

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017673.D
 Acq On : 16 Nov 2018 10:42
 Operator : MJ/SJ
 Sample : PB114851BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS

Manual Integrations
 APPROVED

Sohil
 11/19/2018 3:07:47 PM

Quant Time: Nov 19 10:00:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	222732	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	938600	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	563805	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1304000	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1410953	20.00	ng	0.00
87) Perylene-d12	23.40	264	1212943	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1428513	108.24	ng	0.00
7) Phenol-d6	6.80	99	1962855	106.49	ng	0.00
23) Nitrobenzene-d5	8.76	82	1210009	66.55	ng	-0.01
42) 2,4,6-Tribromophenol	15.76	330	866963	107.02	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2935110	67.54	ng	0.00
79) Terphenyl-d14	19.66	244	4648080	74.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	144452	26.280	ng	96
3) Pyridine	3.61	79	438697	27.209	ng	95
4) n-Nitrosodimethylamine	3.53	42	234724	33.049	ng	96
6) Aniline	6.96	93	397226	17.378	ng	99
8) 2-Chlorophenol	7.18	128	548602	34.733	ng	99
9) Benzaldehyde	6.77	77	308621	22.984	ng	99
10) Phenol	6.83	94	683499	35.328	ng	99
11) bis(2-Chloroethyl)ether	7.05	93	469004	30.707	ng	98
12) 1,3-Dichlorobenzene	7.50	146	536030	30.249	ng	98
13) 1,4-Dichlorobenzene	7.65	146	557215	30.677	ng	98
14) 1,2-Dichlorobenzene	7.96	146	537612	30.525	ng	99
15) Benzyl Alcohol	7.86	79	482955	32.900	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.13	45	641733	27.596	ng	96
17) 2-Methylphenol	8.06	107	457055	35.068	ng	99
18) Hexachloroethane	8.67	117	199338	31.138	ng	99
19) n-Nitroso-di-n-propylamine	8.42	70	410075	30.984	ng	97
20) 3+4-Methylphenols	8.39	107	630152	34.798	ng	99
22) Acetophenone	8.43	105	788756	33.670	ng	# 98
24) Nitrobenzene	8.80	77	609160	33.023	ng	99
25) Isophorone	9.33	82	1074108	38.250	ng	99
26) 2-Nitrophenol	9.51	139	288642	33.971	ng	99
27) 2,4-Dimethylphenol	9.57	122	504646	41.211	ng	99
28) bis(2-Chloroethoxy)methane	9.81	93	684172	35.973	ng	99
29) 2,4-Dichlorophenol	10.04	162	532736	37.478	ng	100
30) 1,2,4-Trichlorobenzene	10.25	180	541472	32.752	ng	96
31) Naphthalene	10.43	128	1644725	35.640	ng	99
32) Benzoic acid	9.73	122	321503m	28.984	ng	
33) 4-Chloroaniline	10.56	127	167443	8.285	ng	96
34) Hexachlorobutadiene	10.70	225	316695	30.856	ng	99
35) Caprolactam	11.35	113	169734m	32.424	ng	
36) 4-Chloro-3-methylphenol	11.69	107	600467	36.588	ng	99
37) 2-Methylnaphthalene	12.05	142	1229676	37.702	ng	99
38) 1-Methylnaphthalene	12.27	142	1184387	37.035	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	645400	32.463	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017673.D
 Acq On : 16 Nov 2018 10:42
 Operator : MJ/SJ
 Sample : PB114851BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 PB114851BS

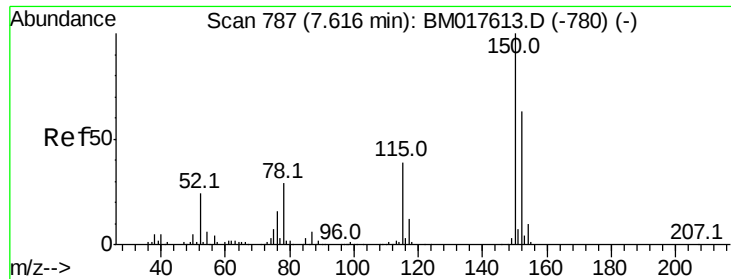
Manual Integrations
 APPROVED

Sohil
 11/19/2018 3:07:47 PM

Quant Time: Nov 19 10:00:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	803219	78.185	nq	99
43) 2,4,6-Trichlorophenol	12.67	196	445048	35.738	nq	97
44) 2,4,5-Trichlorophenol	12.75	196	475171	36.138	nq	98
46) 1,1'-Biphenyl	13.08	154	1614784	31.908	nq	99
47) 2-Chloronaphthalene	13.12	162	1251716	33.323	nq	99
48) 2-Nitroaniline	13.34	65	399812	34.417	nq	100
49) Acenaphthylene	13.97	152	2070638	36.689	nq	100
50) Dimethylphthalate	13.73	163	1617269	35.281	nq	99
51) 2,6-Dinitrotoluene	13.85	165	362044	35.469	nq	97
52) Acenaphthene	14.32	154	1197556	34.576	nq	99
53) 3-Nitroaniline	14.18	138	179603	16.161	nq	94
54) 2,4-Dinitrophenol	14.39	184	391200	64.309	nq	98
55) Dibenzofuran	14.66	168	1978094	34.948	nq	98
56) 4-Nitrophenol	14.50	139	612582	66.472	nq	98
57) 2,4-Dinitrotoluene	14.65	165	516983	37.573	nq	# 99
58) Fluorene	15.31	166	1612751	37.219	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	455936	37.700	nq	99
60) Diethylphthalate	15.10	149	1653583	33.386	nq	99
61) 4-Chlorophenyl-phenylether	15.31	204	820088	33.311	nq	98
62) 4-Nitroaniline	15.35	138	344122	32.856	nq	96
63) Azobenzene	15.60	77	1593878	34.812	nq	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	281917	31.208	nq	97
66) n-Nitrosodiphenylamine	15.53	169	1422318	33.925	nq	99
67) 4-Bromophenyl-phenylether	16.21	248	510356	33.092	nq	99
68) Hexachlorobenzene	16.32	284	573837	33.006	nq	95
69) Atrazine	16.49	200	521203	33.800	nq	96
70) Pentachlorophenol	16.66	266	710165	58.297	nq	99
71) Phenanthrene	17.06	178	2588951	36.589	nq	99
72) Anthracene	17.14	178	2639655	38.337	nq	99
73) Carbazole	17.42	167	2400832	34.507	nq	99
74) Di-n-butylphthalate	17.99	149	2846103	36.747	nq	99
75) Fluoranthene	19.08	202	3024548	37.778	nq	99
77) Benzidine	19.28	184	874711	19.038	nq	99
78) Pyrene	19.44	202	3138930	36.056	nq	99
80) Butylbenzylphthalate	20.36	149	1312216	37.111	nq	99
81) Benzo(a)anthracene	21.20	228	3017855	37.126	nq	100
82) 3,3'-Dichlorobenzidine	21.14	252	557137	17.759	nq	99
83) Chrysene	21.25	228	2859709	36.221	nq	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	1851078	35.412	nq	100
85) Di-n-octyl phthalate	22.00	149	3161939	37.776	nq	99
86) Indeno(1,2,3-cd)pyrene	25.59	276	2516417	39.886	nq	99
88) Benzo(b)fluoranthene	22.75	252	2807610	39.525	nq	100
89) Benzo(k)fluoranthene	22.79	252	2612145	36.383	nq	99
90) Benzo(a)pyrene	23.31	252	2509077	38.739	nq	100
91) Dibenzo(a,h)anthracene	25.60	278	2122567	38.981	nq	99
92) Benzo(g,h,i)perylene	26.26	276	2043349	39.906	nq	99

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



#1

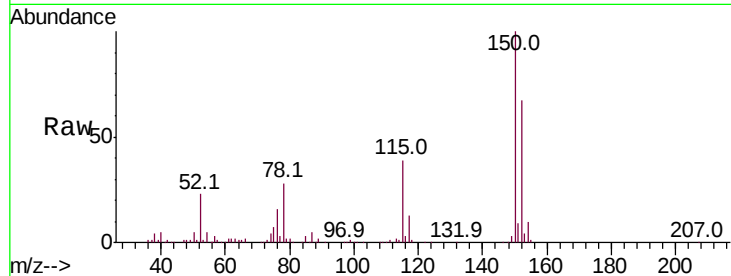
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.4	189.6
115	58.2	49.4	74.0

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM

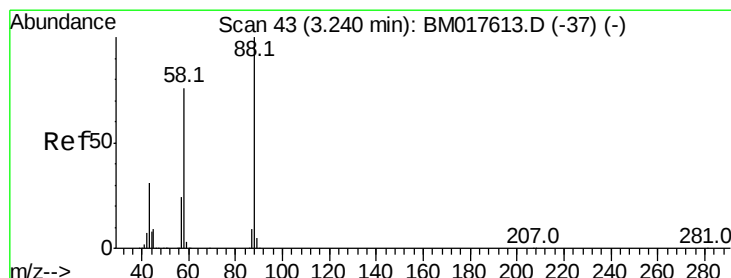
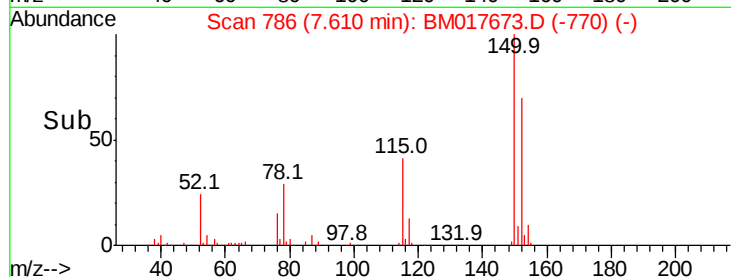
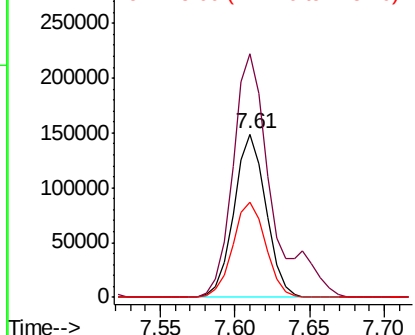


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

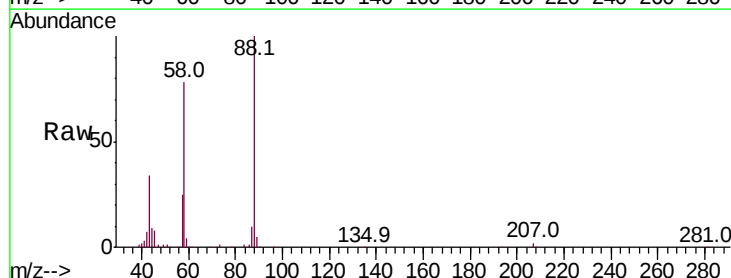
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.280 ng
RT: 3.23 min Scan# 41
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	62.0	93.0
43	31.7	26.8	40.2

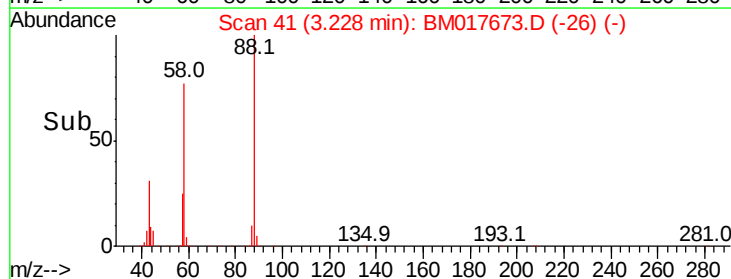
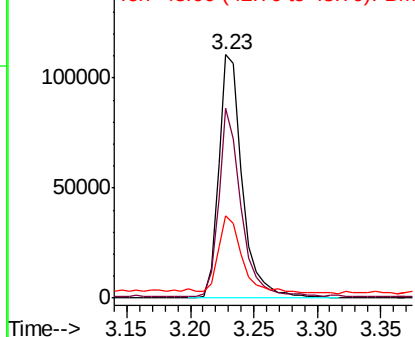


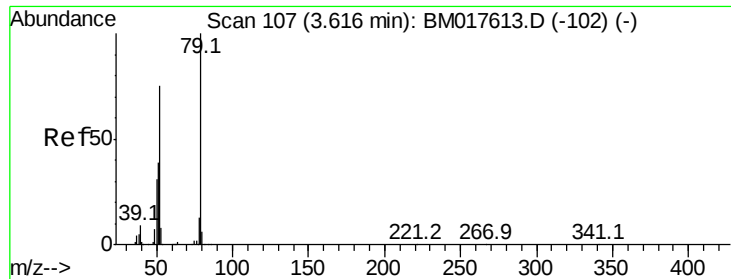
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 27.209 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

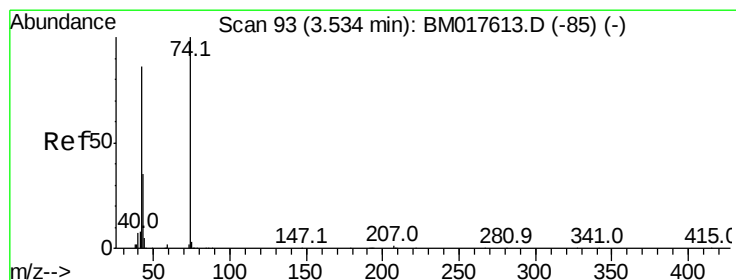
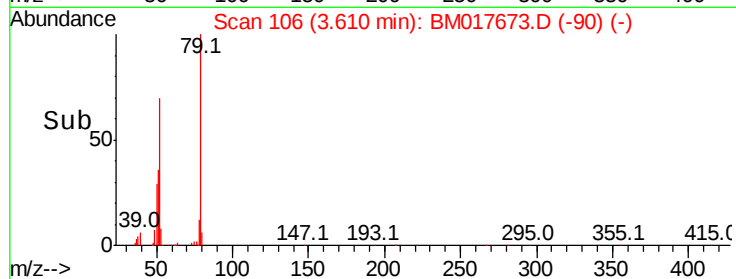
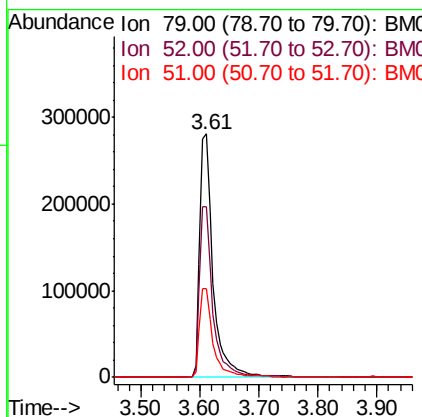
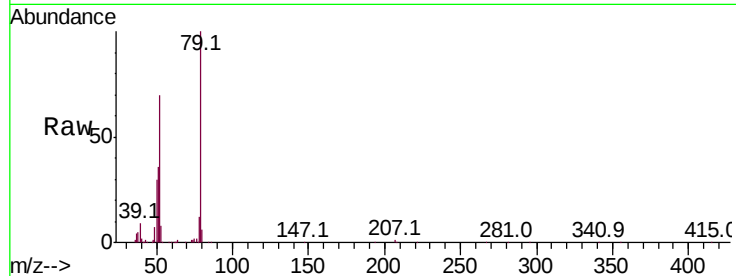
ClientSampleId :

PB114851BS

Tot Ion:	79	Resp:	438697
Ion Ratio	Lower	Upper	
79	100		
52	70.4	60.1	90.1
51	36.3	31.1	46.7

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



#4

n-Nitrosodimethylamine

Concen: 33.049 ng

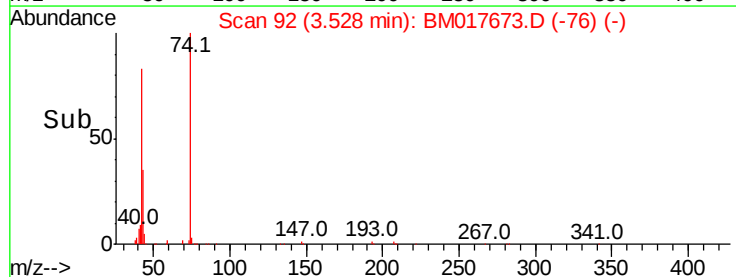
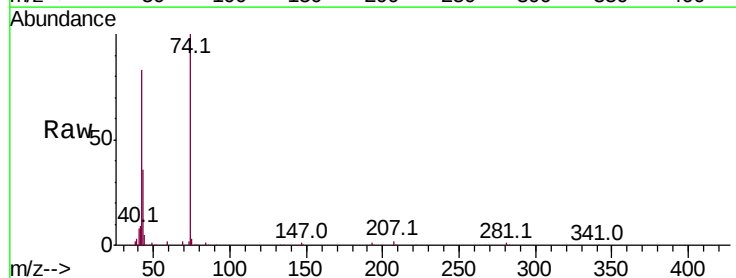
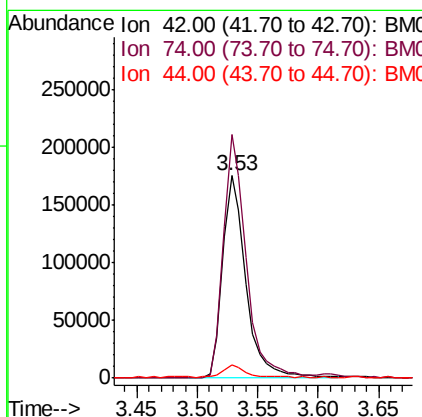
RT: 3.53 min Scan# 92

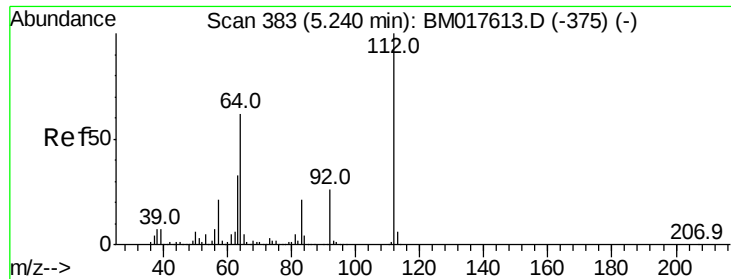
Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion:	42	Resp:	234724
Ion Ratio	Lower	Upper	
42	100		
74	120.5	93.1	139.7
44	6.5	5.0	7.6





#5

2-Fluorophenol

Concen: 108.239 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tot Ion: 112 Resp: 1428513

Ion Ratio Lower Upper

112 100

64 59.1 49.3 73.9

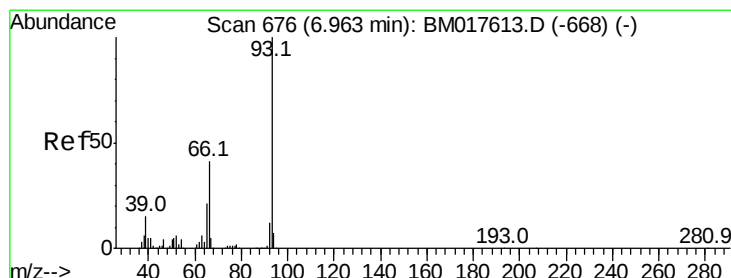
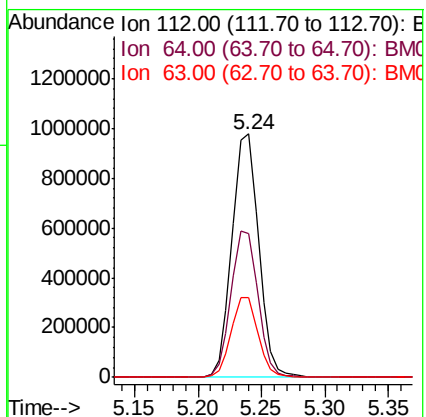
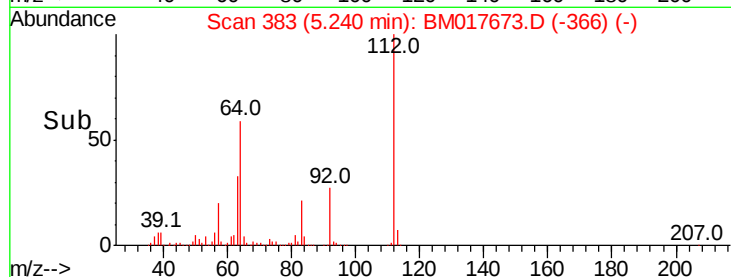
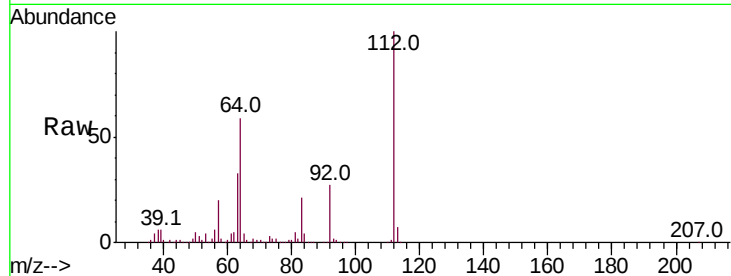
63 32.7 26.2 39.4

Manual Integrations

APPROVED

Sohil

11/19/2018 3:07:47 PM



#6

Aniline

Concen: 17.378 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

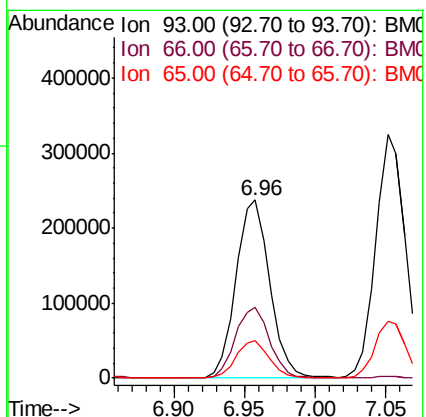
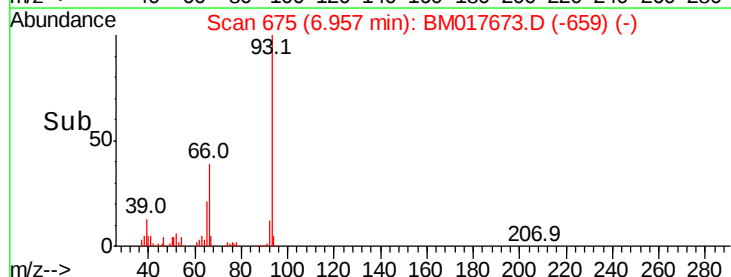
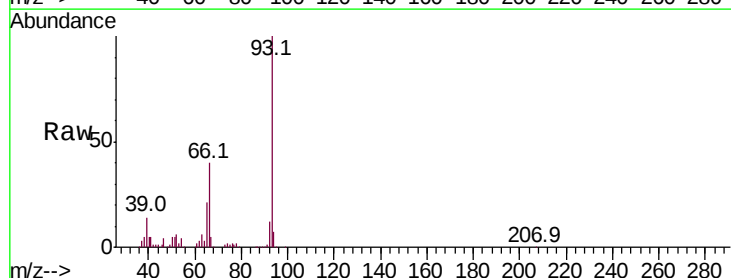
Tgt Ion: 93 Resp: 397226

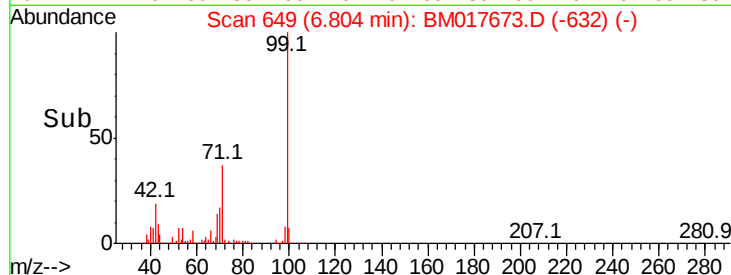
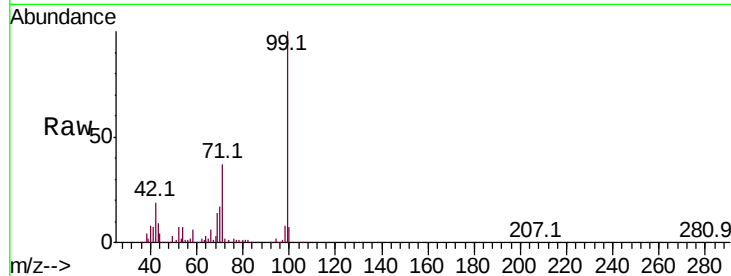
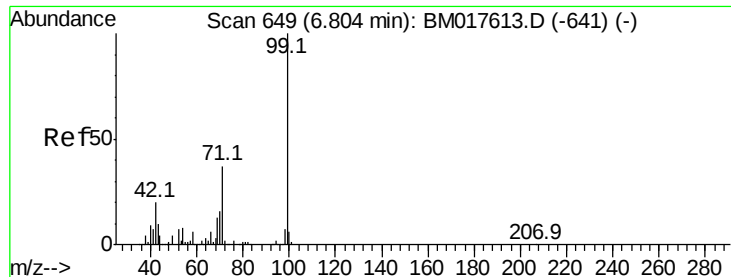
Ion Ratio Lower Upper

93 100

66 40.0 32.8 49.2

65 21.2 16.6 25.0





#7

Phenol-d6

Concen: 106.488 ng

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tot Ion: 99 Resp: 1962855

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

71 36.7 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

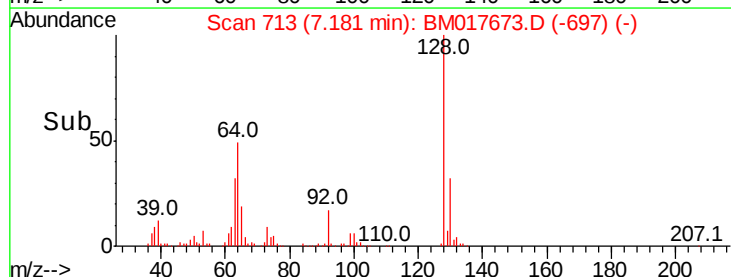
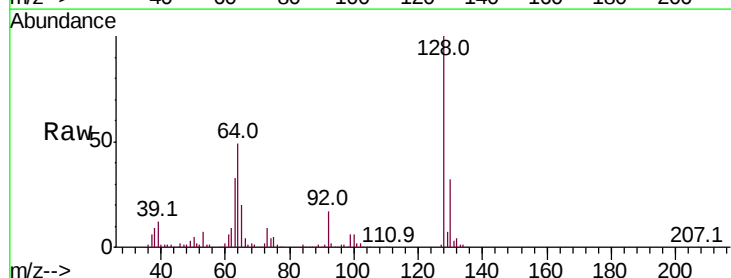
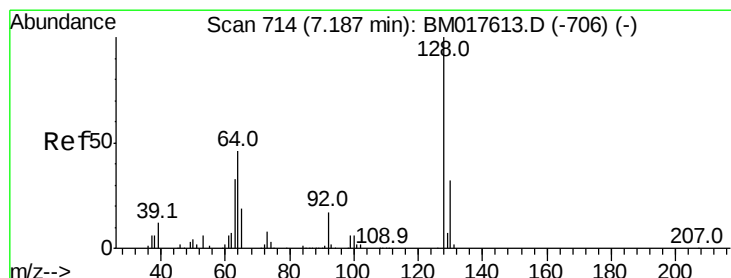
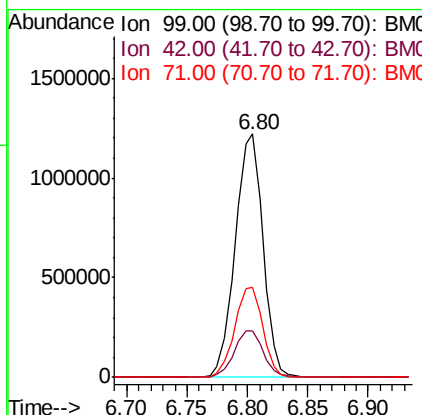
PB114851BS

