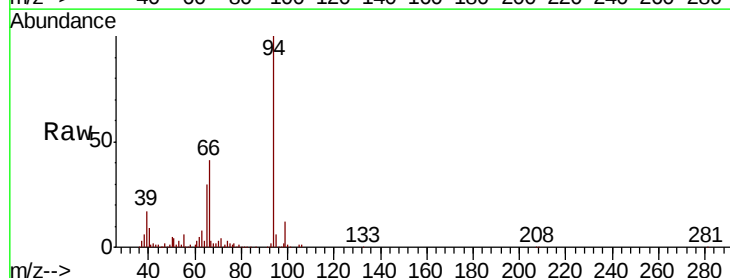
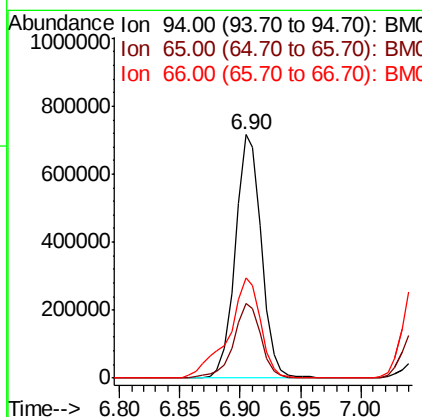
RT: 6.90 min Scan# 649

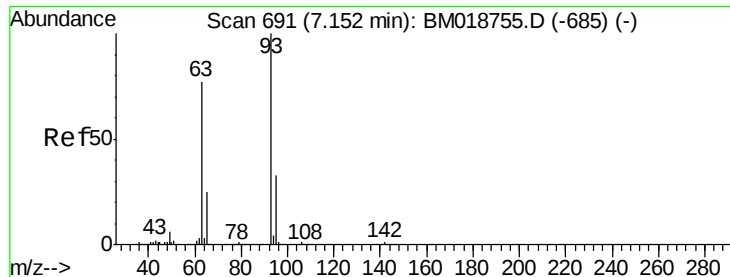
Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.4	9.6	49.6		
66	41.0	20.4	60.4		





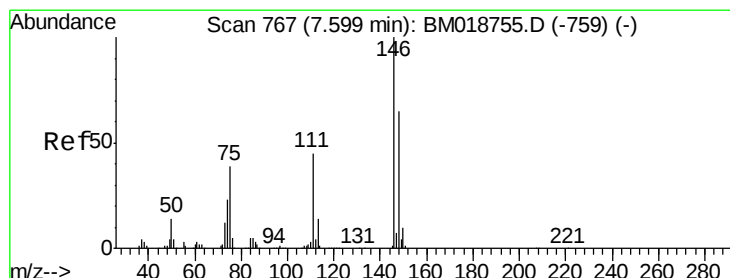
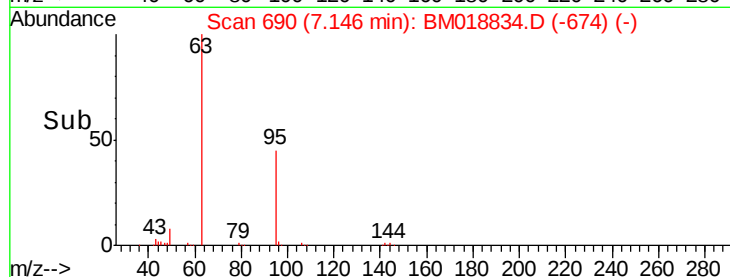
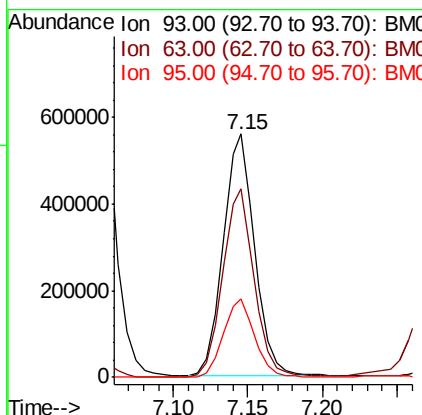
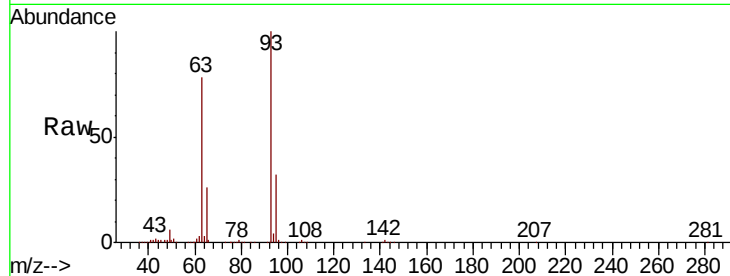
#11
bis(2-Chloroethyl)ether
Concen: 41.687 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	57.0	97.0
95	32.2	12.4	52.4

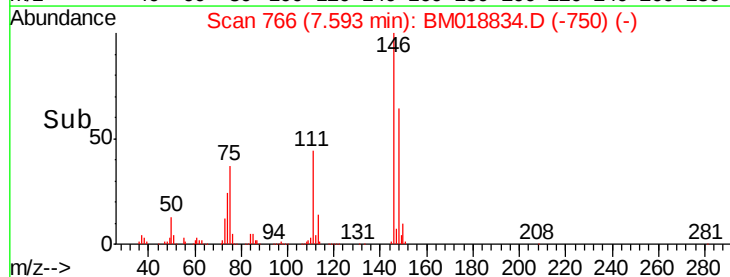
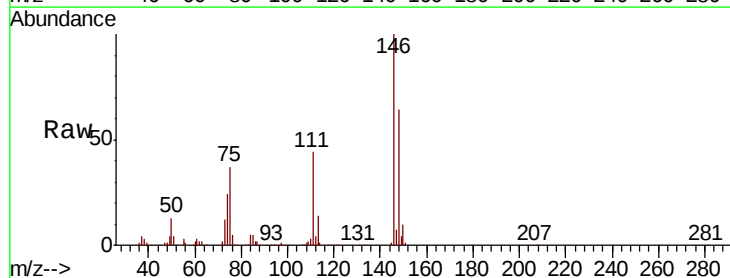
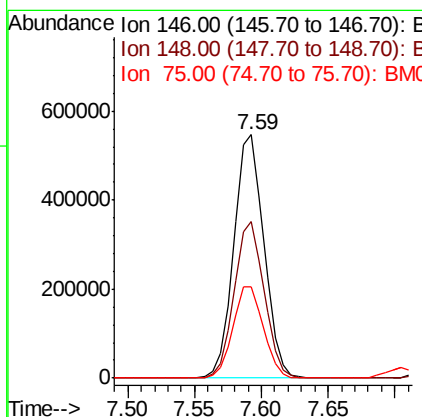
Manual Integrations
APPROVED

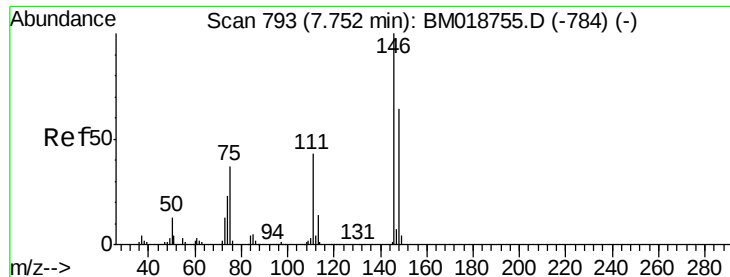
Sohil
2/19/2019 10:03:01 AM



#12
1,3-Dichlorobenzene
Concen: 39.917 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.7	77.5
75	37.3	31.3	46.9





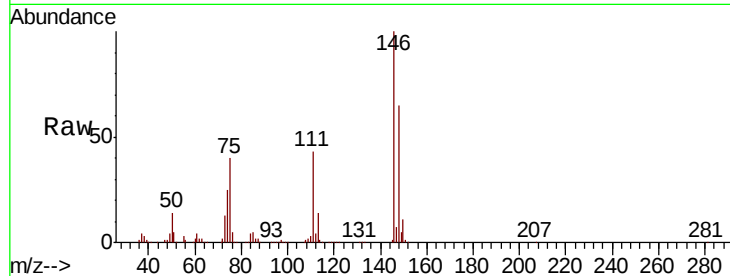
#13
 1,4-Dichlorobenzene
 Concen: 39.945 ng
 RT: 7.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BM018834.D
 Acq: 18 Feb 2019 12:35

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.2
111	43.4	34.6	52.0

Manual Integrations
 APPROVED

Sohil
 2/19/2019 10:03:01 AM

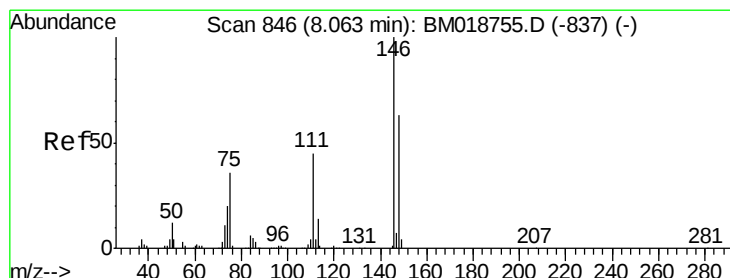
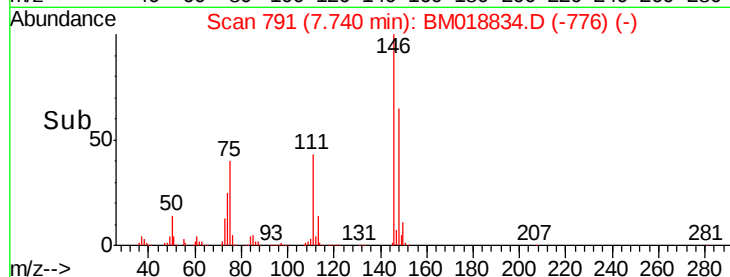
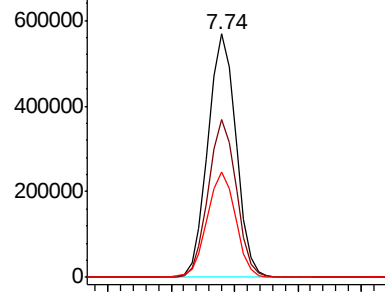


Abundance

Ion 146.00 (145.70 to 146.70): E

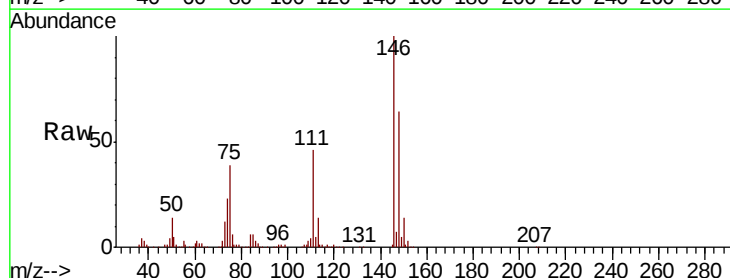
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.242 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BM018834.D
 Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
111	46.4	35.9	53.9

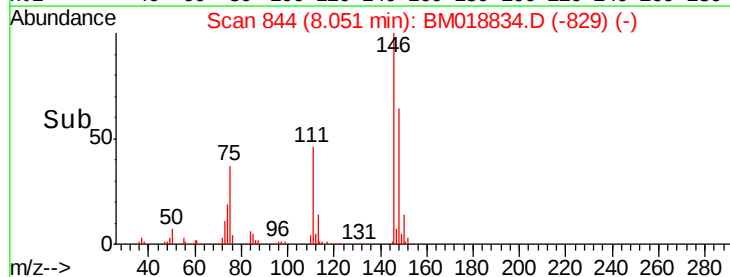
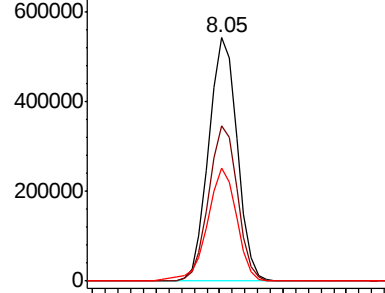


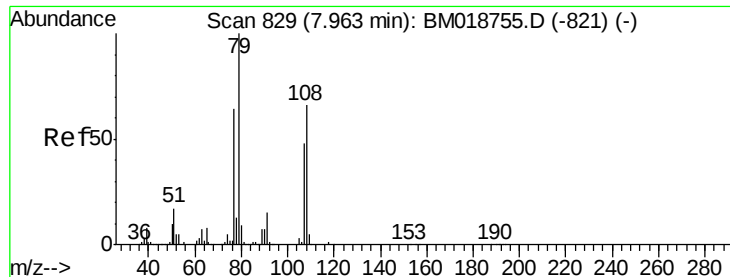
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.297 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

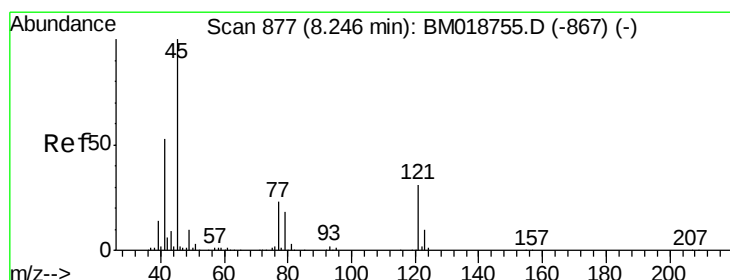
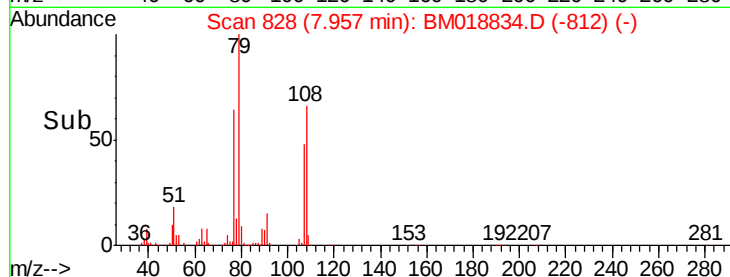
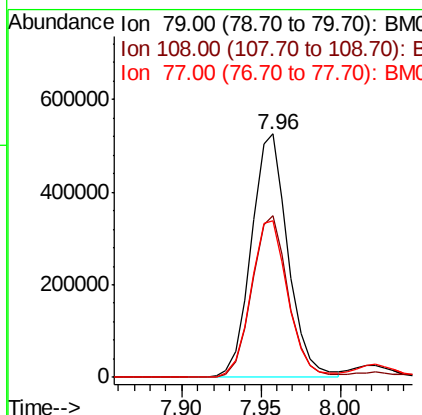
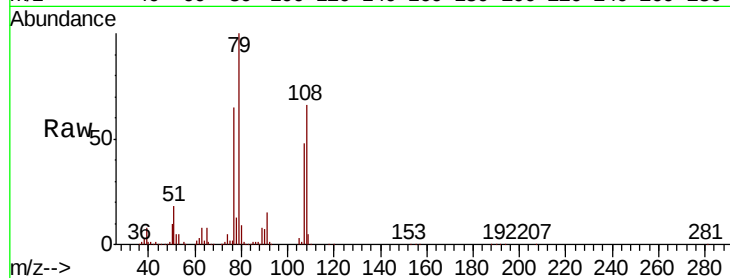
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	842203
Ion	Ratio	Lower	Upper
79	100		
108	66.3	52.7	79.1
77	64.5	51.0	76.4

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.578 ng

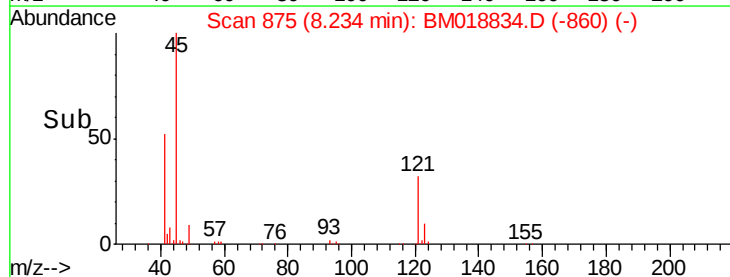
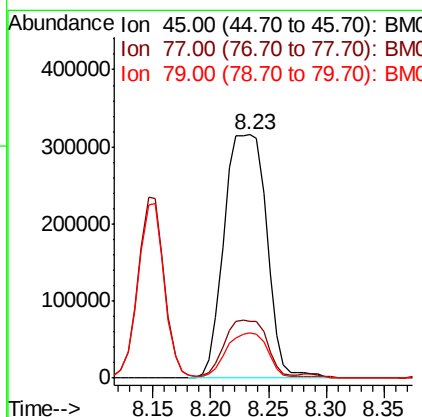
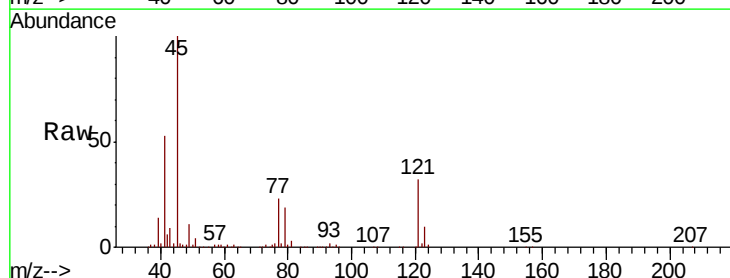
RT: 8.23 min Scan# 875

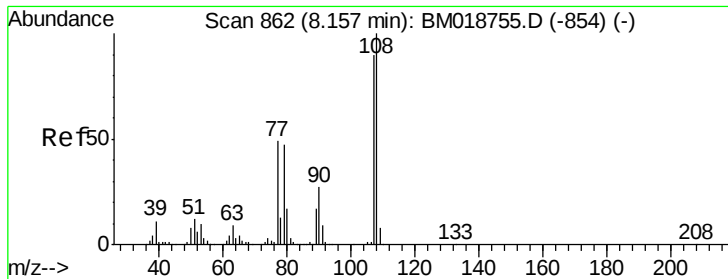
Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Tgt Ion:	45	Resp:	809725
Ion	Ratio	Lower	Upper
45	100		
77	23.4	5.0	45.0
79	18.6	0.0	39.3





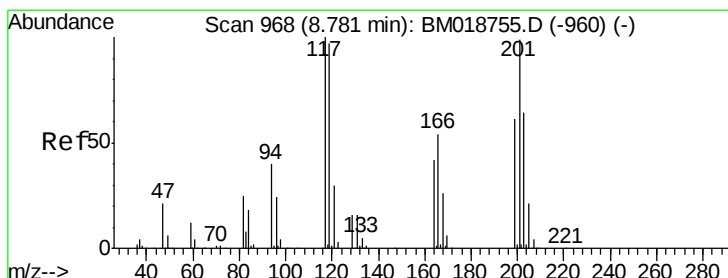
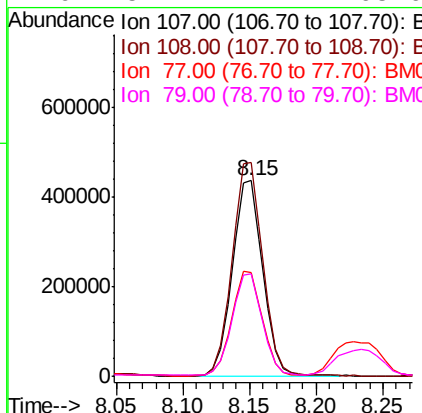
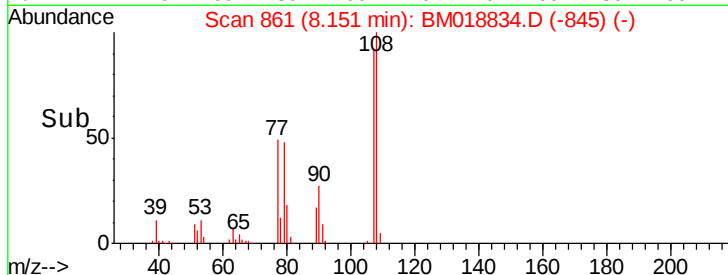
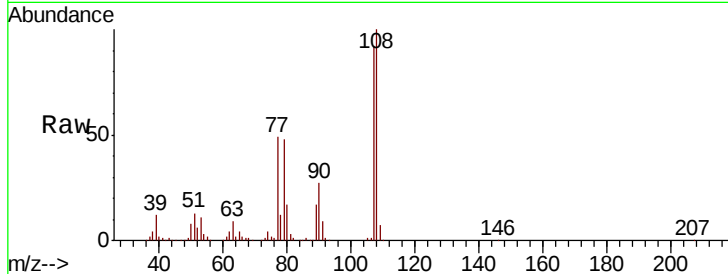
#17
2-Methylphenol
Concen: 42.082 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	88.8	133.2	
77	53.3	44.0	66.0	
79	52.1	42.4	63.6	

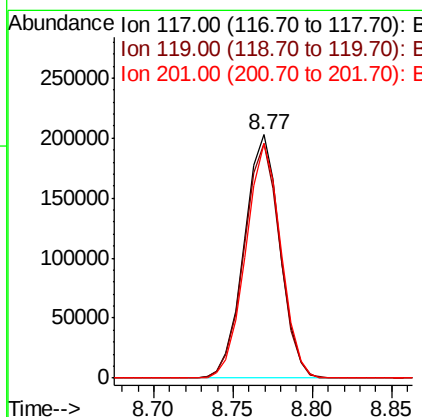
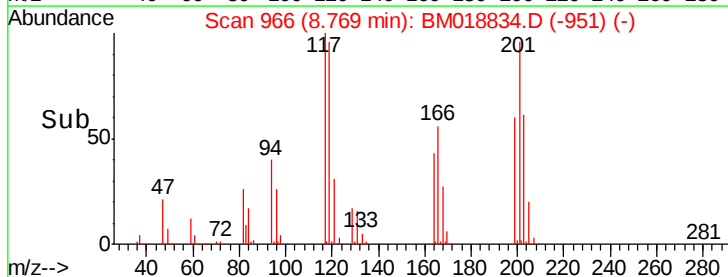
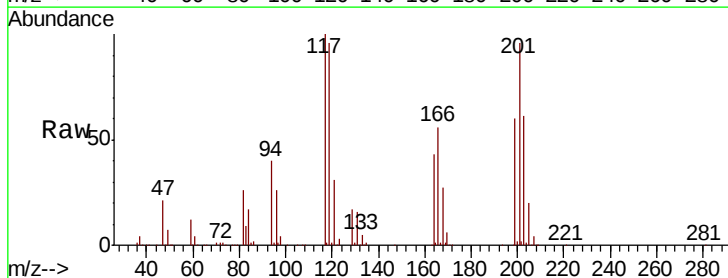
Manual Integrations
APPROVED

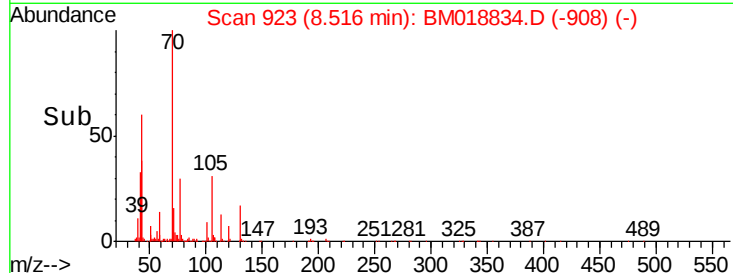
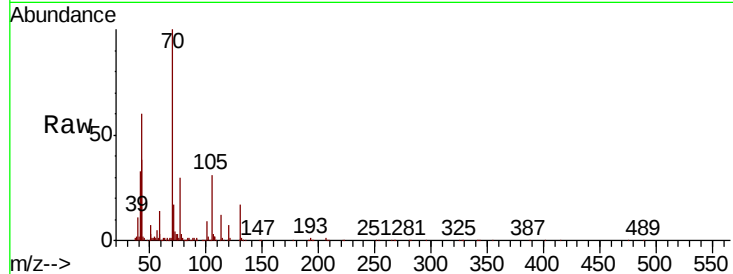
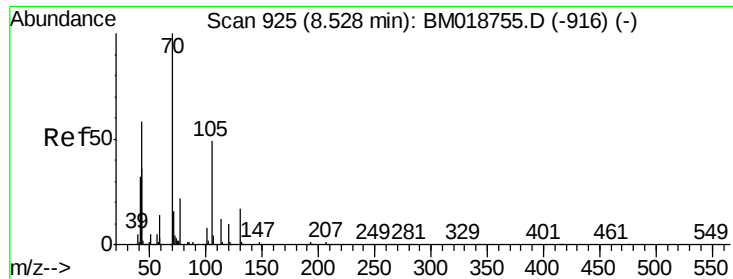
Sohil
2/19/2019 10:03:01 AM



#18
Hexachloroethane
Concen: 39.758 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.9	116.9	
201	96.3	79.2	118.8	





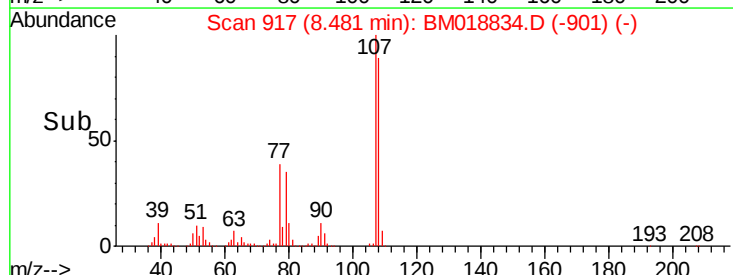
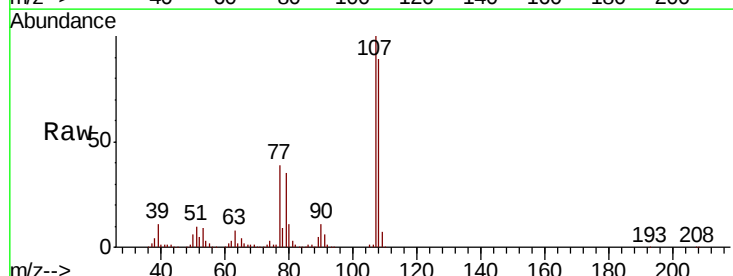
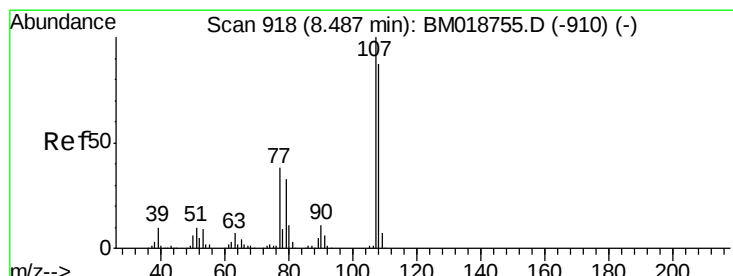
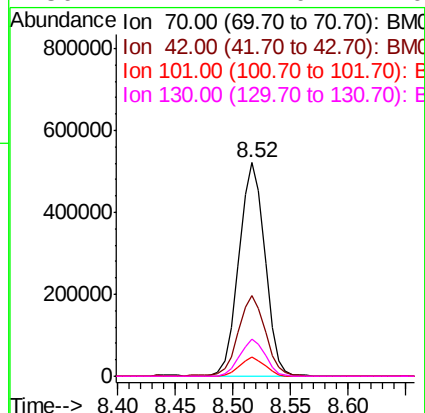
#19
n-Nitroso-di-n-propylamine
Concen: 42.946 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	37.9	29.4	44.0
101	8.8	6.7	10.1
130	17.4	14.0	21.0