Manual Integrations

APPROVED

Sohil

11/19/2018 3:07:47 PM



#8

2-Chlorophenol

Concen: 34.733 ng

RT: 7.18 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

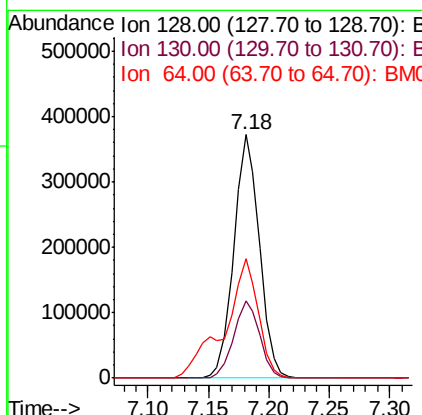
Tgt Ion:128 Resp: 548602

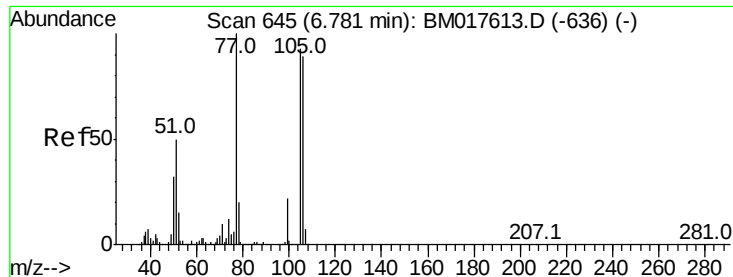
Ion Ratio Lower Upper

128 100

130 31.9 12.4 52.4

64 48.8 30.0 70.0





#9

Benzaldehyde

Concen: 22.984 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

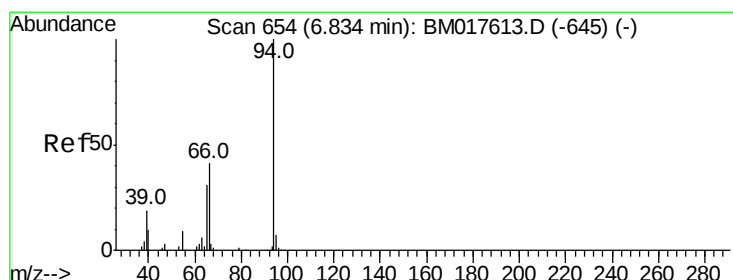
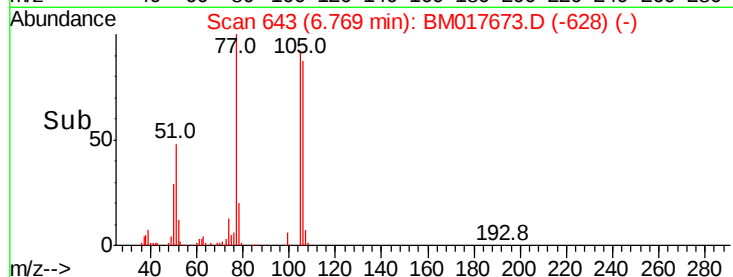
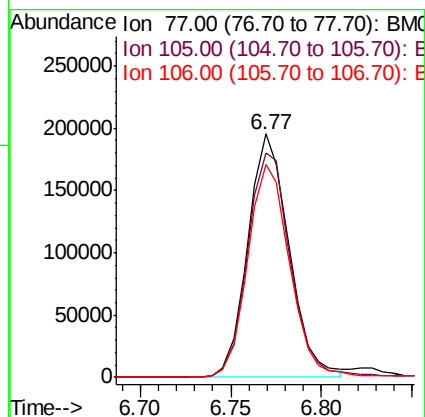
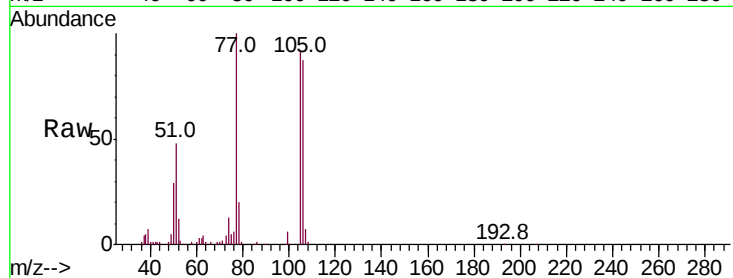
ClientSampled :

PB114851BS

Tot Ion:	77	Resp:	308621
Ion Ratio	Lower	Upper	
77	100		
105	92.2	72.7	112.7
106	87.2	68.9	108.9

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



#10

Phenol

Concen: 35.328 ng

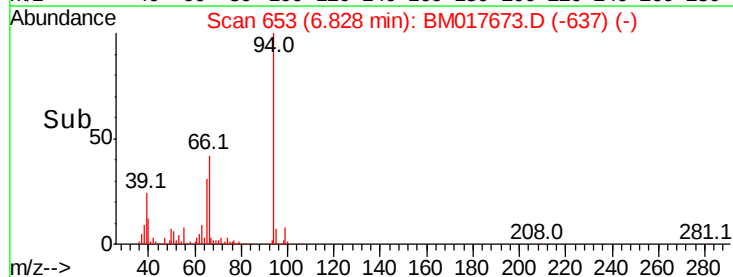
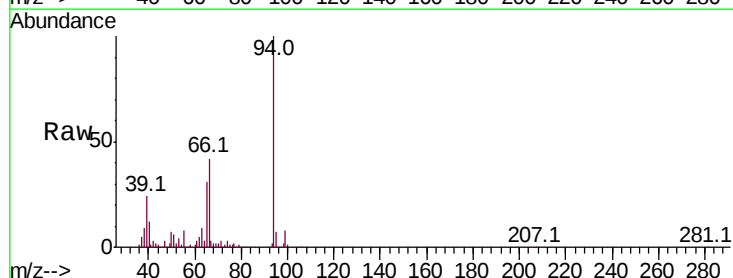
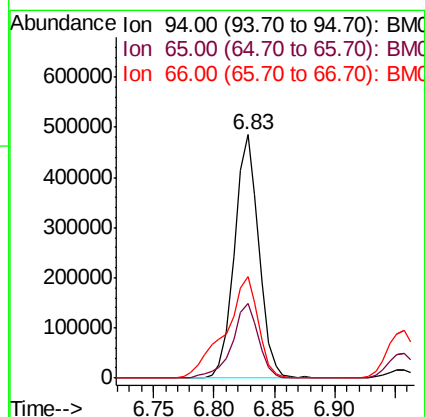
RT: 6.83 min Scan# 653

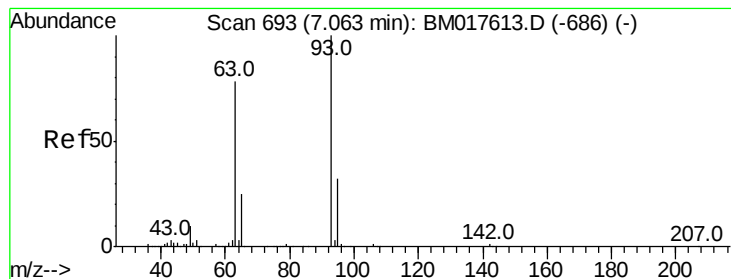
Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion:	94	Resp:	683499
Ion Ratio	Lower	Upper	
94	100		
65	30.5	11.4	51.4
66	41.9	21.4	61.4





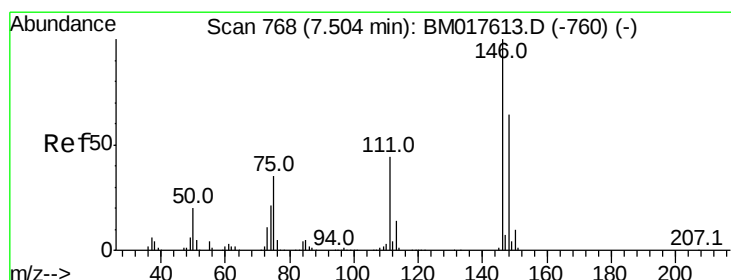
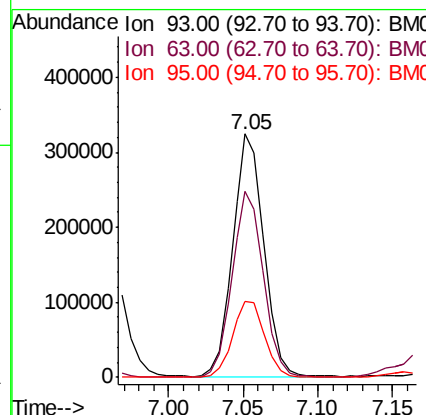
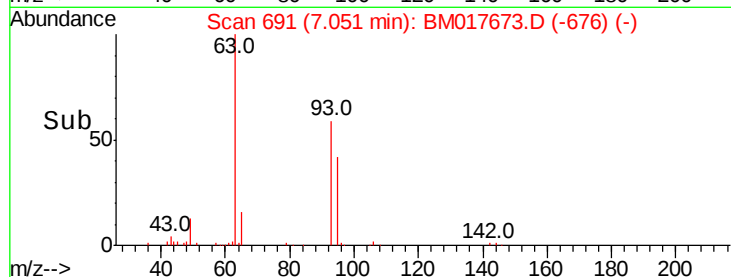
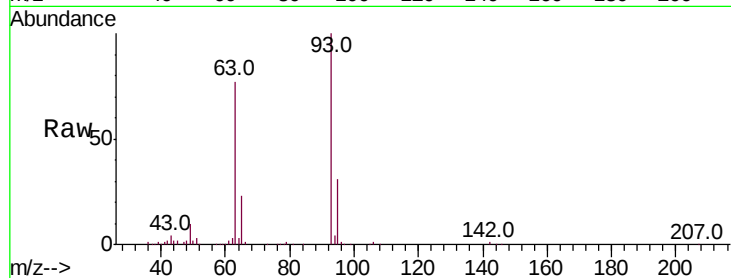
#11
bis(2-Chloroethyl)ether
Concen: 30.707 ng
RT: 7.05 min Scan# 691
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	57.9	97.9
95	31.2	12.3	52.3

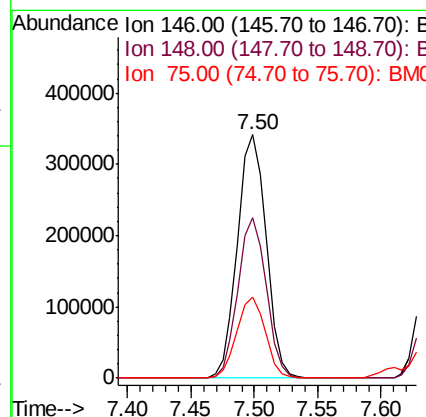
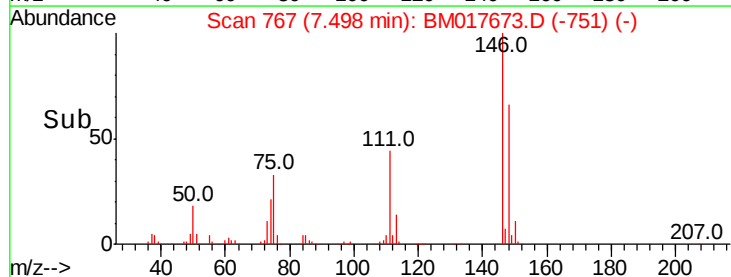
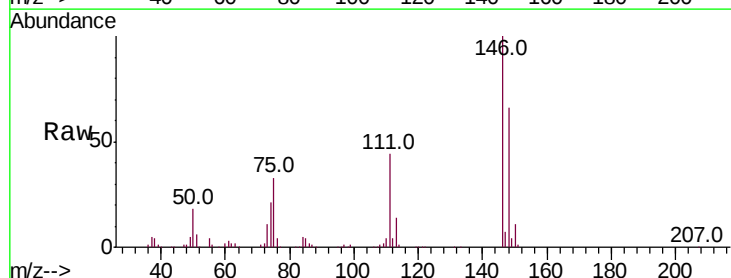
Manual Integrations
APPROVED

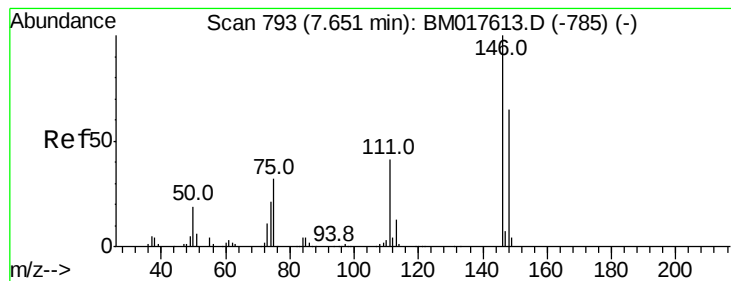
Sohil
11/19/2018 3:07:47 PM



#12
1,3-Dichlorobenzene
Concen: 30.249 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.2	76.8
75	33.5	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 30.677 ng

RT: 7.65 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

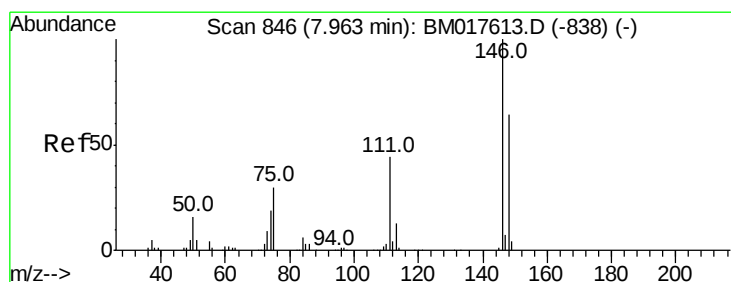
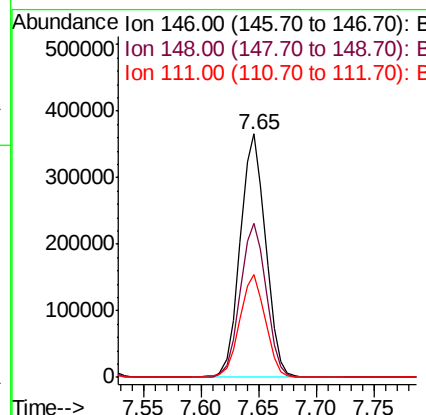
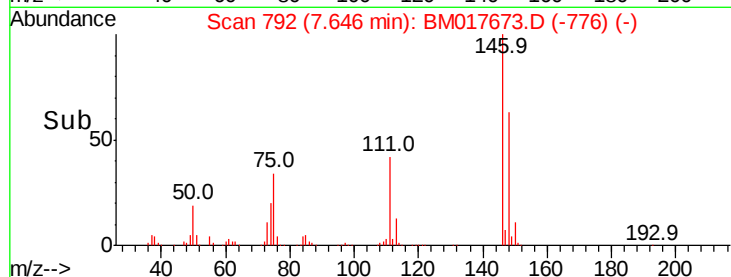
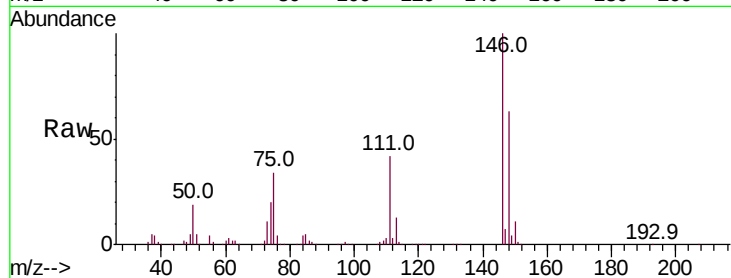
ClientSampled :

PB114851BS

Tot Ion:	146	Resp:	557215
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.0	78.0
111	42.2	33.2	49.8

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



#14

1,2-Dichlorobenzene

Concen: 30.525 ng

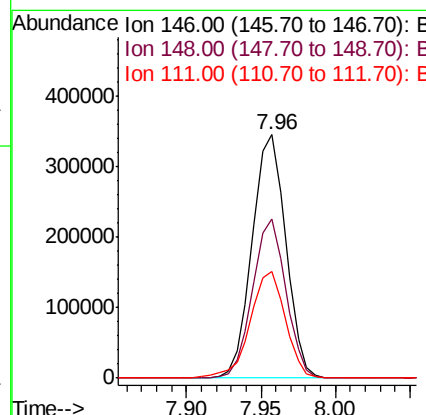
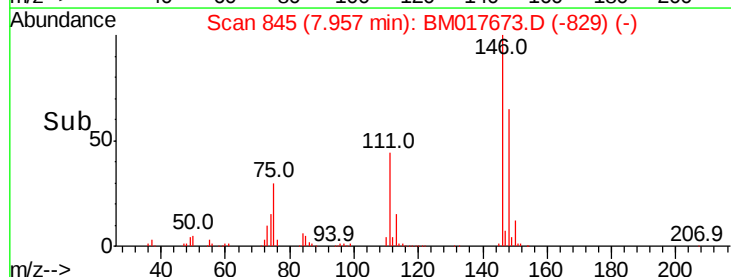
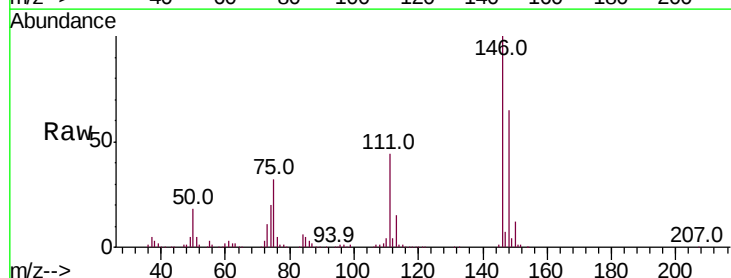
RT: 7.96 min Scan# 845

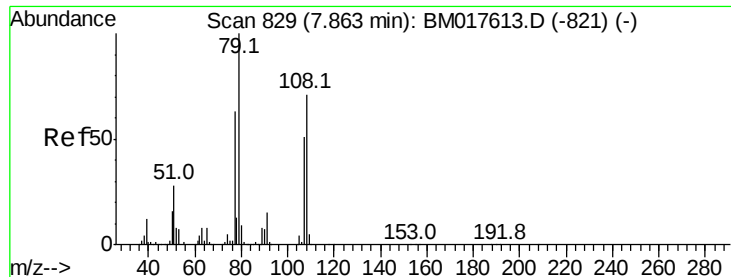
Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion:	146	Resp:	537612
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.6	77.4
111	44.1	35.8	53.8





#15

Benzyl Alcohol

Concen: 32.900 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

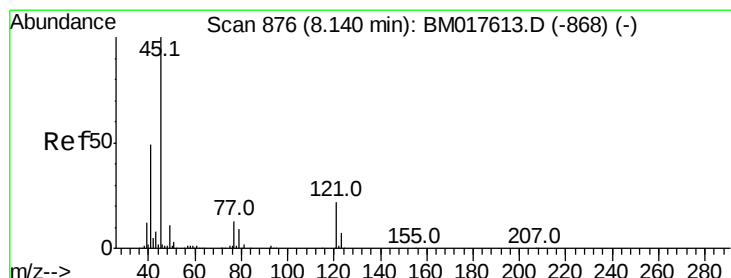
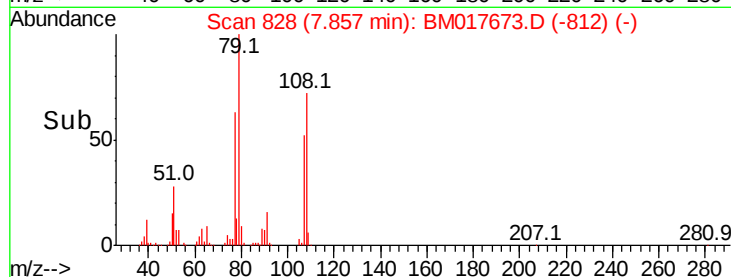
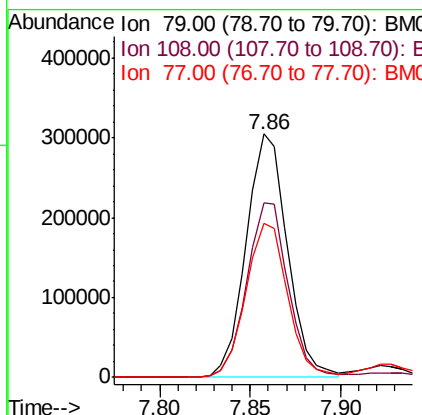
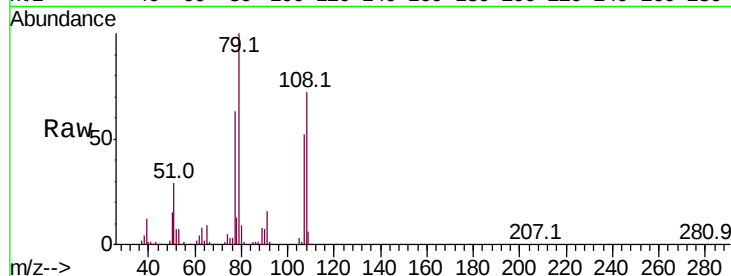
ClientSampleId :

PB114851BS

Tot Ion:	79	Resp:	482955
Ion Ratio	Lower	Upper	
79	100		
108	71.6	57.1	85.7
77	63.4	50.4	75.6

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.596 ng

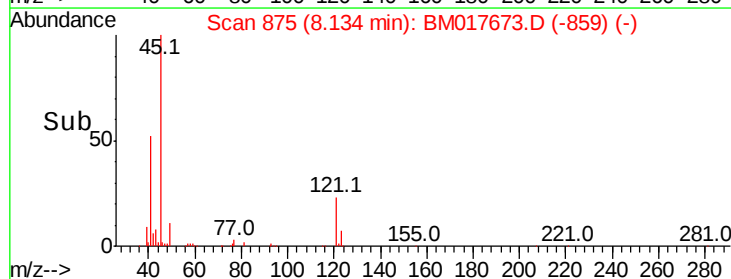
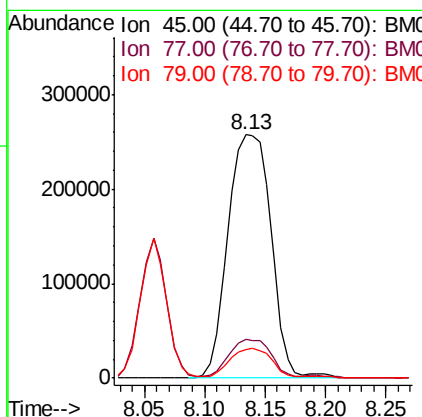
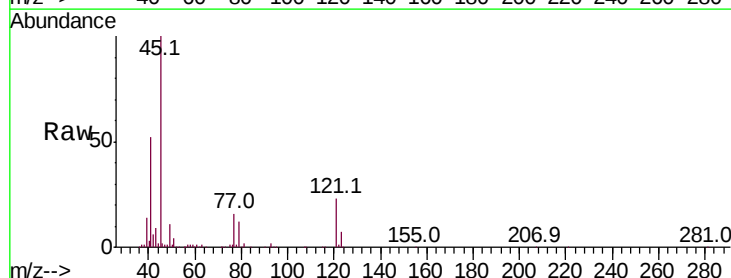
RT: 8.13 min Scan# 875

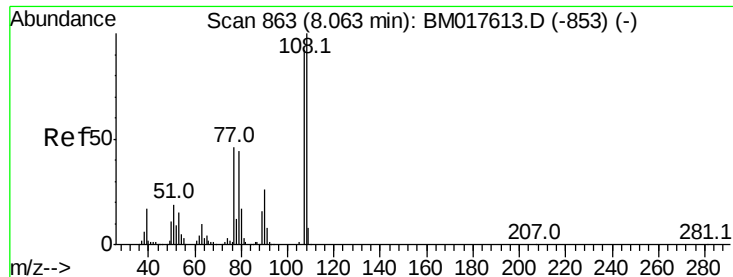
Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion:	45	Resp:	641733
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	34.2
79	11.6	0.0	30.5





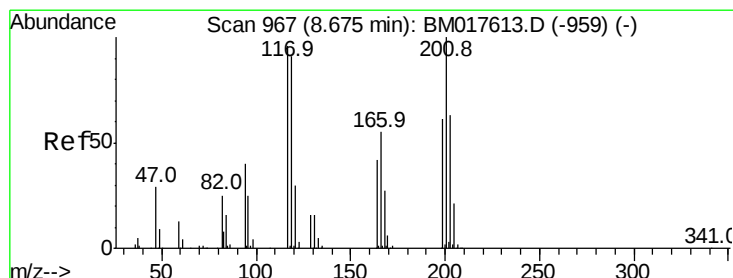
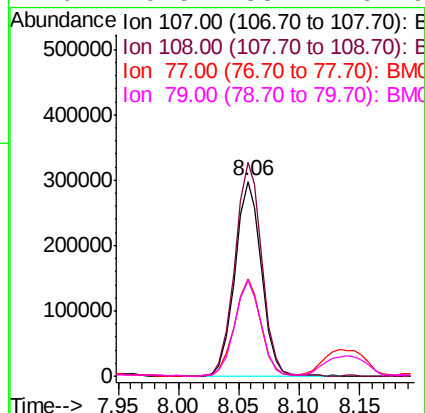
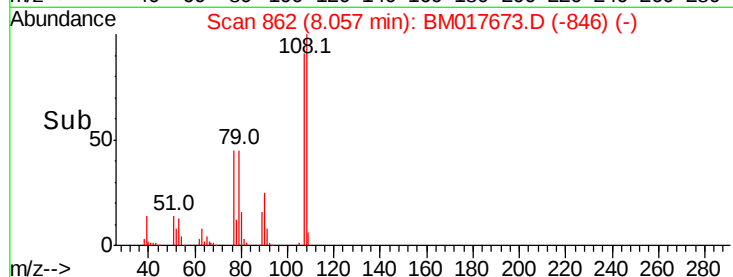
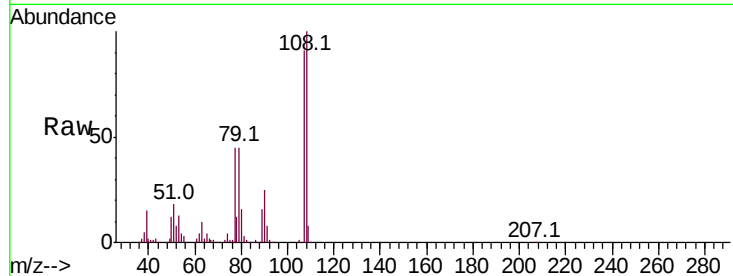
#17
2-Methylphenol
Concen: 35.068 ng
RT: 8.06 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	86.7	130.1	
77	49.6	39.8	59.6	
79	49.5	38.4	57.6	

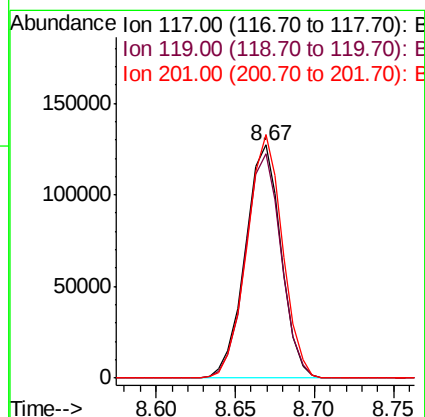
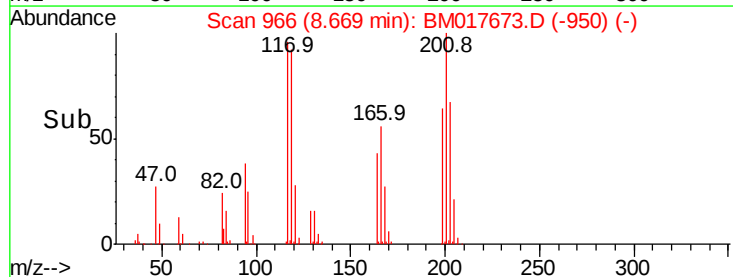
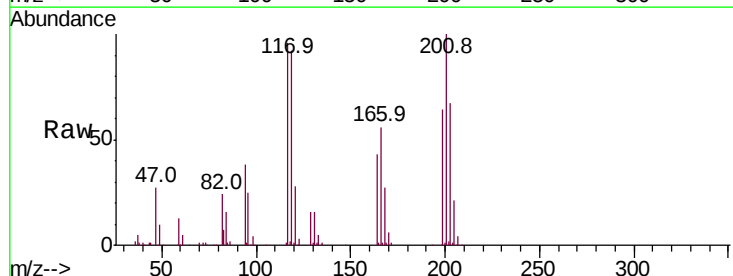
Manual Integrations
APPROVED