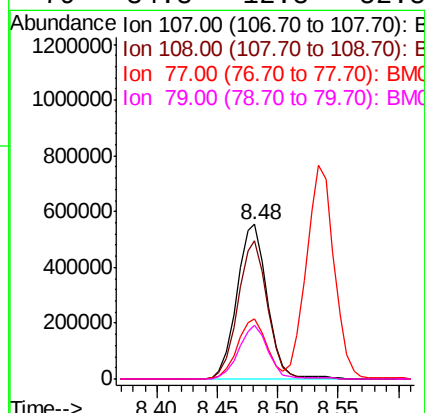
Manual Integrations
APPROVED

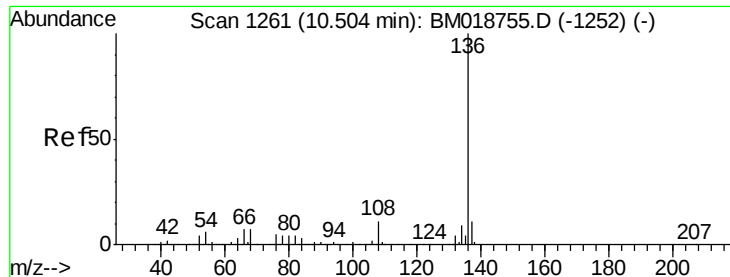
Sohil
2/19/2019 10:03:01 AM



#20
3+4-Methylphenols
Concen: 42.834 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.3	107.3
77	39.1	18.0	58.0
79	34.8	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: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1240248

Ion Ratio Lower Upper

136 100

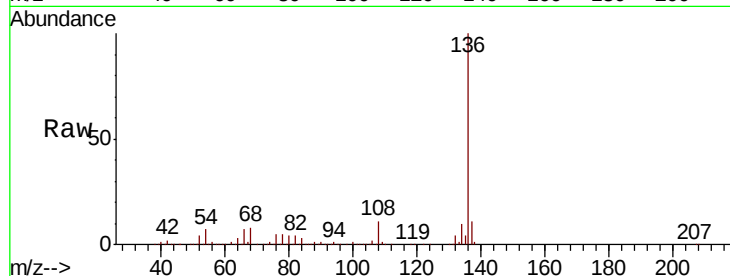
137 11.0 8.8 13.2

54 6.9 5.0 7.6

68 7.7 5.5 8.3

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM

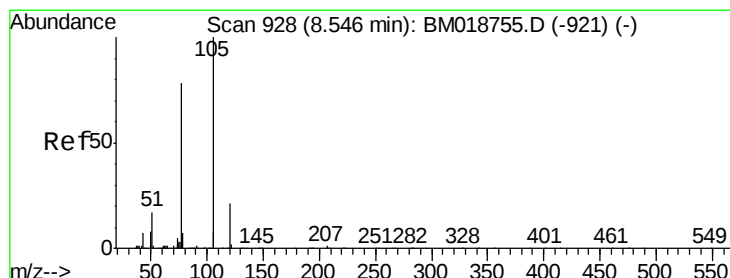
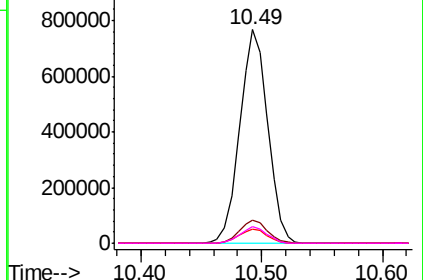
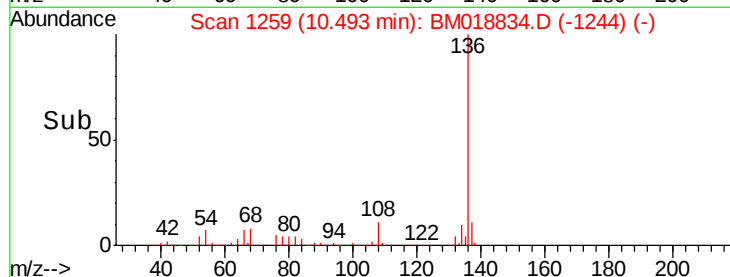


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.662 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Tgt Ion:105 Resp: 1384920

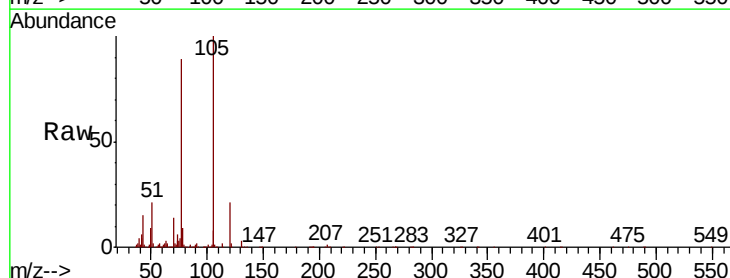
Ion Ratio Lower Upper

105 100

71 2.4 1.1 1.7#

51 20.7 15.5 23.3

120 21.1 17.0 25.4

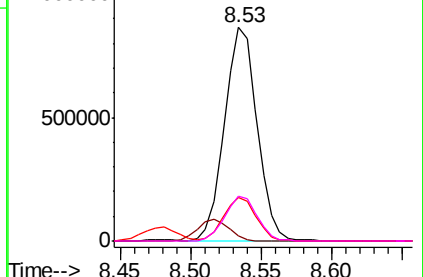
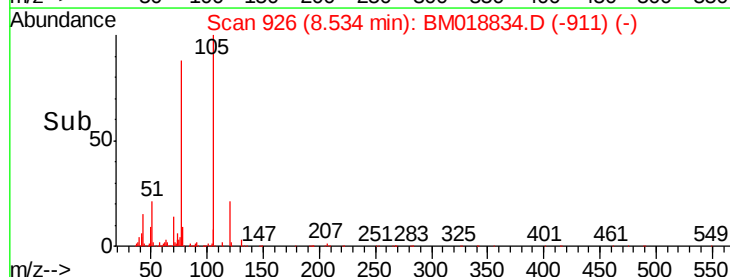


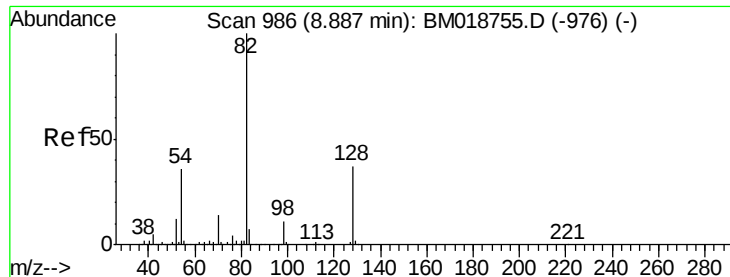
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





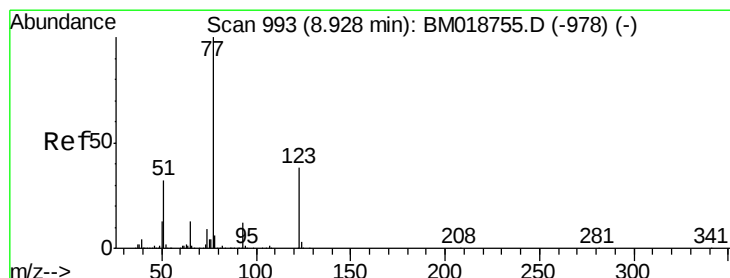
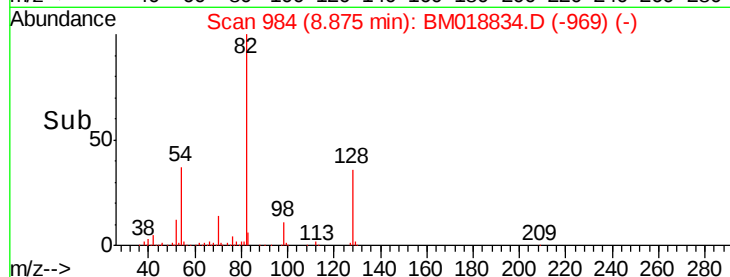
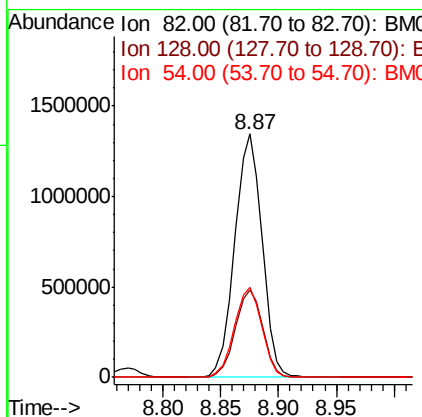
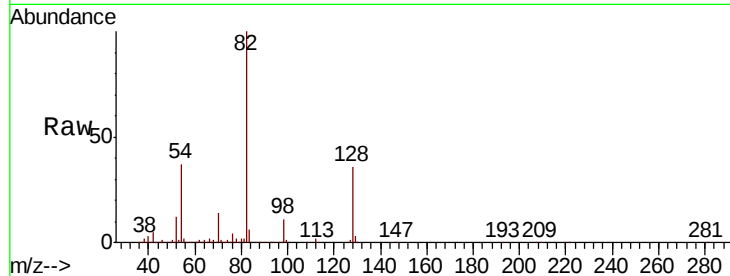
#23
Nitrobenzene-d5
Concen: 82.281 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.9	44.9
54	36.8	29.1	43.7

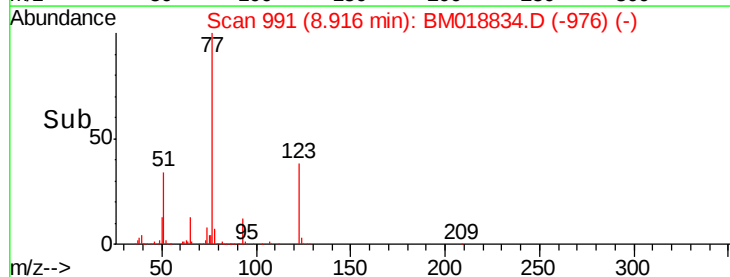
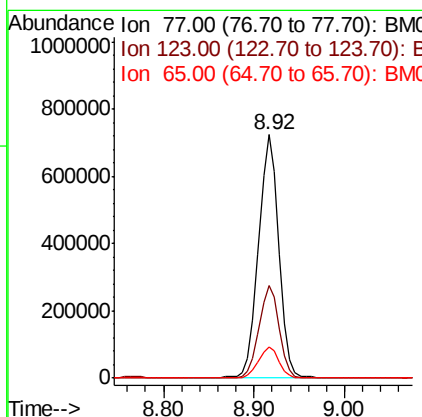
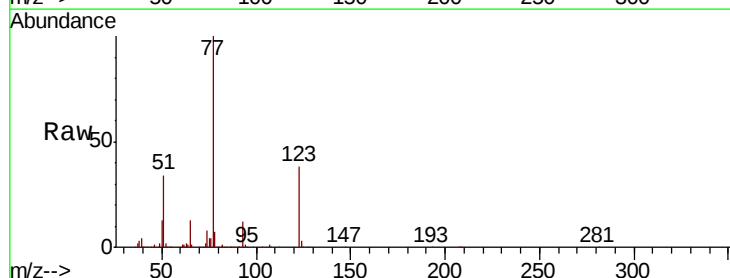
Manual Integrations
APPROVED

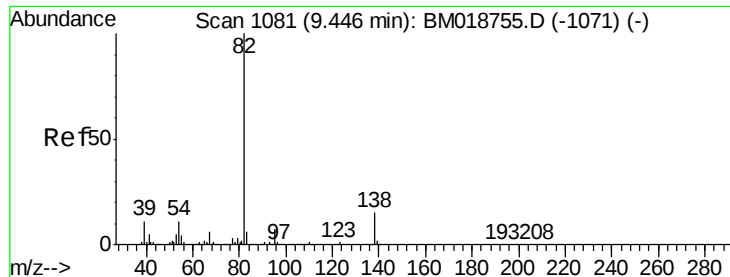
Sohil
2/19/2019 10:03:01 AM



#24
Nitrobenzene
Concen: 40.470 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	30.7	46.1
65	12.9	10.5	15.7





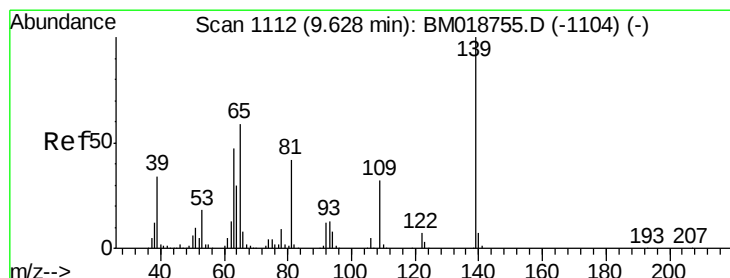
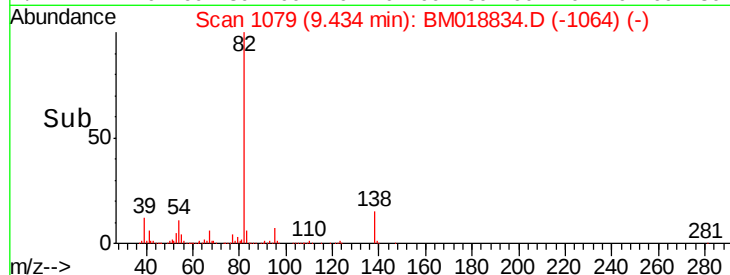
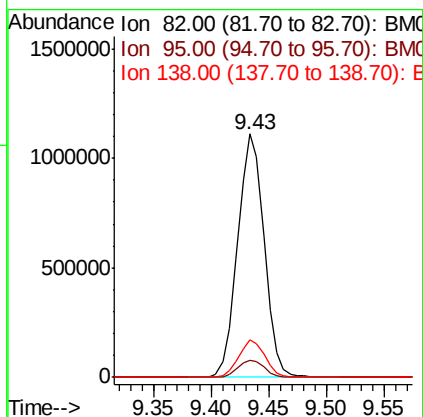
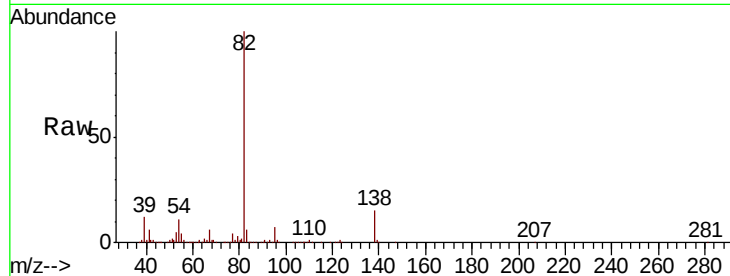
#25
Isophorone
Concen: 41.440 ng
RT: 9.43 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.7	8.5
138	15.3	12.3	18.5

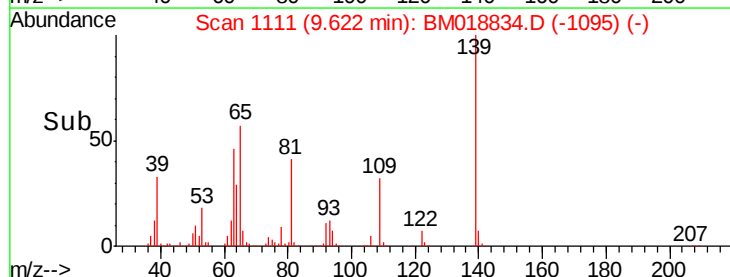
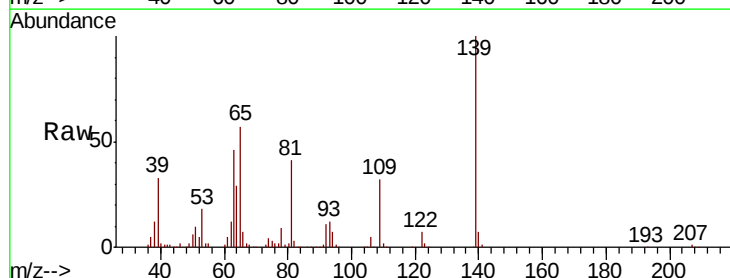
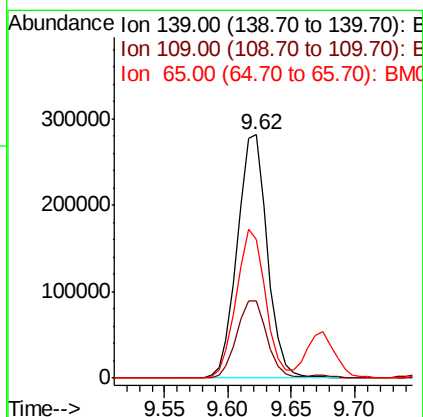
Manual Integrations
APPROVED

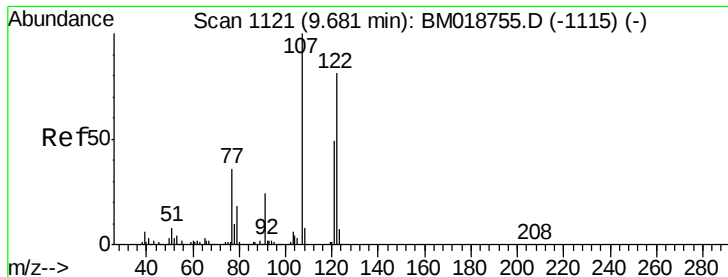
Sohil
2/19/2019 10:03:01 AM



#26
2-Nitrophenol
Concen: 41.610 ng
RT: 9.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.6	25.2	37.8
65	57.1	47.0	70.4





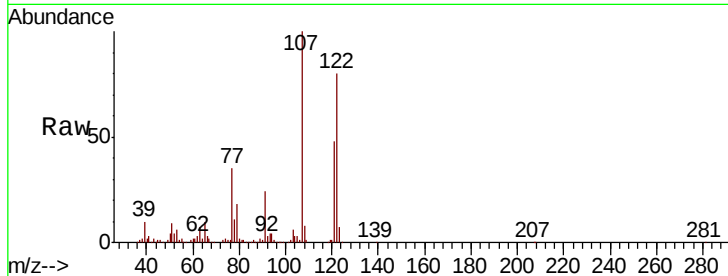
#27
2,4-Dimethylphenol
Concen: 40.943 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.0	97.6	146.4
121	60.3	47.9	71.9

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM

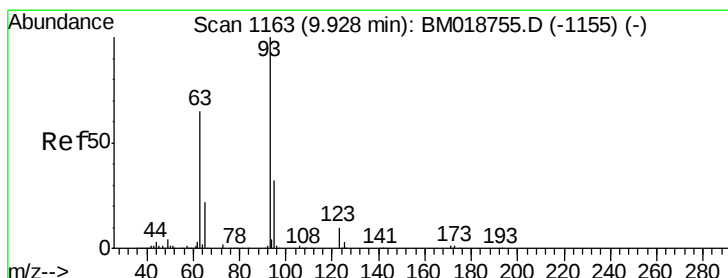
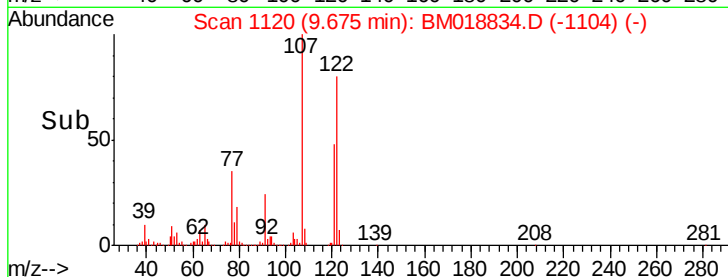
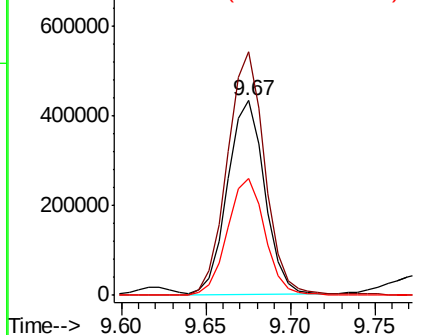


Abundance

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: 40.581 ng
RT: 9.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

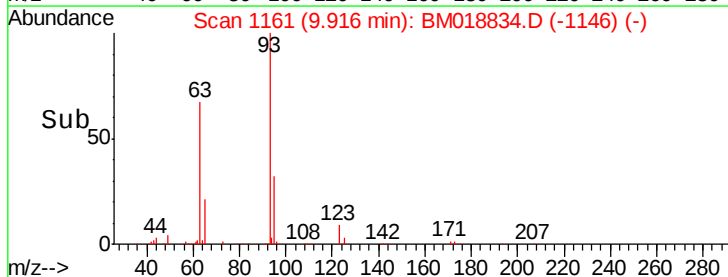
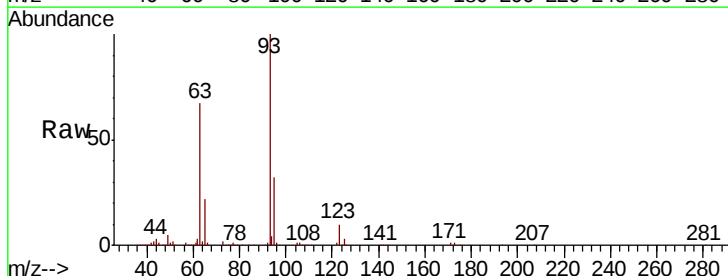
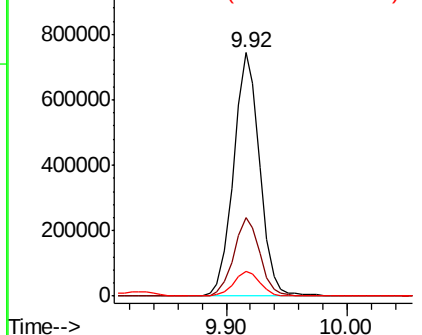
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.6	38.4
123	10.2	8.2	12.4

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





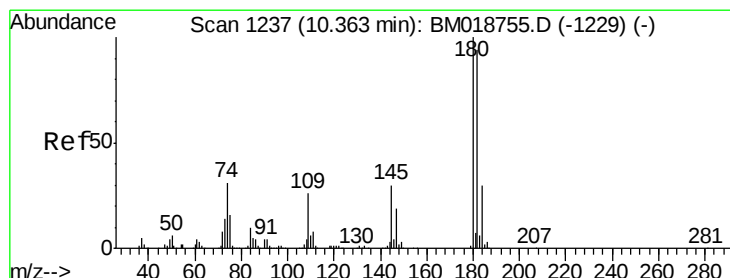
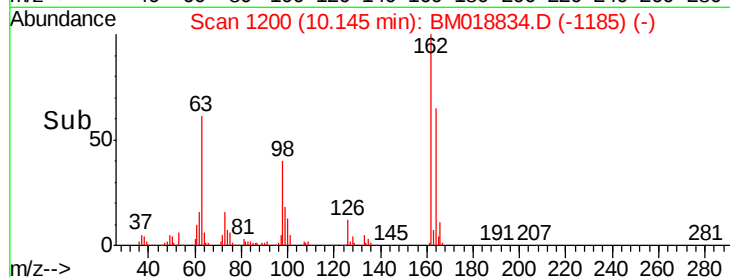
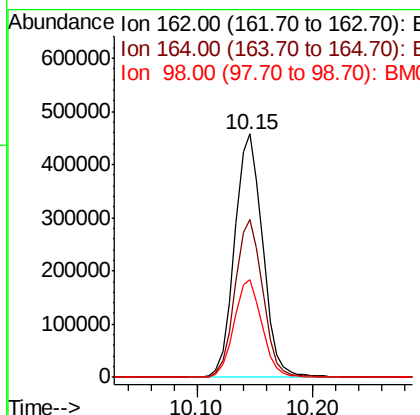
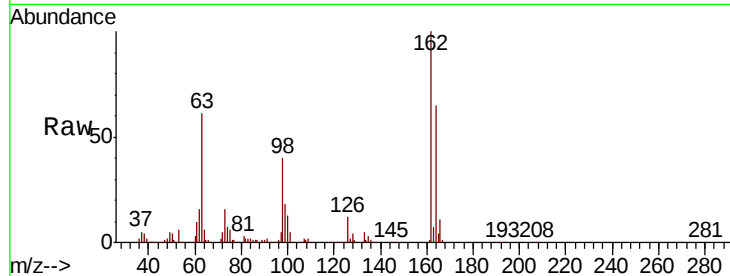
#29
2,4-Dichlorophenol
Concen: 41.449 ng
RT: 10.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	44.1	84.1
98	39.9	19.4	59.4

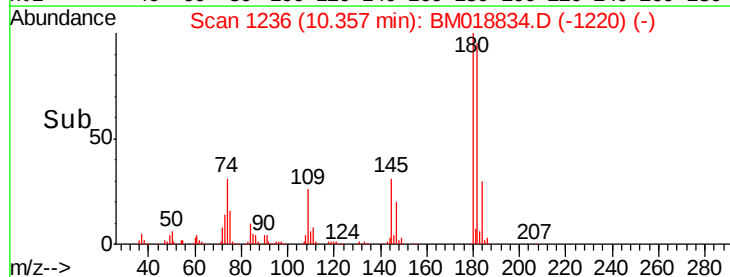
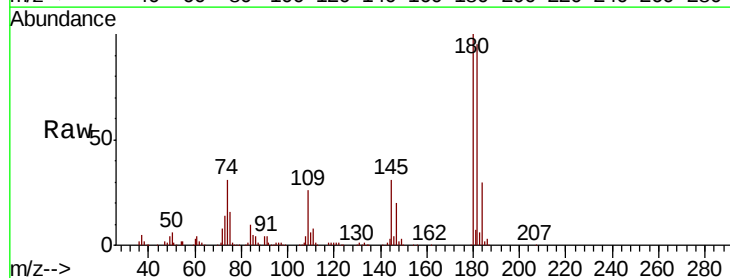
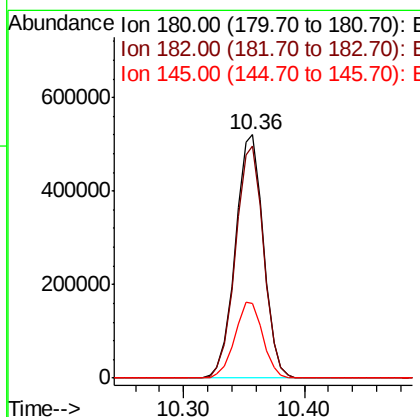
Manual Integrations
APPROVED