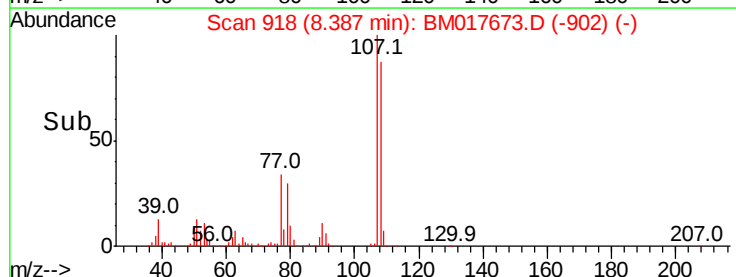
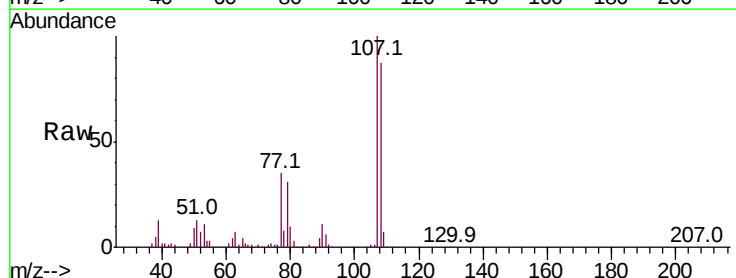
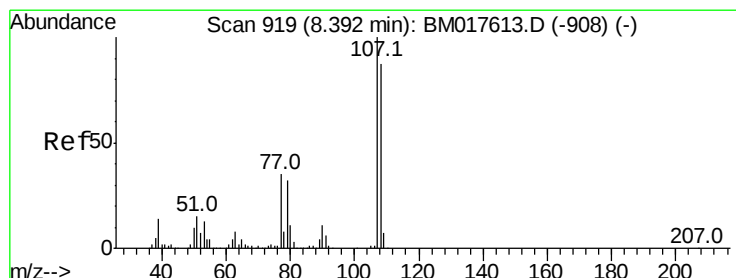
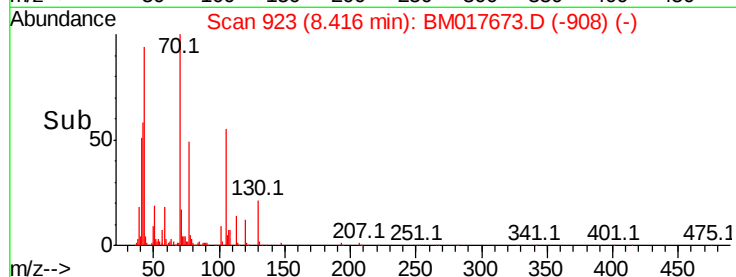
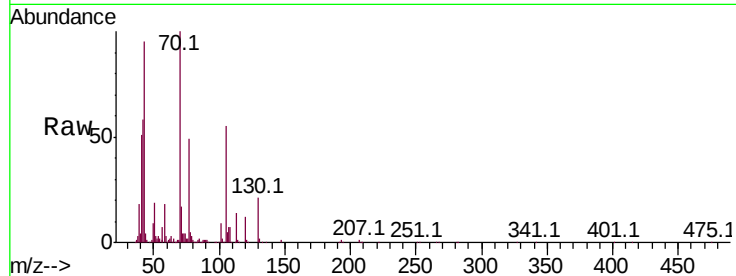
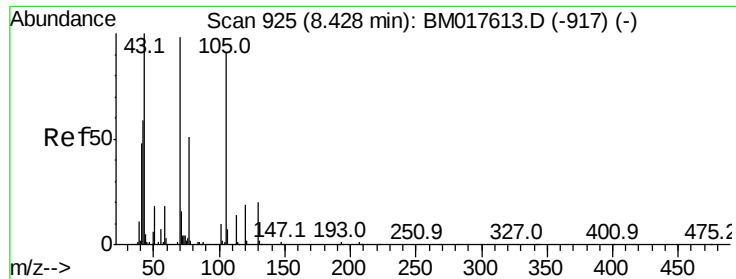
Sohil
11/19/2018 3:07:47 PM



#18
Hexachloroethane
Concen: 31.138 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	75.8	113.8	
201	104.5	83.0	124.4	





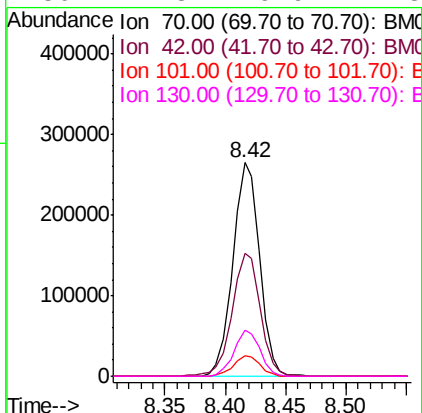
#19
n-Nitroso-di-n-propylamine
Concen: 30.984 ng
RT: 8.42 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.8	48.6	73.0
101	9.4	7.9	11.9
130	21.3	16.6	24.8

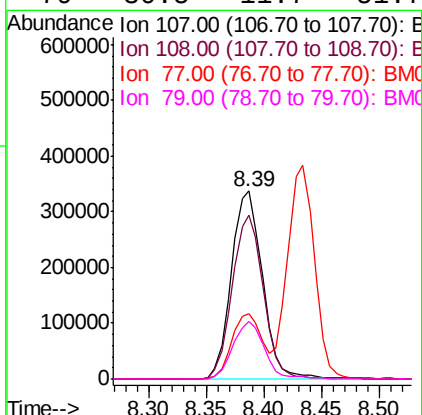
Manual Integrations
APPROVED

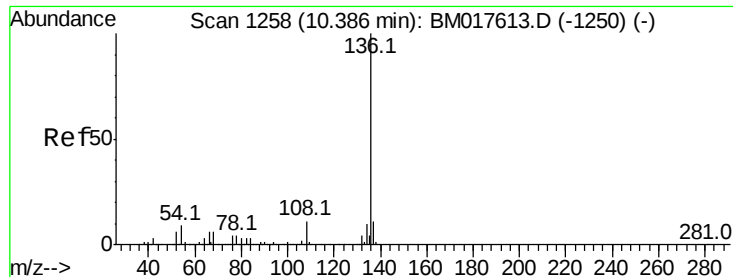
Sohil
11/19/2018 3:07:47 PM



#20
3+4-Methylphenols
Concen: 34.798 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.0	107.0
77	34.6	15.6	55.6
79	30.5	11.7	51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

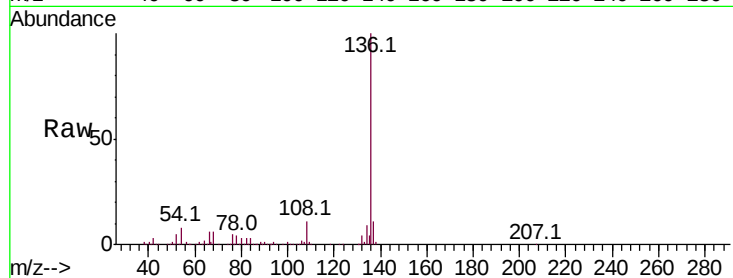
ClientSampleId :

PB114851BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.6	12.8	
54	8.2	7.0	10.6	
68	5.9	4.9	7.3	

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



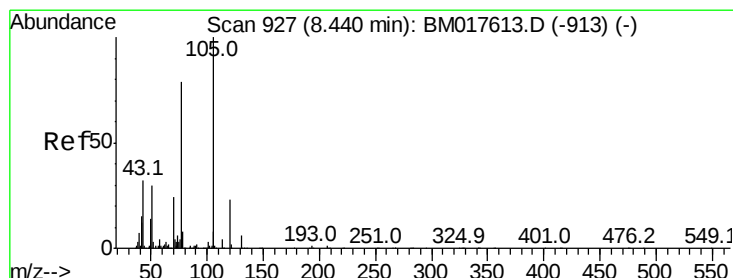
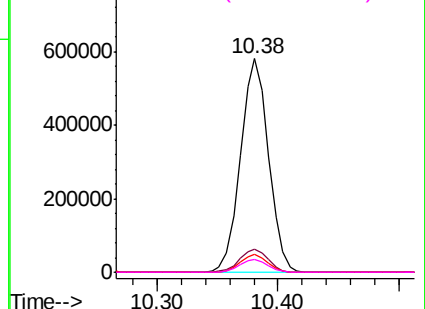
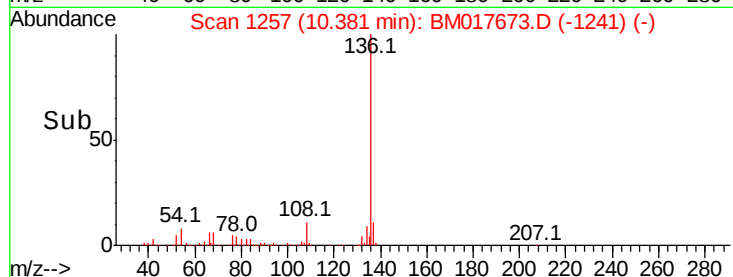
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 33.670 ng

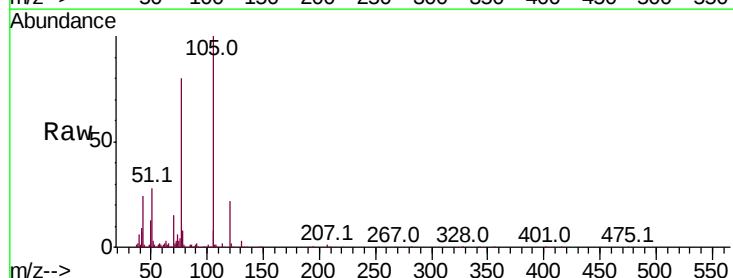
RT: 8.43 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.4	3.1	4.7#	
51	28.3	23.8	35.8	
120	21.7	18.0	27.0	



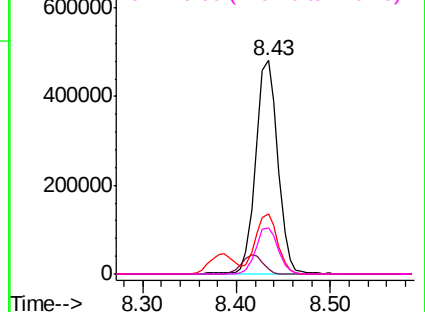
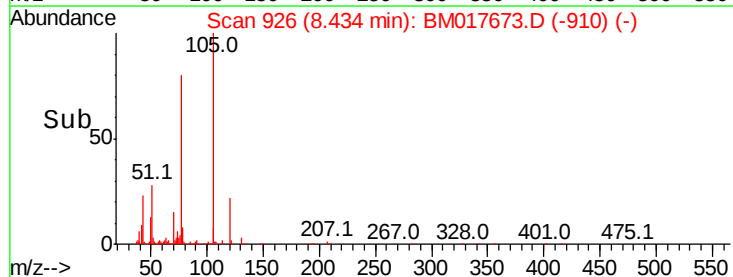
Abundance

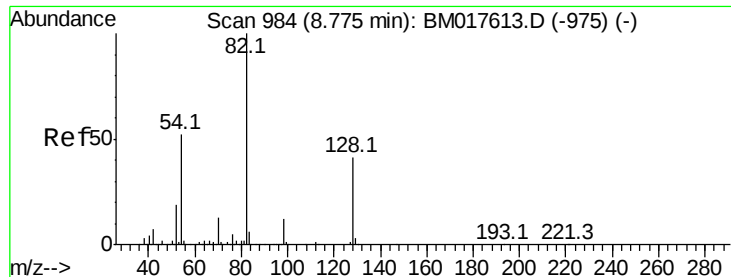
Ion 105.00 (104.70 to 105.70): E

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





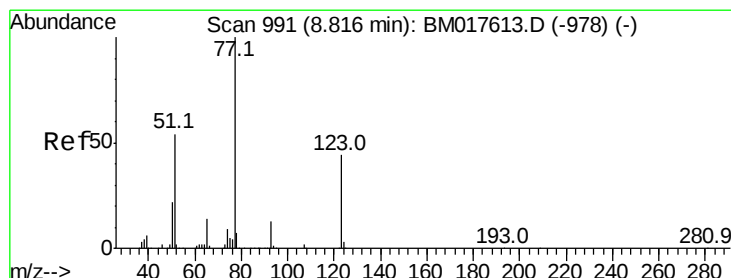
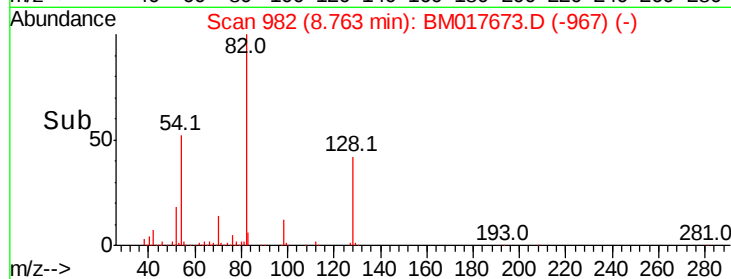
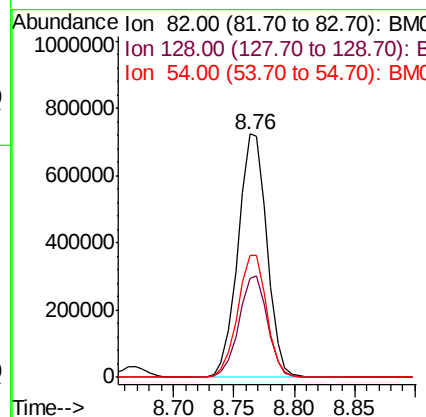
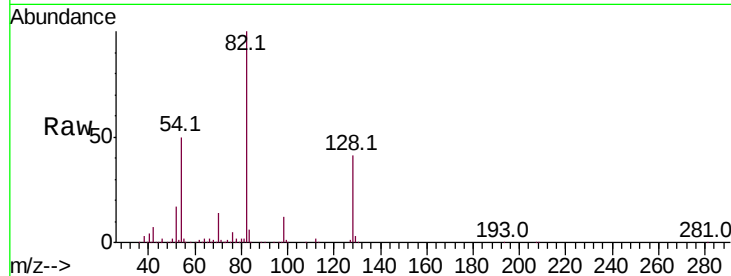
#23
 Nitrobenzene-d5
 Concen: 66.553 ng
 RT: 8.76 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.0	49.4
54	49.9	41.4	62.2

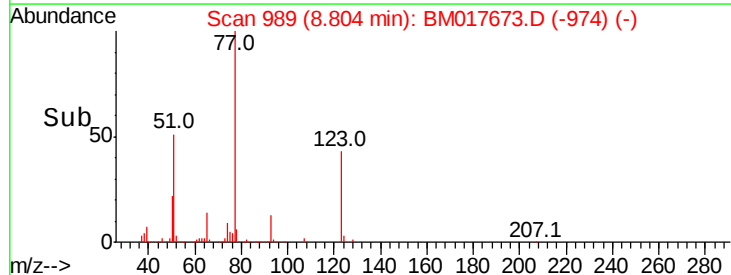
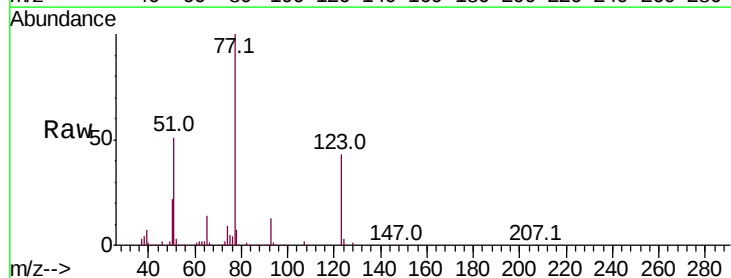
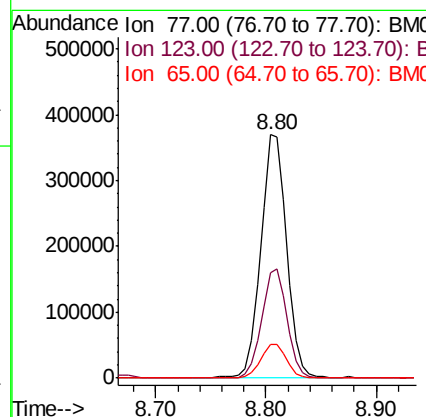
Manual Integrations
 APPROVED

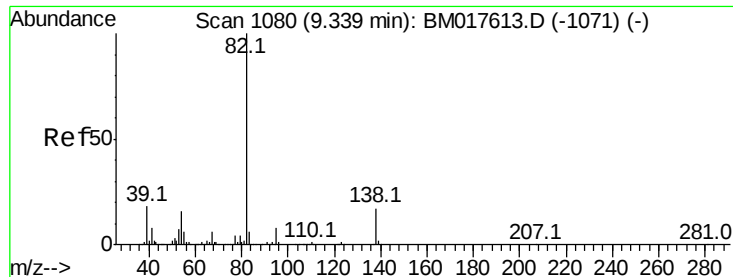
Sohil
 11/19/2018 3:07:47 PM



#24
 Nitrobenzene
 Concen: 33.023 ng
 RT: 8.80 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	35.1	52.7
65	14.0	11.0	16.6





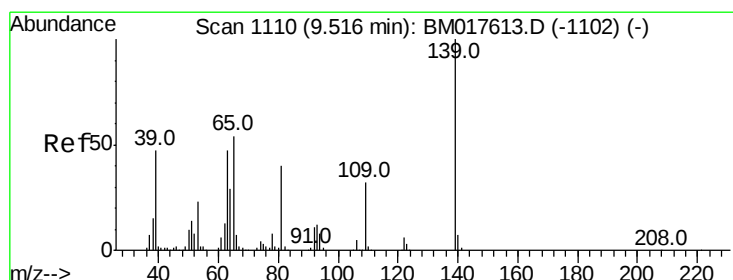
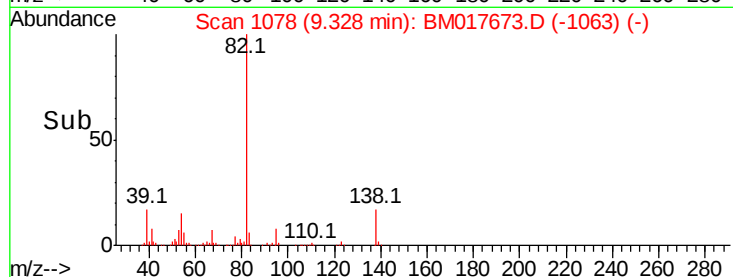
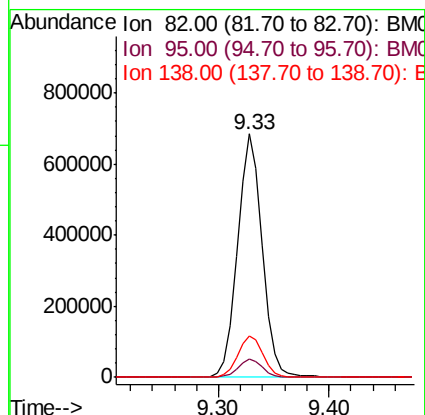
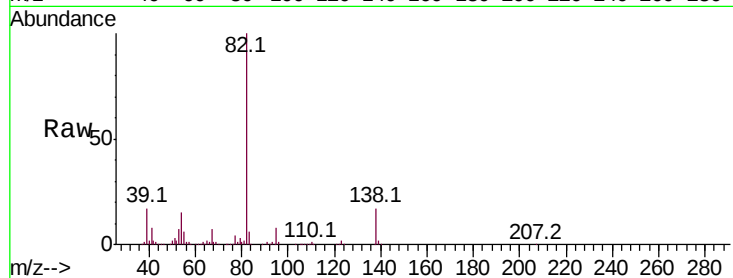
#25
Isophorone
Concen: 38.250 ng
RT: 9.33 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	17.1	13.9	20.9

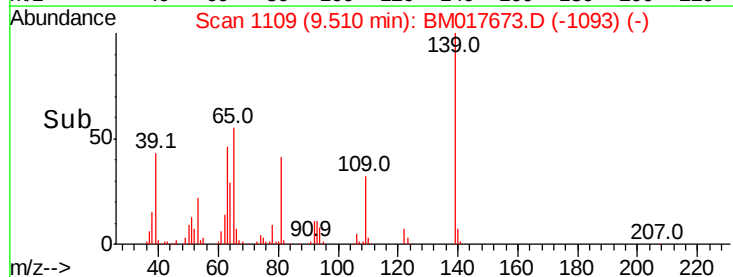
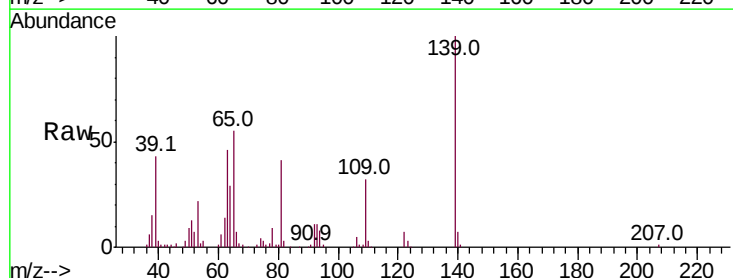
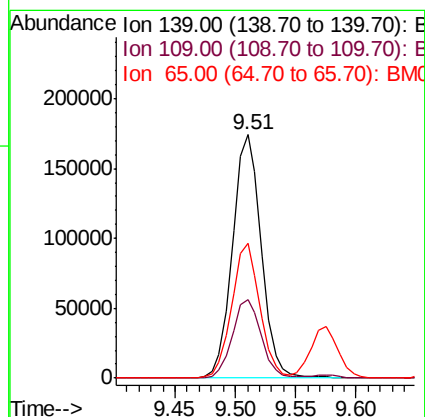
Manual Integrations
APPROVED

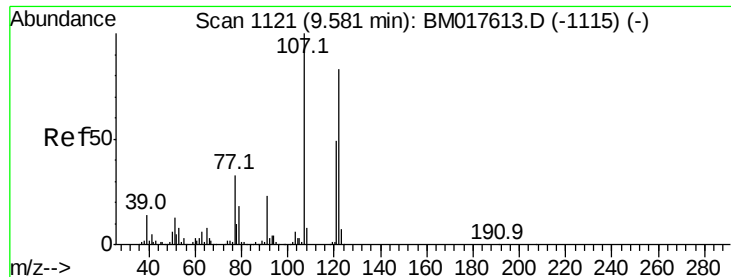
Sohil
11/19/2018 3:07:47 PM



#26
2-Nitrophenol
Concen: 33.971 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.3	25.9	38.9
65	55.3	43.0	64.4





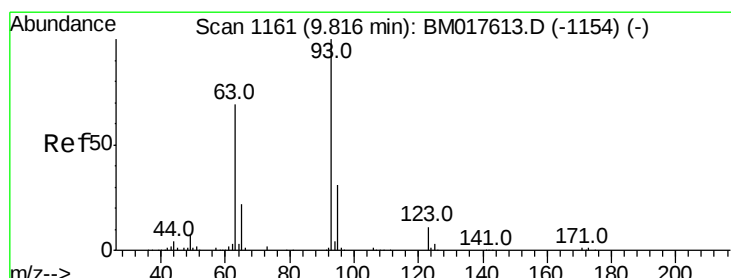
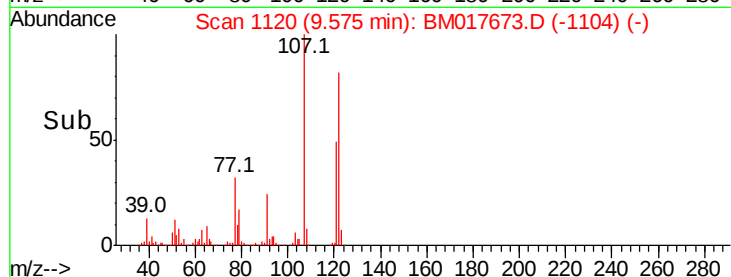
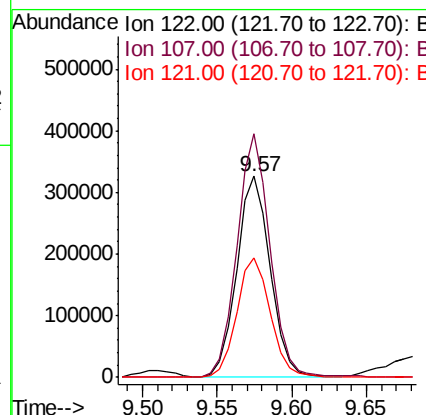
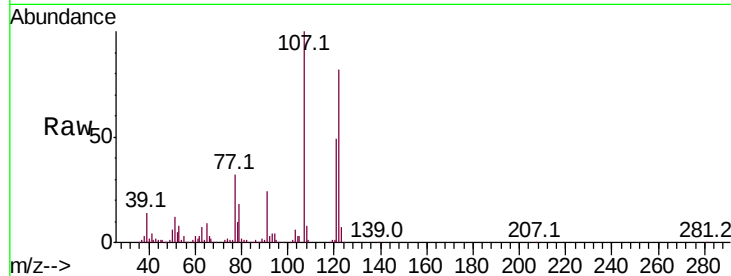
#27
2,4-Dimethylphenol
Concen: 41.211 ng
RT: 9.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	504646		
107	121.2	95.8	143.8	
121	59.6	47.2	70.8	

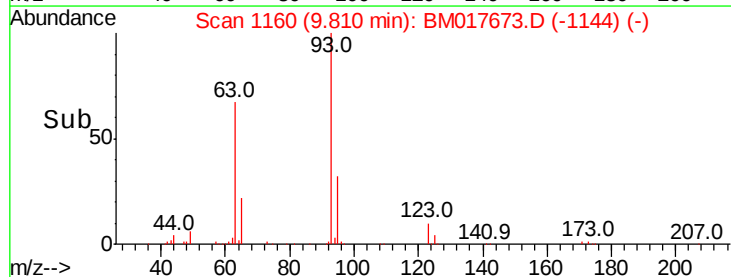
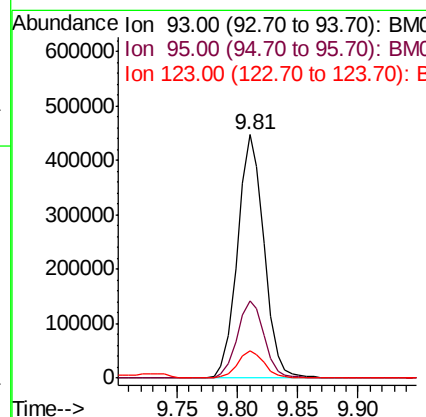
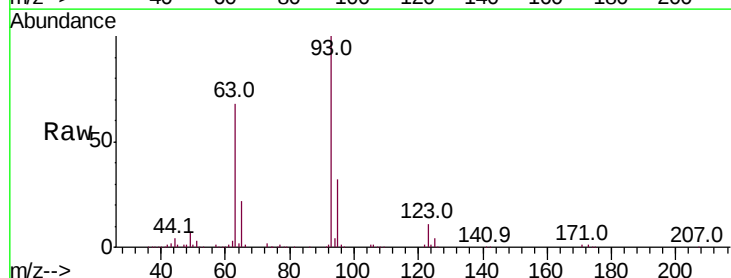
Manual Integrations
APPROVED

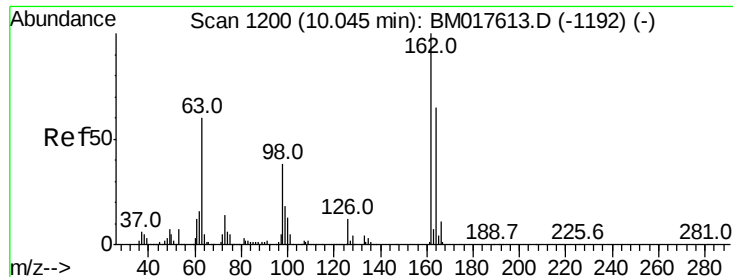
Sohil
11/19/2018 3:07:47 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.973 ng
RT: 9.81 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	684172		
95	31.9	24.9	37.3	
123	11.3	8.7	13.1	





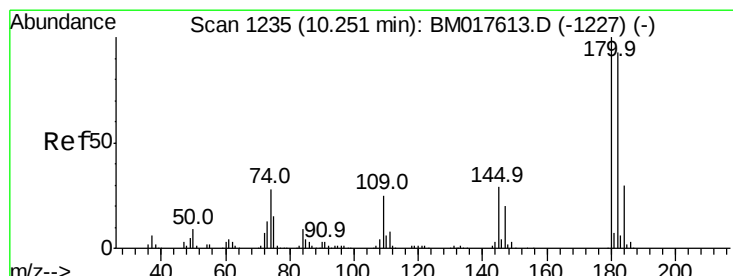
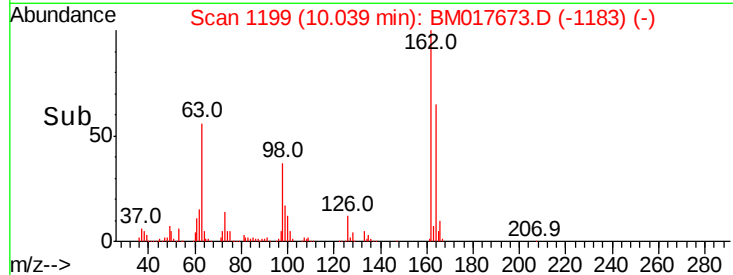
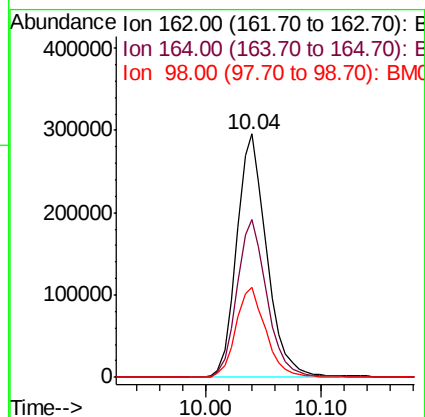
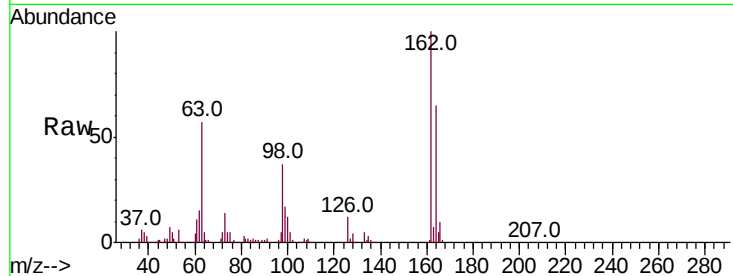
#29
2,4-Dichlorophenol
Concen: 37.478 ng
RT: 10.04 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion:162	Resp: 532736
Ion Ratio	Lower Upper
162 100	
164 64.6	45.0 85.0
98 37.2	17.5 57.5

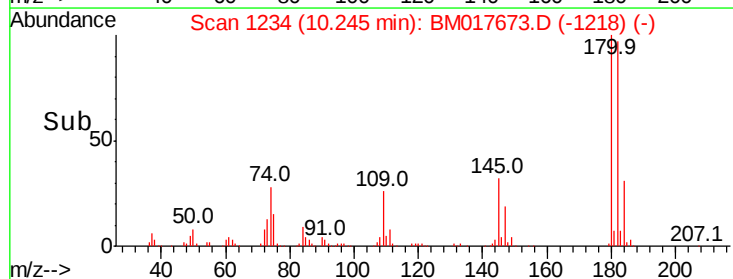
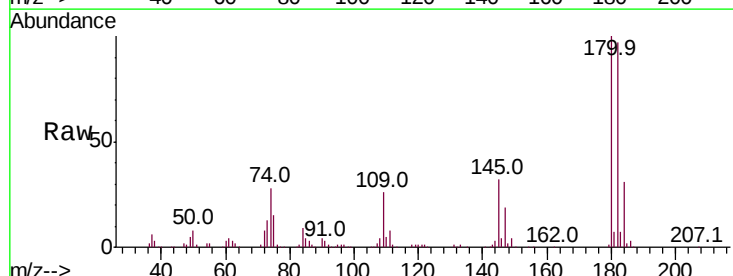
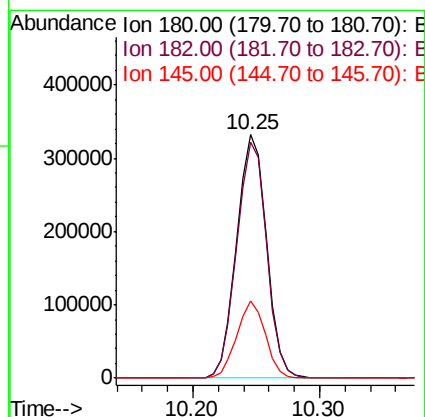
Manual Integrations
APPROVED

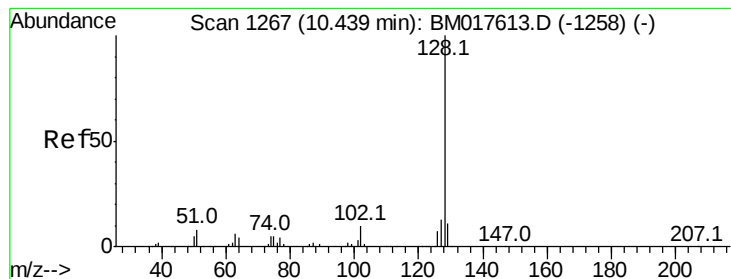
Sohil
11/19/2018 3:07:47 PM



#30
1,2,4-Trichlorobenzene
Concen: 32.752 ng
RT: 10.25 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:180	Resp: 541472
Ion Ratio	Lower Upper
180 100	
182 97.0	74.4 111.6
145 31.7	23.5 35.3





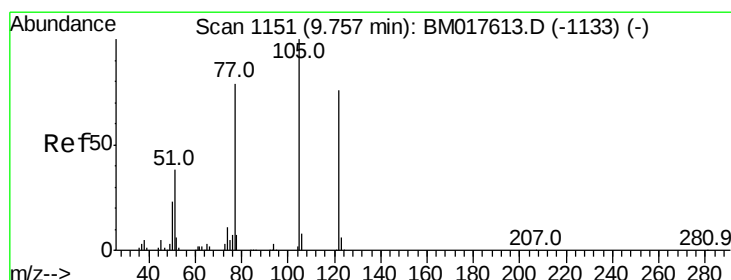
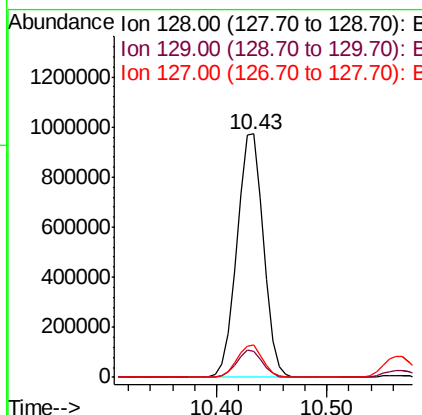
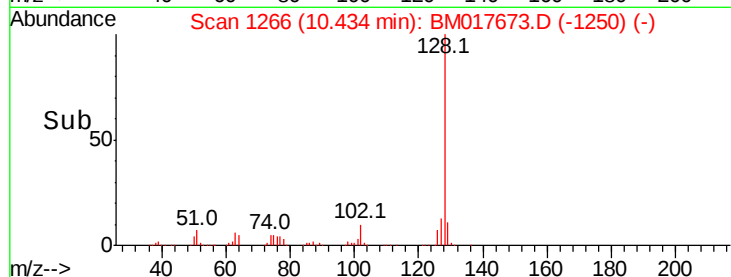
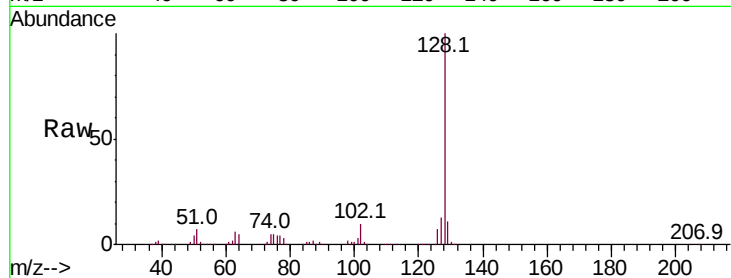
#31
Naphthalene
Concen: 35.640 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion:128 Resp: 1644725
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.3 10.3 15.5

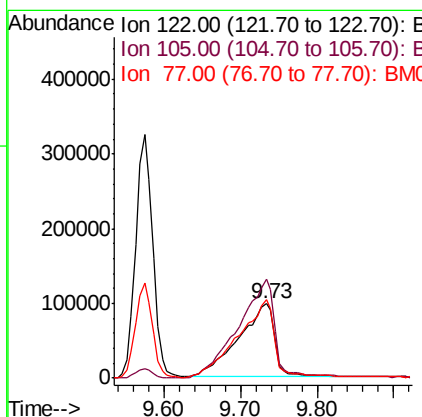
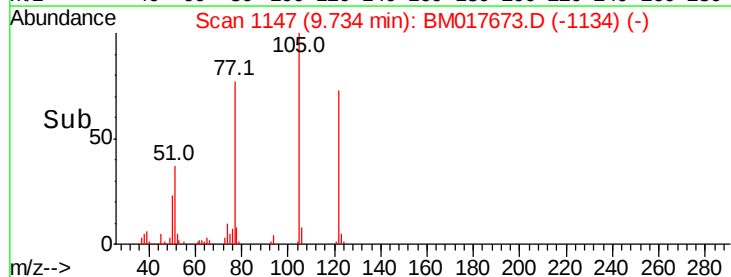
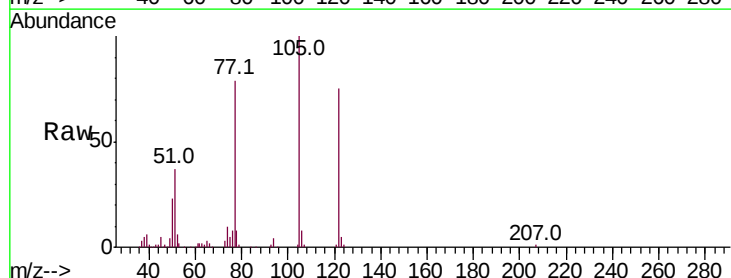
Manual Integrations
APPROVED

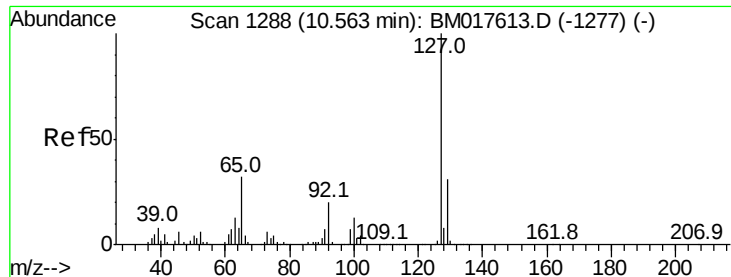
Sohil
11/19/2018 3:07:47 PM



#32
Benzoic acid
Concen: 28.984 ng m
RT: 9.73 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:122 Resp: 321503
Ion Ratio Lower Upper
122 100
105 132.9 109.1 149.1
77 104.6 82.1 122.1





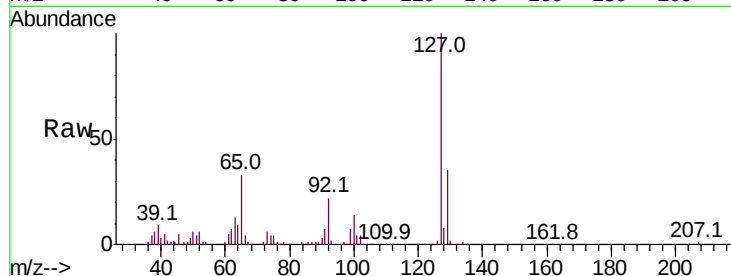
#33
4-Chloroaniline
Concen: 8.285 ng
RT: 10.56 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

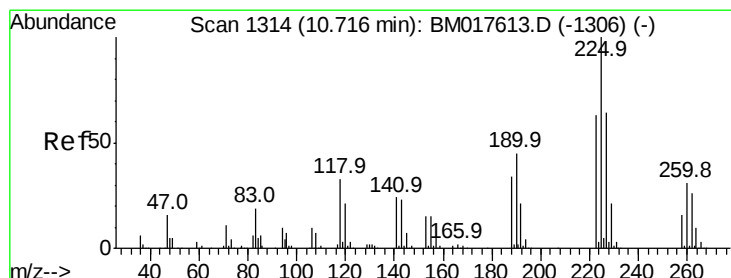
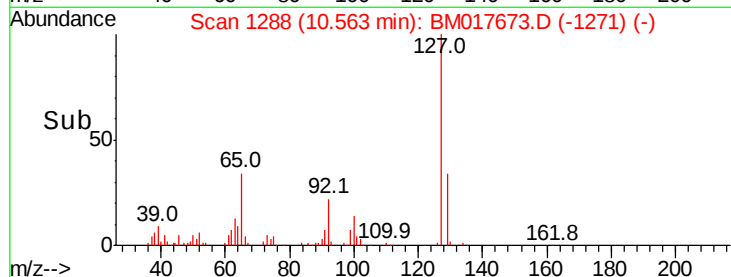
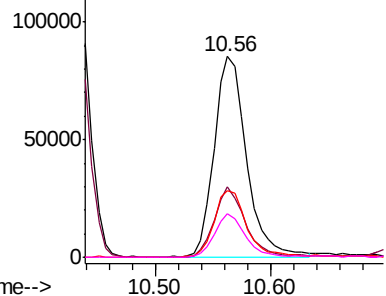
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.8	25.0	37.4	
65	33.3	25.8	38.8	
92	21.6	15.8	23.6	

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM

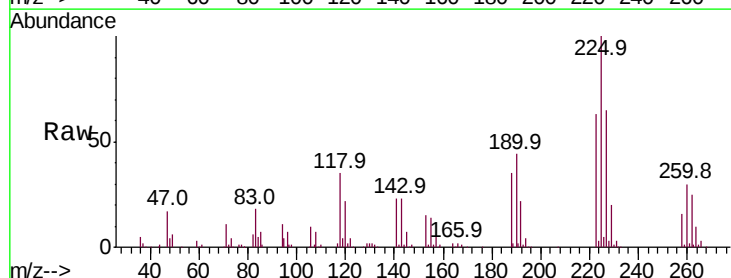


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

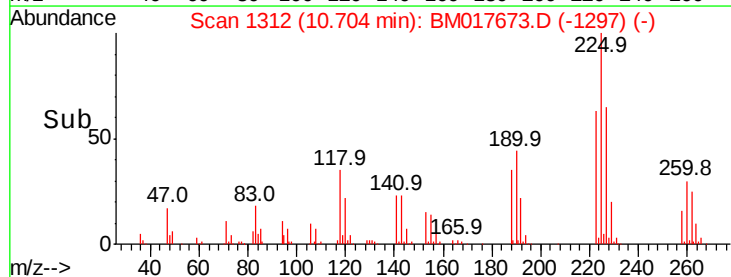
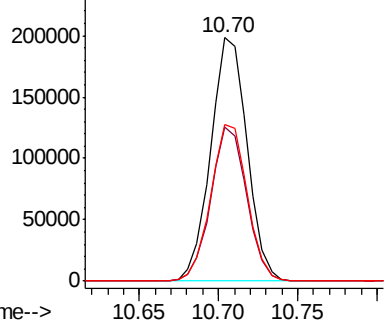


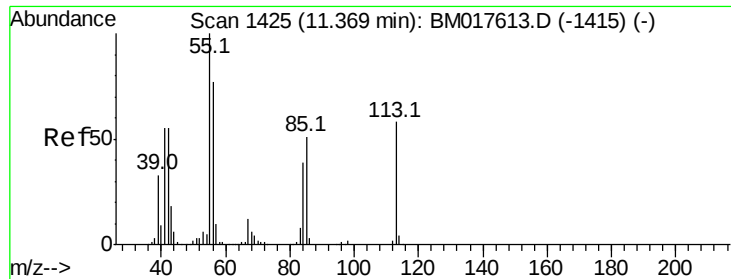
#34
Hexachlorobutadiene
Concen: 30.856 ng
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	50.7	76.1	
227	64.5	51.0	76.4	



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





#35

Caprolactam

Concen: 32.424 ng/mL

RT: 11.35 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleID :

PB114851BS

Tot Ion:113 Resp: 169734

Ion Ratio Lower Upper

113 100

55 164.8 153.1 193.1

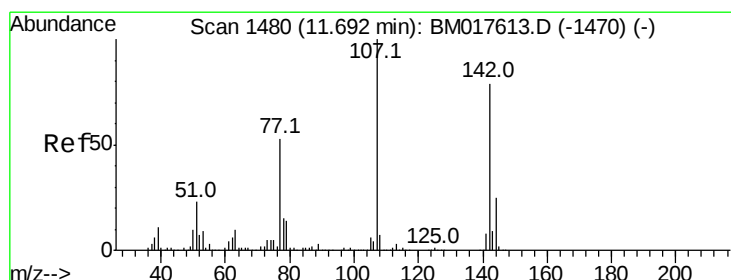
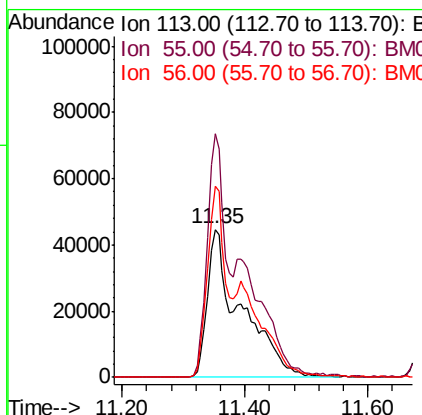
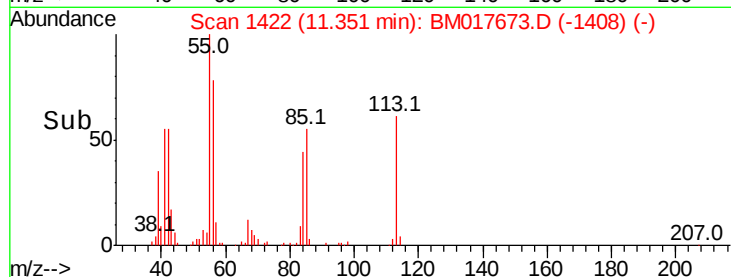
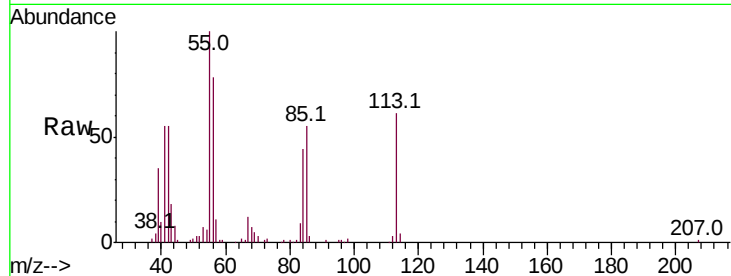
56 129.3 112.7 152.7

Manual Integrations

APPROVED

Sohil

11/19/2018 3:07:47 PM



#36

4-Chloro-3-methylphenol

Concen: 36.588 ng/mL

RT: 11.69 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

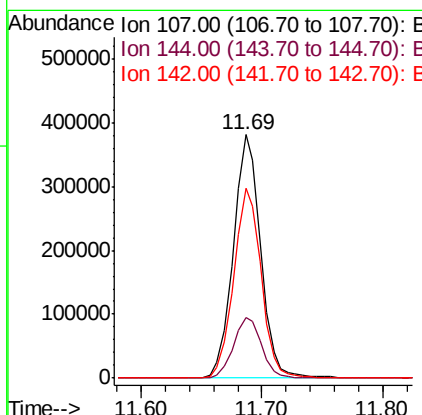
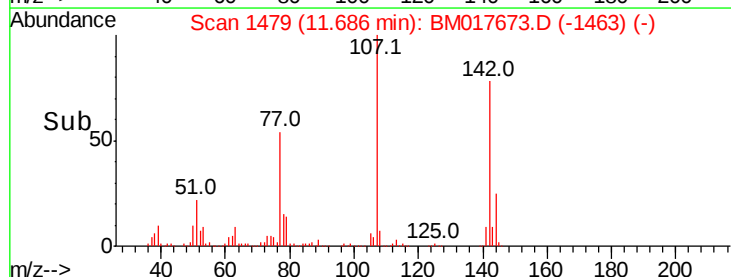
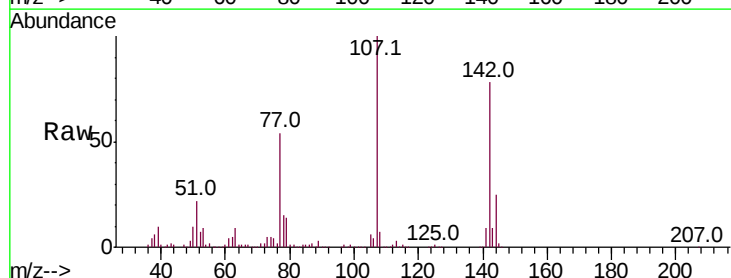
Tgt Ion:107 Resp: 600467

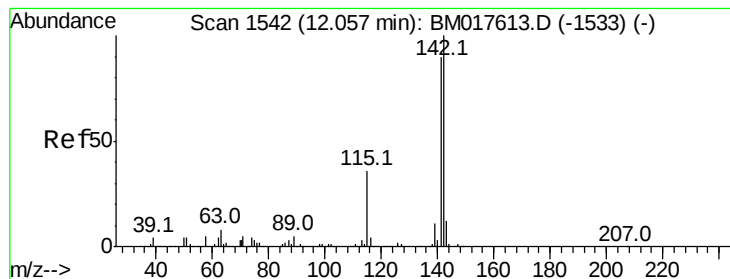
Ion Ratio Lower Upper

107 100

144 25.1 19.9 29.9

142 78.1 63.0 94.4





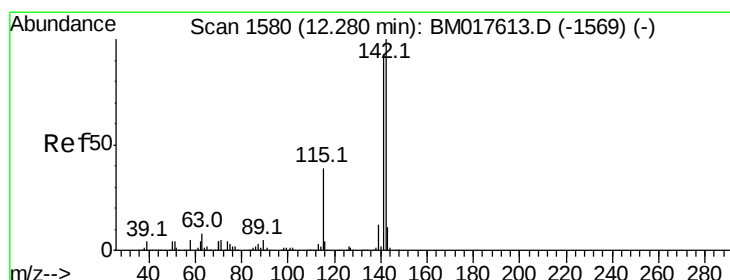
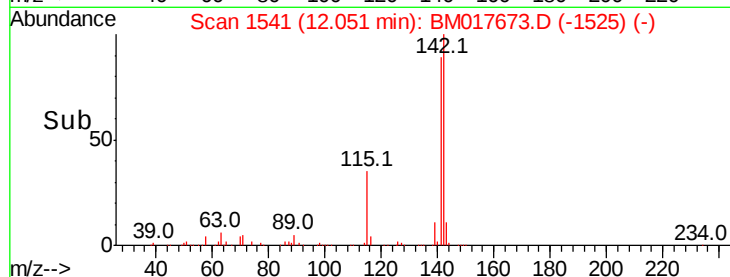
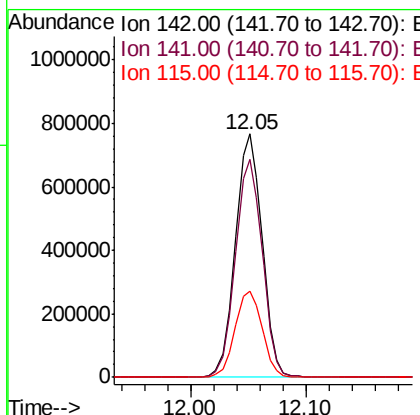
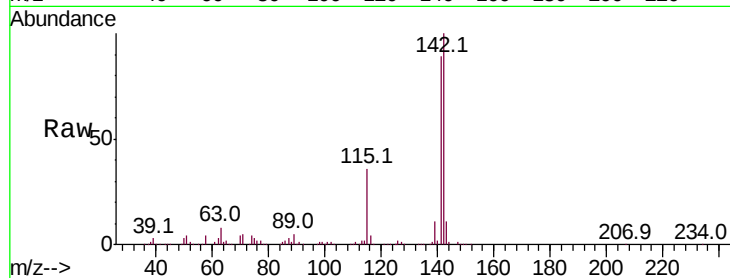
#37
2-Methylnaphthalene
Concen: 37.702 ng
RT: 12.05 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.2	108.4
115	35.6	28.5	42.7

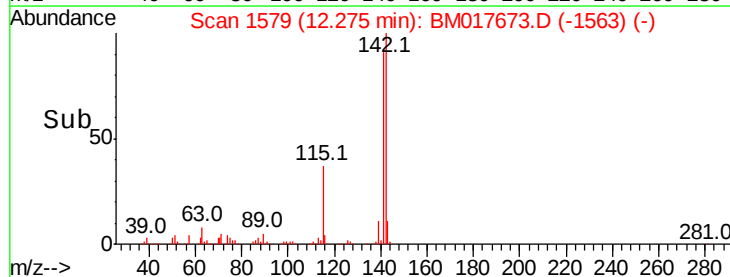
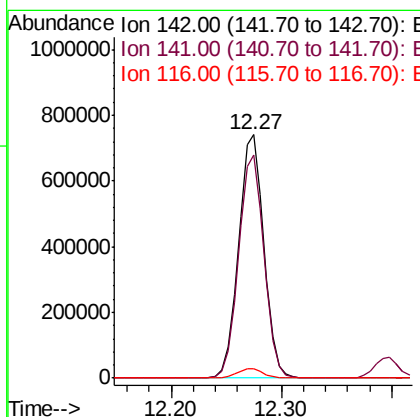
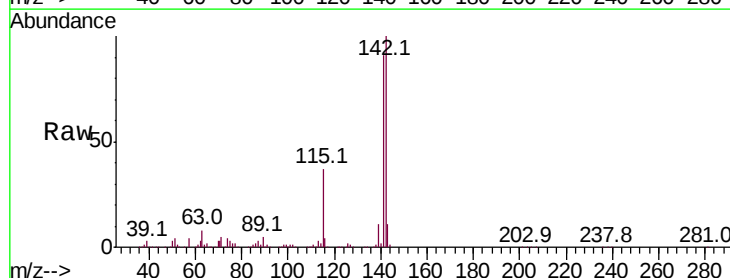
Manual Integrations
APPROVED

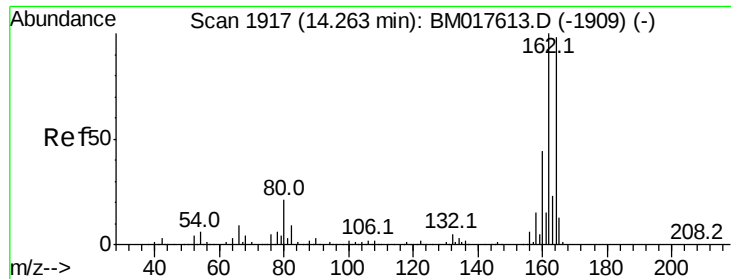
Sohil
11/19/2018 3:07:47 PM



#38
1-Methylnaphthalene
Concen: 37.035 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.2	111.4
116	3.8	3.1	4.7





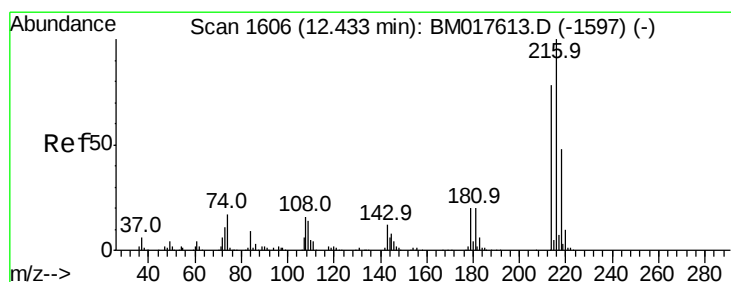
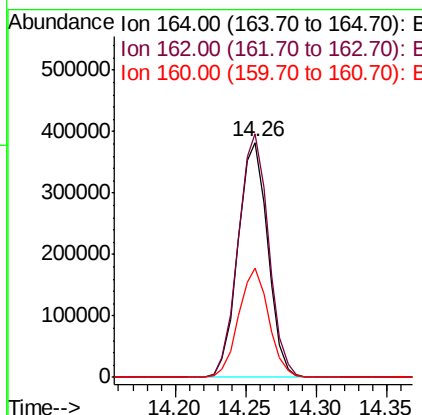
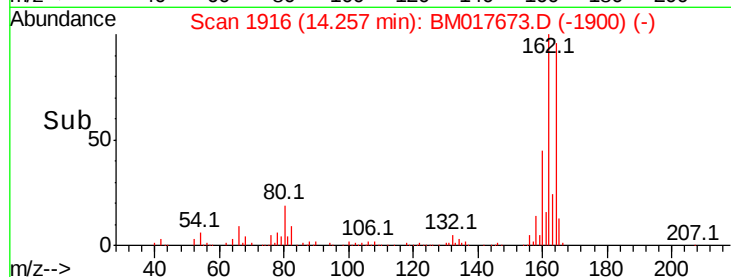
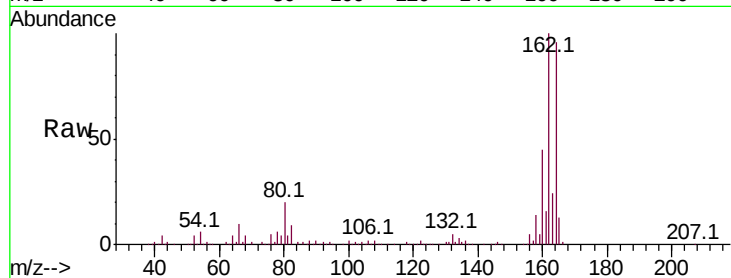
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	46.2	35.6	53.4

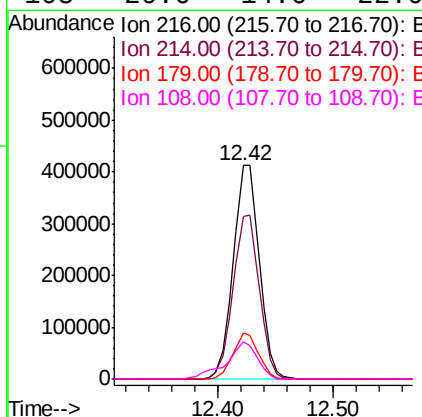
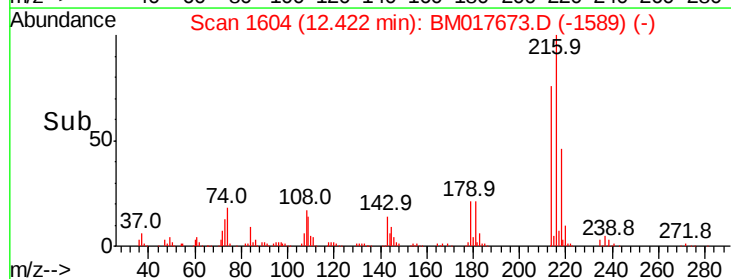
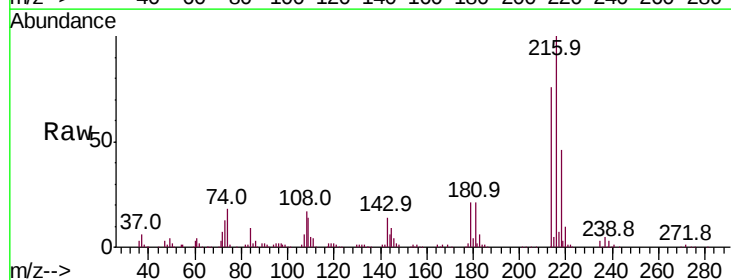
Manual Integrations
APPROVED