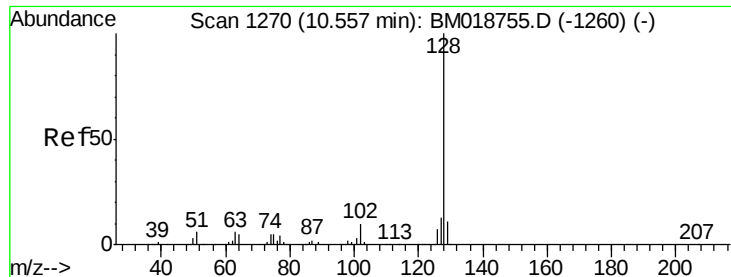
Sohil
2/19/2019 10:03:01 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.288 ng
RT: 10.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	75.0	112.6
145	30.7	24.1	36.1





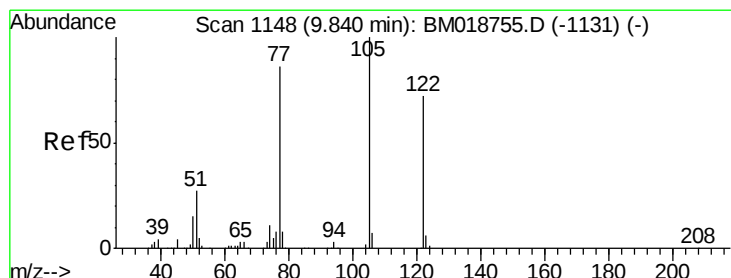
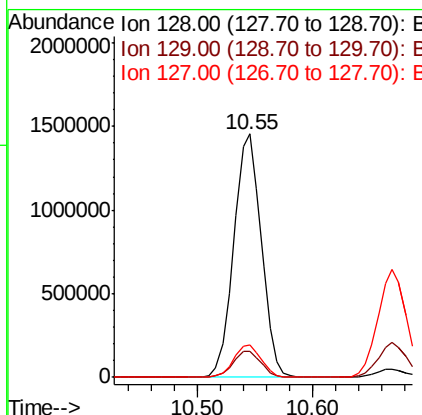
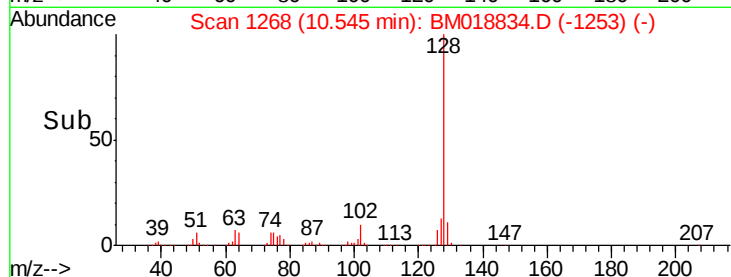
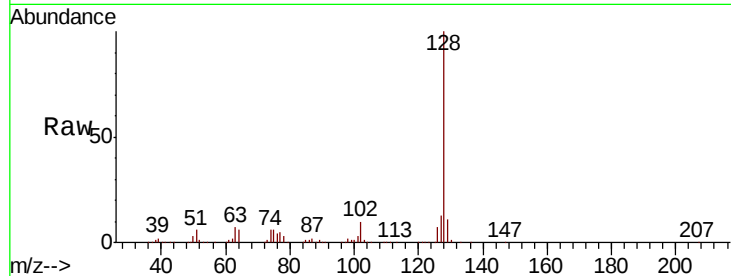
#31
Naphthalene
Concen: 39.644 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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

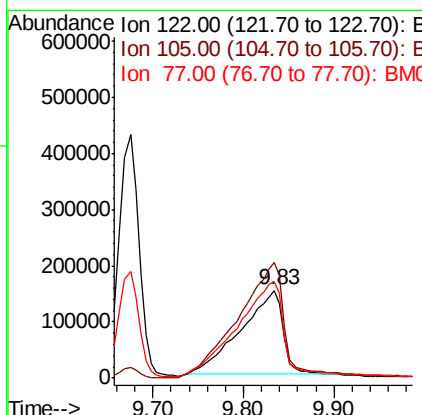
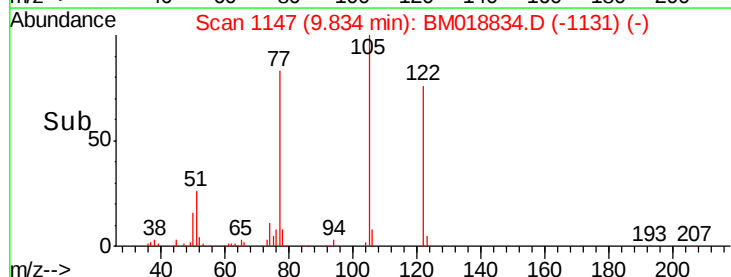
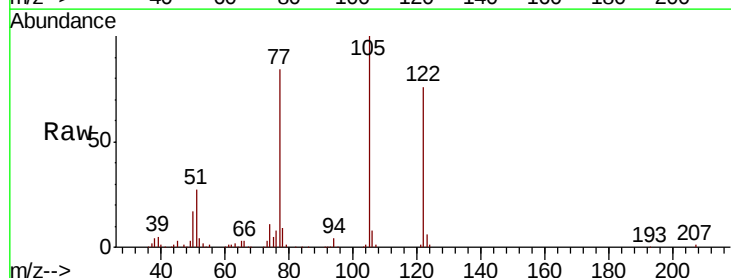
Manual Integrations
APPROVED

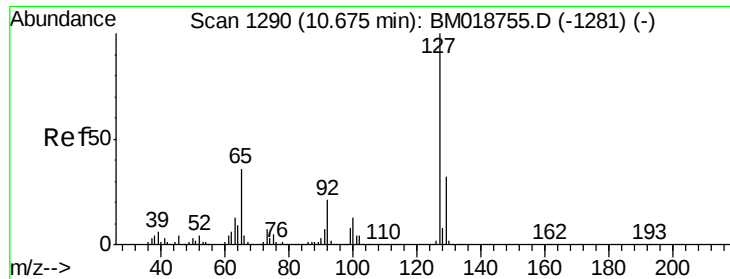
Sohil
2/19/2019 10:03:01 AM



#32
Benzoic acid
Concen: 34.463 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.8	117.5	157.5
77	109.5	98.5	138.5





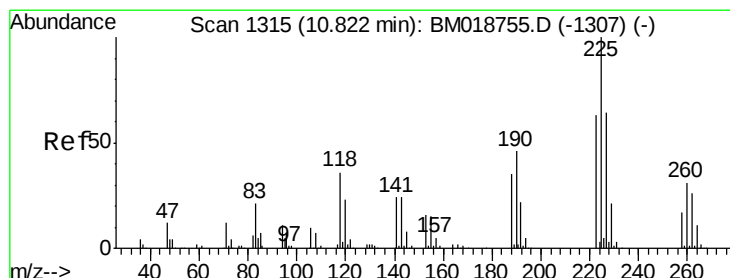
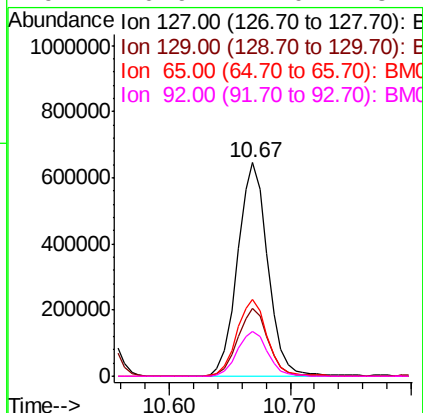
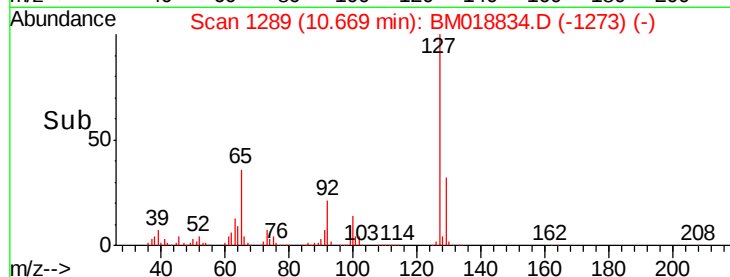
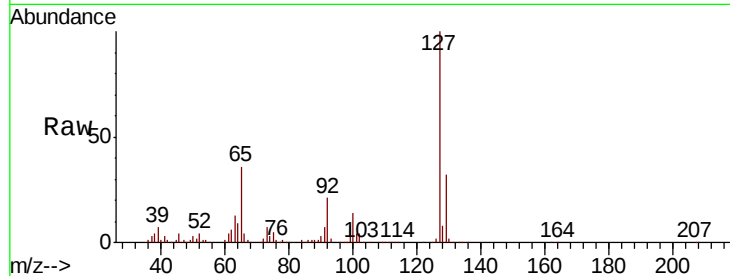
#33
4-Chloroaniline
Concen: 41.680 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	35.8	28.7	43.1
92	20.9	17.0	25.4

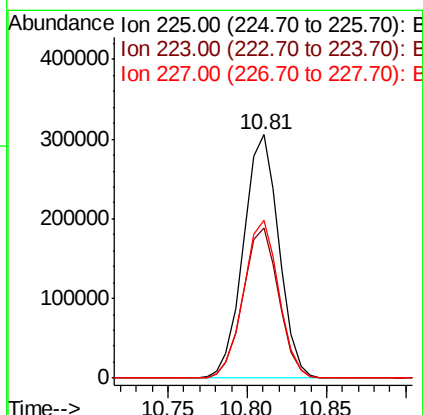
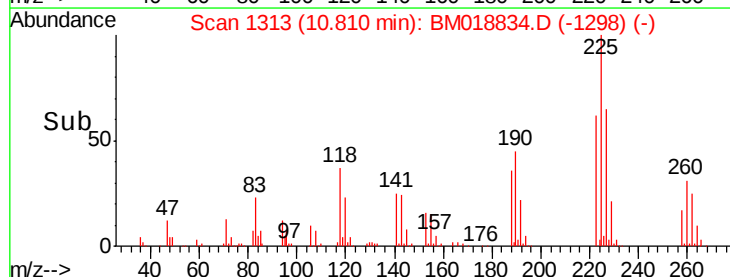
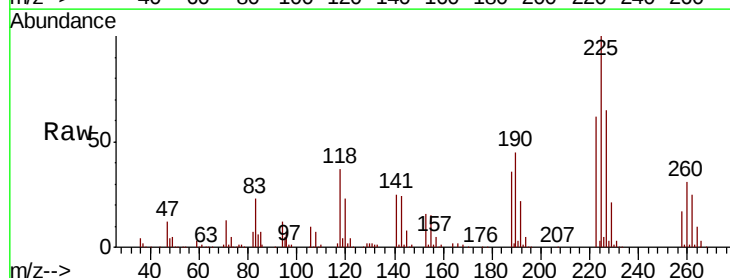
Manual Integrations
APPROVED

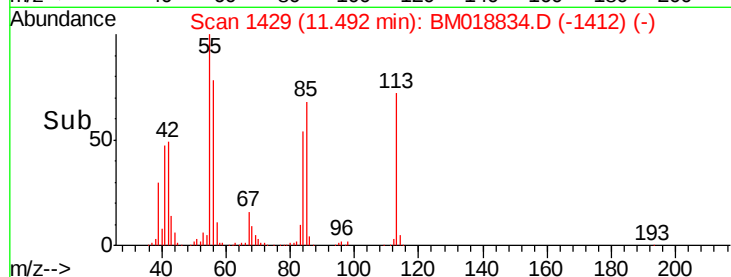
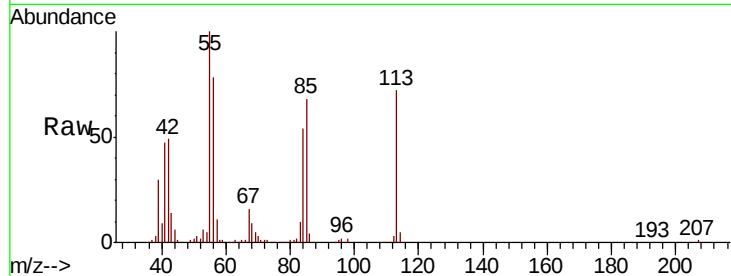
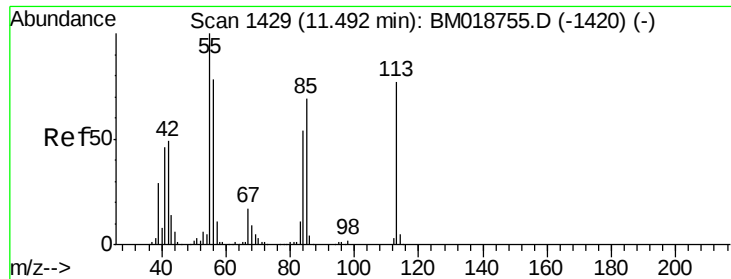
Sohil
2/19/2019 10:03:01 AM



#34
Hexachlorobutadiene
Concen: 38.122 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.1	75.1
227	64.6	51.4	77.0





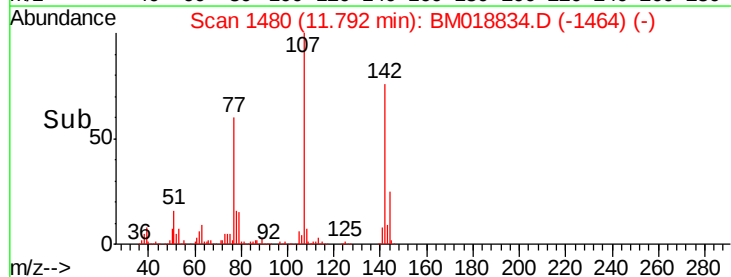
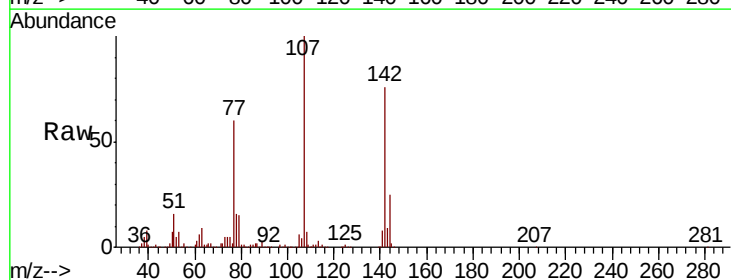
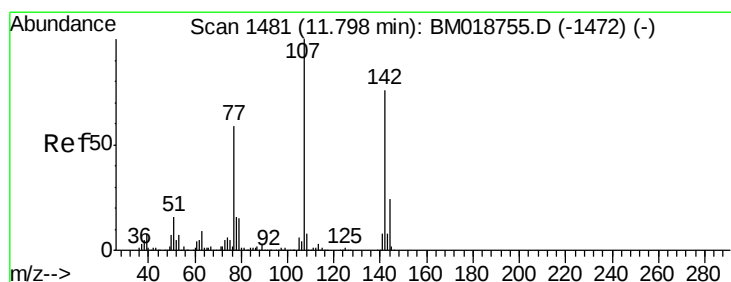
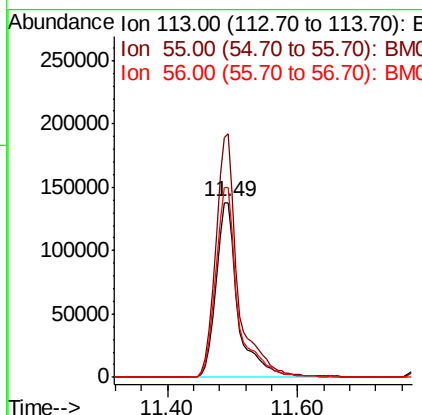
#35
Caprolactam
Concen: 42.698 ng/ml
RT: 11.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	139.1	110.7	150.7
56	108.7	82.4	122.4

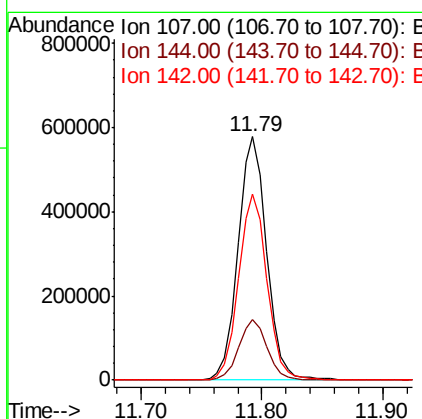
Manual Integrations
APPROVED

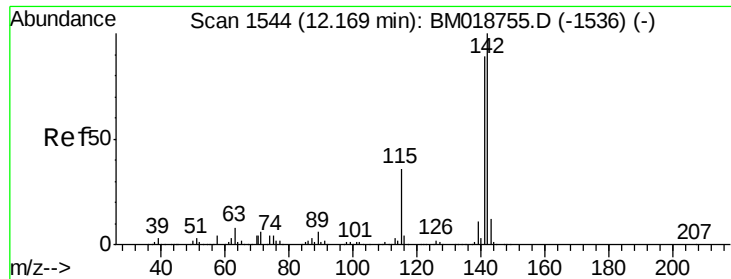
Sohil
2/19/2019 10:03:01 AM



#36
4-Chloro-3-methylphenol
Concen: 42.547 ng/ml
RT: 11.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.3	28.9
142	76.1	60.5	90.7





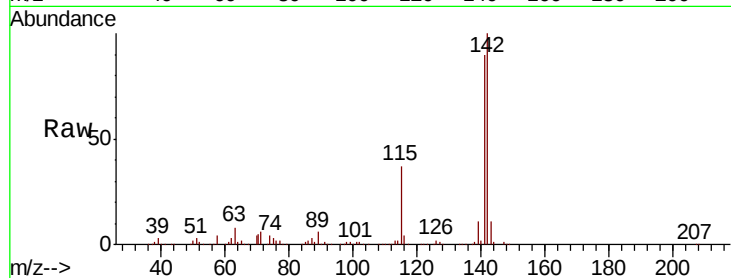
#37
2-Methylnaphthalene
Concen: 40.925 ng
RT: 12.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	36.6	29.1	43.7

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM

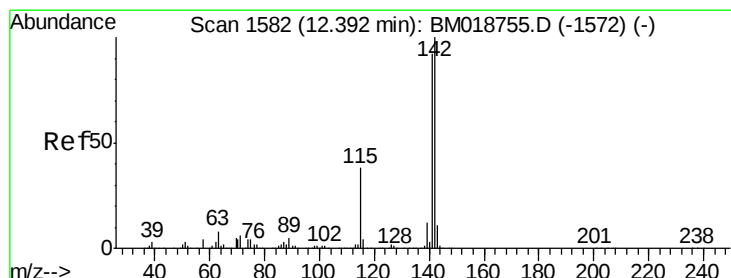
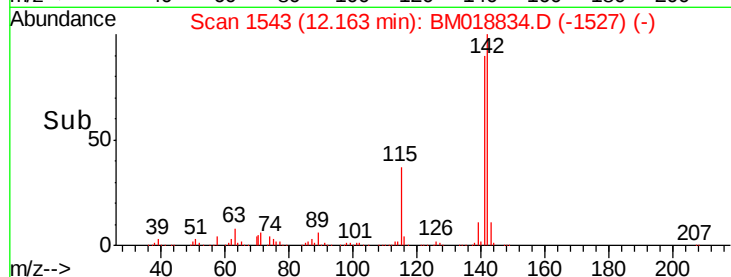
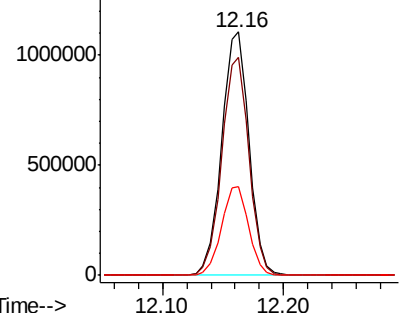


Abundance

Ion 142.00 (141.70 to 142.70): E

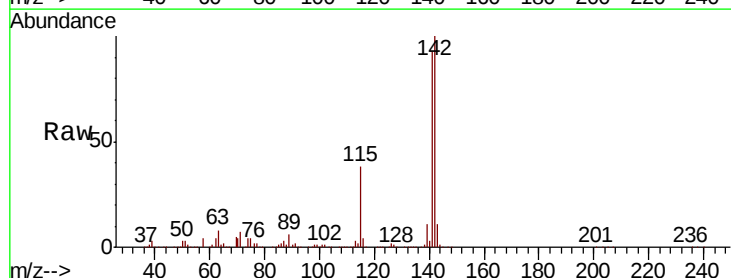
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.863 ng
RT: 12.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9
116	4.2	3.0	4.4

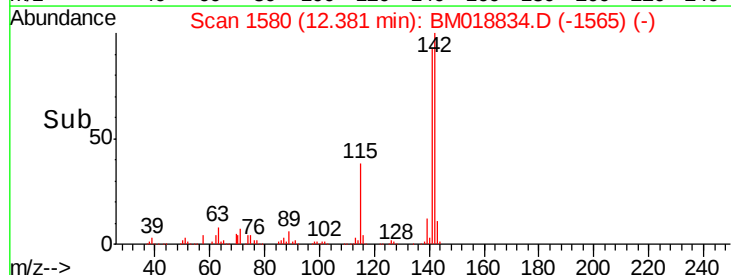
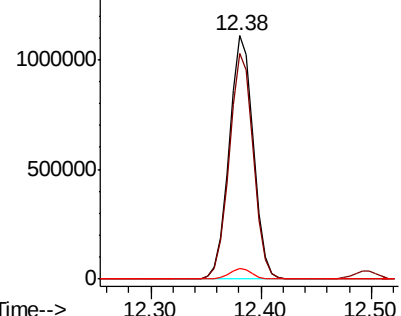


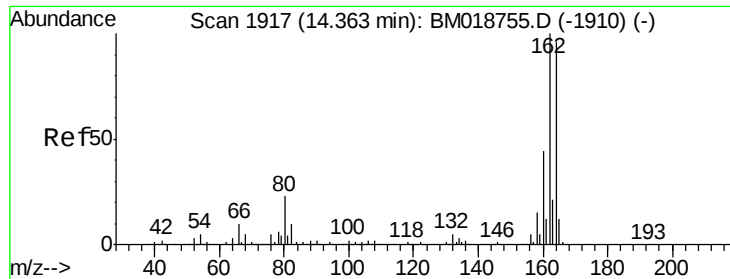
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





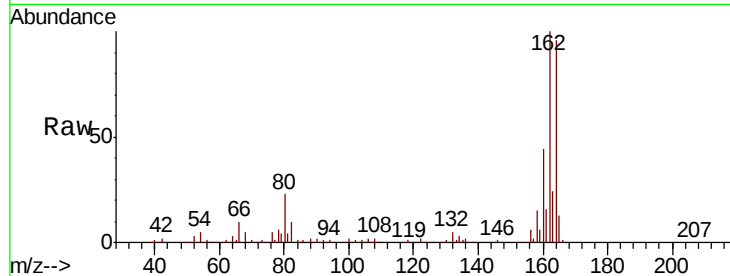
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.4	125.0
160	45.8	36.6	55.0

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM

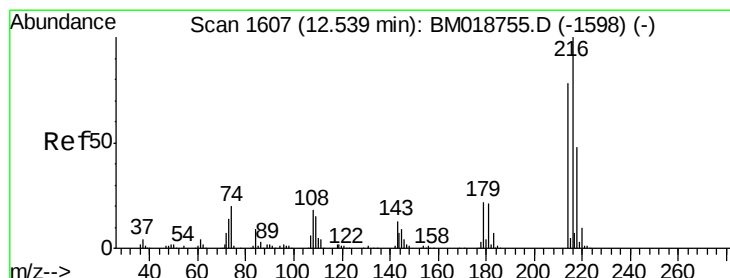
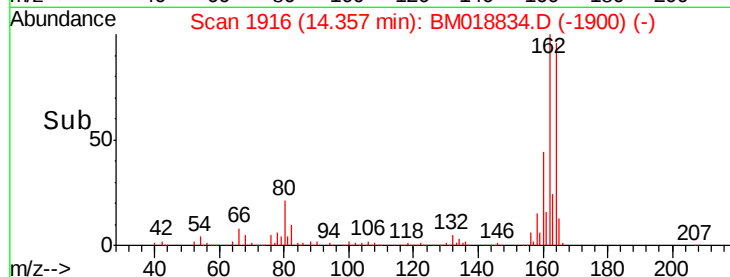
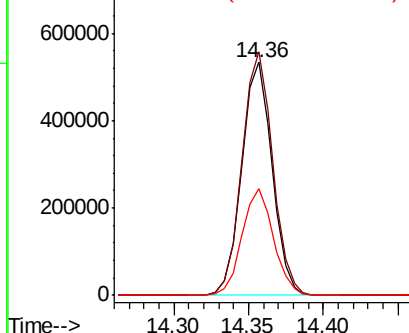


Abundance

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: 38.223 ng
RT: 12.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.2	94.8
179	22.7	17.8	26.8
108	20.9	16.4	24.6

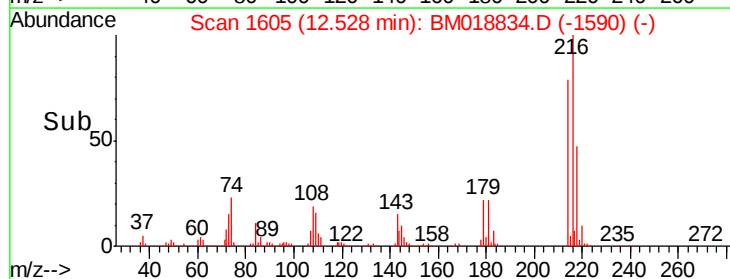
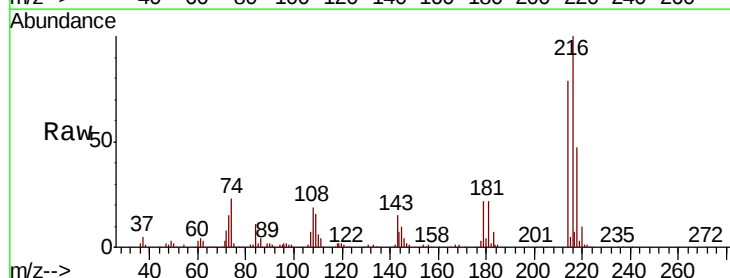
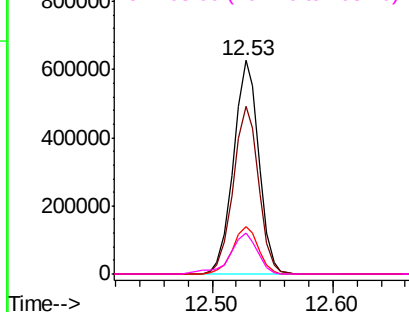
Abundance