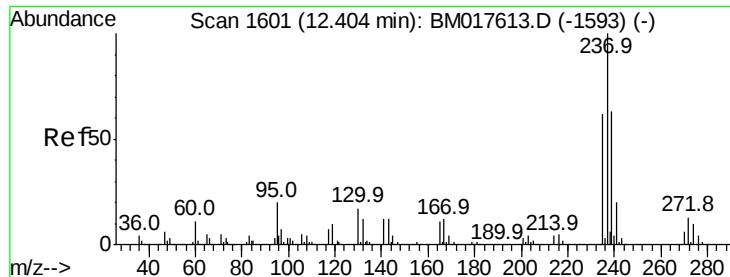
Sohil
11/19/2018 3:07:47 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.463 ng
RT: 12.42 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.5	93.7
179	20.9	16.8	25.2
108	20.6	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 78.185 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

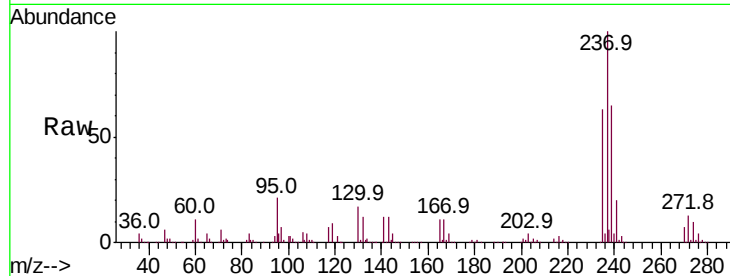
ClientSampleId :

PB114851BS

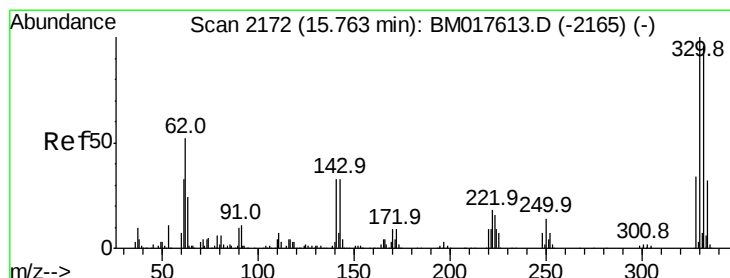
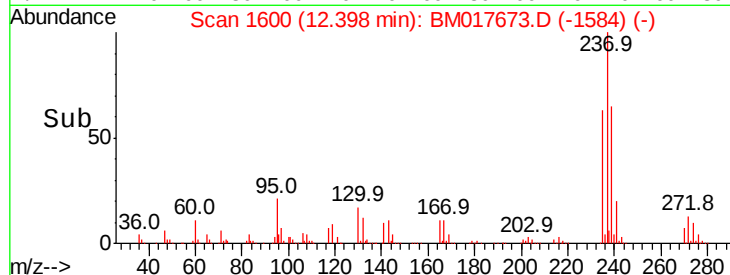
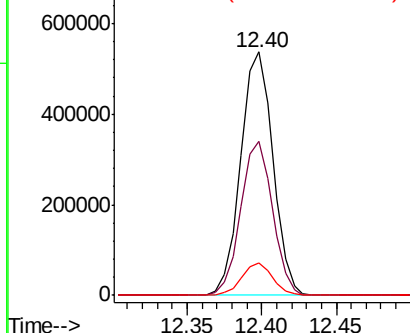
Tot Ion:	237	Resp:	803219
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.2	82.2
272	13.1	0.0	32.6

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.018 ng

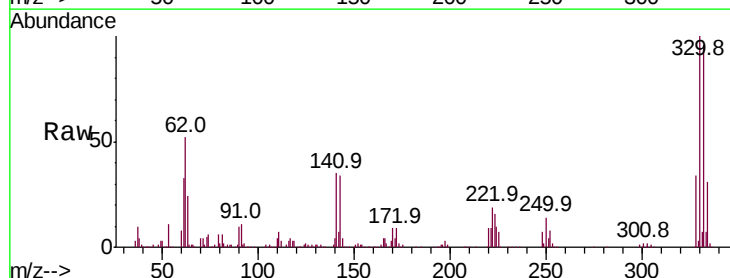
RT: 15.76 min Scan# 2171

Delta R.T. -0.01 min

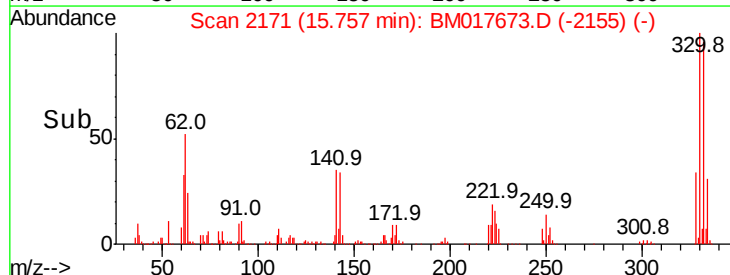
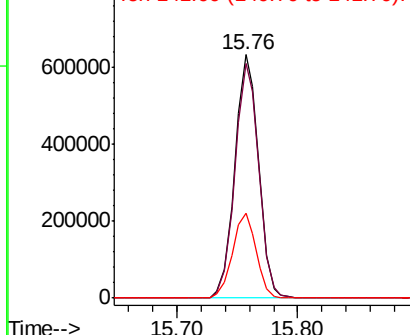
Lab File: BM017673.D

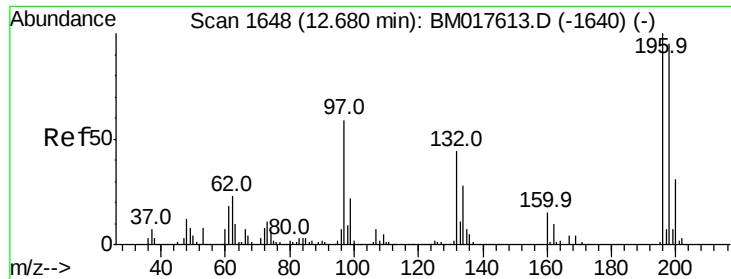
Acq: 16 Nov 2018 10:42

Tgt Ion:	330	Resp:	866963
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.9	116.9
141	35.0	27.5	41.3



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





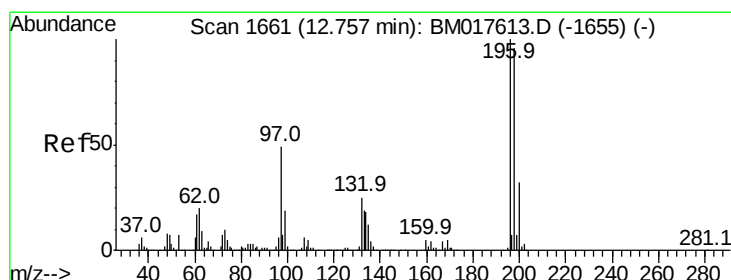
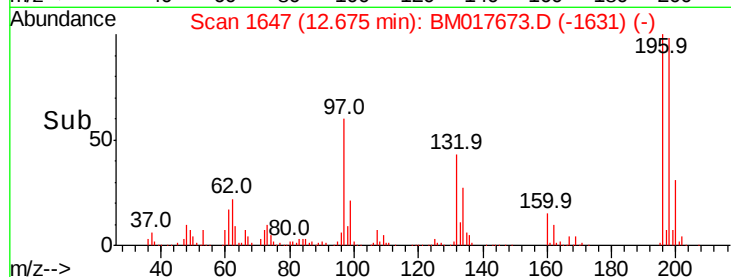
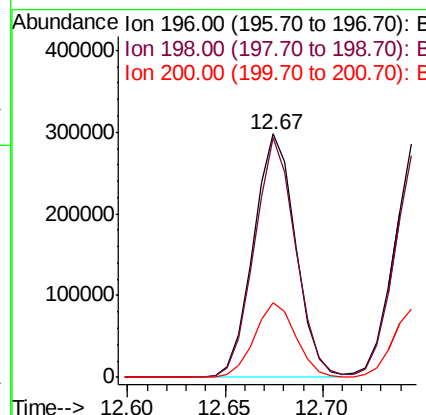
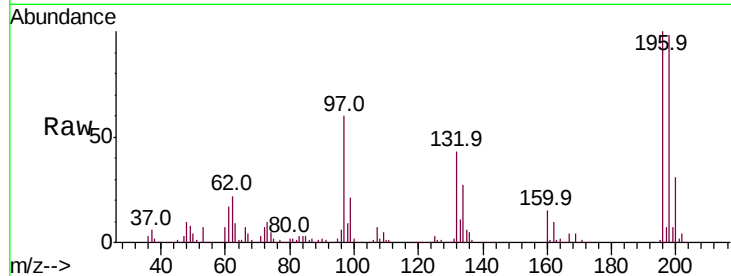
#43
 2,4,6-Trichlorophenol
 Concen: 35.738 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Instrument :
 BNA_M
 ClientSampleID :
 PB114851BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	445048		
198	98.4	75.6	113.4	
200	30.8	24.8	37.2	

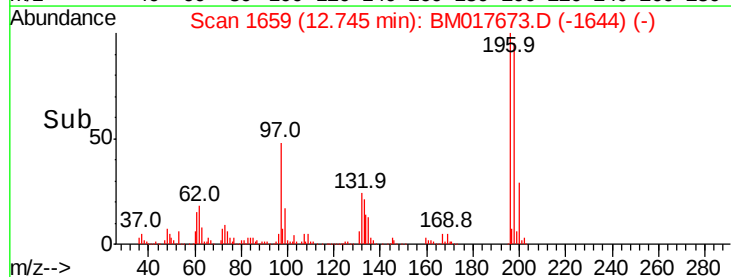
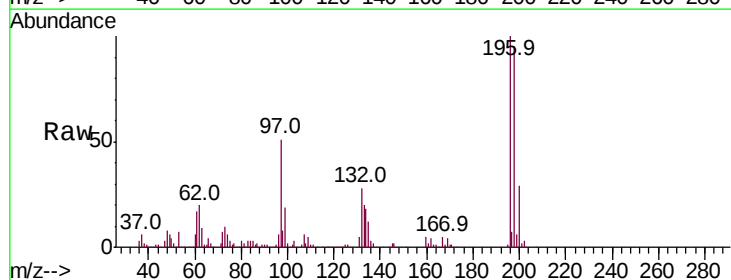
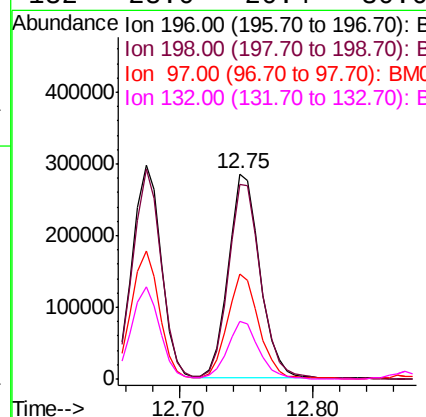
Manual Integrations
 APPROVED

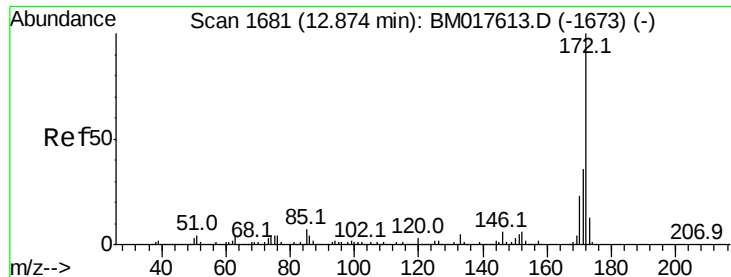
Sohil
 11/19/2018 3:07:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.138 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	475171		
198	94.7	76.8	115.2	
97	51.2	39.0	58.6	
132	28.0	20.4	30.6	





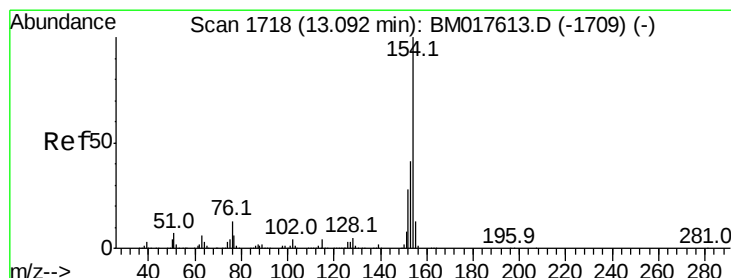
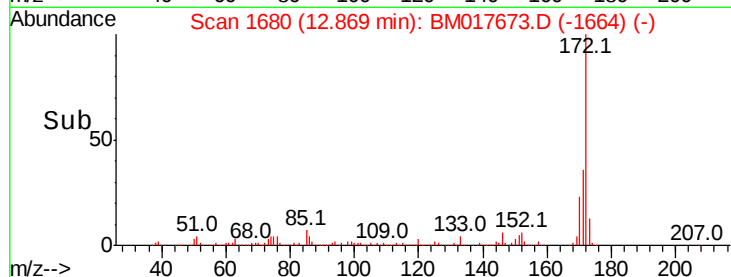
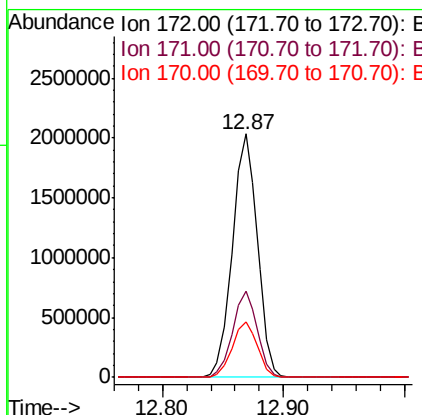
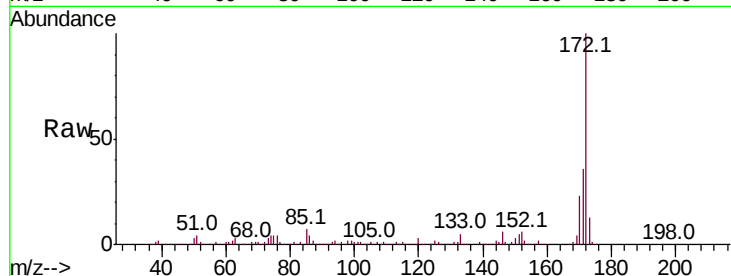
#45
2-Fluorobiphenyl
Concen: 67.538 ng
RT: 12.87 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	22.8	18.3	27.5

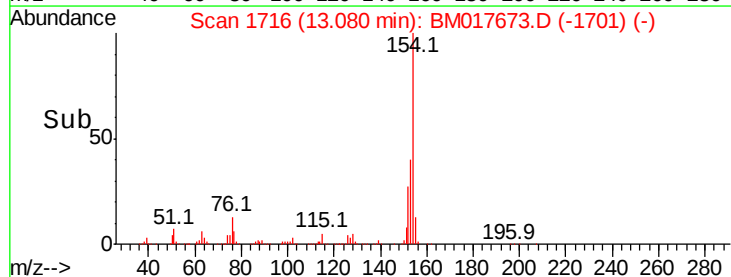
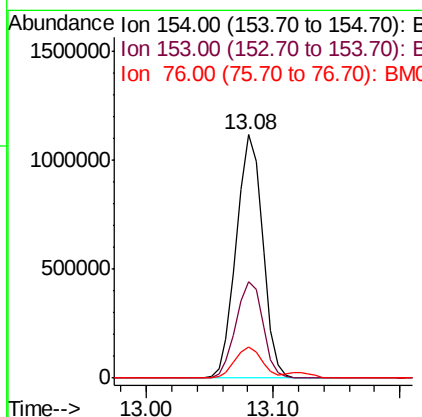
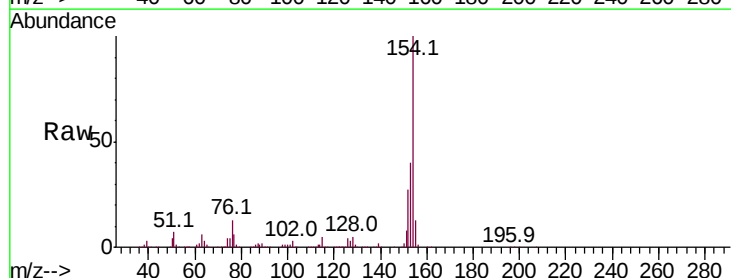
Manual Integrations
APPROVED

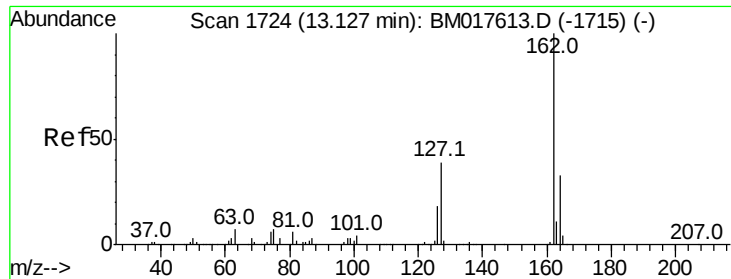
Sohil
11/19/2018 3:07:47 PM



#46
1,1'-Biphenyl
Concen: 31.908 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.8	60.8
76	12.9	0.0	32.8





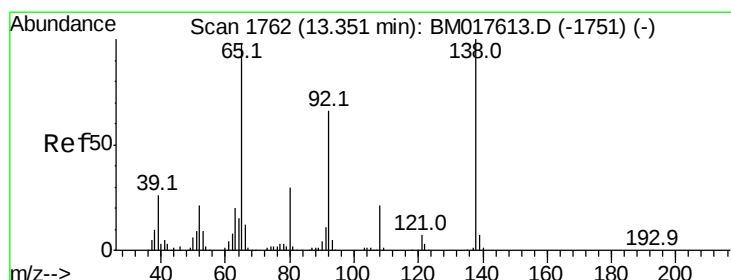
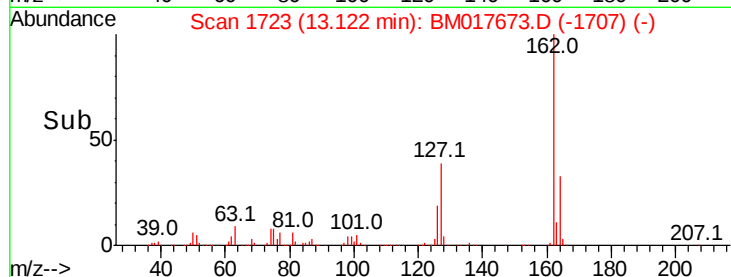
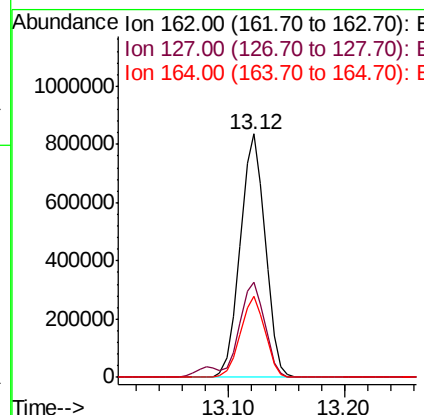
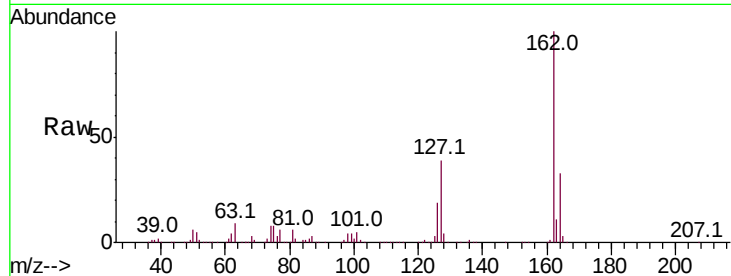
#47
2-Chloronaphthalene
Concen: 33.323 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.6	48.8
164	33.1	26.5	39.7

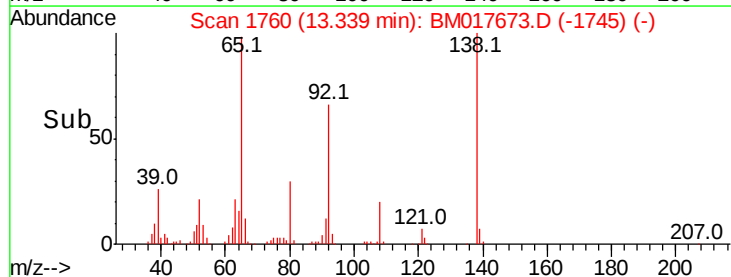
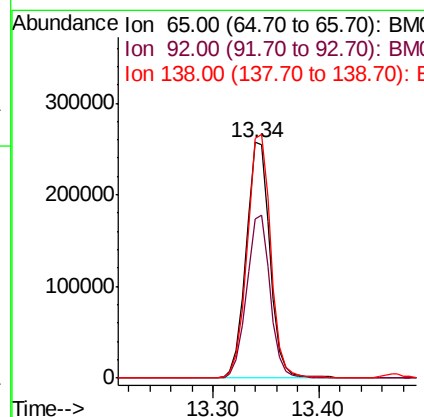
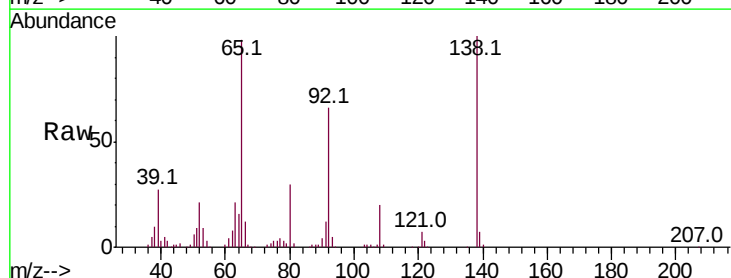
Manual Integrations
APPROVED

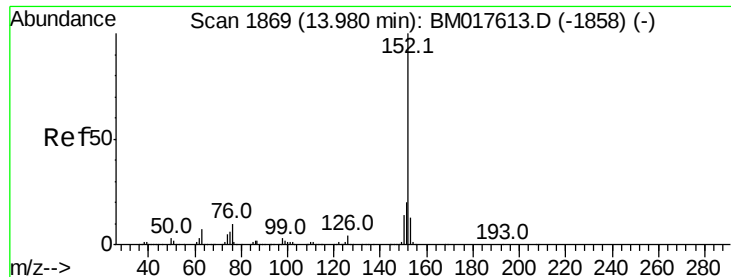
Sohil
11/19/2018 3:07:47 PM



#48
2-Nitroaniline
Concen: 34.417 ng
RT: 13.34 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	53.7	80.5
138	101.7	81.5	122.3





#49

Acenaphthylene

Concen: 36.689 ng

RT: 13.97 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tot Ion:152 Resp: 2070638

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

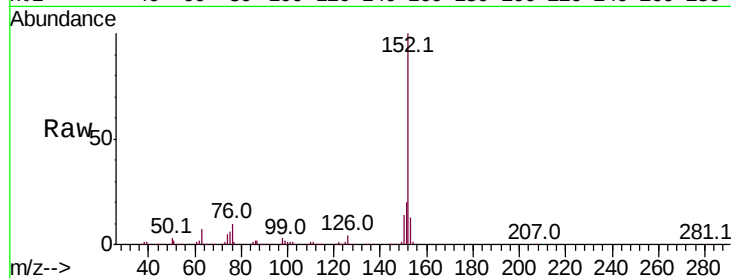
153 13.0 10.5 15.7

Manual Integrations

APPROVED

Sohil

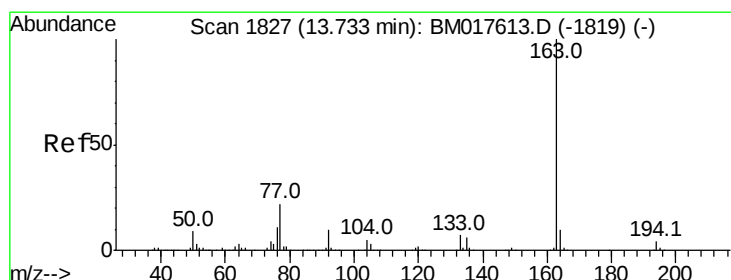
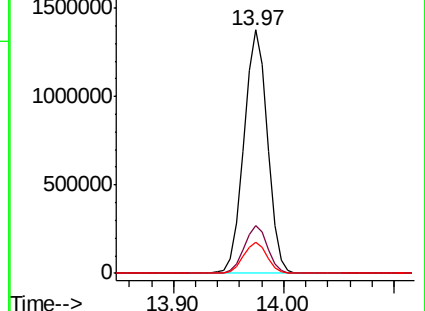
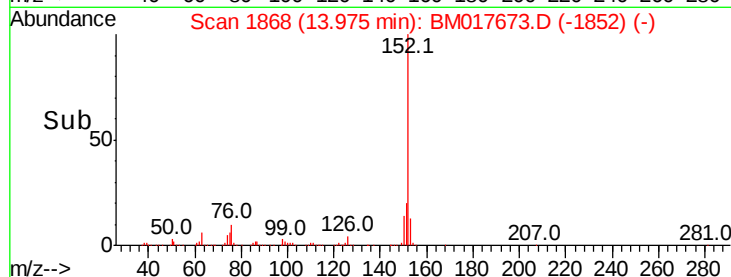
11/19/2018 3:07:47 PM



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: 35.281 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

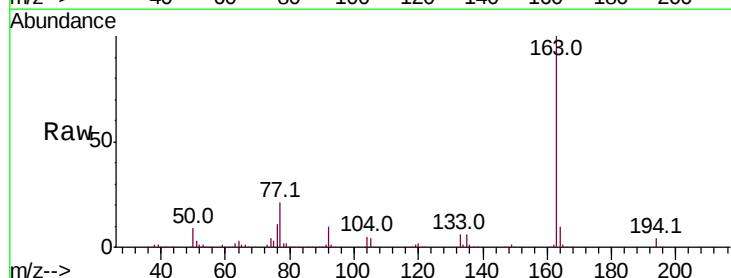
Tgt Ion:163 Resp: 1617269

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

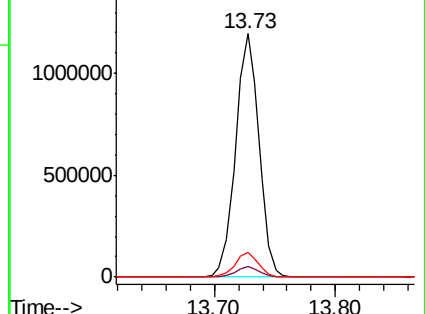
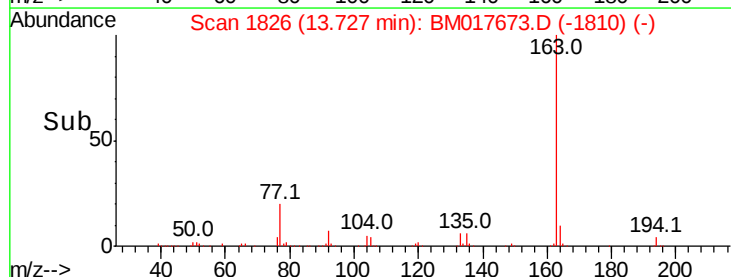
164 10.0 8.2 12.4

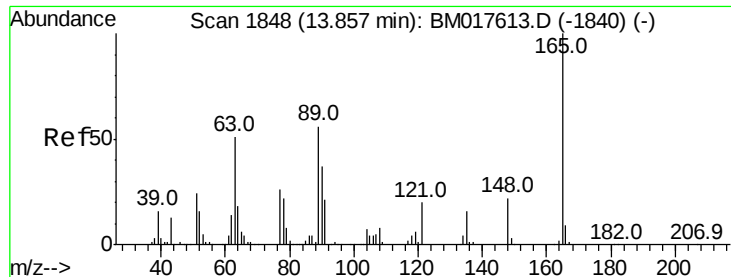


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





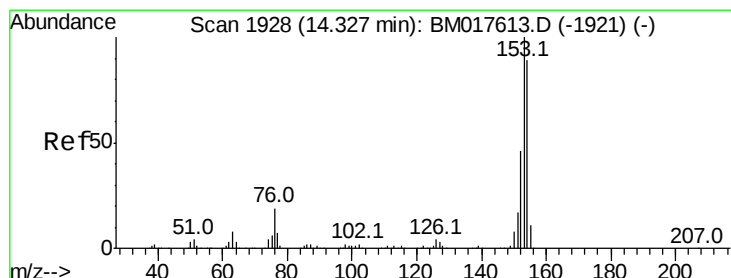
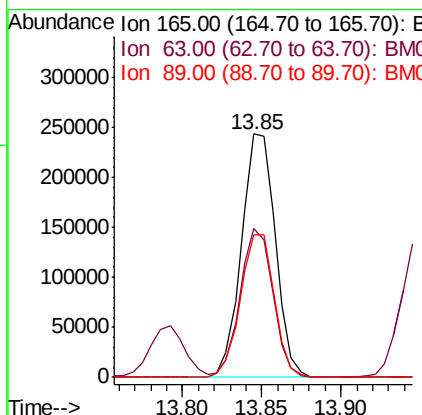
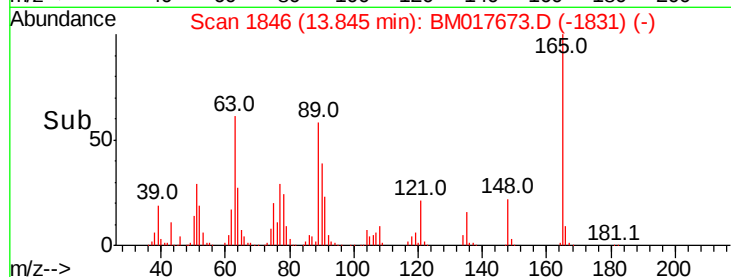
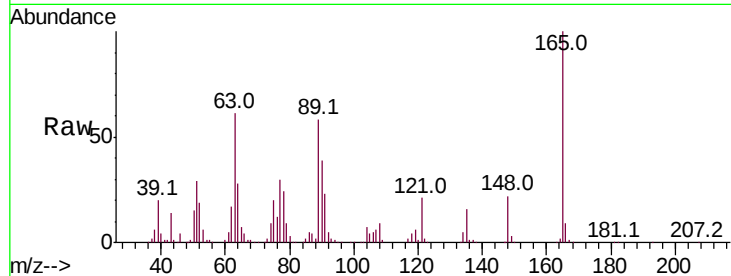
#51
2,6-Dinitrotoluene
Concen: 35.469 ng
RT: 13.85 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.2	47.3	70.9
89	58.4	44.8	67.2

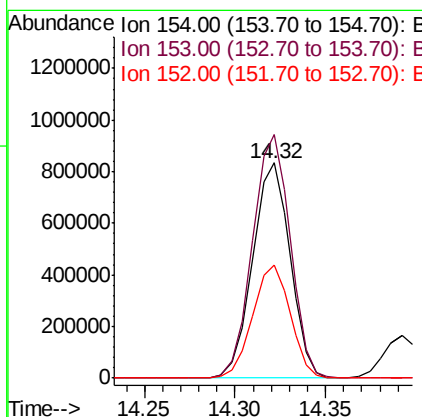
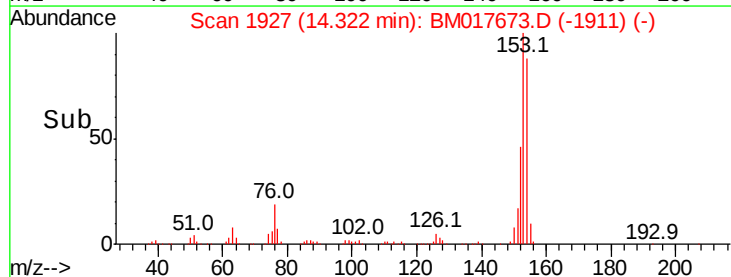
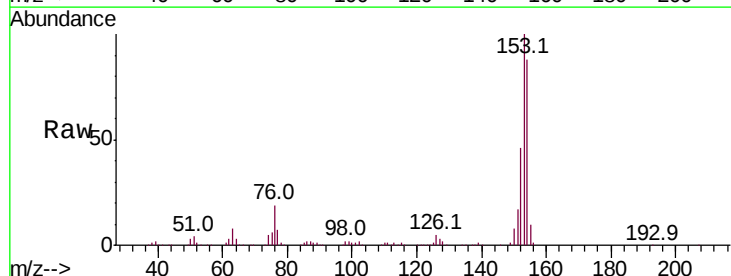
Manual Integrations
APPROVED

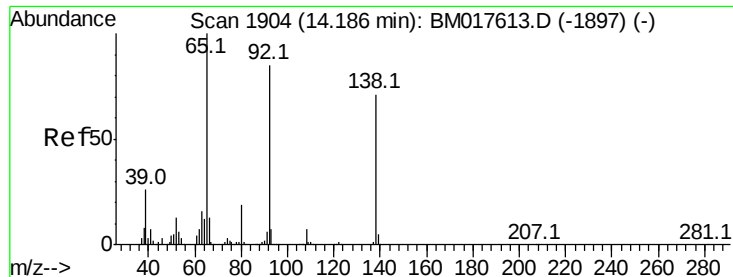
Sohil
11/19/2018 3:07:47 PM



#52
Acenaphthene
Concen: 34.576 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.2	135.4
152	52.6	41.6	62.4





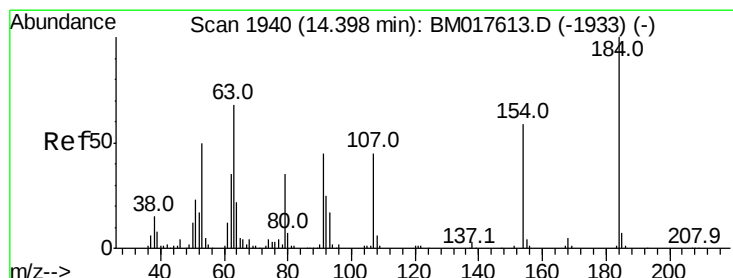
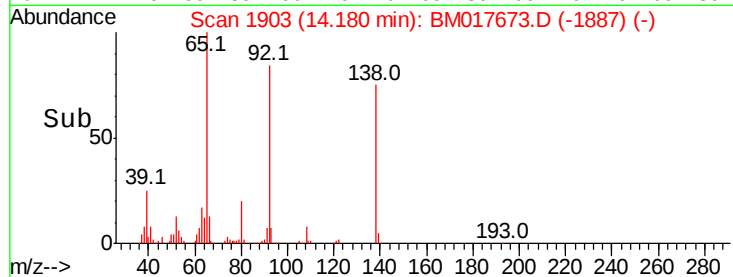
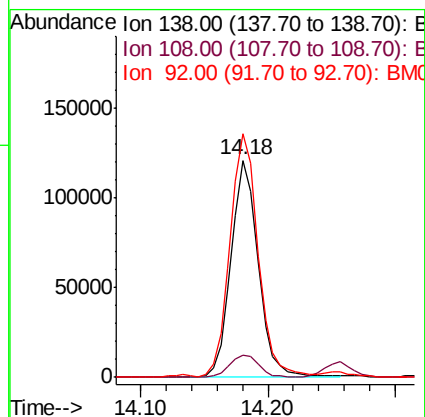
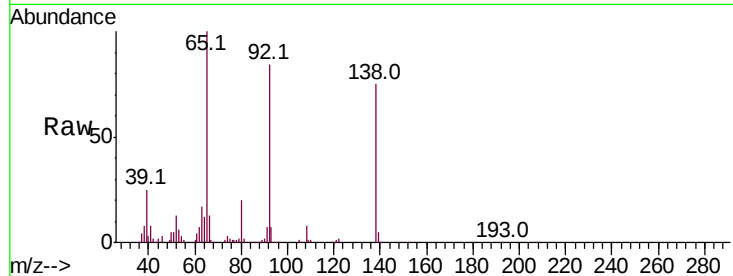
#53
3-Nitroaniline
Concen: 16.161 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.2
92	112.2	95.4	143.2

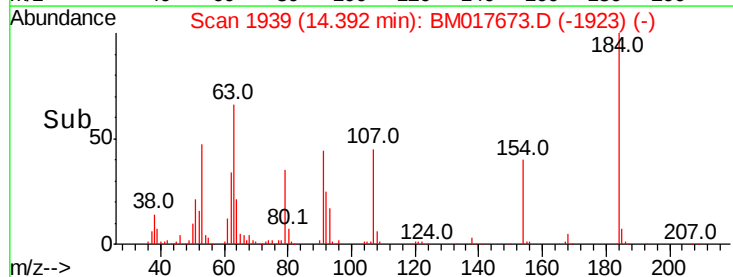
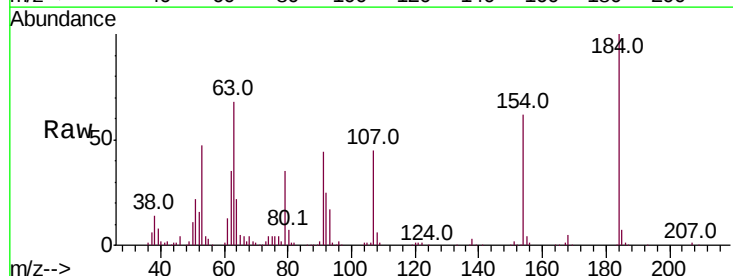
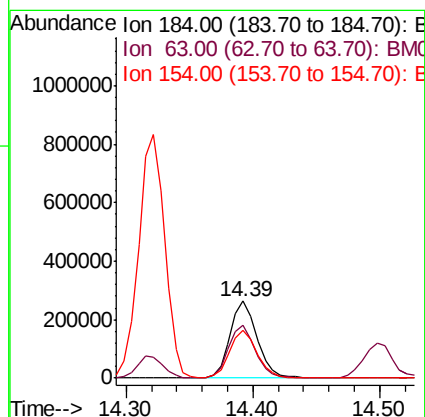
Manual Integrations
APPROVED

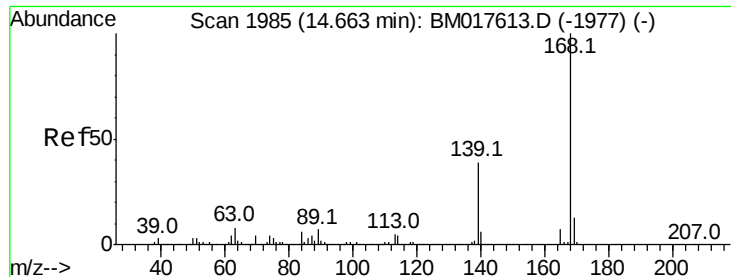
Sohil
11/19/2018 3:07:47 PM



#54
2,4-Dinitrophenol
Concen: 64.309 ng
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	55.1	82.7
154	62.0	51.3	76.9





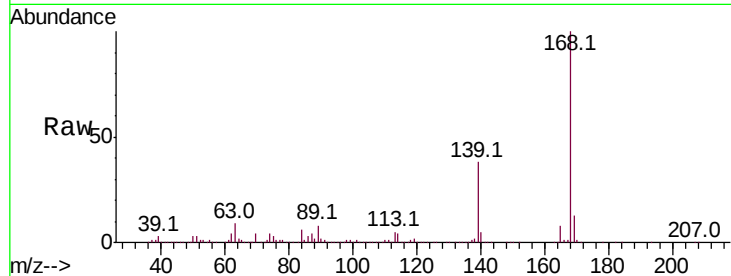
#55
Dibenzofuran
Concen: 34.948 ng
RT: 14.66 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

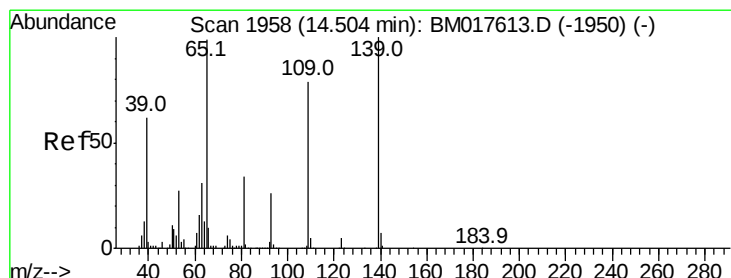
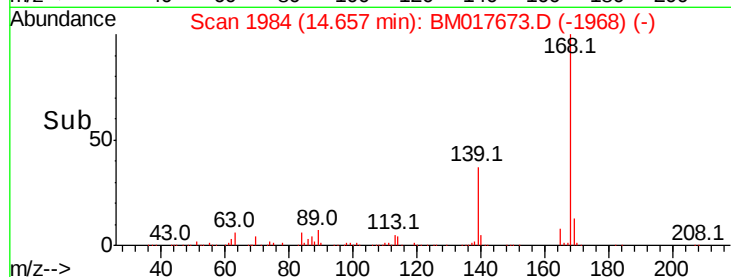
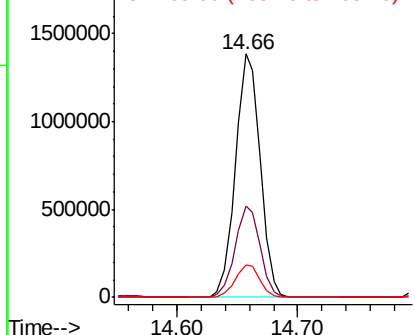
Tot Ion:168 Resp: 1978094
Ion Ratio Lower Upper
168 100
139 37.6 31.0 46.6
169 13.2 10.6 16.0

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM

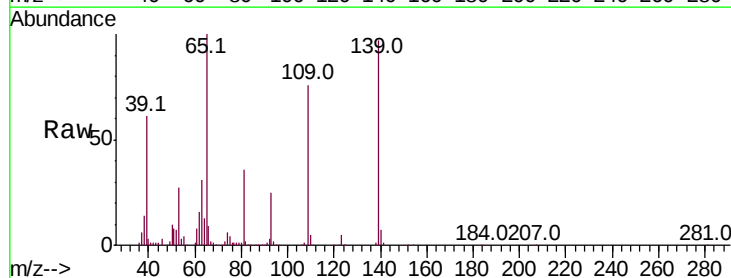


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

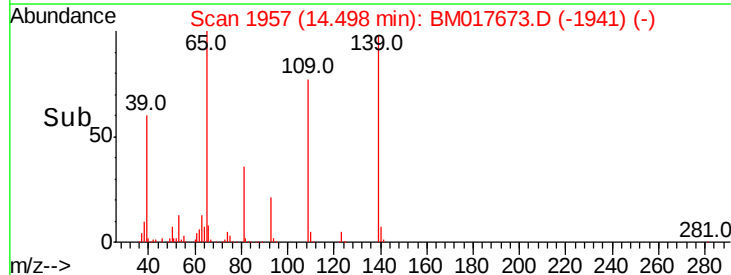
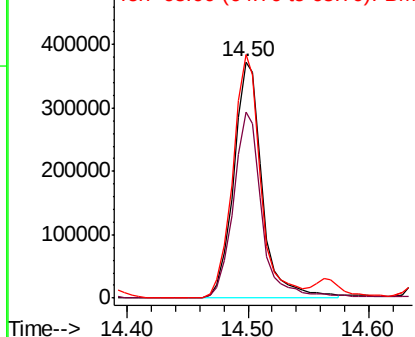


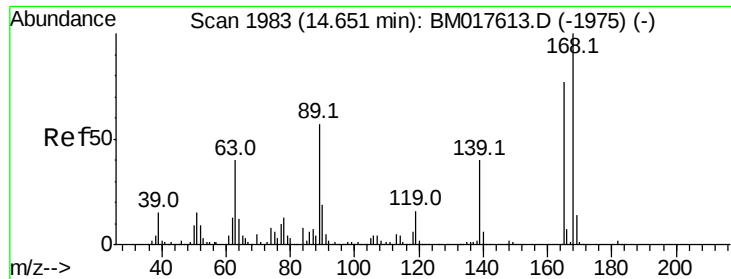
#56
4-Nitrophenol
Concen: 66.472 ng
RT: 14.50 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:139 Resp: 612582
Ion Ratio Lower Upper
139 100
109 78.6 58.6 98.6
65 103.1 79.5 119.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





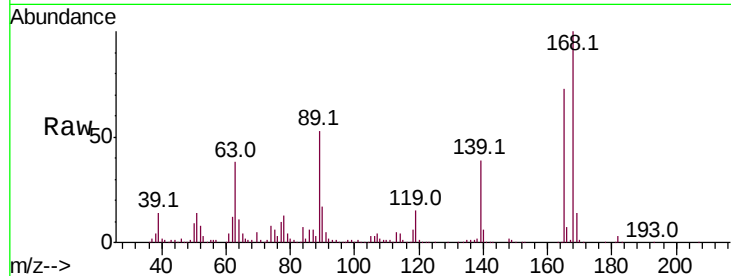
#57
2,4-Dinitrotoluene
Concen: 37.573 ng
RT: 14.65 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleID :
PB114851BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.0		41.8	62.8
89	73.0		59.5	89.3
182	3.5		2.3	3.5#

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



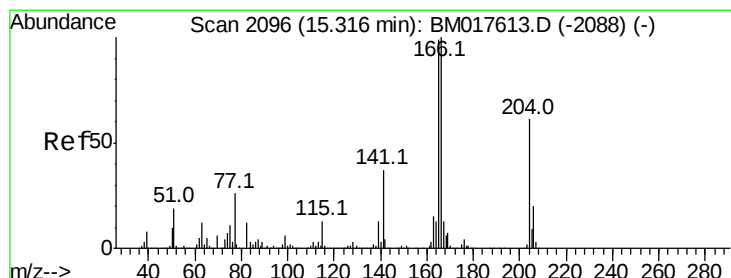
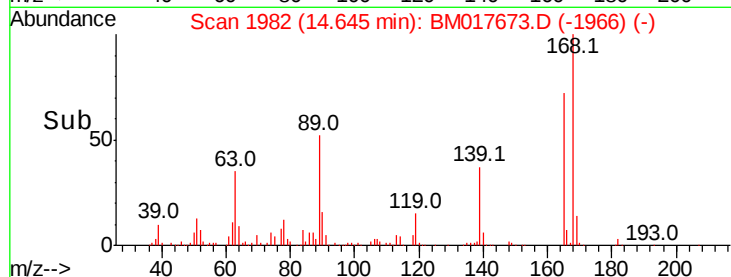
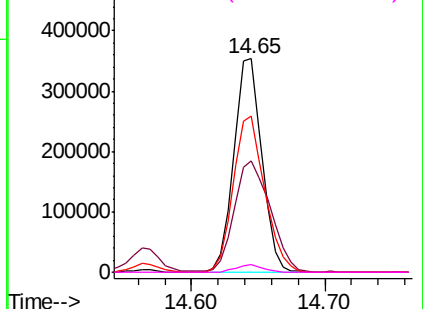
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.219 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

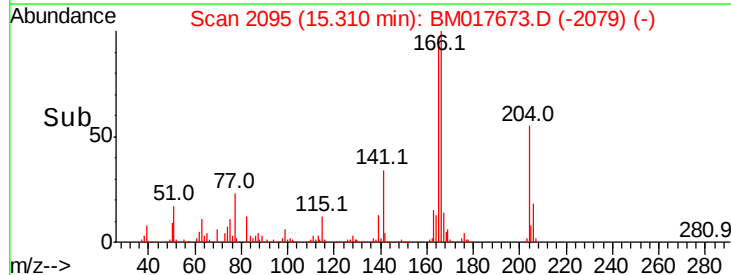
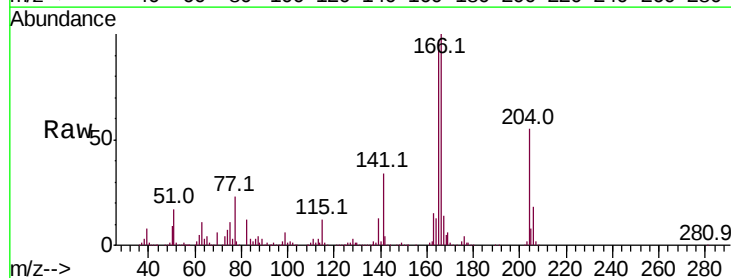
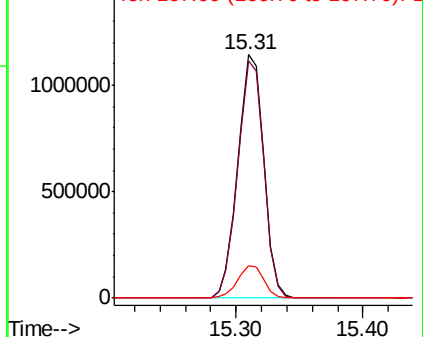
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5		79.0	118.6
167	13.5		10.8	16.2

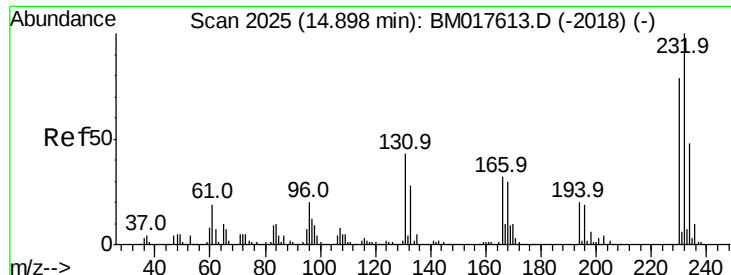
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





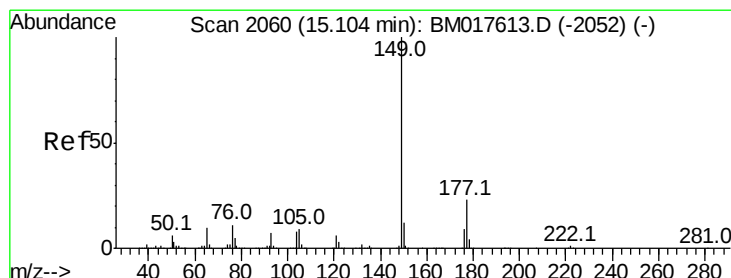
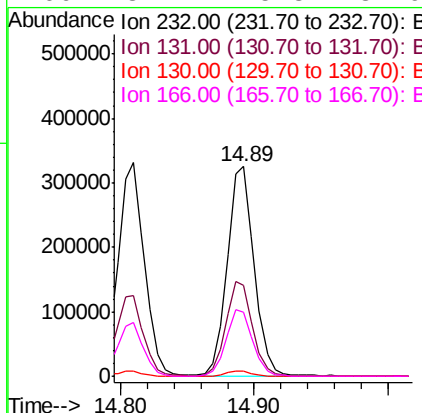
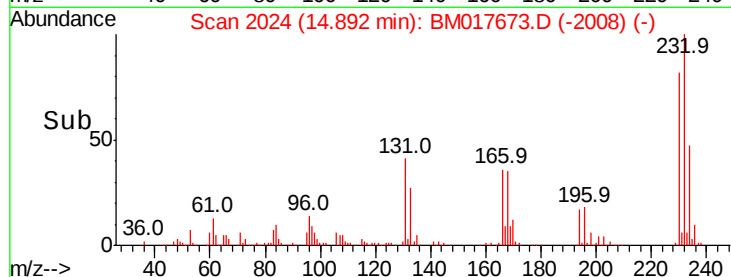
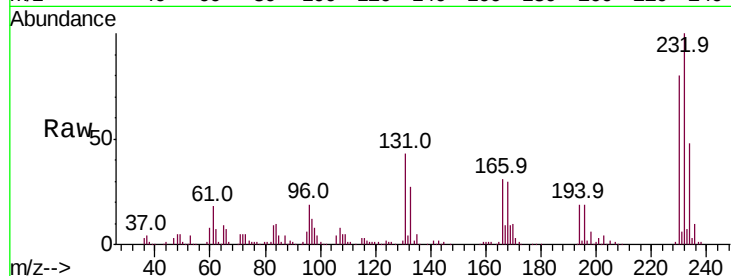
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.700 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	455936		
131	44.7		34.8	52.2
130	2.4		1.9	2.9
166	32.2		25.3	37.9

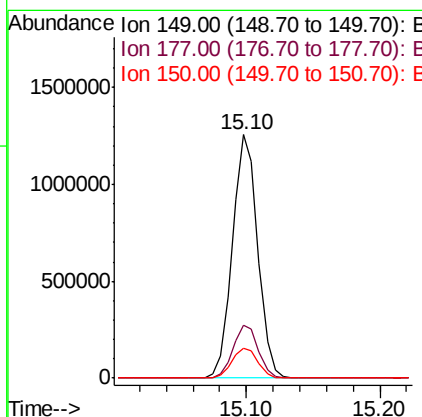
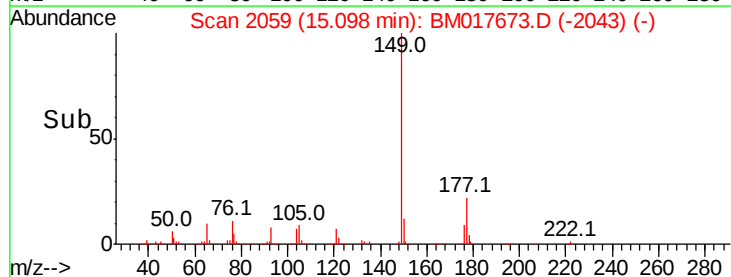
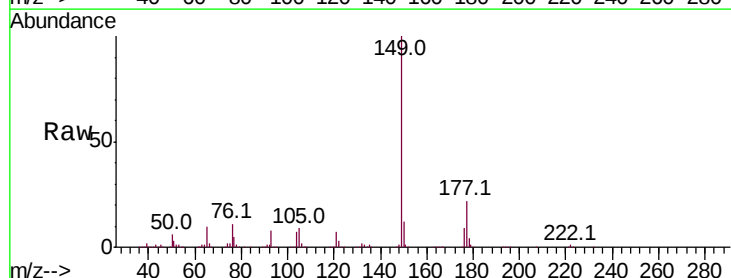
Manual Integrations
 APPROVED

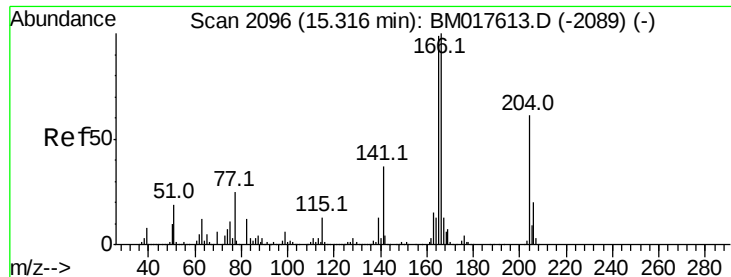
Sohil
 11/19/2018 3:07:47 PM



#60
 Diethylphthalate
 Concen: 33.386 ng
 RT: 15.10 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1653583		
177	21.8		18.1	27.1
150	12.3		9.9	14.9





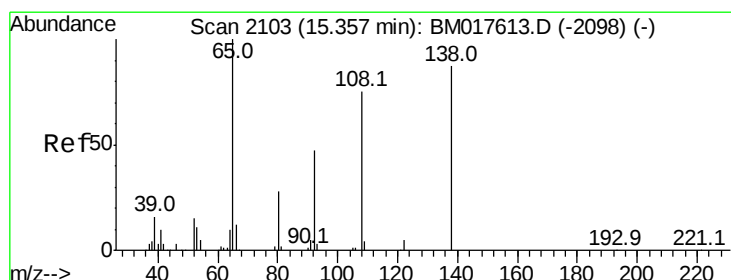
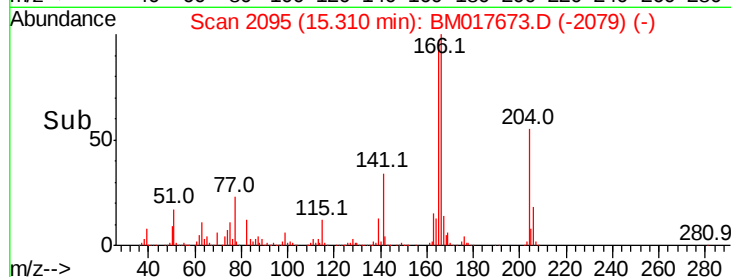
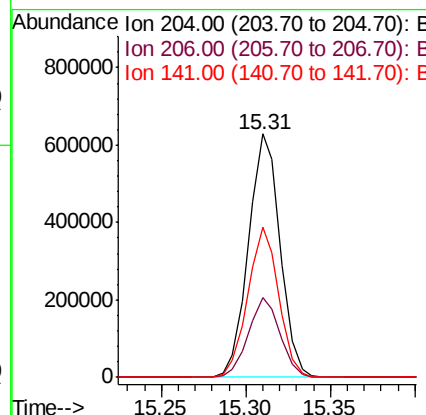
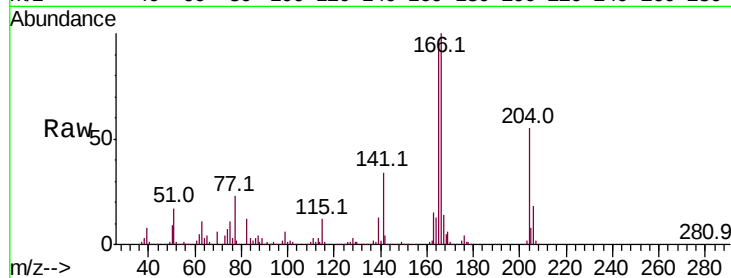
#61
4-Chlorophenyl-phenylether
Concen: 33.311 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.9	38.9
141	61.8	47.9	71.9