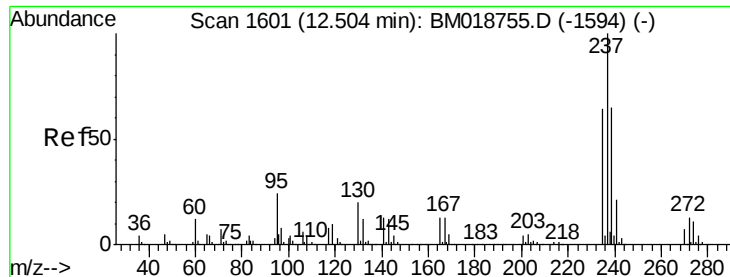
Ion 216.00 (215.70 to 216.70): E

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: 33.727 ng

RT: 12.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

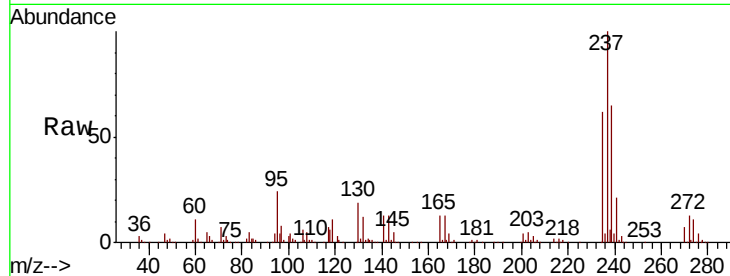
ClientSampleId :

SSTDCCC040

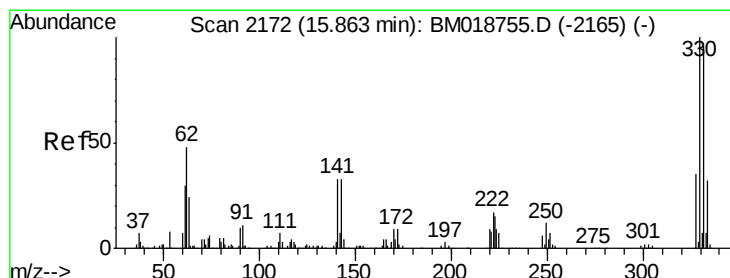
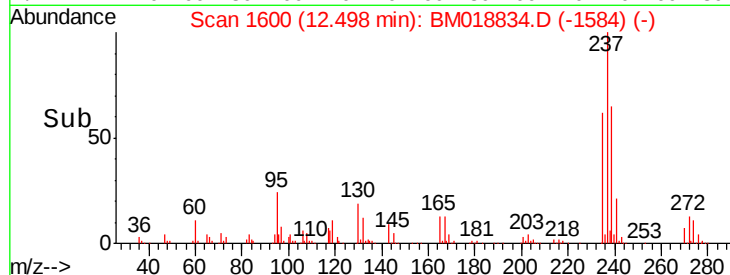
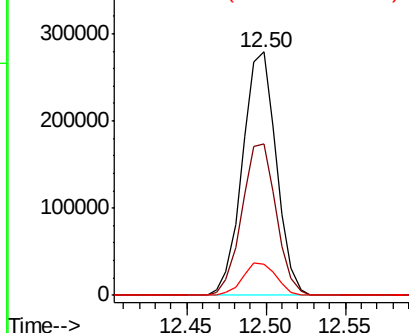
Tot Ion:	237	Resp:	413581
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.7	83.7
272	12.9	0.0	33.3

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 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: 83.436 ng

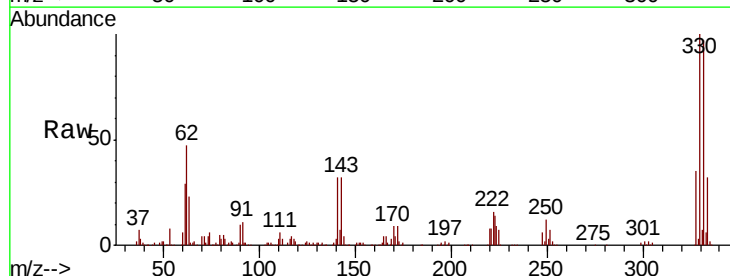
RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

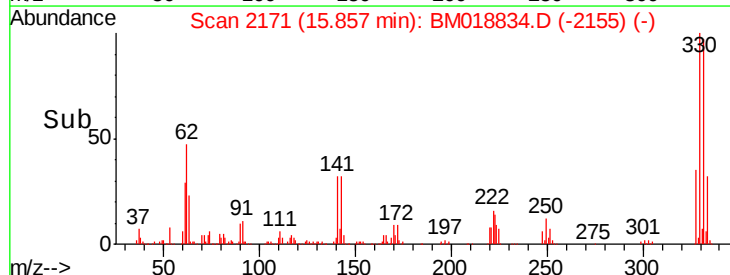
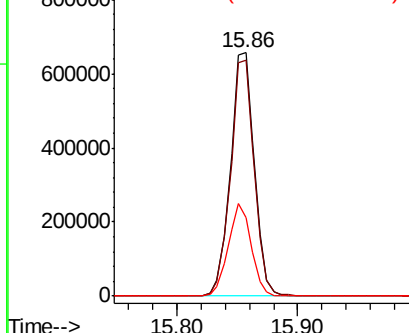
Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Tgt Ion:	330	Resp:	901773
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





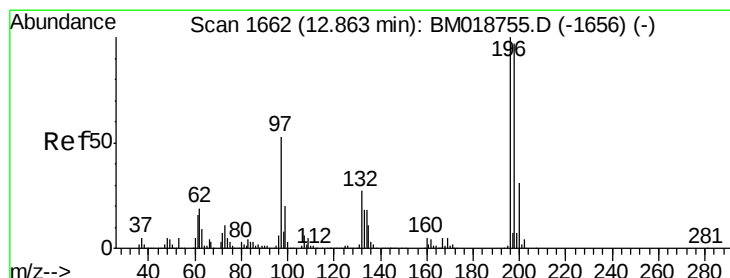
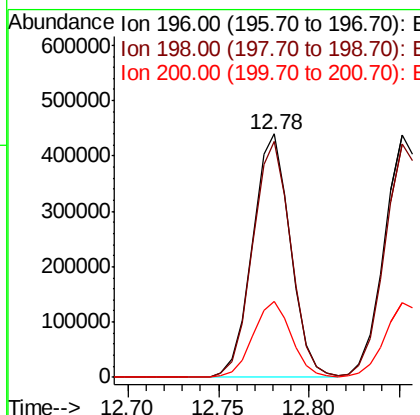
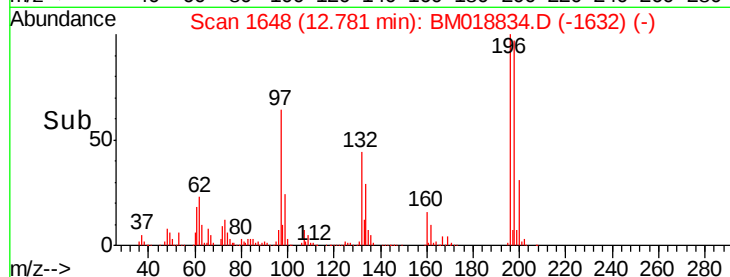
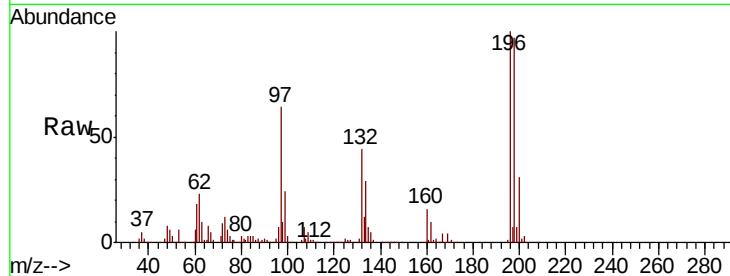
#43
 2,4,6-Trichlorophenol
 Concen: 40.273 ng
 RT: 12.78 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM018834.D
 Acq: 18 Feb 2019 12:35

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	639447		
198	97.0	76.2	114.2	
200	31.0	24.2	36.2	

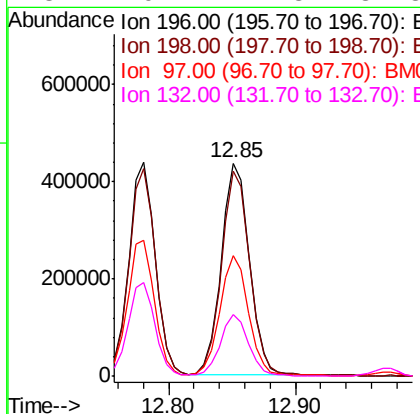
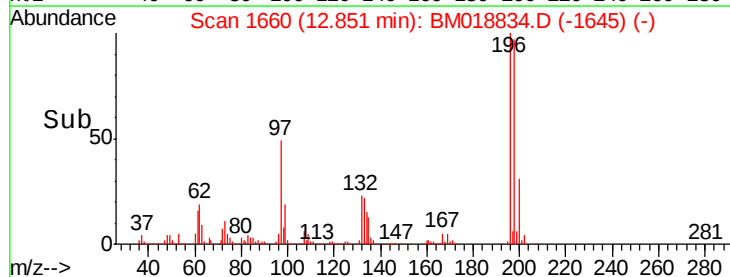
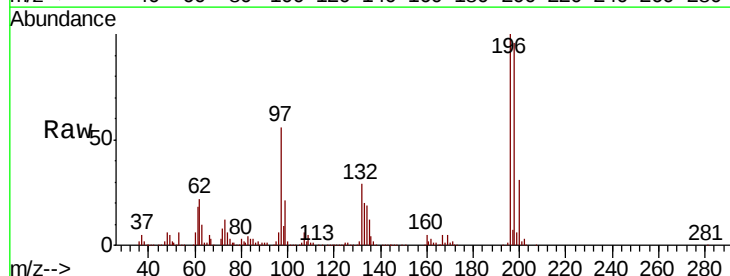
Manual Integrations
 APPROVED

Sohil
 2/19/2019 10:03:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.561 ng
 RT: 12.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018834.D
 Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	675031		
198	96.4	77.6	116.4	
97	56.3	42.8	64.2	
132	29.1	21.8	32.8	





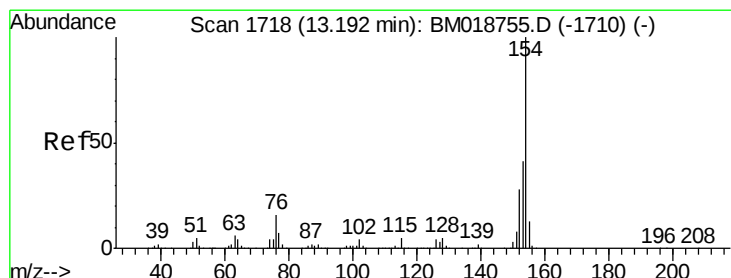
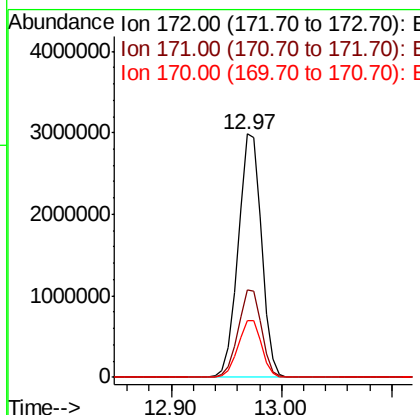
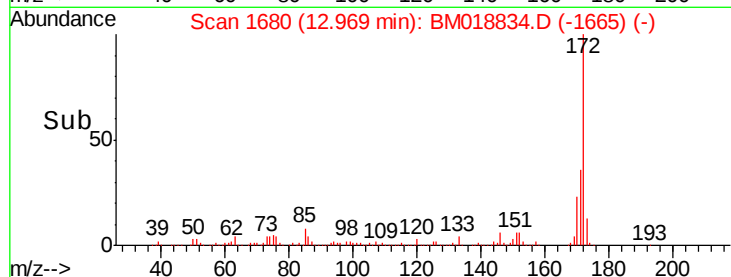
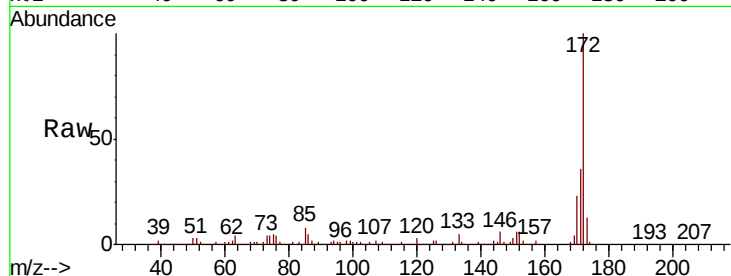
#45
2-Fluorobiphenyl
Concen: 78.386 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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

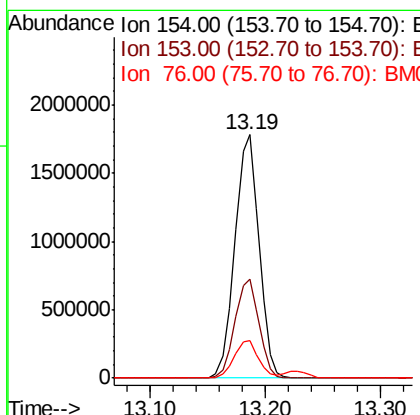
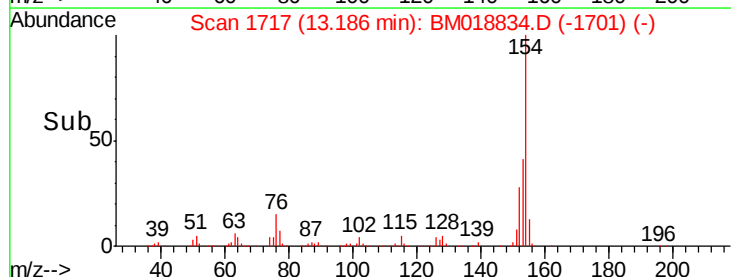
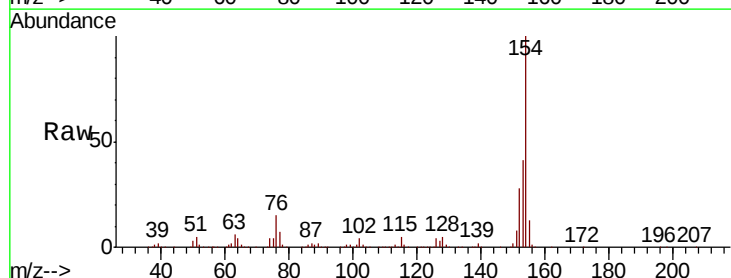
Manual Integrations
APPROVED

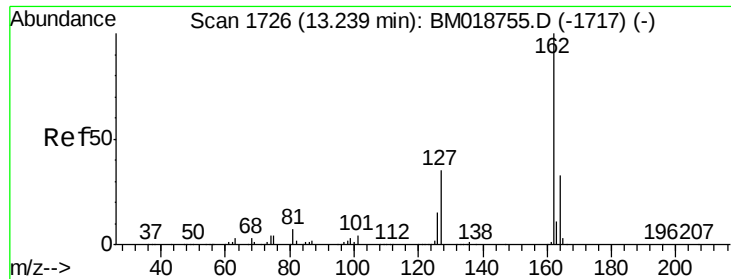
Sohil
2/19/2019 10:03:01 AM



#46
1,1'-Biphenyl
Concen: 39.778 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.1	61.1
76	15.3	0.0	35.7





#47

2-Chloronaphthalene

Concen: 39.720 ng

RT: 13.23 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:162 Resp: 1980034

Ion Ratio Lower Upper

162 100

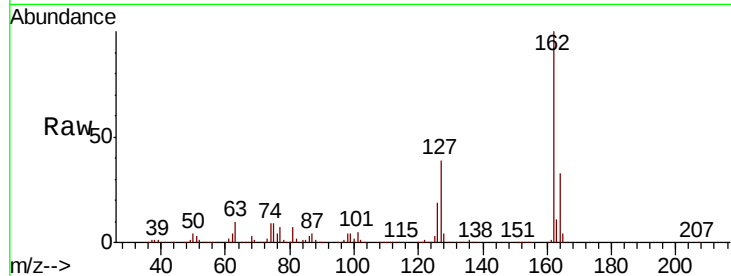
127 38.8 31.1 46.7

164 32.8 26.4 39.6

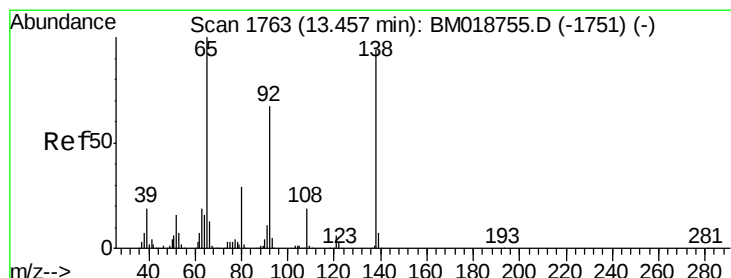
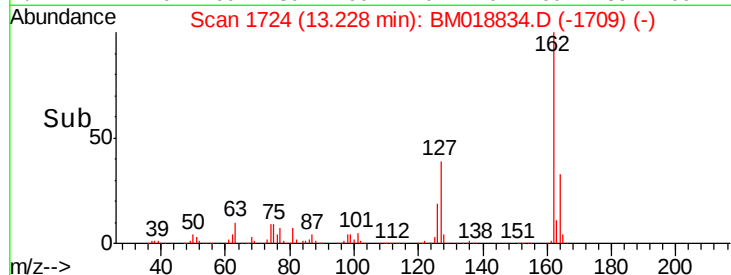
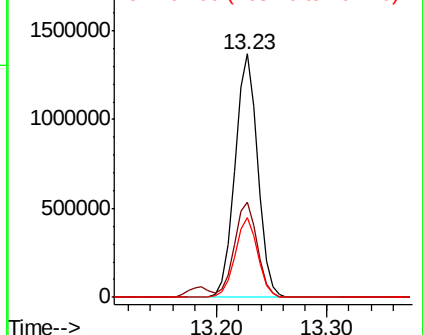
Manual Integrations
APPROVED

Sohil

2/19/2019 10:03:01 AM



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



#48

2-Nitroaniline

Concen: 43.773 ng

RT: 13.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

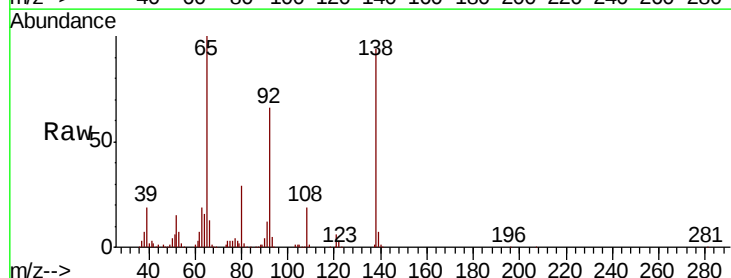
Tgt Ion: 65 Resp: 724699

Ion Ratio Lower Upper

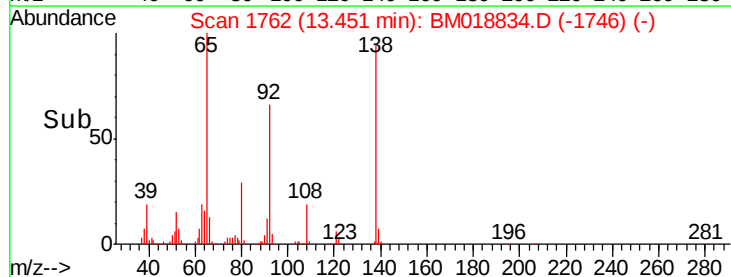
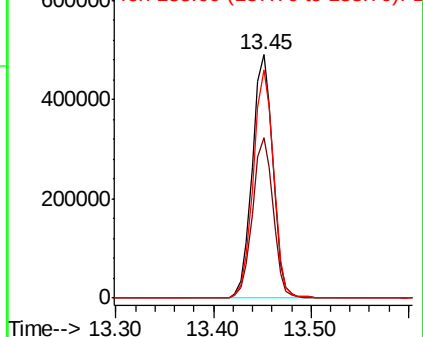
65 100

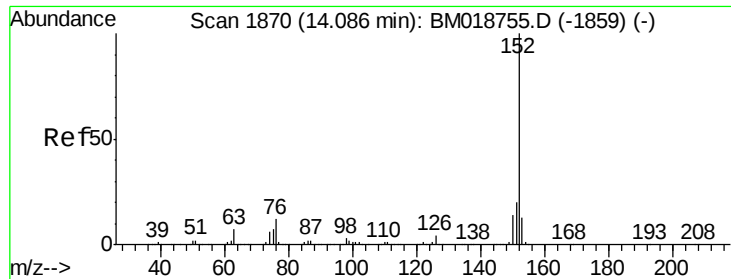
92 66.1 54.0 81.0

138 93.8 74.9 112.3



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





#49

Acenaphthylene

Concen: 40.874 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 3033955

Ion Ratio Lower Upper

152 100

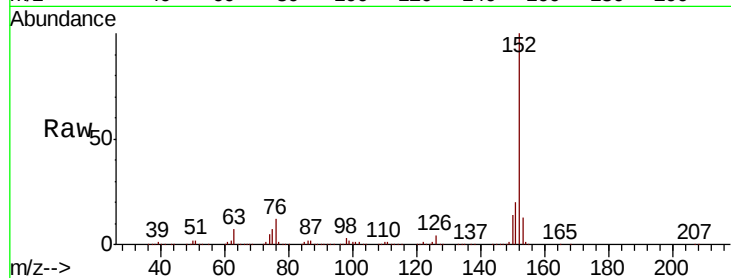
151 20.2 15.8 23.8

153 13.0 10.5 15.7

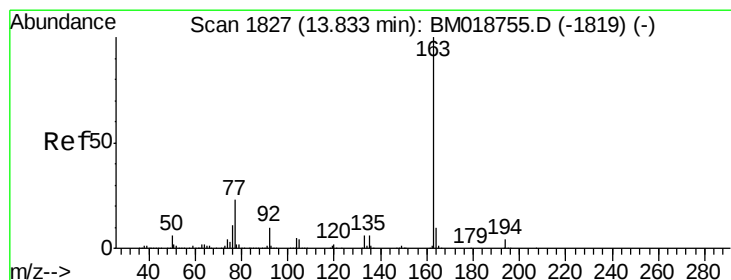
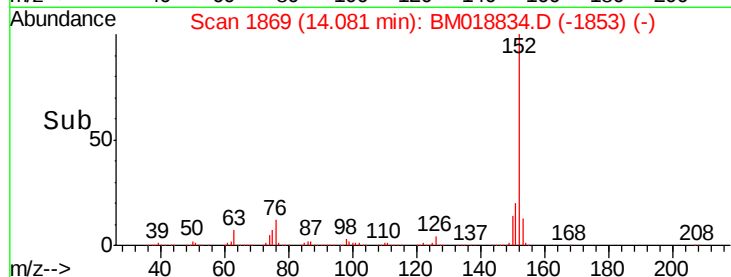
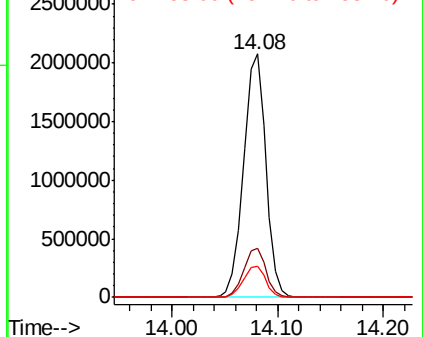
Manual Integrations
APPROVED

Sohil

2/19/2019 10:03:01 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: 40.270 ng

RT: 13.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

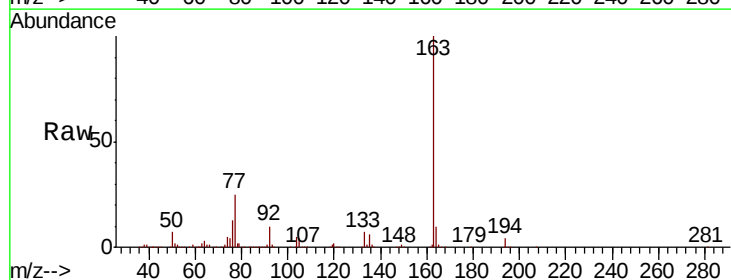
Tgt Ion:163 Resp: 2516353

Ion Ratio Lower Upper

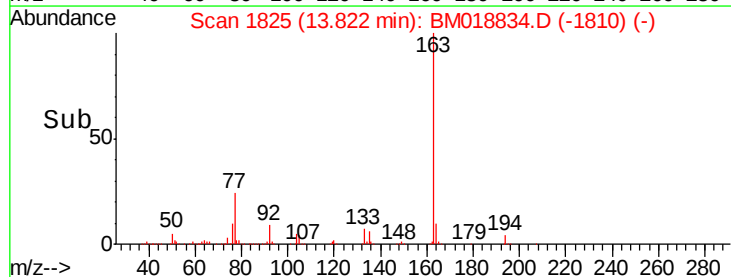
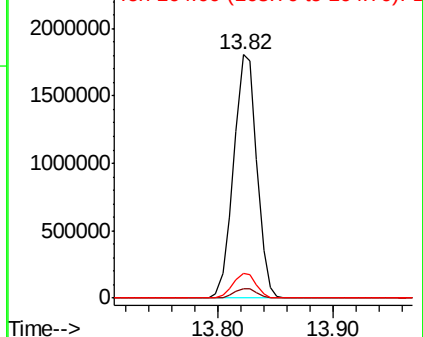
163 100

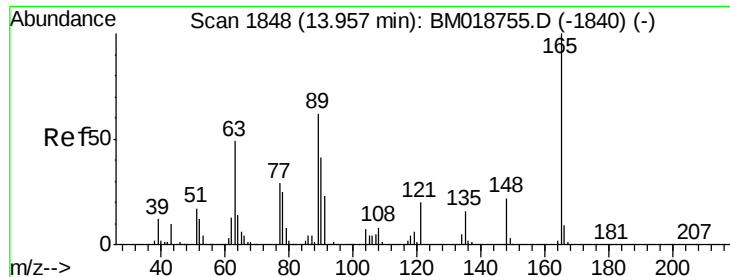
194 3.8 3.2 4.8

164 10.1 7.8 11.8



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





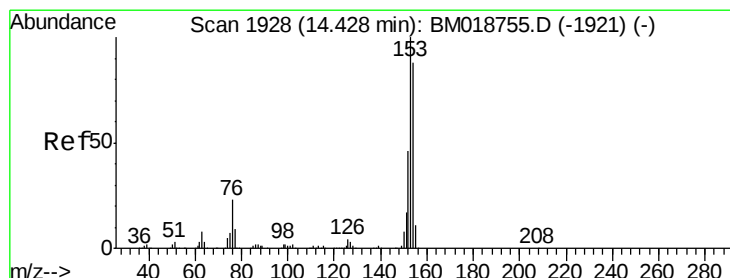
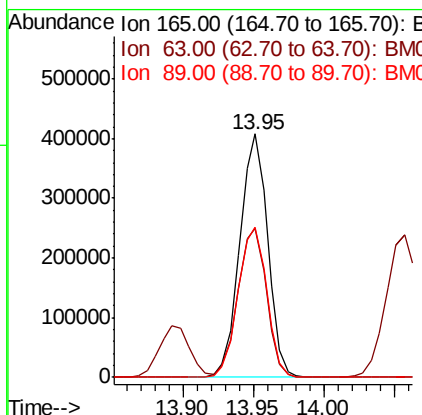
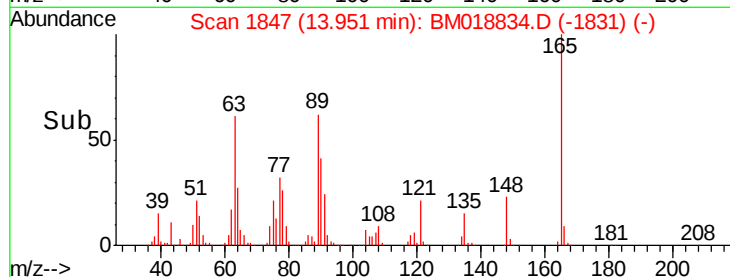
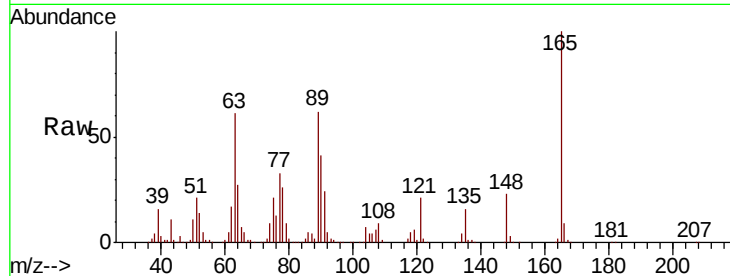
#51
2,6-Dinitrotoluene
Concen: 41.628 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	563471		
63	61.3	48.9	73.3	
89	61.5	49.4	74.0	

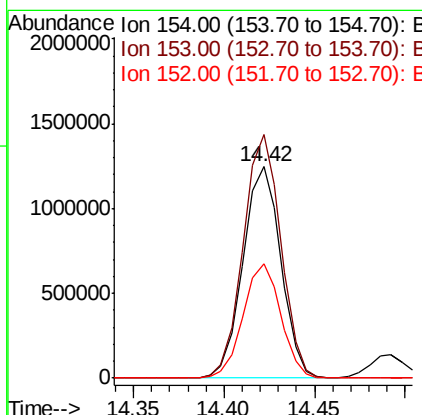
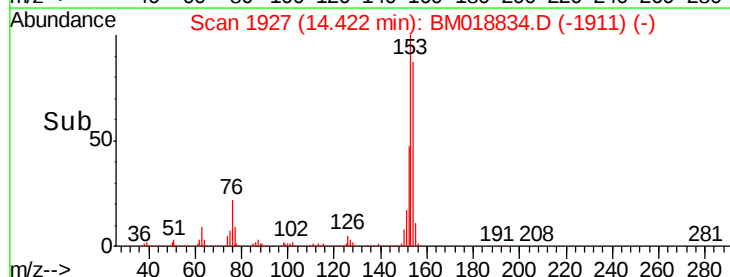
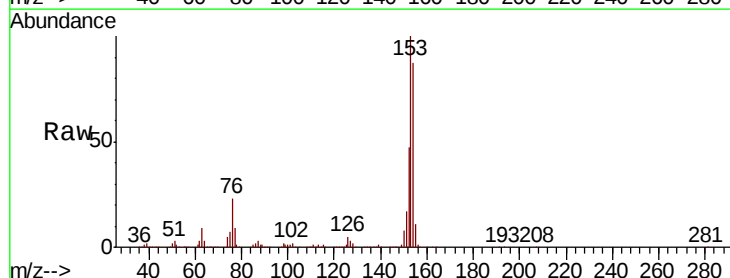
Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM



#52
Acenaphthene
Concen: 39.745 ng
RT: 14.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1808970		
153	115.3	91.3	136.9	
152	54.1	42.2	63.4	





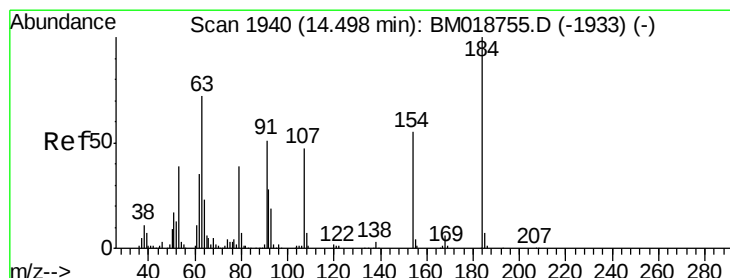
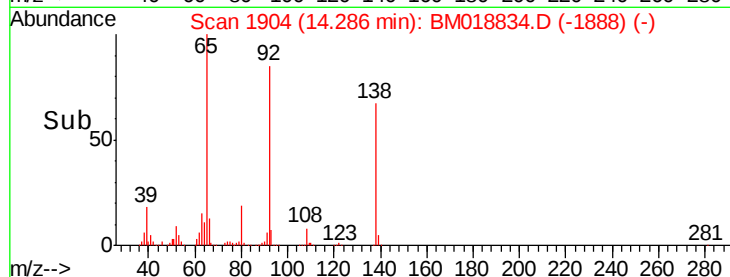
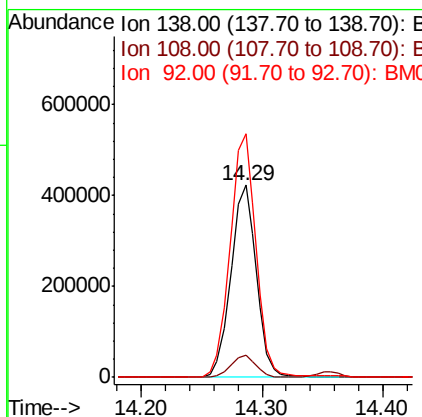
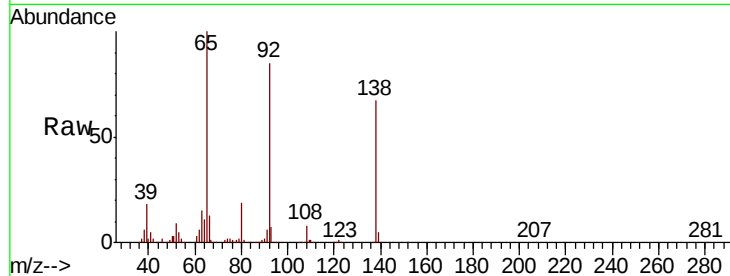
#53
3-Nitroaniline
Concen: 40.772 ng
RT: 14.29 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.1	13.7
92	126.6	99.7	149.5

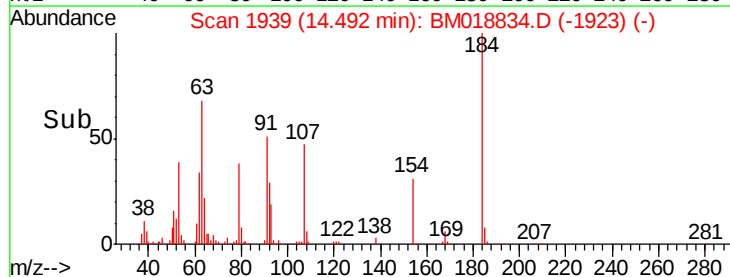
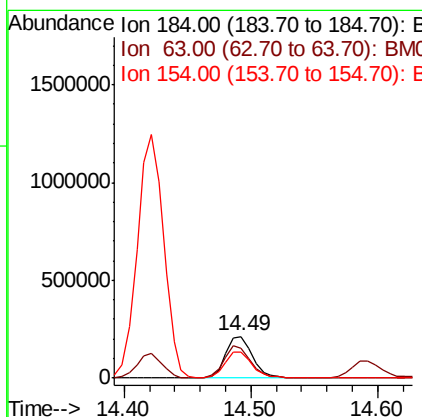
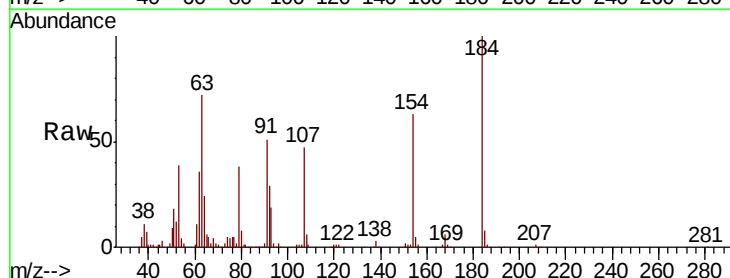
Manual Integrations
APPROVED

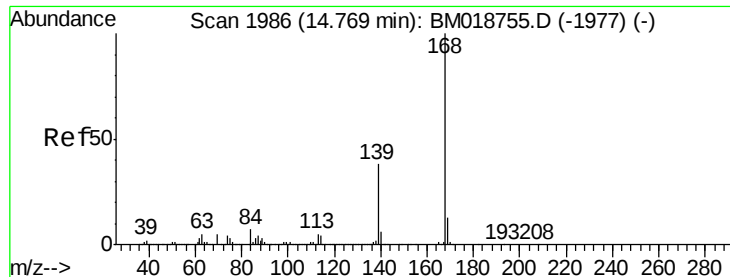
Sohil
2/19/2019 10:03:01 AM



#54
2,4-Dinitrophenol
Concen: 40.052 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.2	58.0	87.0
154	63.4	50.3	75.5





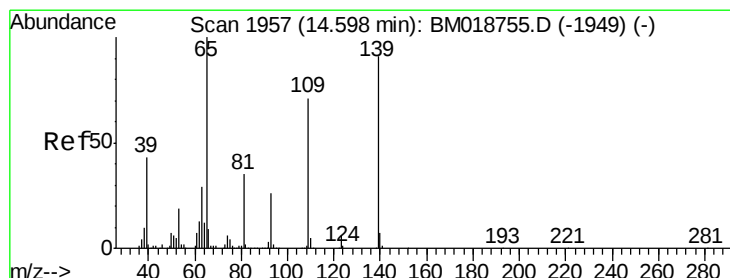
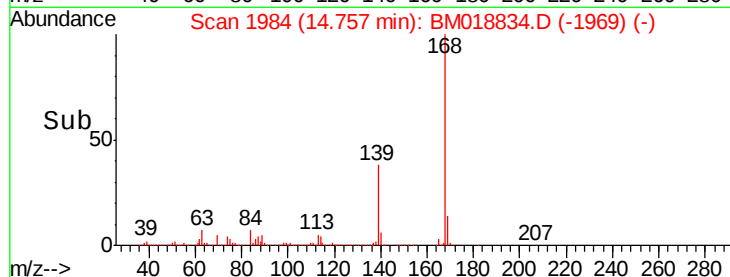
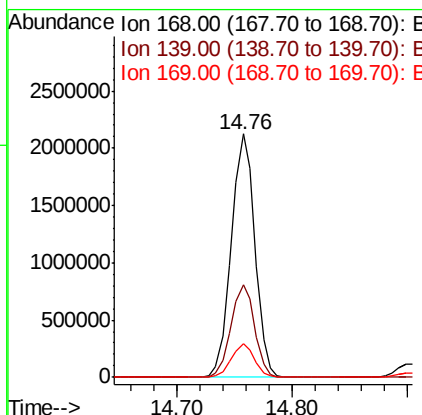
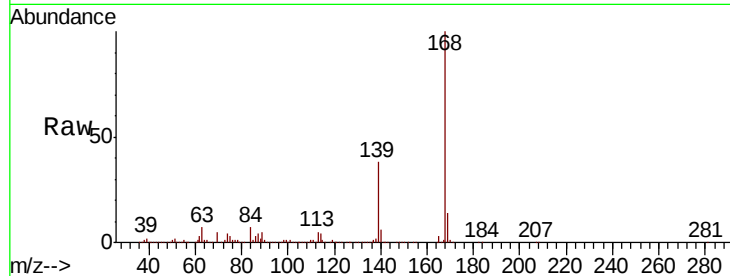
#55
Dibenzofuran
Concen: 40.090 ng
RT: 14.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.7	46.1
169	13.7	10.3	15.5

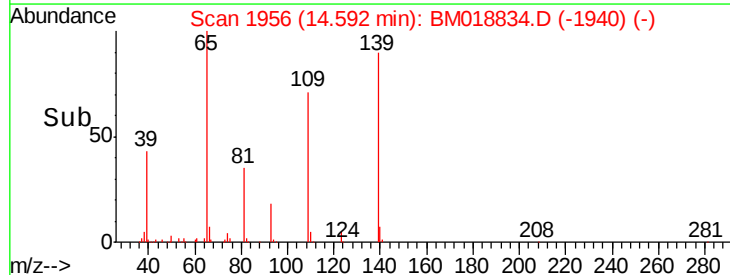
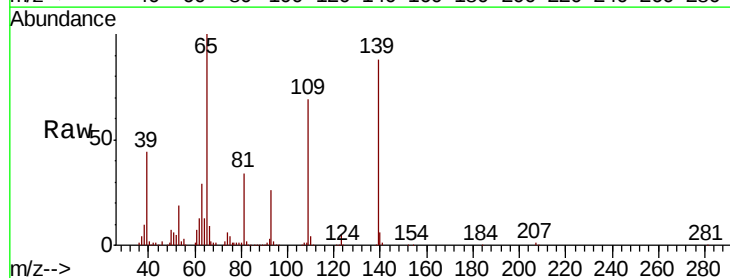
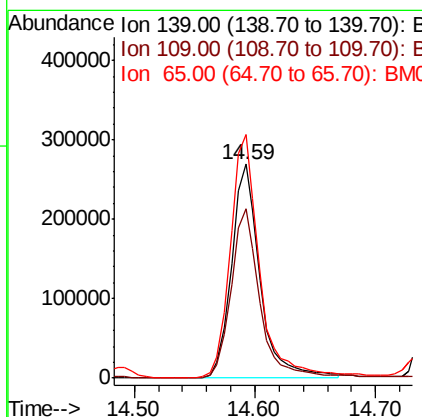
Manual Integrations
APPROVED

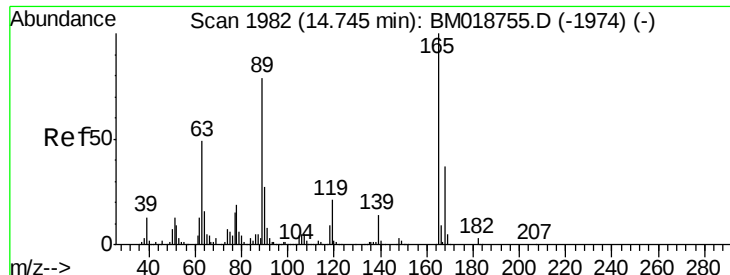
Sohil
2/19/2019 10:03:01 AM



#56
4-Nitrophenol
Concen: 36.495 ng
RT: 14.59 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.8	58.4	98.4
65	113.7	89.8	129.8





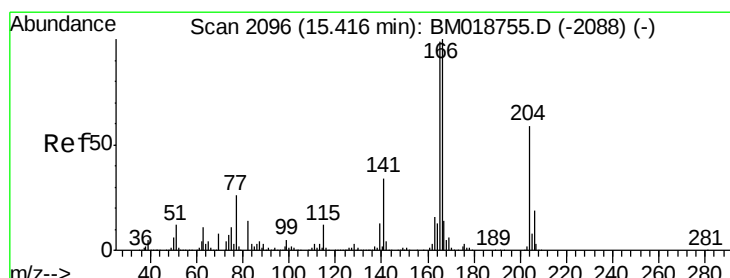
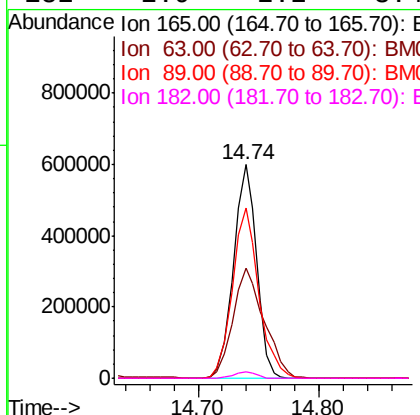
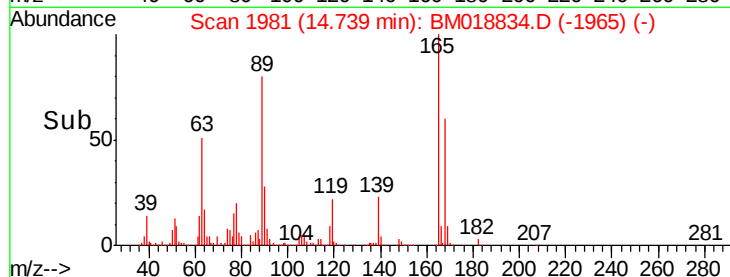
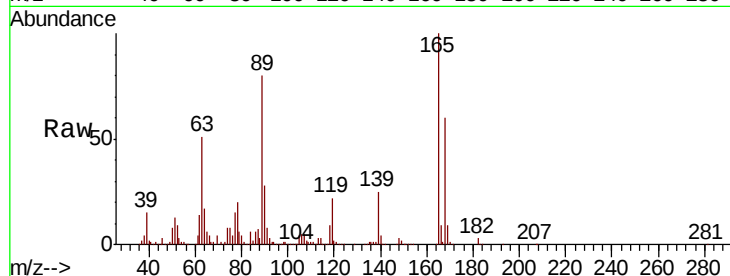
#57
2,4-Dinitrotoluene
Concen: 42.904 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		800161		
63	51.3	39.6	59.4		
89	79.8	63.5	95.3		
182	2.9	2.2	3.4		

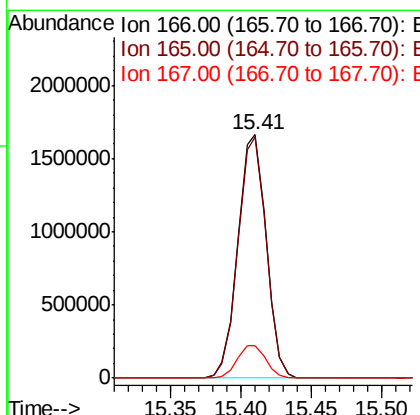
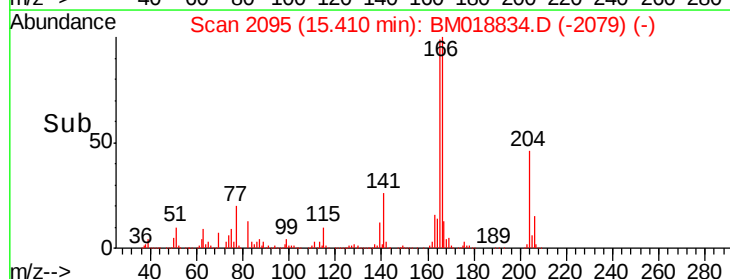
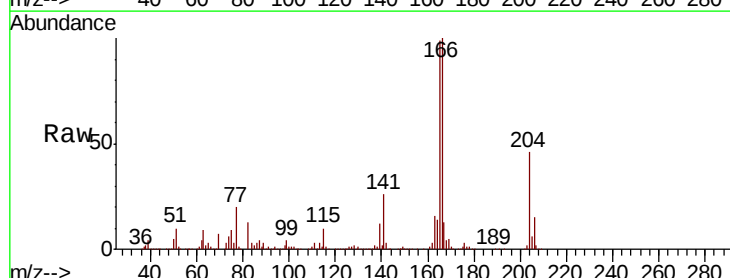
Manual Integrations
APPROVED

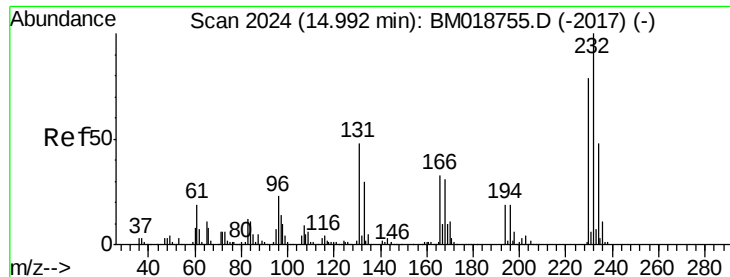
Sohil
2/19/2019 10:03:01 AM



#58
Fluorene
Concen: 40.692 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2328880		
165	98.8	79.1	118.7		
167	13.4	11.0	16.4		





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.040 ng

RT: 14.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

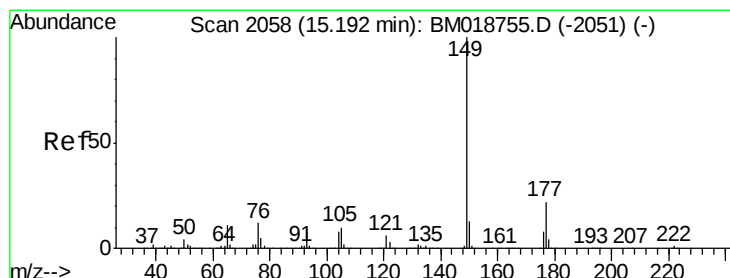
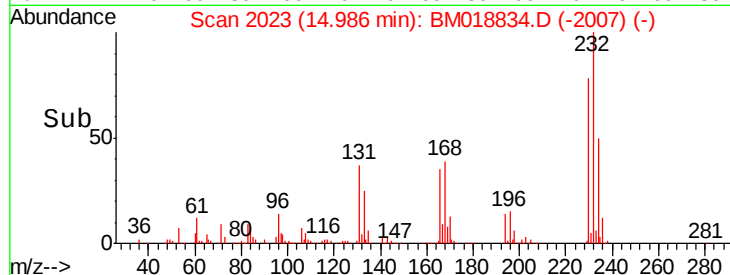
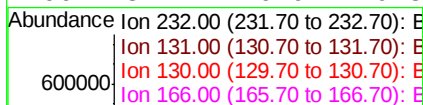
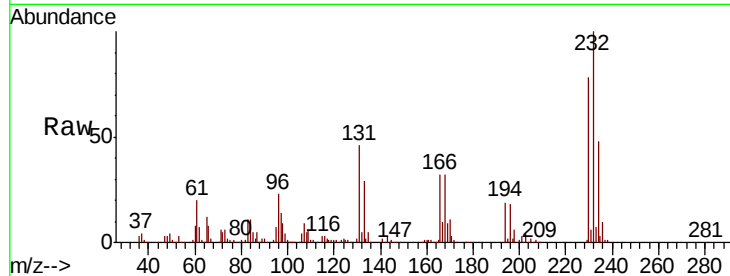
ClientSampleId :

SSTDCCC040

Tot Ion:	232	Resp:	603713
Ion Ratio	Lower	Upper	
232	100		
131	49.3	38.6	57.8
130	2.6	2.0	3.0
166	34.4	26.9	40.3

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM



#60

Diethylphthalate

Concen: 40.698 ng

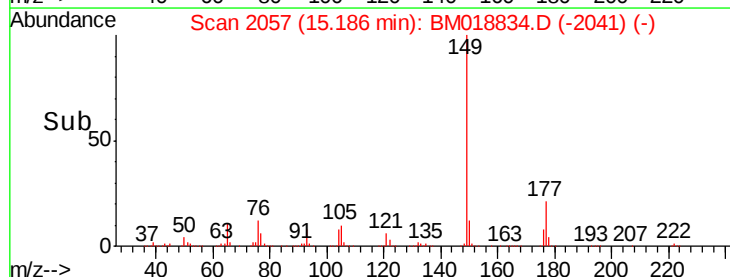
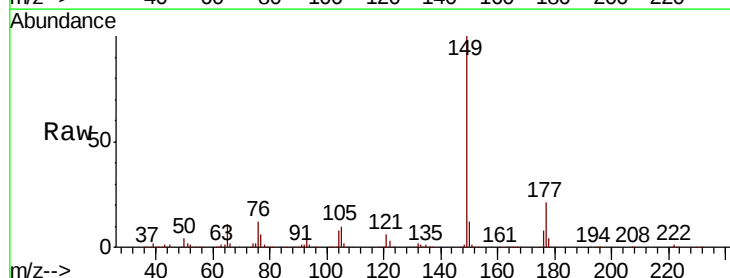
RT: 15.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Tgt Ion:	149	Resp:	2623314
Ion Ratio	Lower	Upper	
149	100		
177	21.4	17.2	25.8
150	12.1	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 39.698 ng

RT: 15.40 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:204 Resp: 1273862

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.2

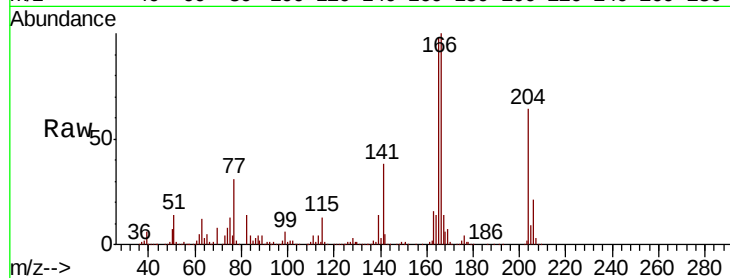
141 59.5 49.2 73.8

Manual Integrations

APPROVED

Sohil

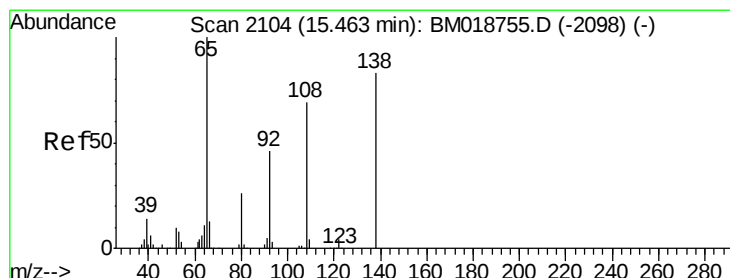
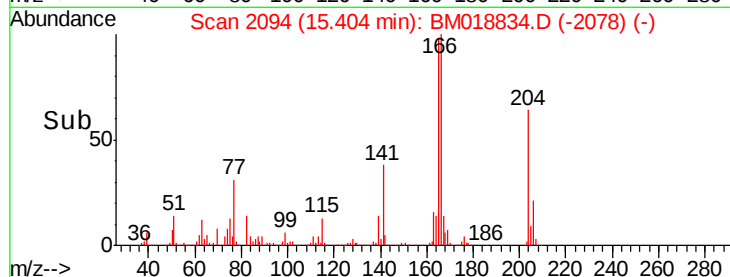
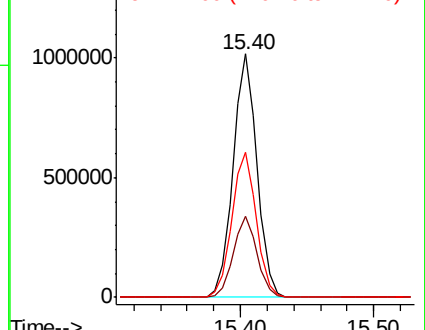
2/19/2019 10:03:01 AM