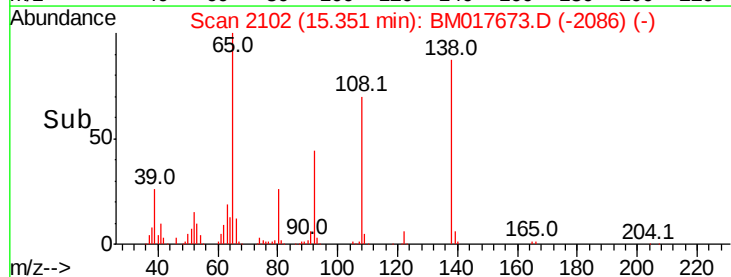
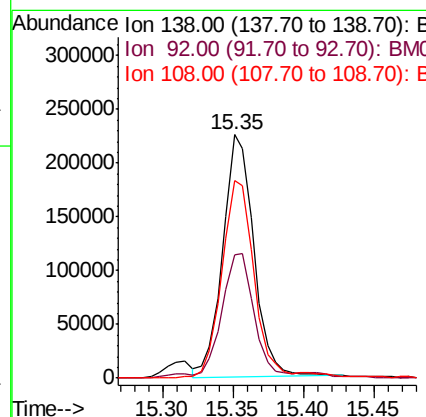
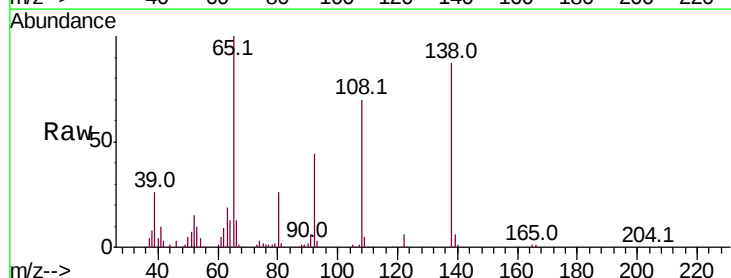
Manual Integrations
APPROVED

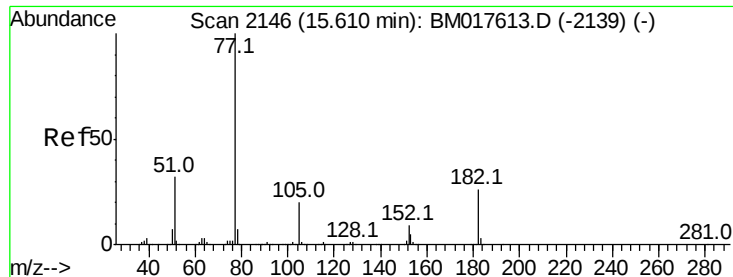
Sohil
11/19/2018 3:07:47 PM



#62
4-Nitroaniline
Concen: 32.856 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	33.4	73.4
108	81.2	64.3	104.3





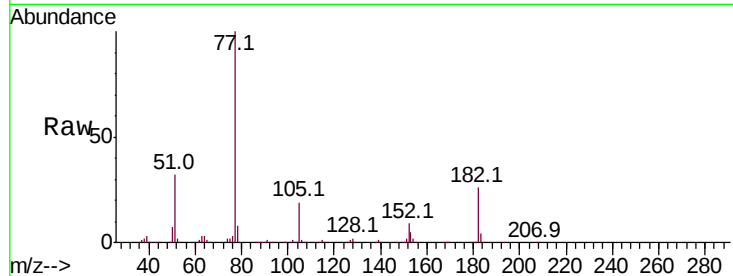
#63
Azobenzene
Concen: 34.812 ng
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	5.8	45.8
105	19.2	0.0	40.0
51	31.6	12.5	52.5

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



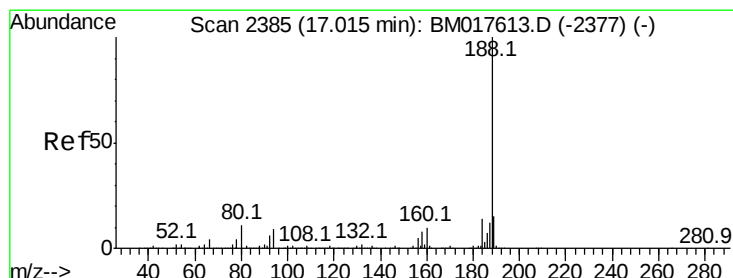
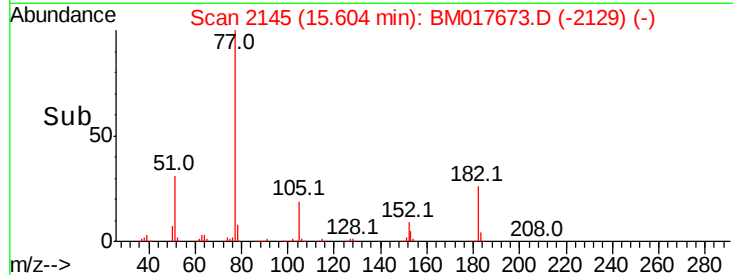
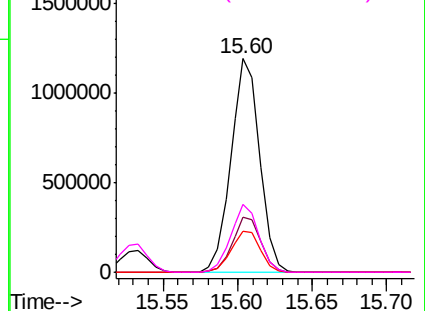
Abundance

Ion 77.00 (76.70 to 77.70): BM017673.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM017673.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM017673.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM017673.D (-2139) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

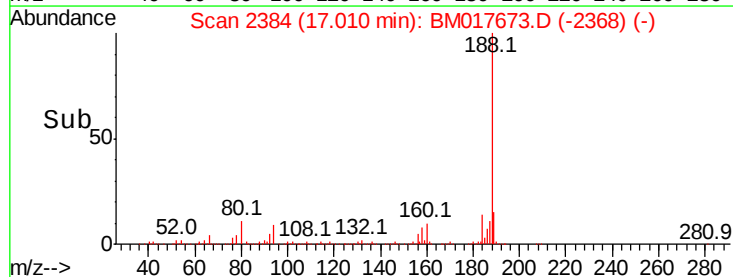
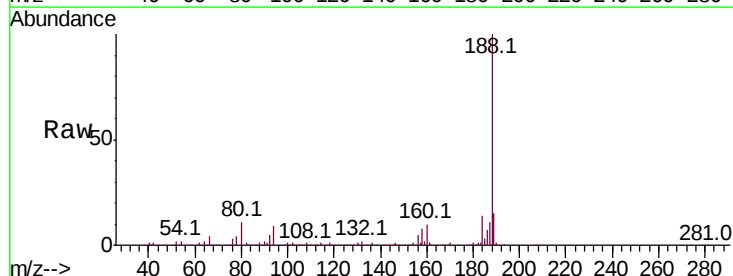
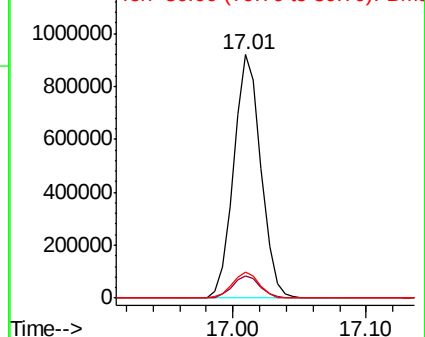
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	10.5	8.6	13.0

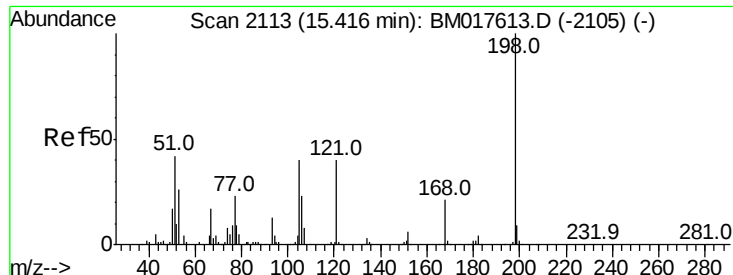
Abundance

Ion 188.00 (187.70 to 188.70): BM017673.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM017673.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM017673.D (-2368) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 31.208 ng

RT: 15.41 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

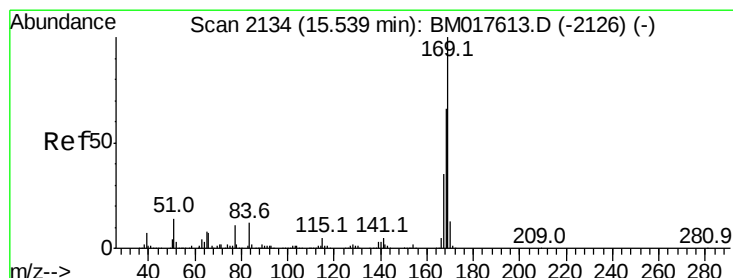
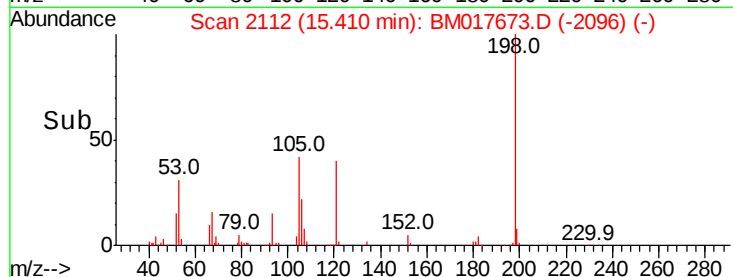
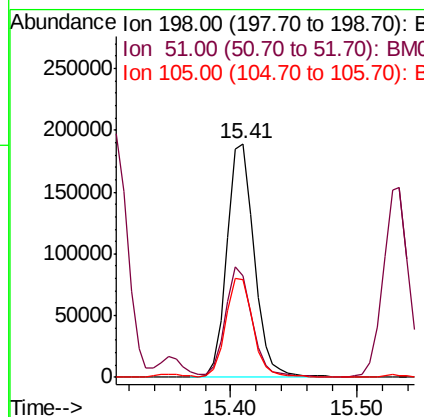
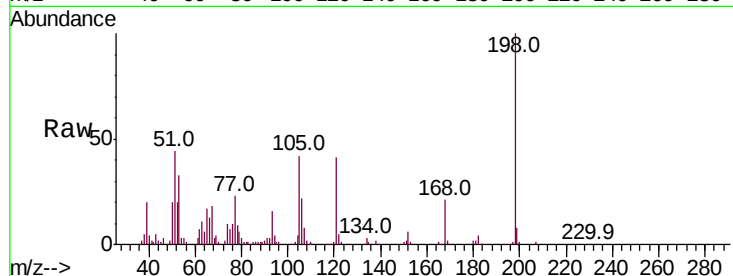
ClientSampleId :

PB114851BS

Tot Ion:	198	Resp:	281917
Ion Ratio	Lower	Upper	
198	100		
51	43.7	25.9	65.9
105	42.1	20.6	60.6

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



#66

n-Nitrosodiphenylamine

Concen: 33.925 ng

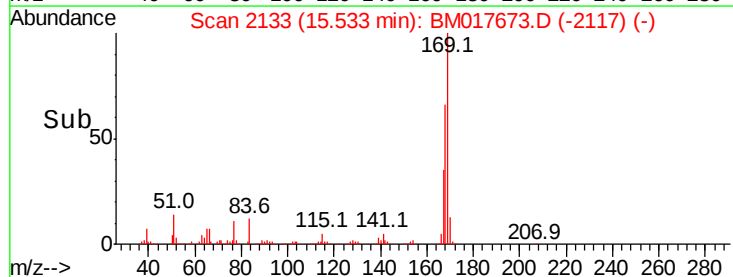
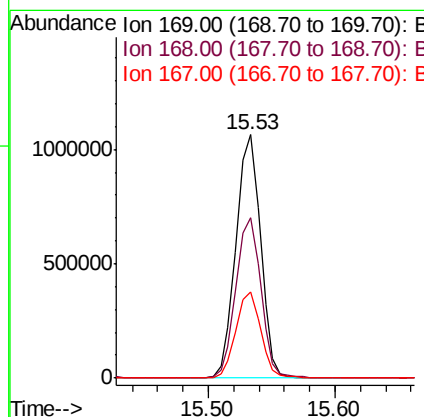
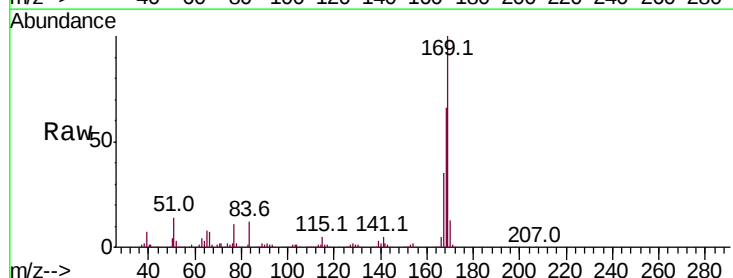
RT: 15.53 min Scan# 2133

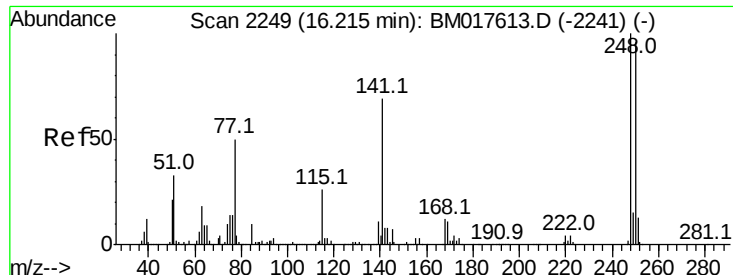
Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion:	169	Resp:	1422318
Ion Ratio	Lower	Upper	
169	100		
168	65.7	53.0	79.6
167	35.3	28.0	42.0





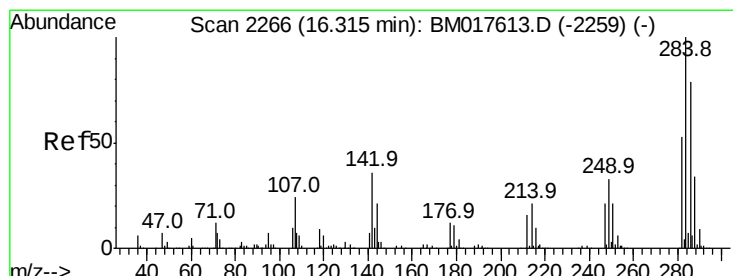
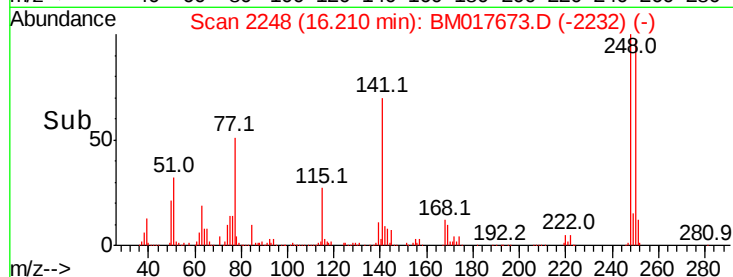
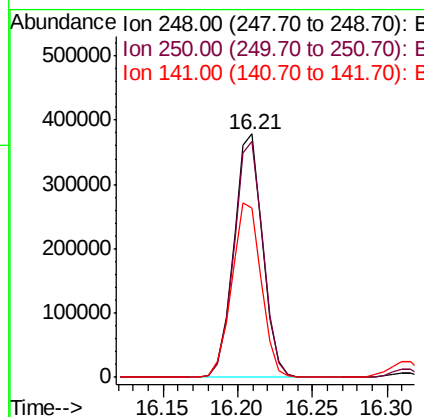
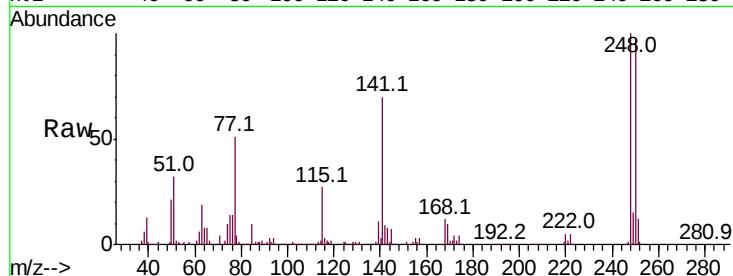
#67
4-Bromophenyl-phenylether
Concen: 33.092 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.5	114.7
141	69.7	54.9	82.3

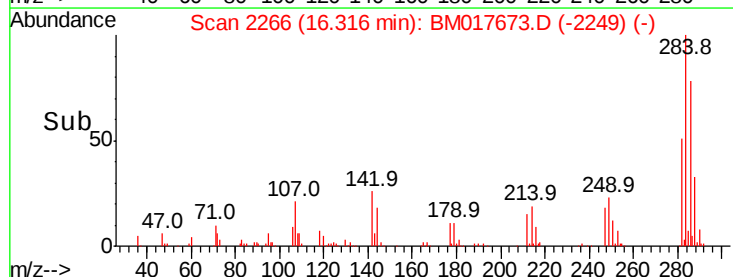
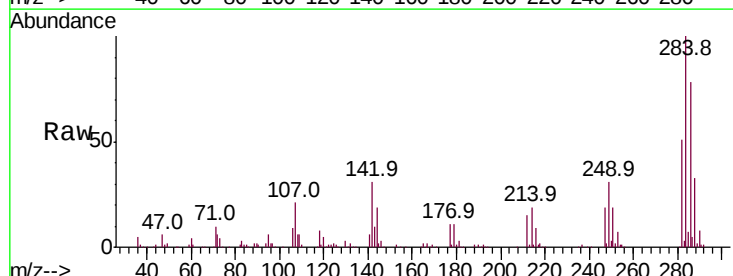
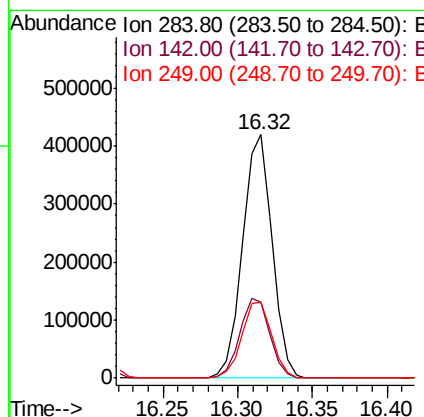
Manual Integrations
APPROVED

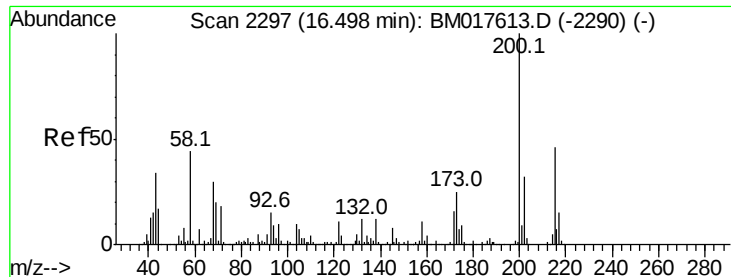
Sohil
11/19/2018 3:07:47 PM



#68
Hexachlorobenzene
Concen: 33.006 ng
RT: 16.32 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	28.4	42.6
249	31.3	26.4	39.6





#69

Atrazine

Concen: 33.800 ng

RT: 16.49 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

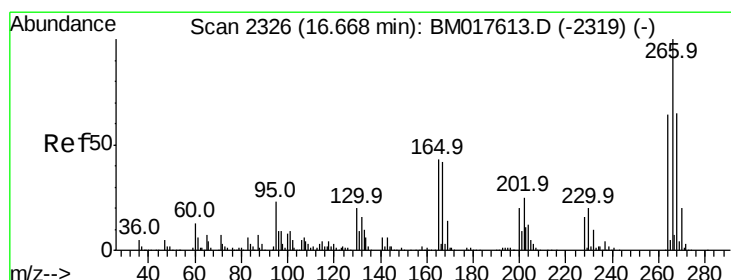
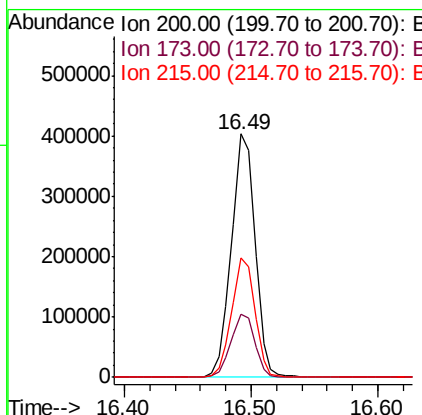
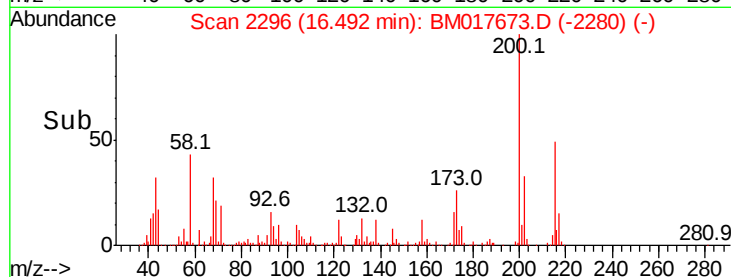
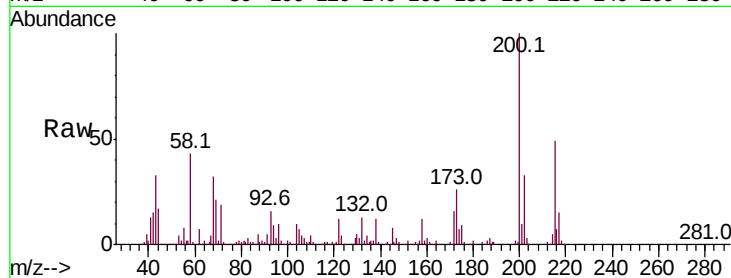
ClientSampled :

PB114851BS

Tot Ion:	200	Resp:	521203
Ion Ratio	Lower	Upper	
200	100		
173	26.0	5.1	45.1
215	48.9	25.8	65.8

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



#70

Pentachlorophenol

Concen: 58.297 ng

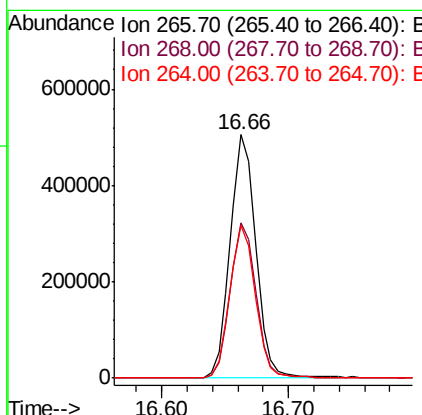
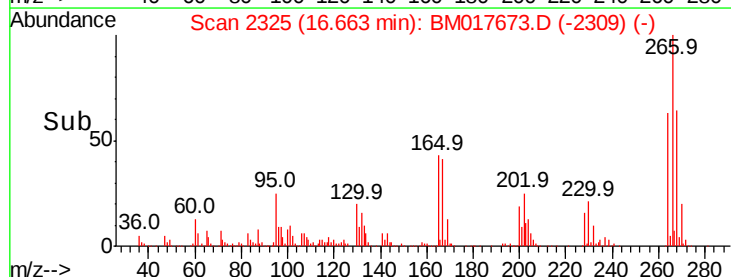
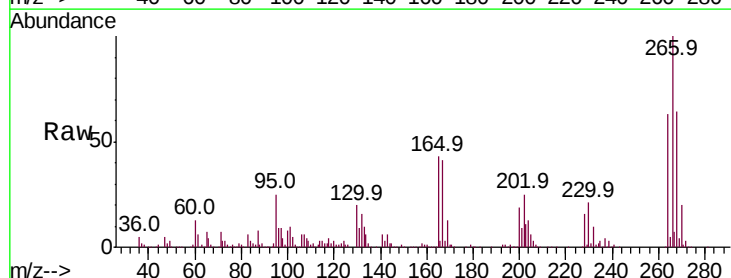
RT: 16.66 min Scan# 2325

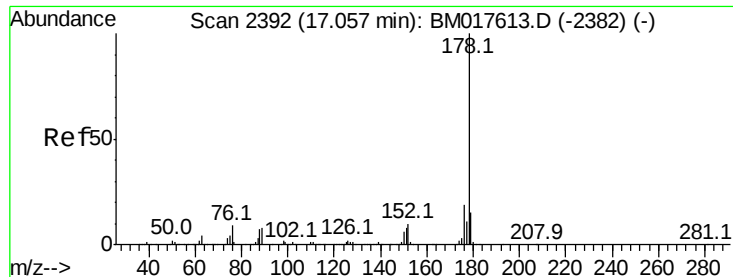
Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion:	266	Resp:	710165
Ion Ratio	Lower	Upper	
266	100		
268	63.7	51.7	77.5
264	62.8	51.3	76.9





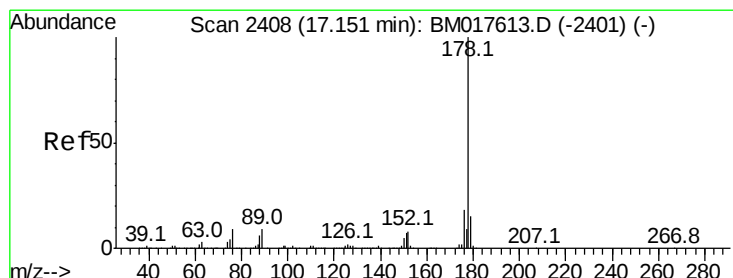
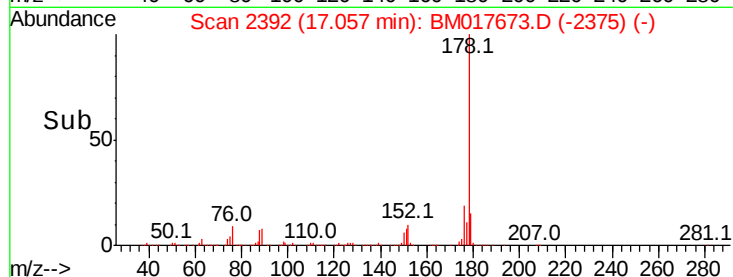
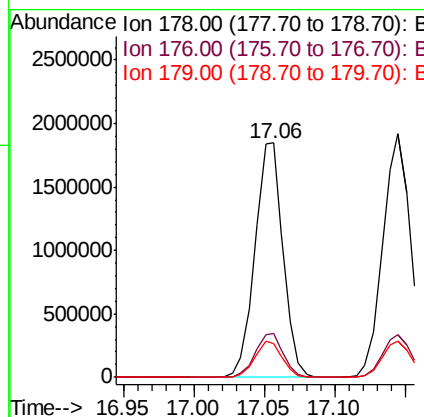
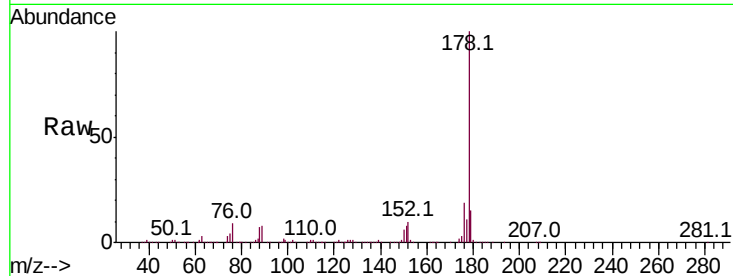
#71
Phenanthrene
Concen: 36.589 ng
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	14.5	12.4	18.6

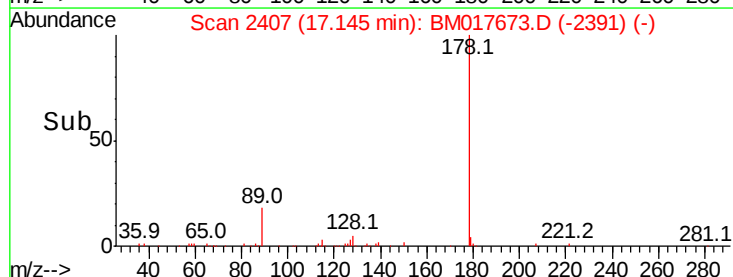
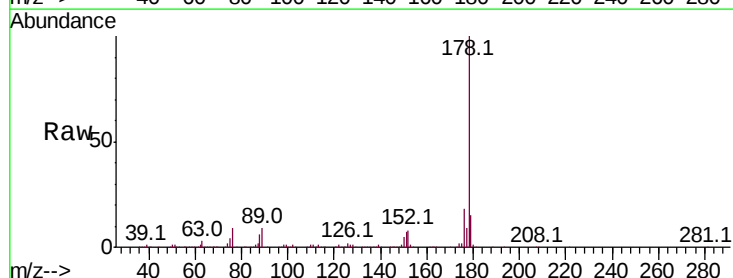
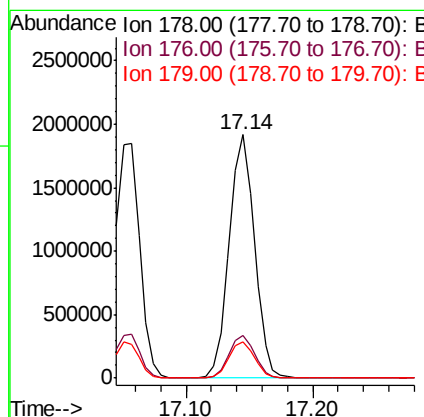
Manual Integrations
APPROVED