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: 39.206 ng

RT: 15.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

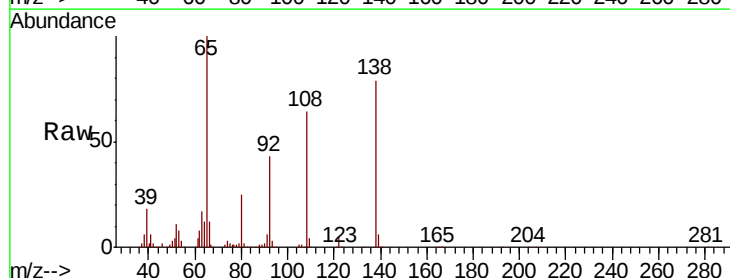
Tgt Ion:138 Resp: 587853

Ion Ratio Lower Upper

138 100

92 54.6 35.5 75.5

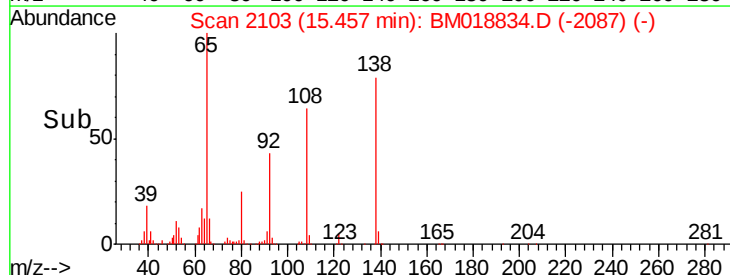
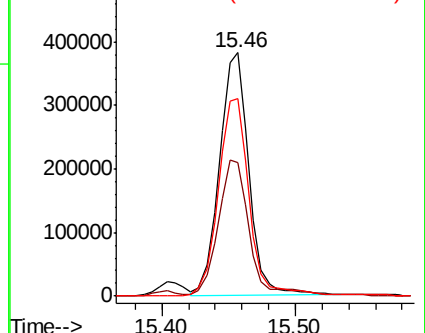
108 81.2 62.4 102.4

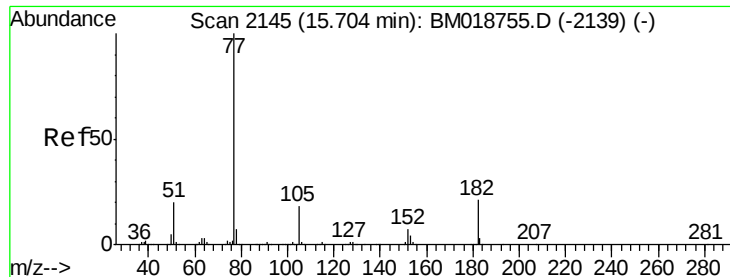


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.275 ng

RT: 15.70 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 2921709

Ion Ratio Lower Upper

77 100

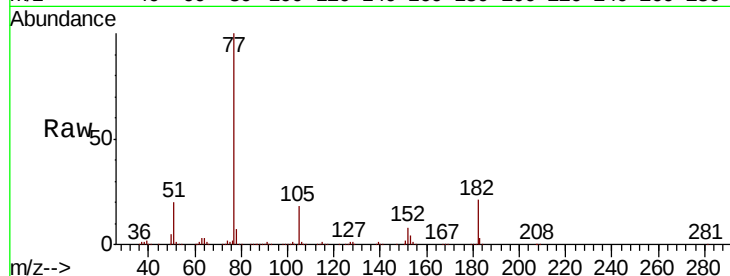
182 21.4 1.0 41.0

105 18.0 0.0 37.7

51 20.3 0.3 40.3

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM

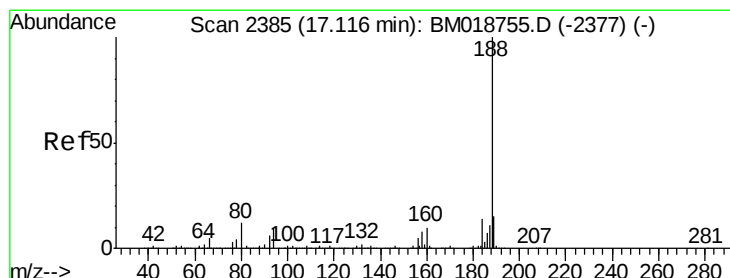
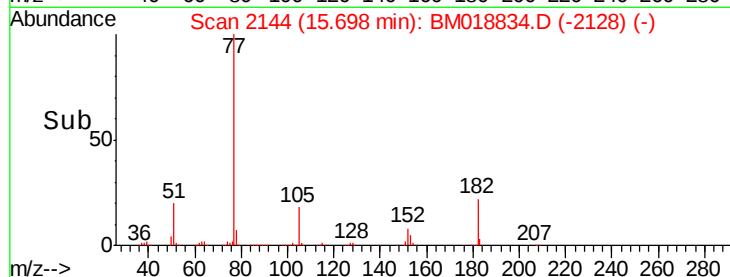
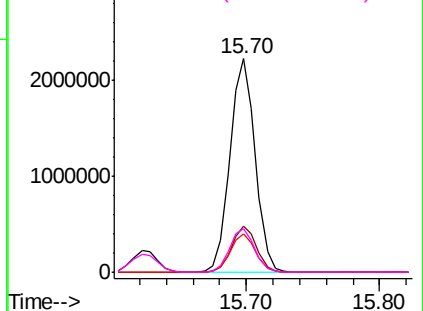


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

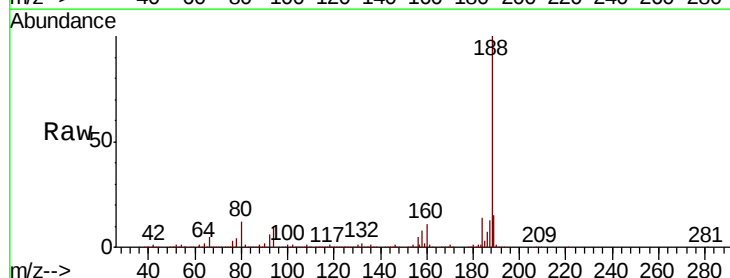
Tgt Ion: 188 Resp: 1754382

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

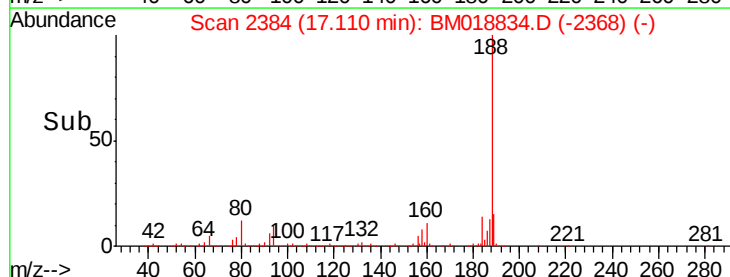
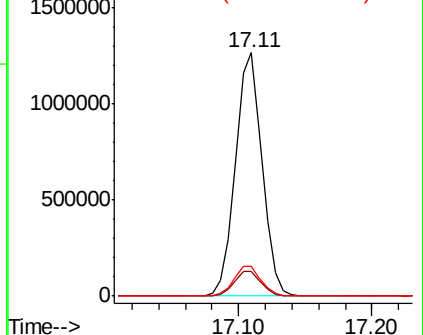
80 12.3 9.7 14.5

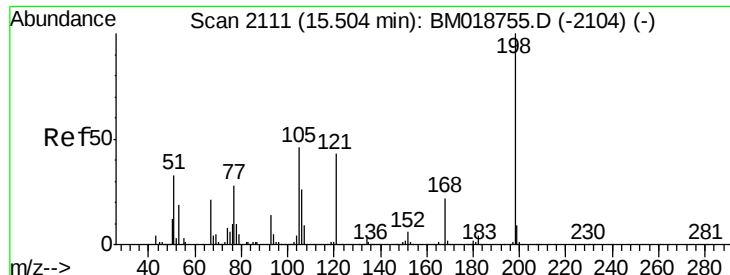


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





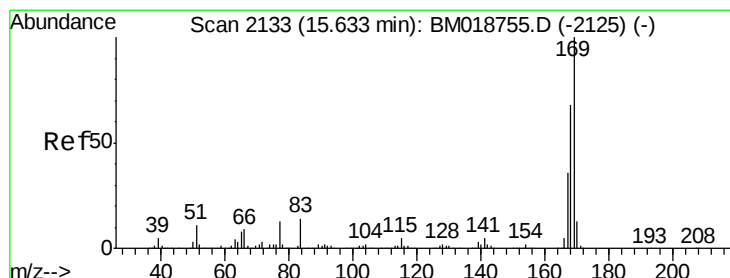
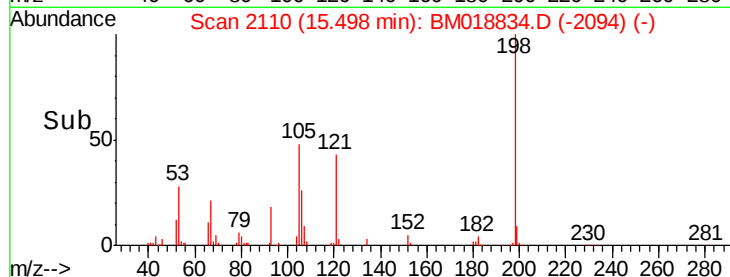
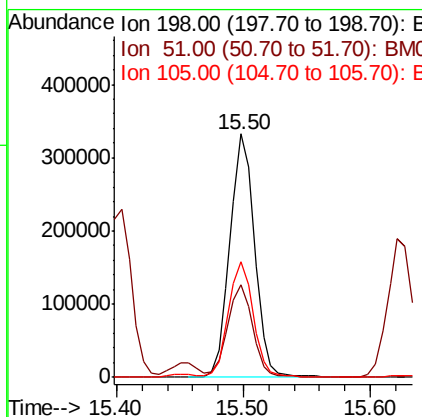
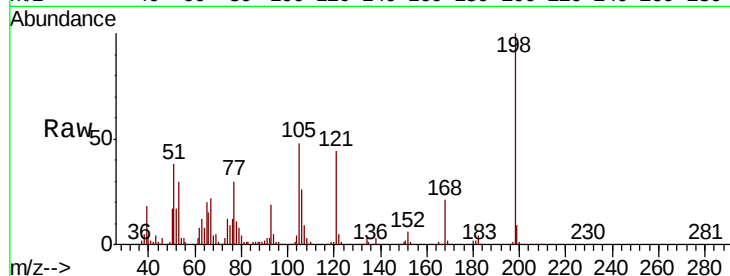
#65
4,6-Dinitro-2-methylphenol
Concen: 36.375 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	448052		
51	37.8		18.4	58.4
105	47.7		27.2	67.2

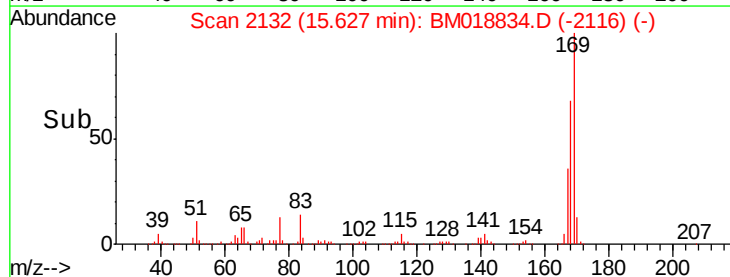
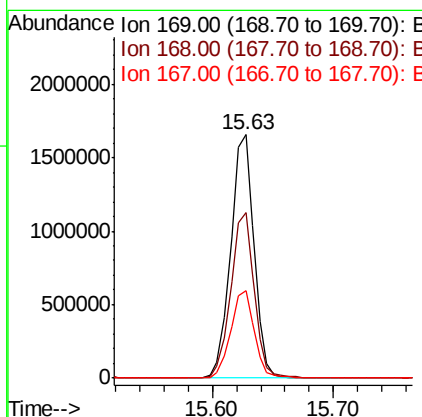
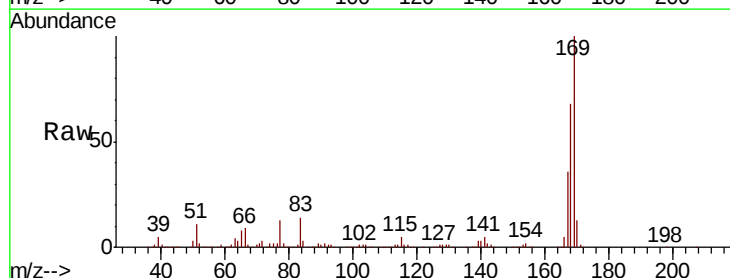
Manual Integrations
APPROVED

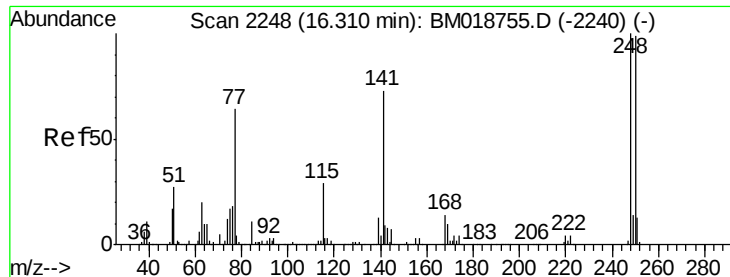
Sohil
2/19/2019 10:03:01 AM



#66
n-Nitrosodiphenylamine
Concen: 40.120 ng
RT: 15.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2223769		
168	68.2		54.4	81.6
167	35.8		29.0	43.6





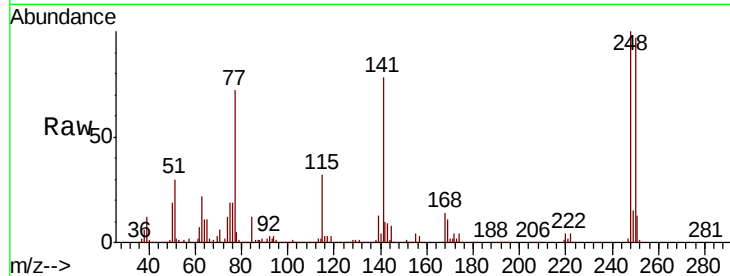
#67
4-Bromophenyl-phenylether
Concen: 39.138 ng
RT: 16.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

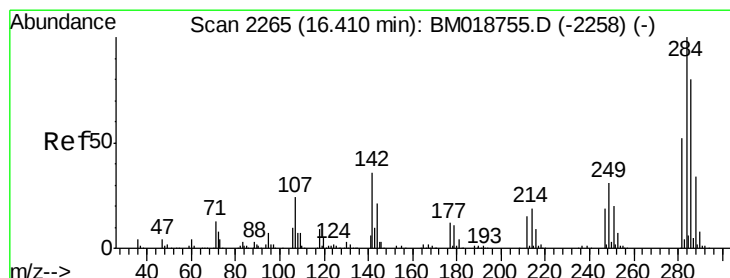
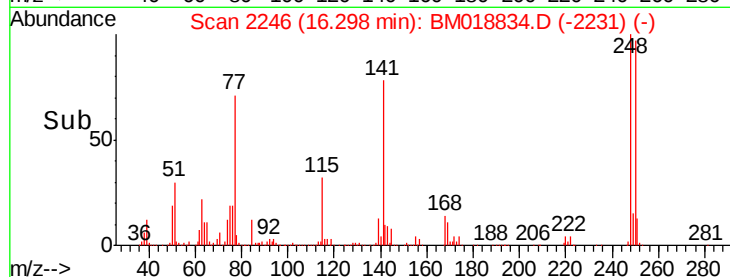
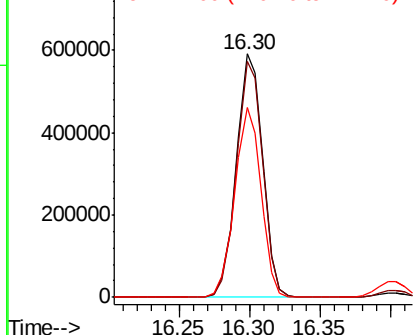
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.0	118.6
141	78.1	58.6	88.0

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM



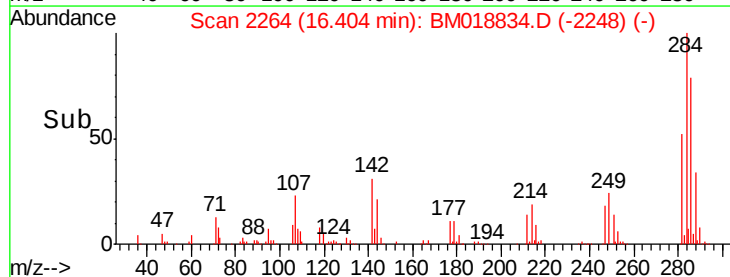
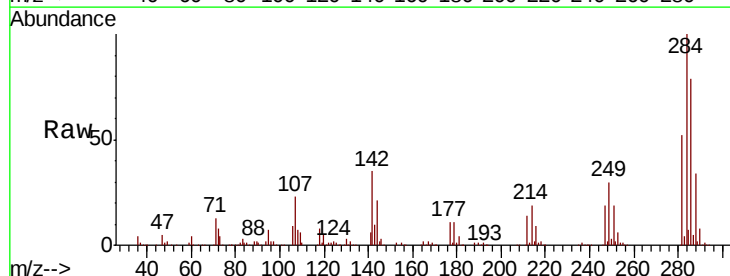
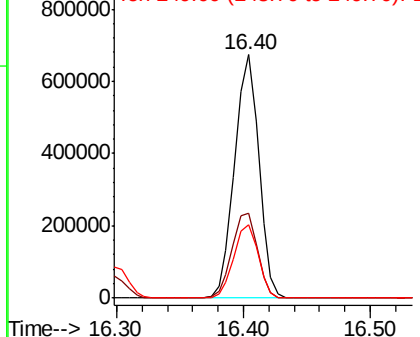
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.020 ng
RT: 16.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	28.9	43.3
249	30.0	24.8	37.2

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





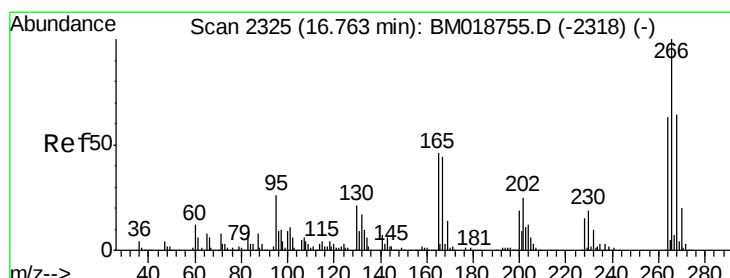
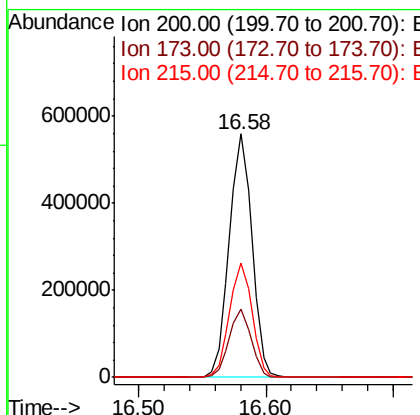
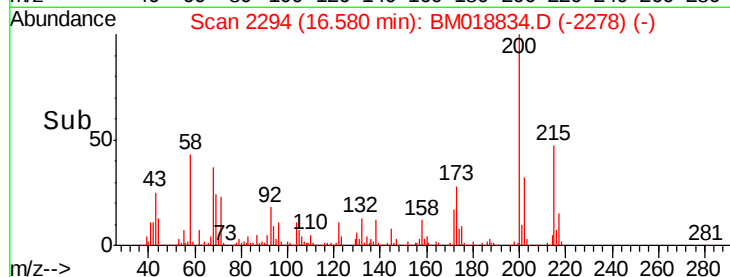
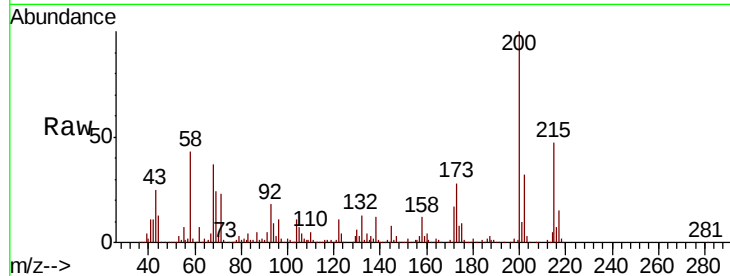
#69
Atrazine
Concen: 38.760 ng
RT: 16.58 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	692615		
173	27.9	7.6	47.6	
215	47.1	27.6	67.6	

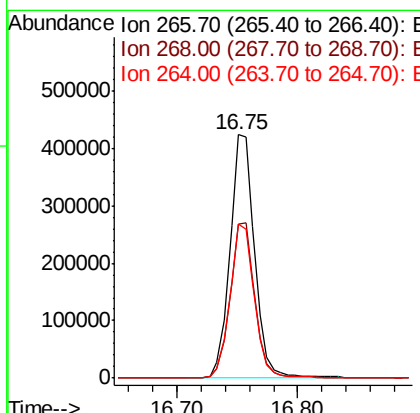
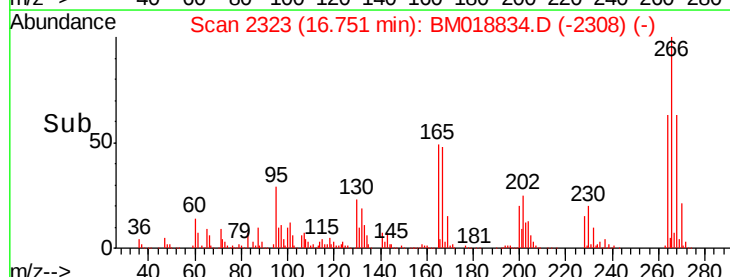
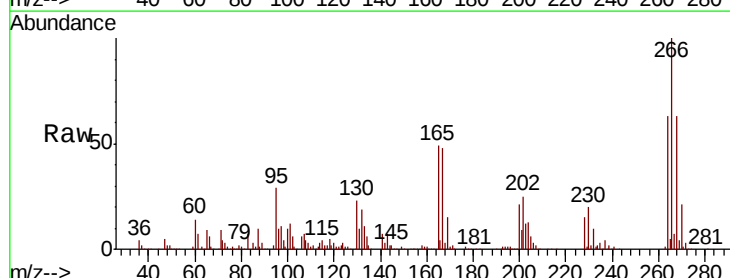
Manual Integrations
APPROVED

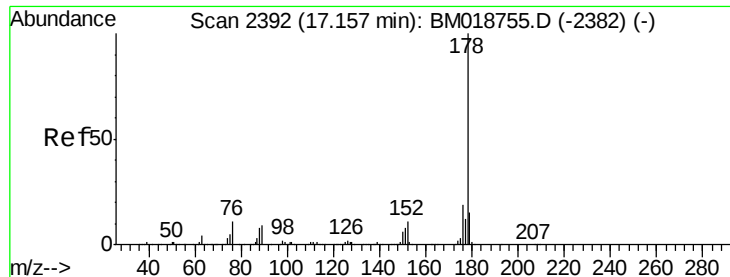
Sohil
2/19/2019 10:03:01 AM



#70
Pentachlorophenol
Concen: 40.946 ng
RT: 16.75 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	601780		
268	63.4	51.3	76.9	
264	63.2	50.6	75.8	





#71

Phenanthrene

Concen: 39.841 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 3756330

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

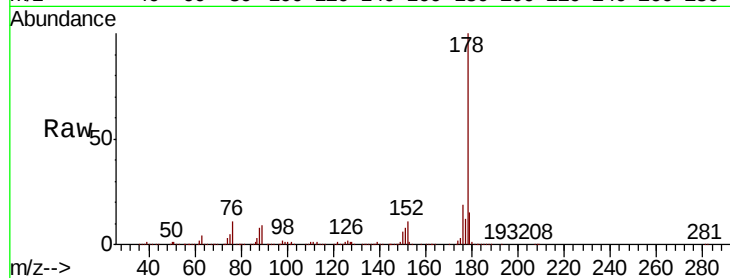
179 15.2 12.3 18.5

Manual Integrations

APPROVED

Sohil

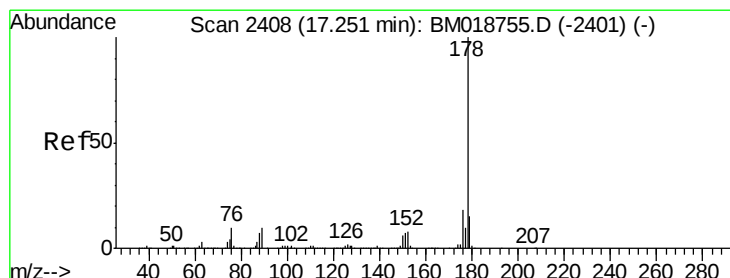
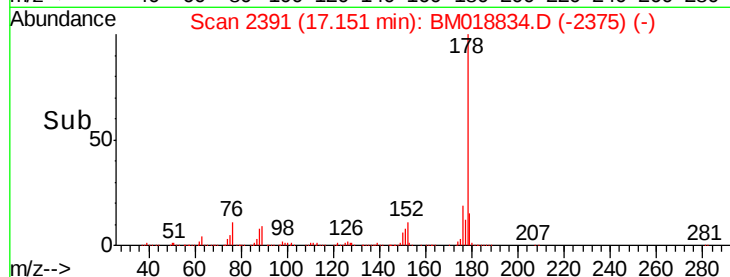
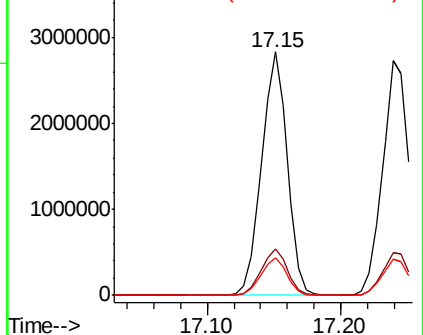
2/19/2019 10:03:01 AM



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: 40.763 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Tgt Ion:178 Resp: 3740794

Ion Ratio Lower Upper

178 100

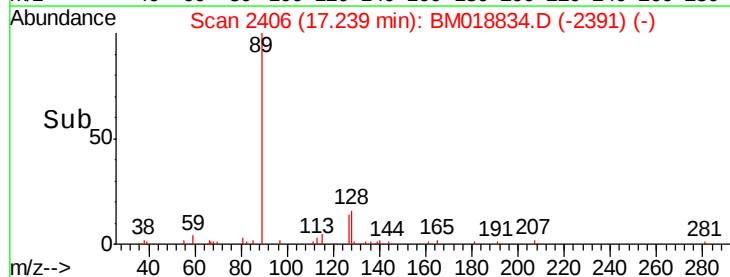
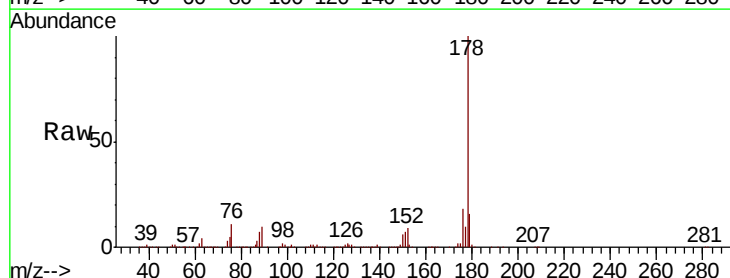
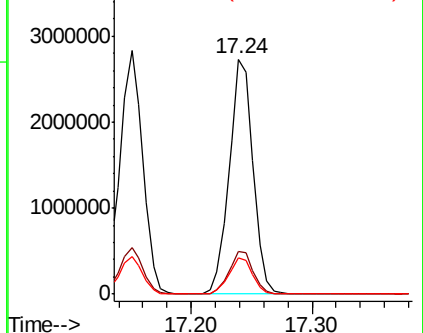
176 18.4 14.8 22.2

179 15.5 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





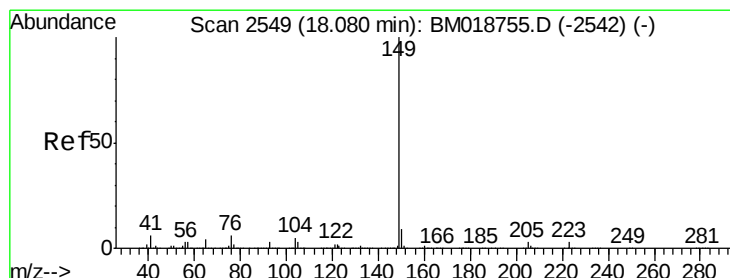
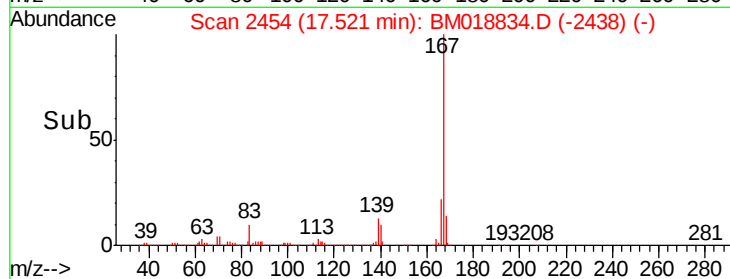
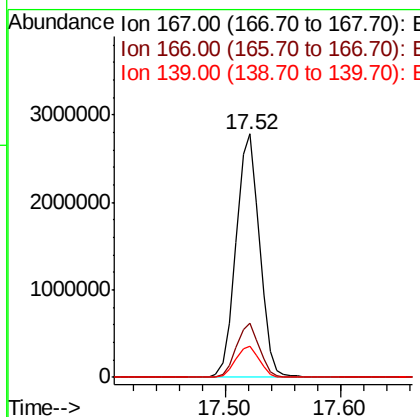
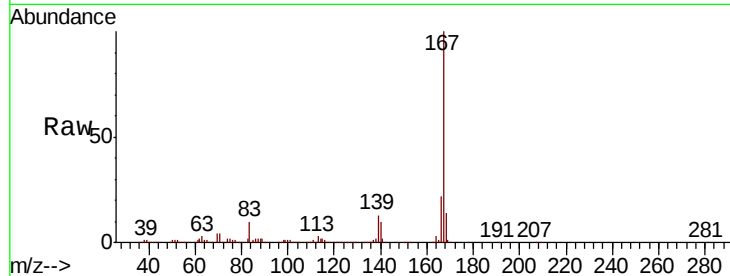
#73
 Carbazole
 Concen: 40.823 ng
 RT: 17.52 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM018834.D
 Acq: 18 Feb 2019 12:35

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	13.0	10.9	16.3

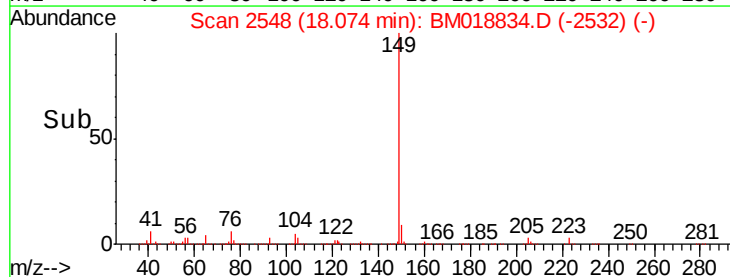
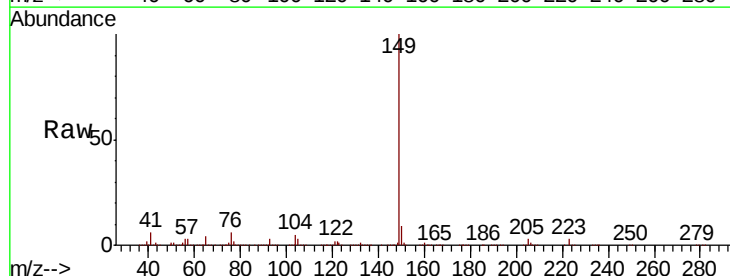
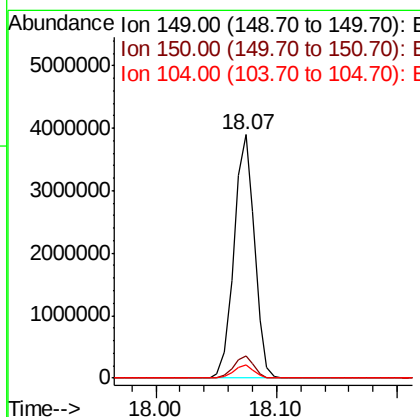
Manual Integrations
 APPROVED

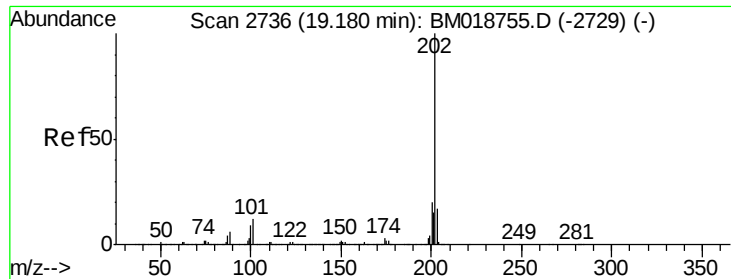
Sohil
 2/19/2019 10:03:01 AM



#74
 Di-n-butylphthalate
 Concen: 41.739 ng
 RT: 18.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BM018834.D
 Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 40.371 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

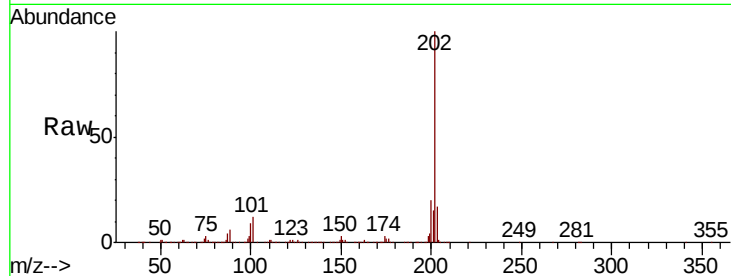
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	4396802
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.5
203	17.2	0.0	37.3

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM

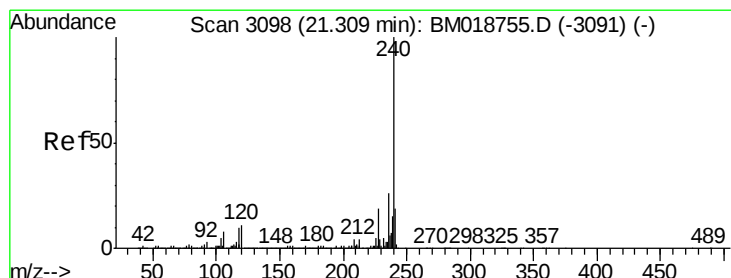
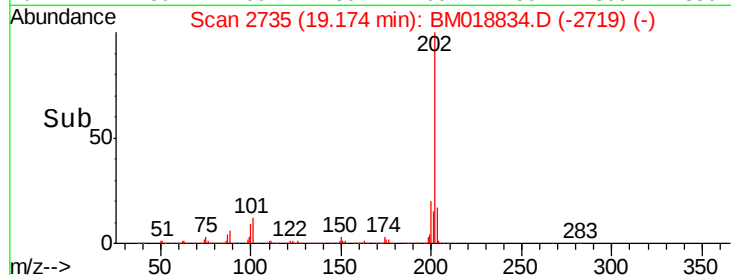
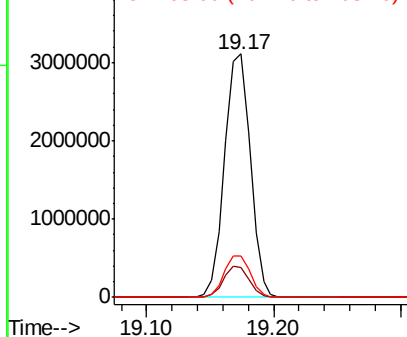


Abundance

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# 3097

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

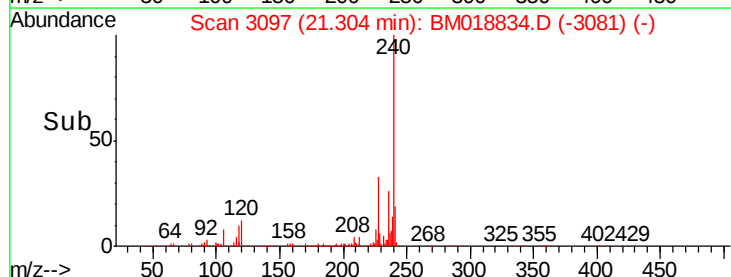
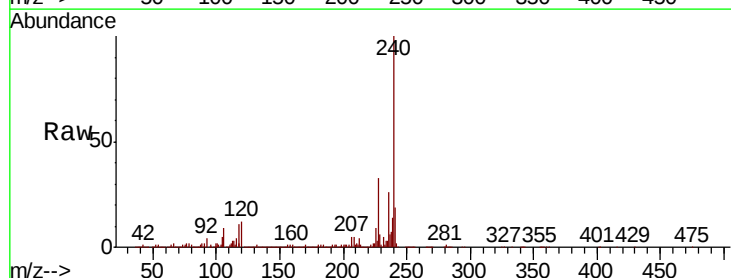
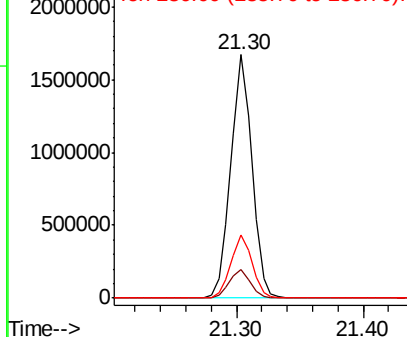
Tgt Ion:	240	Resp:	1925056
Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	26.1	20.9	31.3

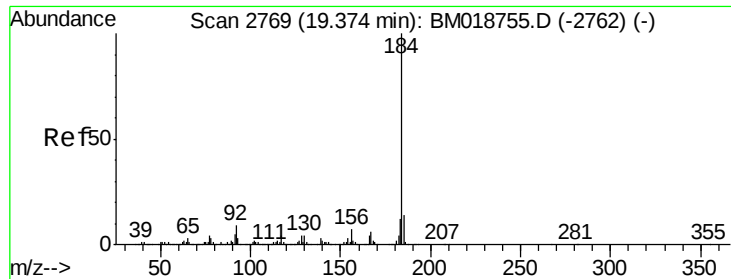
Abundance

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





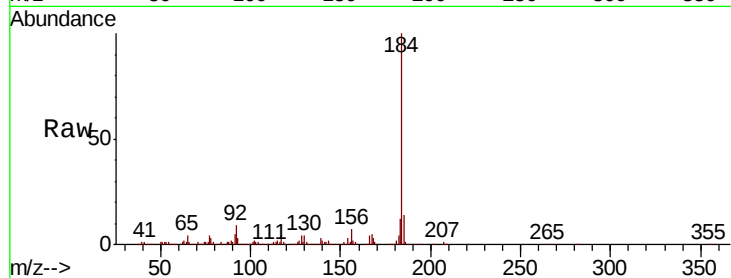
#77
Benzidine
Concen: 33.898 ng
RT: 19.37 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.2	16.8
183	12.3	9.7	14.5

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM

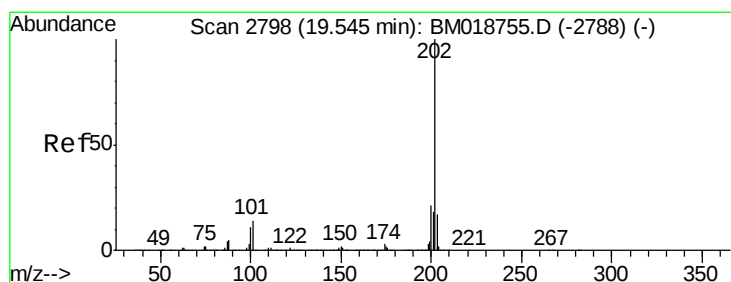
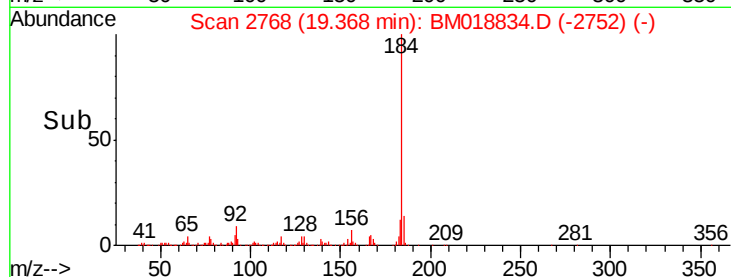
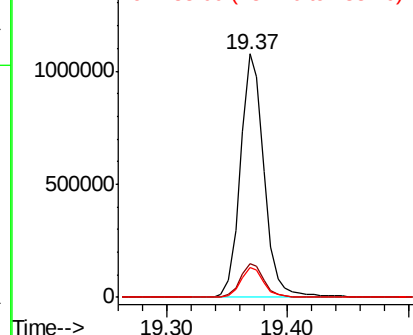


Abundance

Ion 184.00 (183.70 to 184.70): E

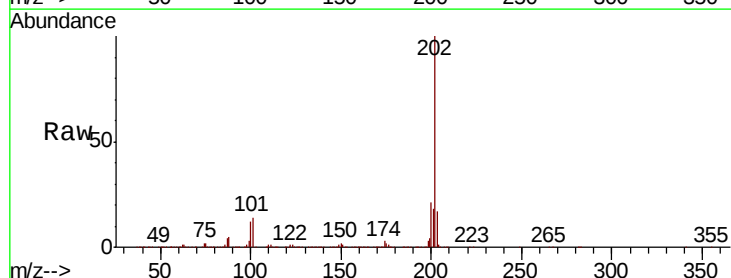
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 41.326 ng
RT: 19.54 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	13.8	20.8

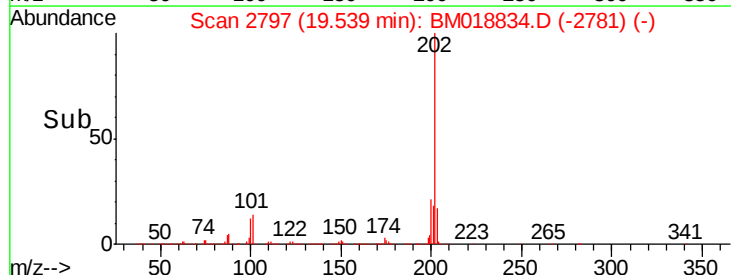
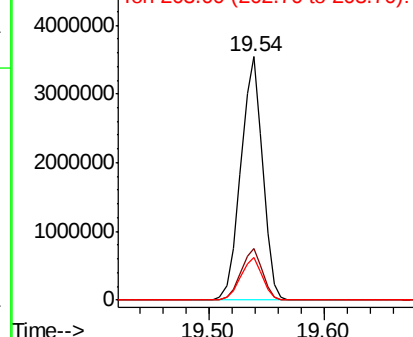


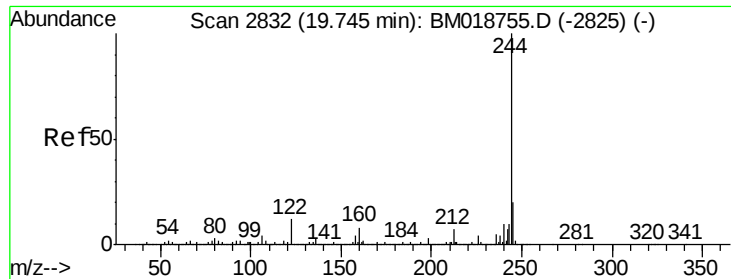
Abundance

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





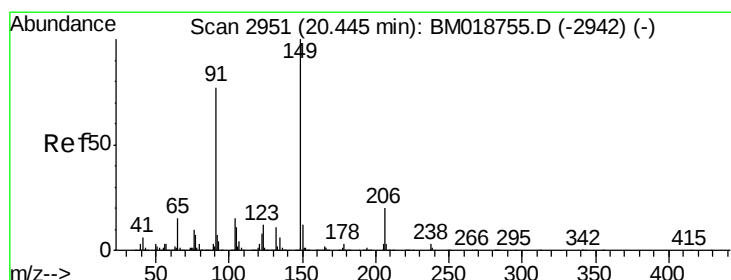
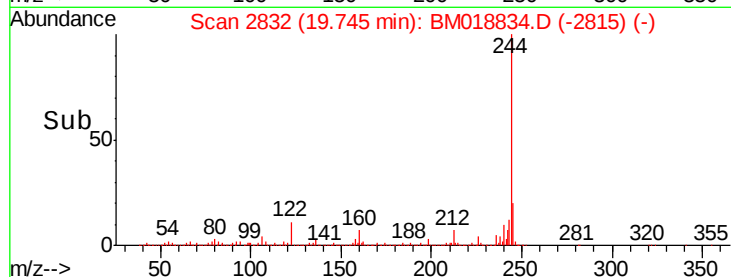
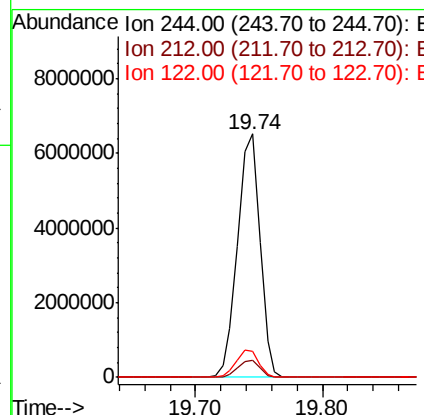
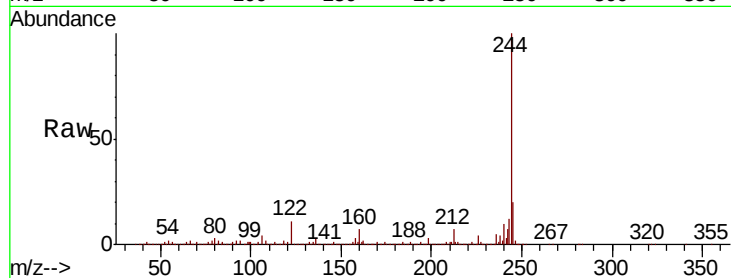
#79
 Terphenyl-d14
 Concen: 85.519 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018834.D
 Acq: 18 Feb 2019 12:35

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Lower	Upper
244	100			
212	7.1	5.6	8.4	
122	10.6	9.3	13.9	

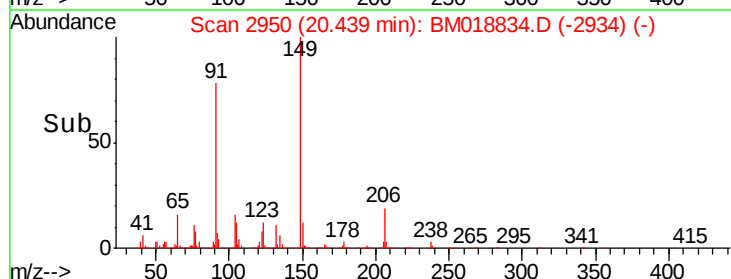
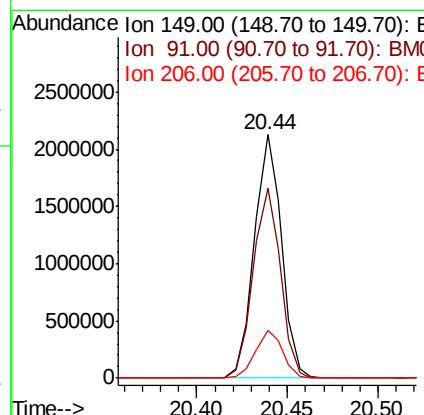
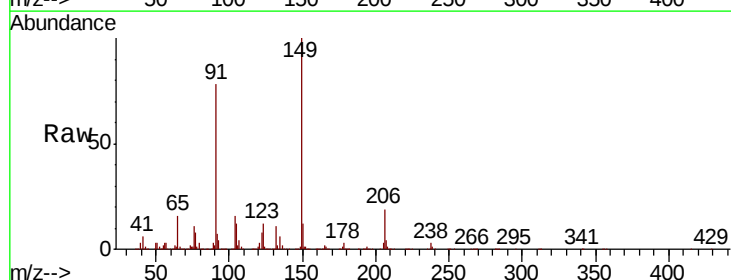
Manual Integrations
 APPROVED

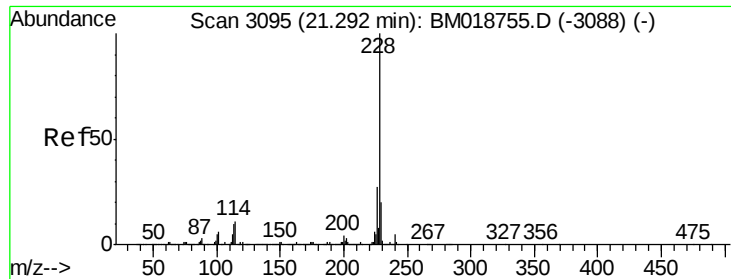
Sohil
 2/19/2019 10:03:01 AM



#80
 Butylbenzylphthalate
 Concen: 43.327 ng
 RT: 20.44 min Scan# 2950
 Delta R.T. -0.01 min
 Lab File: BM018834.D
 Acq: 18 Feb 2019 12:35

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
91	78.0	61.4	92.0	
206	19.4	15.8	23.8	





#81

Benzo(a)anthracene

Concen: 40.222 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 4513498

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

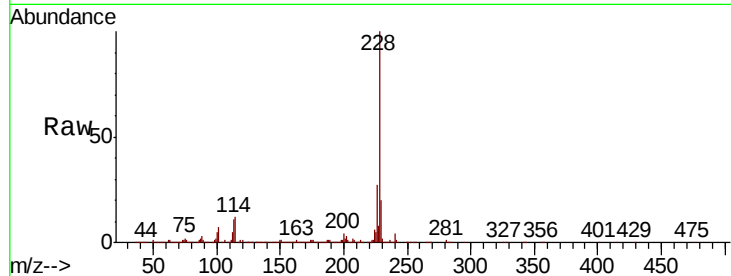
229 20.0 15.9 23.9

Manual Integrations

APPROVED

Sohil

2/19/2019 10:03:01 AM

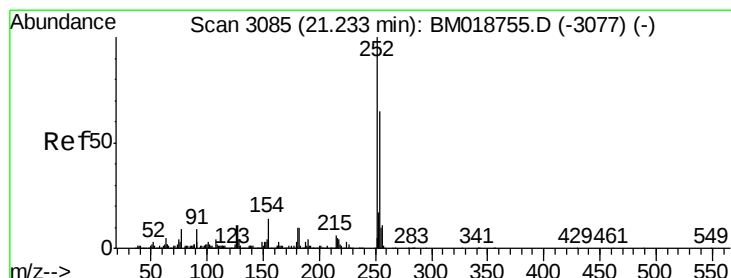
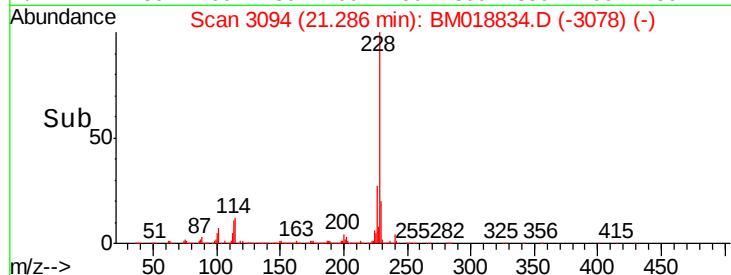
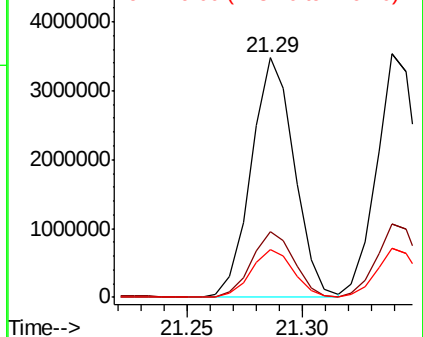


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.913 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

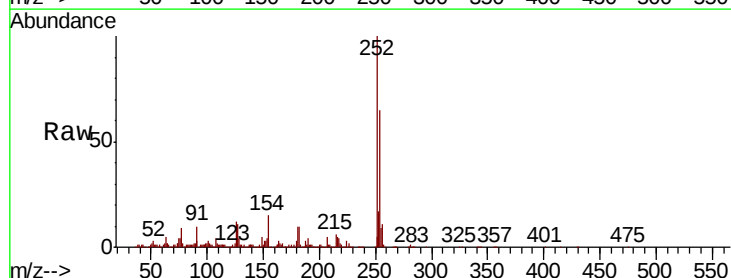
Tgt Ion:252 Resp: 1725764

Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.8

126 11.8 9.1 13.7

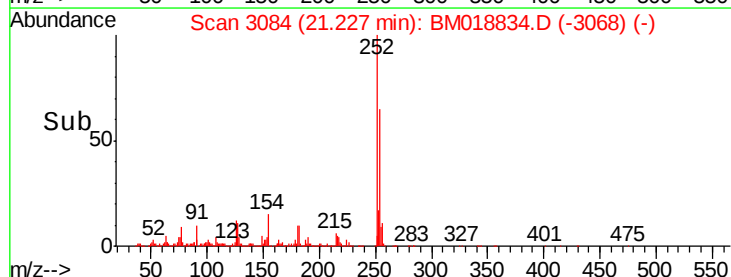
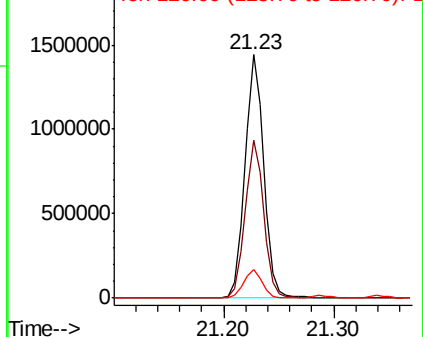


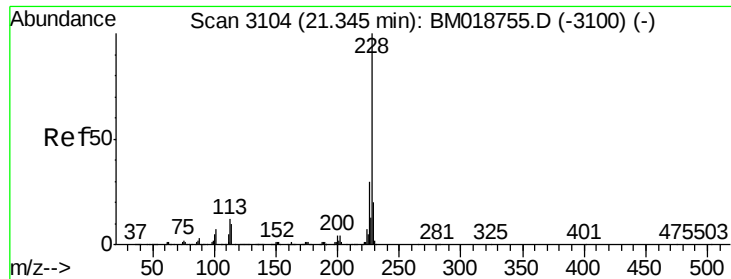
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





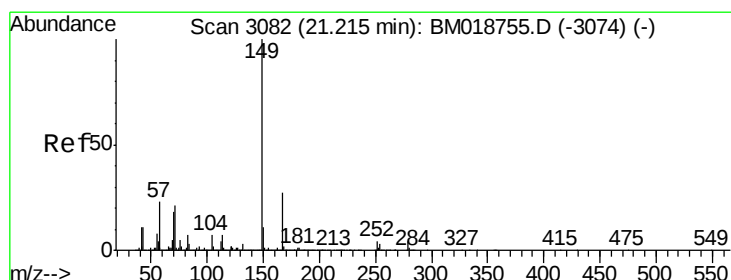
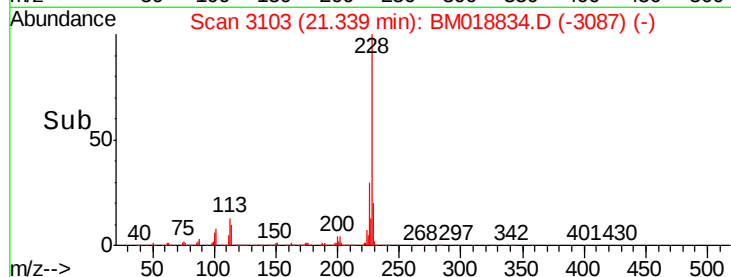
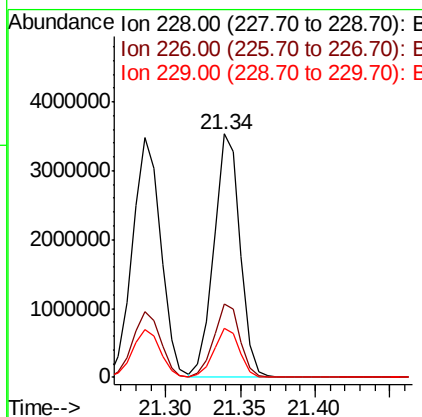
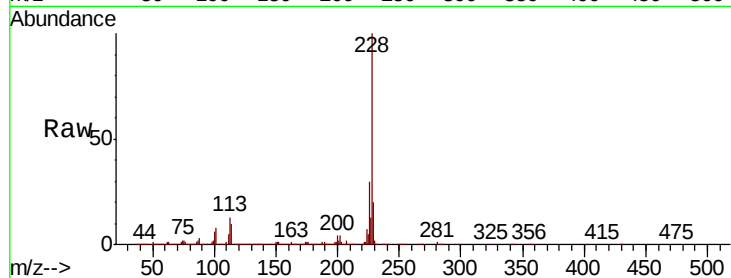
#83
Chrysene
Concen: 40.278 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.0	16.0	24.0

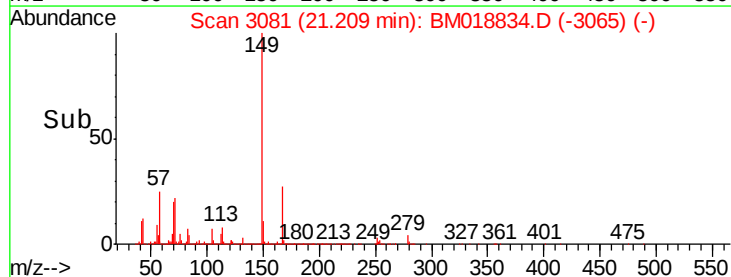
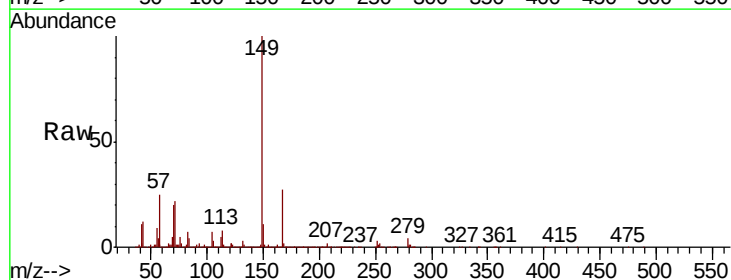
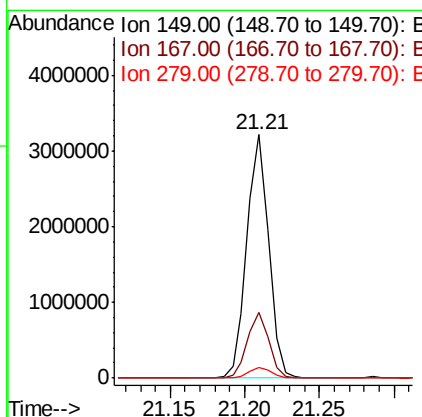
Manual Integrations
APPROVED

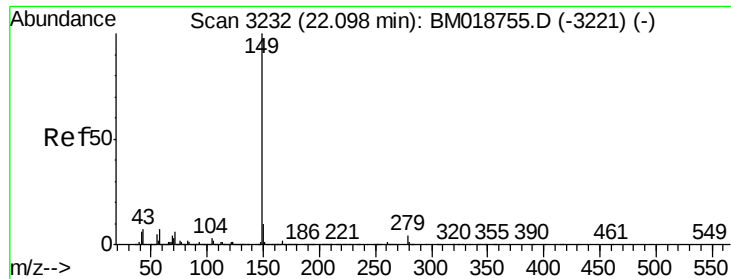
Sohil
2/19/2019 10:03:01 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.464 ng
RT: 21.21 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.6
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 43.528 ng

RT: 22.09 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Instrument :

BNA_M

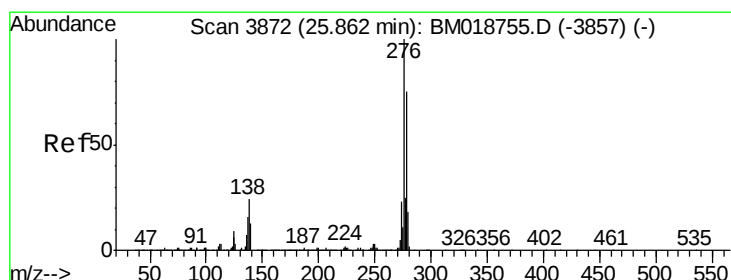
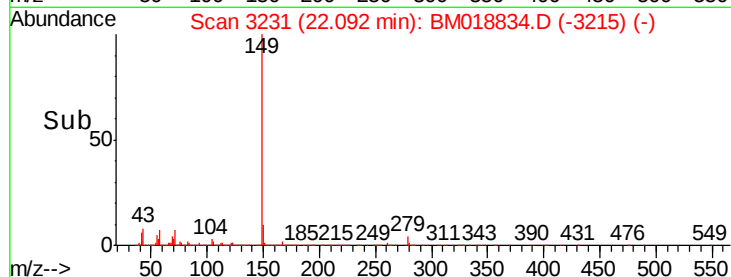
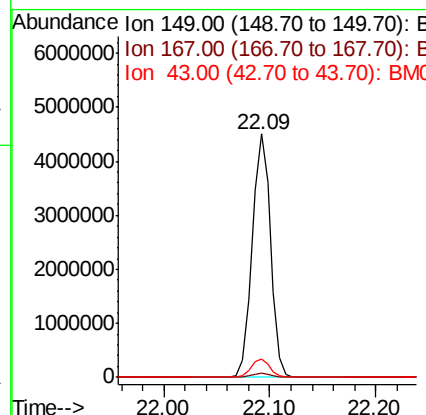
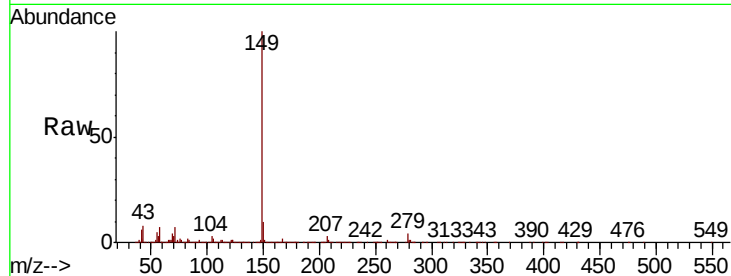
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	5455921
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.188 ng

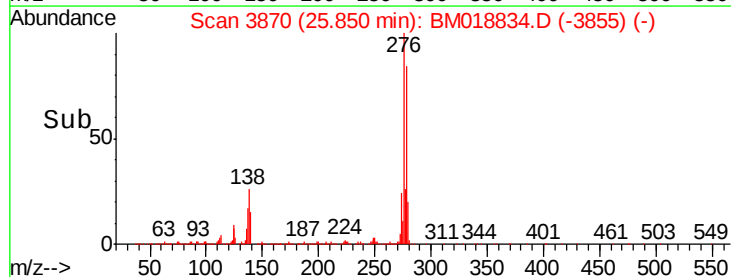
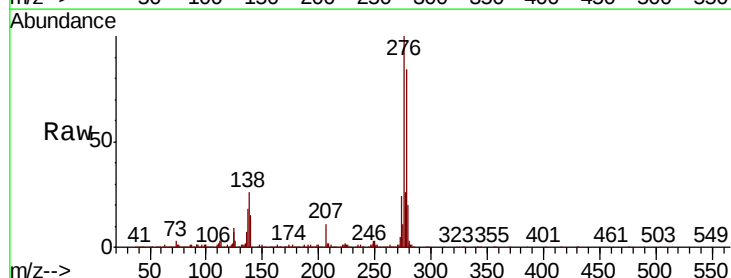
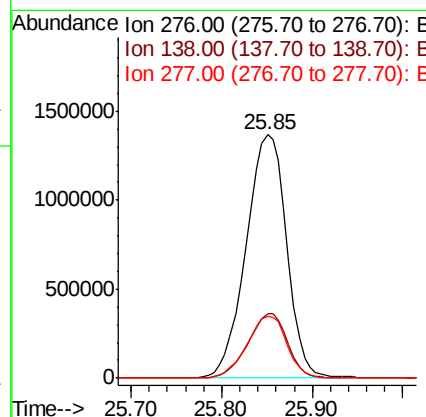
RT: 25.85 min Scan# 3870

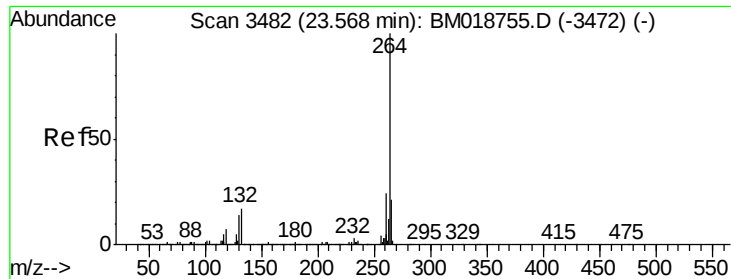
Delta R.T. -0.01 min

Lab File: BM018834.D

Acq: 18 Feb 2019 12:35

Tgt Ion:	276	Resp:	4245416
Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.2	30.4
277	25.4	20.3	30.5





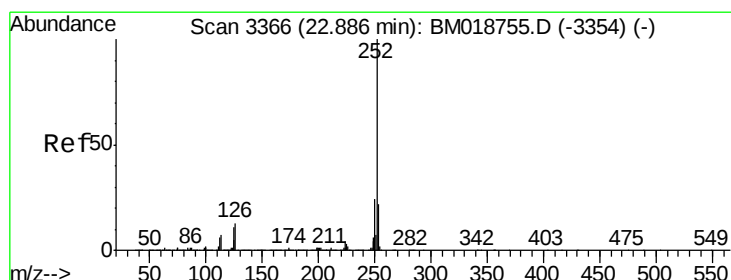
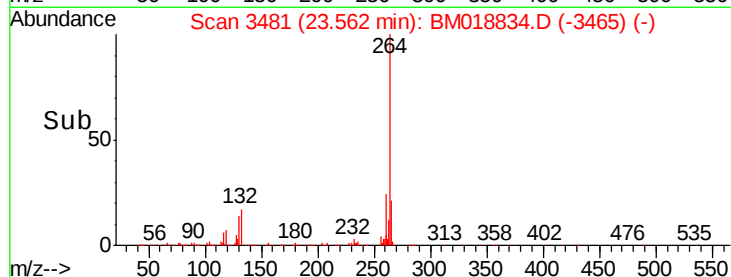
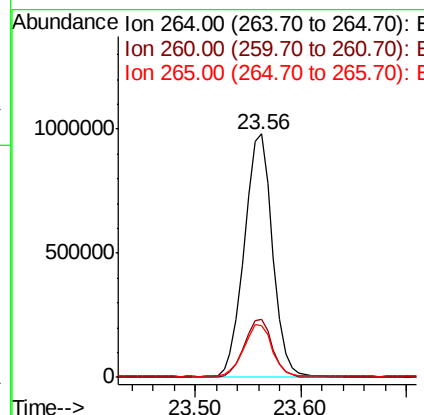
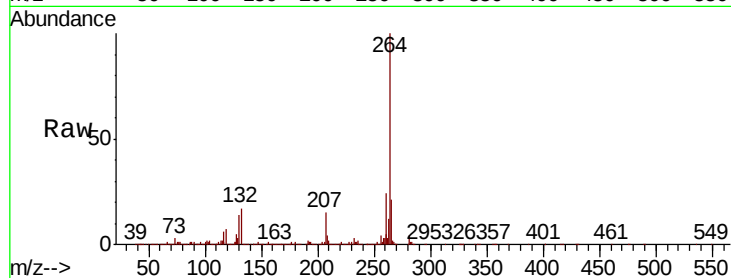
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.4	17.3	25.9

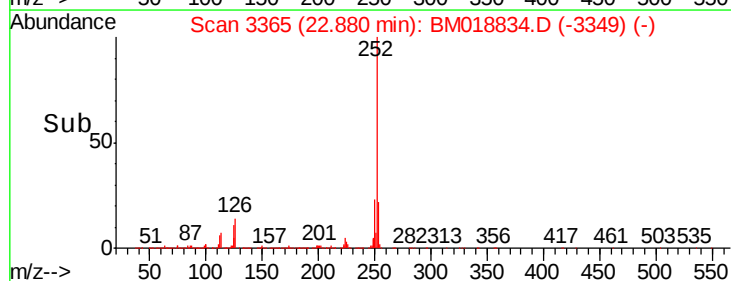
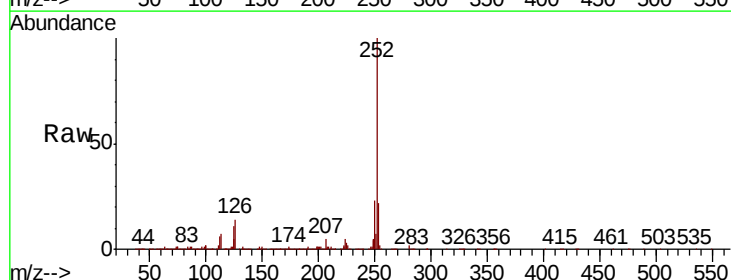
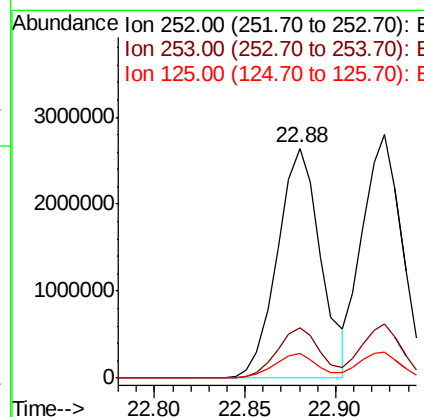
Manual Integrations
APPROVED

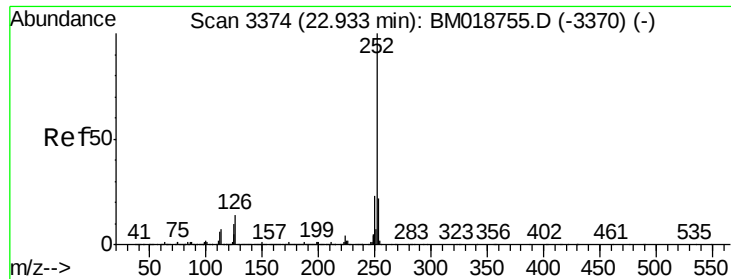
Sohil
2/19/2019 10:03:01 AM



#88
Benzo(b)fluoranthene
Concen: 42.326 ng
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.6	8.6	12.8





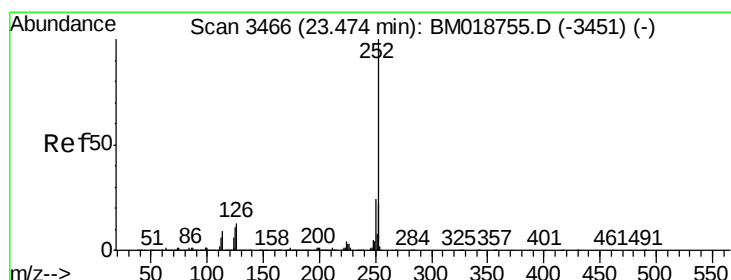
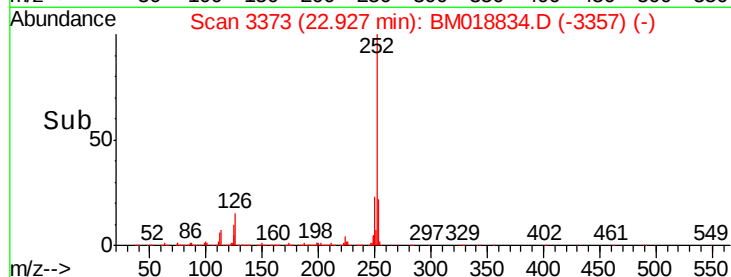
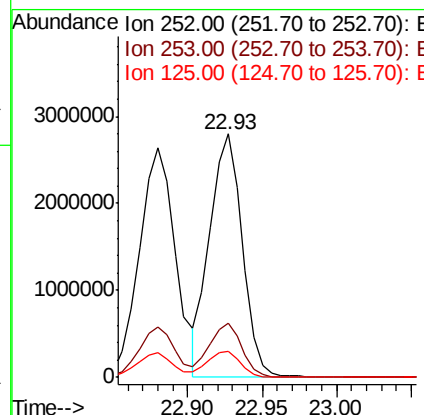
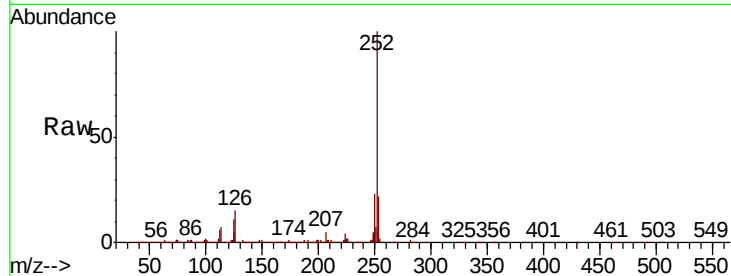
#89
Benzo(k)fluoranthene
Concen: 40.932 ng
RT: 22.93 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.6	8.2	12.4

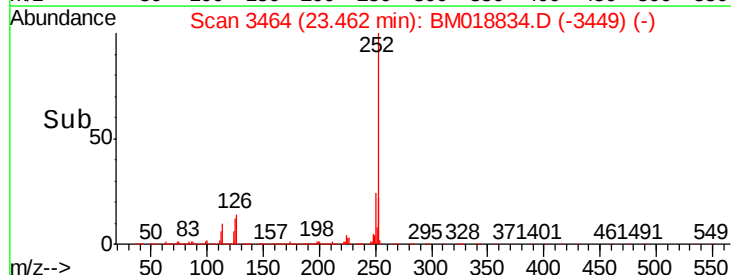
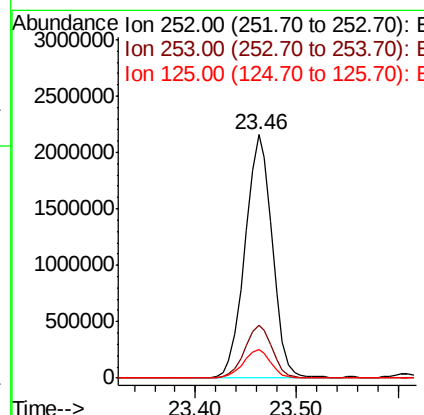
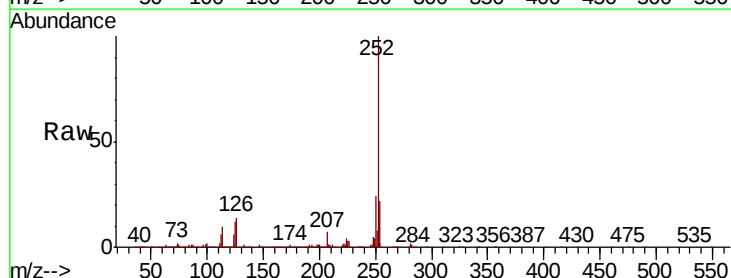
Manual Integrations
APPROVED

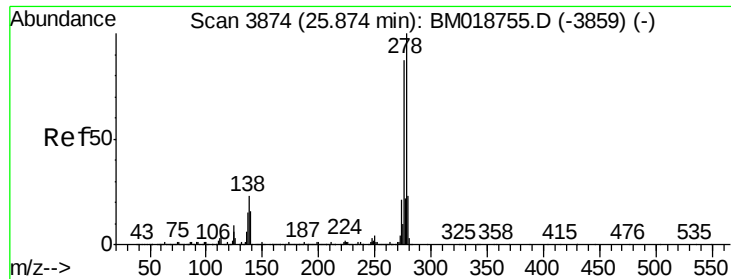
Sohil
2/19/2019 10:03:01 AM



#90
Benzo(a)pyrene
Concen: 40.587 ng
RT: 23.46 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.7	8.6	13.0





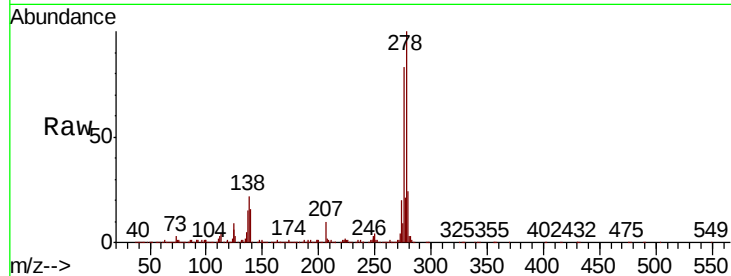
#91
Dibenzo(a,h)anthracene
Concen: 36.983 ng
RT: 25.86 min Scan# 3872
Delta R.T. -0.01 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.6	18.8
279	23.8	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:01 AM

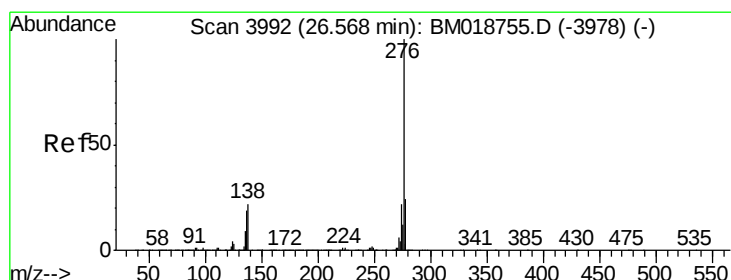
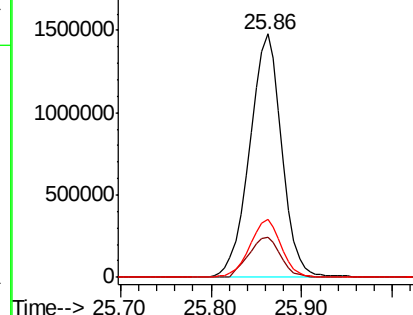
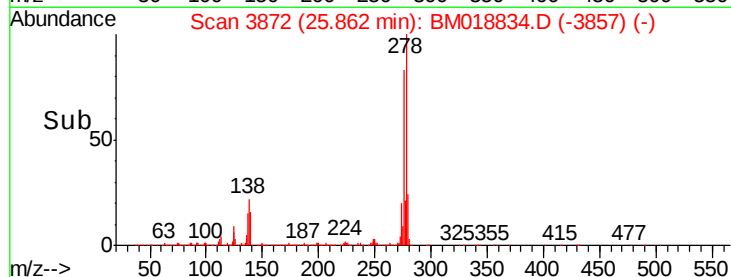


Abundance

Ion 278.00 (277.70 to 278.70): E

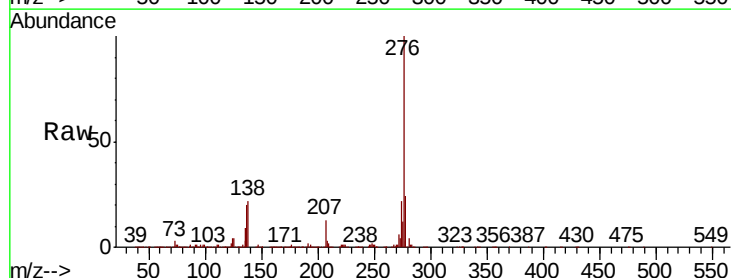
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.218 ng
RT: 26.55 min Scan# 3989
Delta R.T. -0.02 min
Lab File: BM018834.D
Acq: 18 Feb 2019 12:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	22.4	17.3	25.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