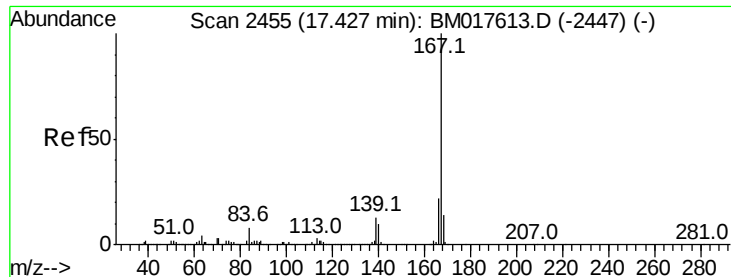
Sohil
11/19/2018 3:07:47 PM



#72
Anthracene
Concen: 38.337 ng
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.5	21.7
179	14.9	12.3	18.5





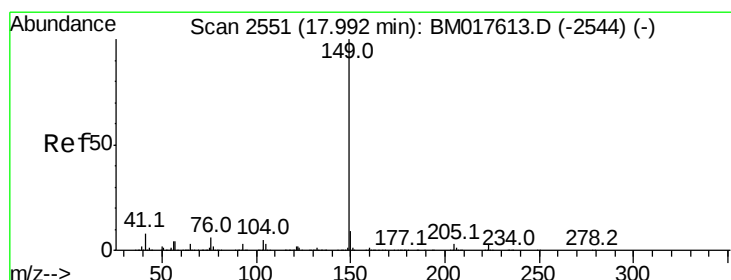
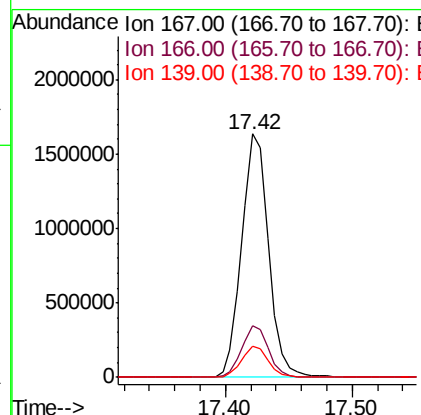
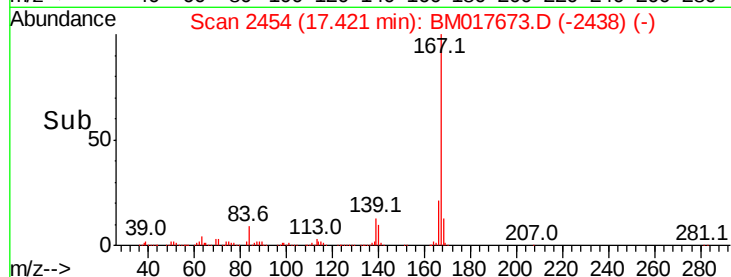
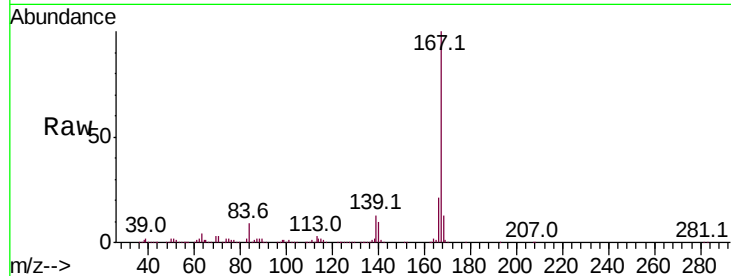
#73
 Carbazole
 Concen: 34.507 ng
 RT: 17.42 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.9	10.2	15.4

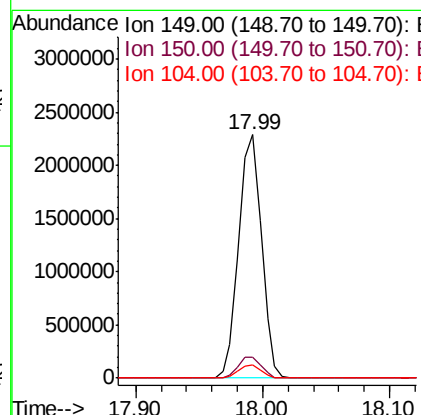
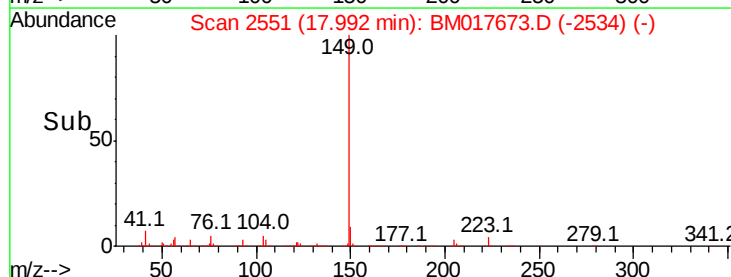
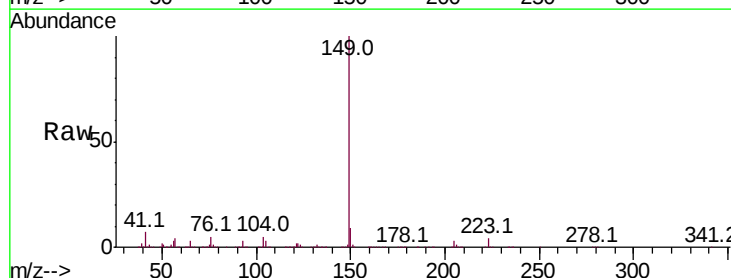
Manual Integrations
 APPROVED

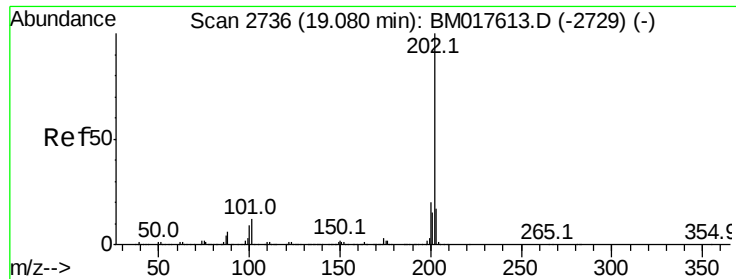
Sohil
 11/19/2018 3:07:47 PM



#74
 Di-n-butylphthalate
 Concen: 36.747 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.2
104	5.2	4.3	6.5





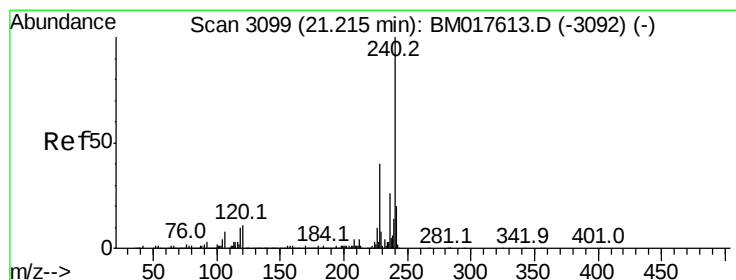
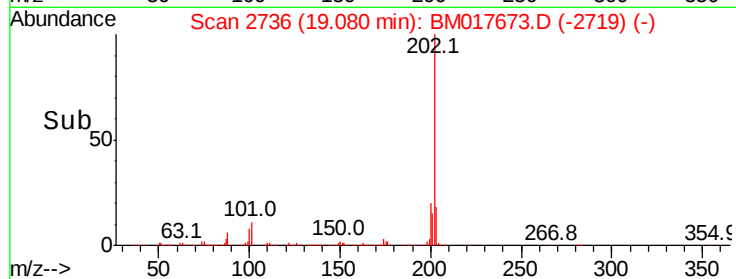
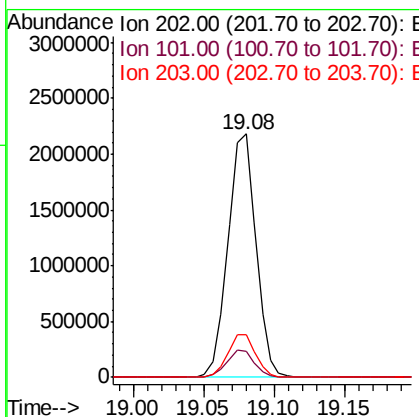
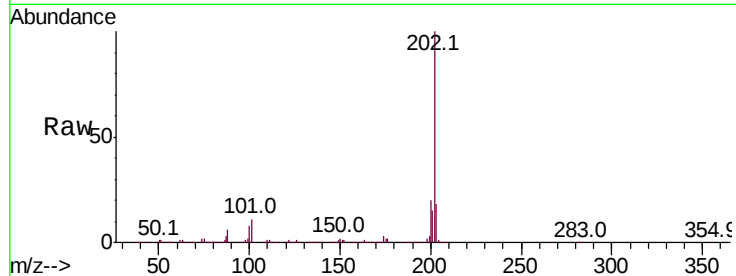
#75
Fluoranthene
Concen: 37.778 ng
RT: 19.08 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.5
203	17.6	0.0	37.2

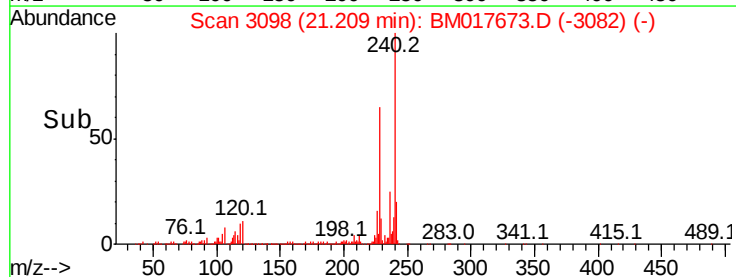
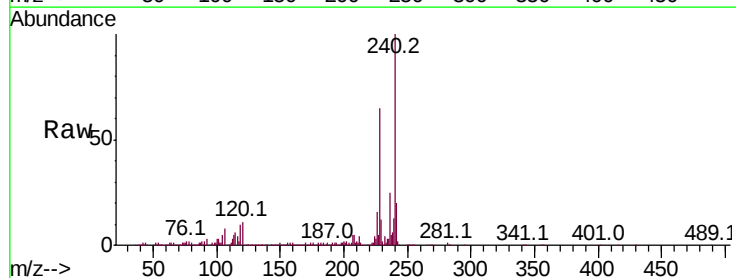
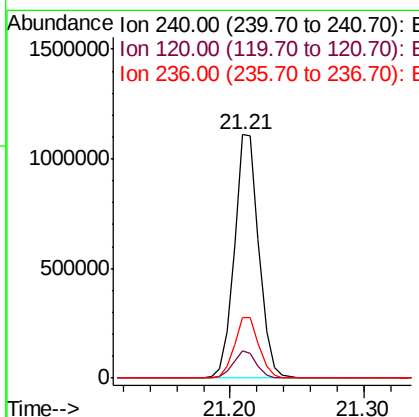
Manual Integrations
APPROVED

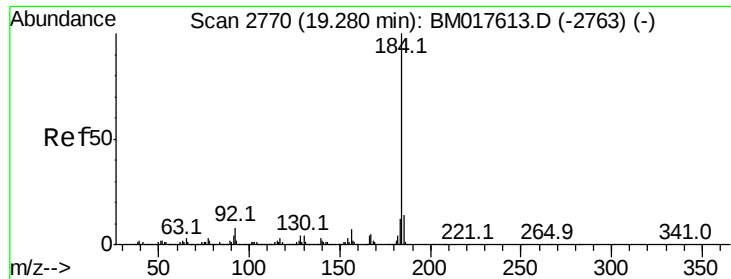
Sohil
11/19/2018 3:07:47 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.5	12.7
236	24.9	20.4	30.6





#77

Benzidine

Concen: 19.038 ng

RT: 19.28 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

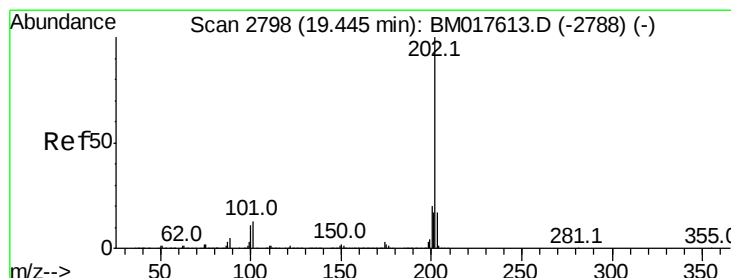
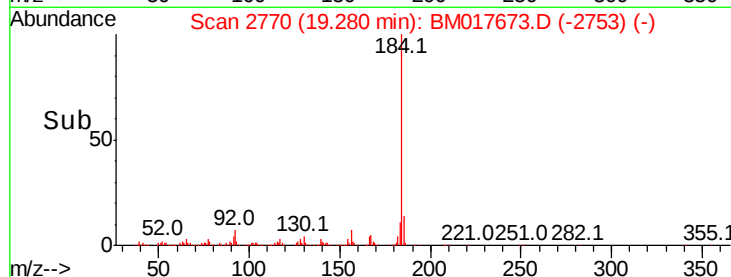
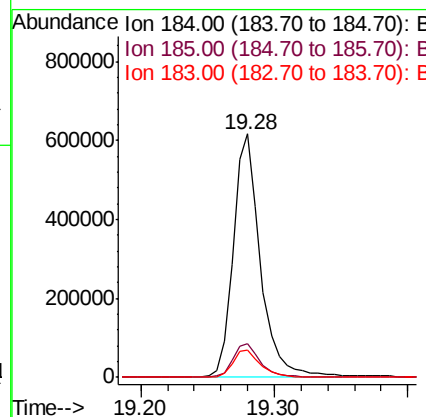
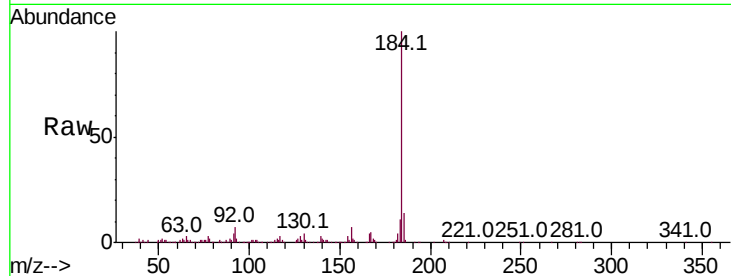
ClientSampleId :

PB114851BS

Tot Ion:	184	Resp:	874711
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.2	16.8
183	11.4	9.5	14.3

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



#78

Pyrene

Concen: 36.056 ng

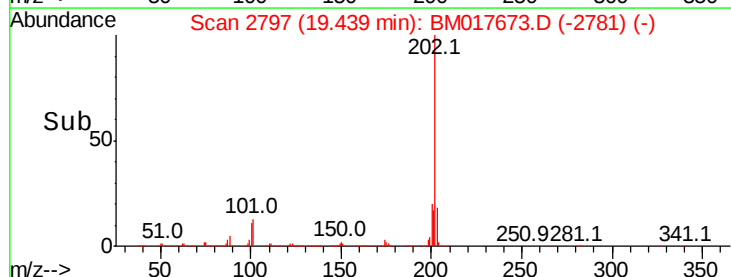
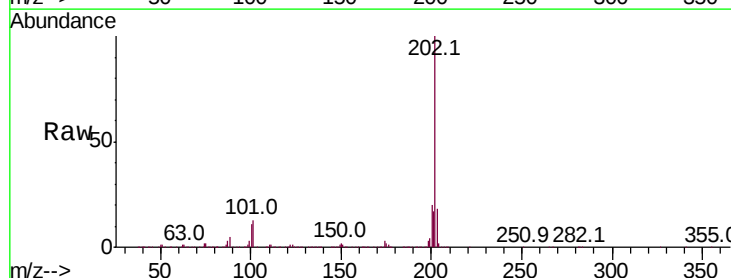
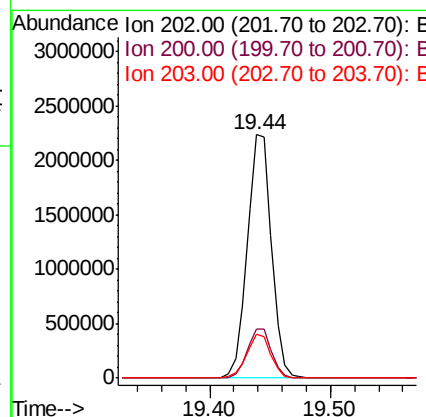
RT: 19.44 min Scan# 2797

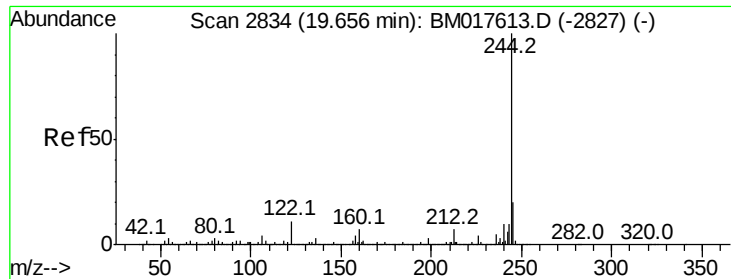
Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion:	202	Resp:	3138930
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.4	24.6
203	17.9	13.8	20.8





#79
 Terphenyl-d14
 Concen: 74.662 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

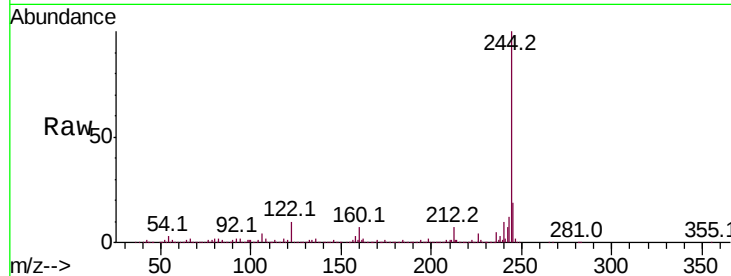
Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS

Tot Ion:244 Resp: 4648080

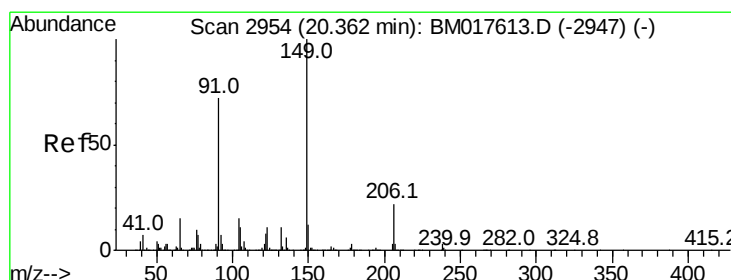
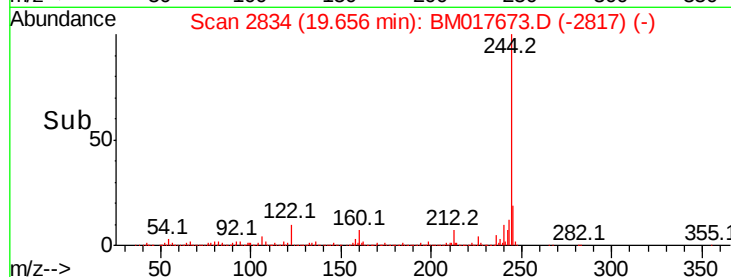
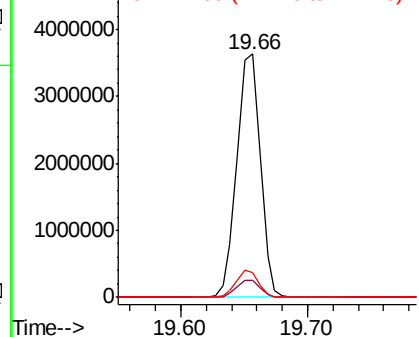
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	10.1	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 11/19/2018 3:07:47 PM



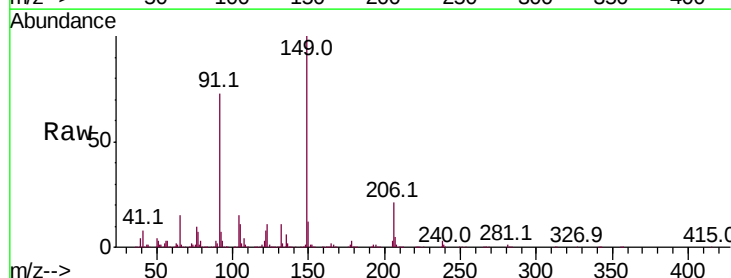
Abundance Ion 244.00 (243.70 to 244.70): E
 5000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



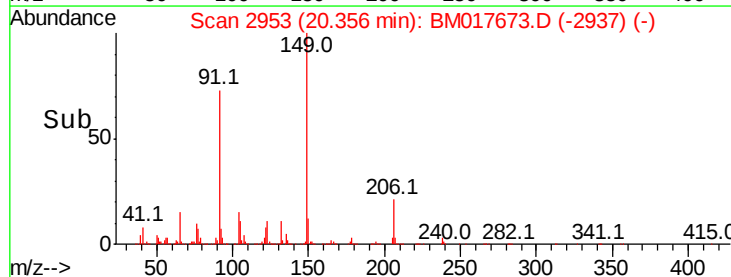
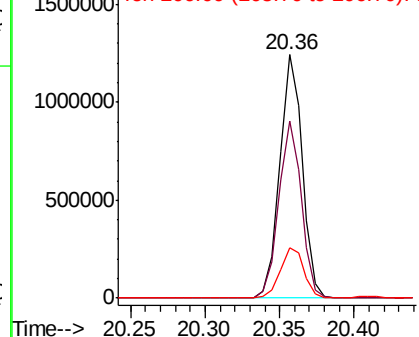
#80
 Butylbenzylphthalate
 Concen: 37.111 ng
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

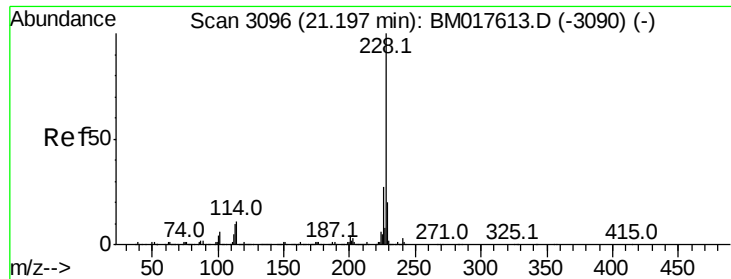
Tgt Ion:149 Resp: 1312216

Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.6	86.4
206	20.9	17.4	26.0



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.126 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tot Ion:228 Resp: 3017855

Ion Ratio Lower Upper

228 100

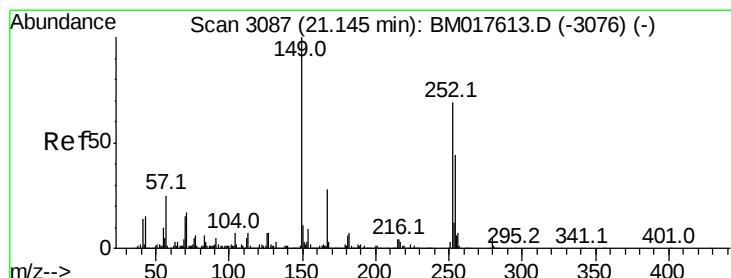
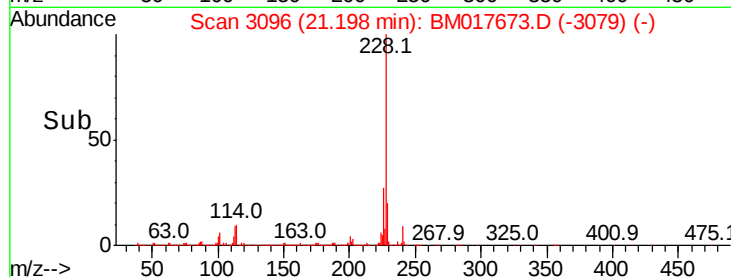
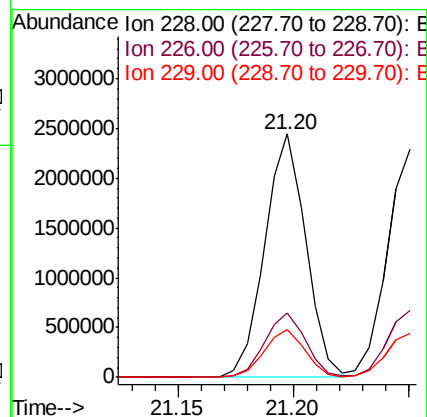
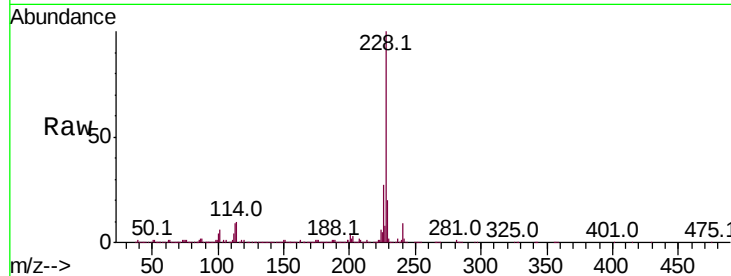
226 26.6 21.3 31.9

229 19.6 16.0 24.0

Manual Integrations
APPROVED

Sohil

11/19/2018 3:07:47 PM



#82

3,3'-Dichlorobenzidine

Concen: 17.759 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

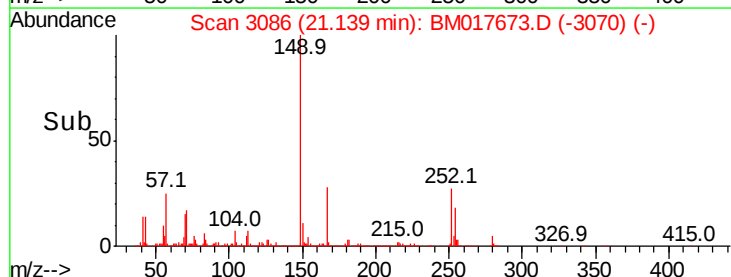
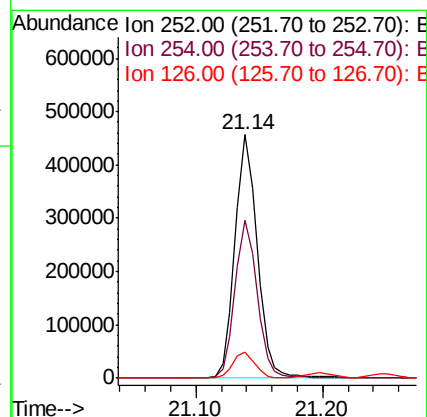
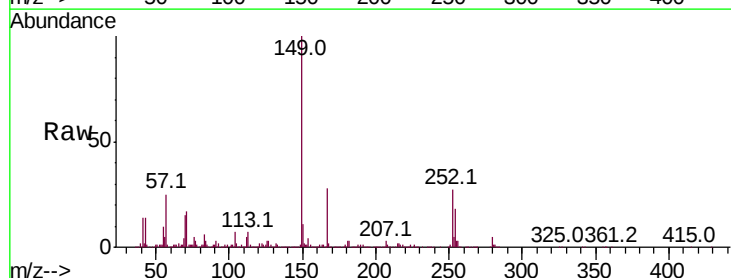
Tgt Ion:252 Resp: 557137

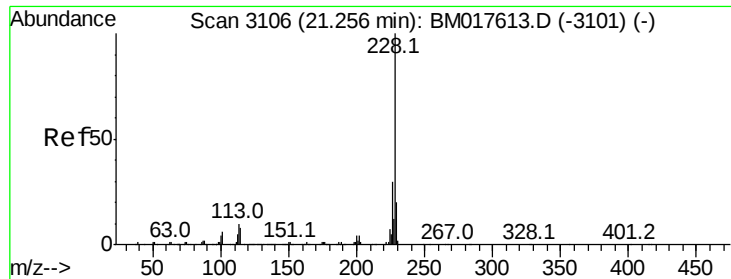
Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.2

126 10.5 8.0 12.0





#83

Chrysene

Concen: 36.221 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tot Ion:228 Resp: 2859709

Ion Ratio Lower Upper

228 100

226 29.3 23.6 35.4

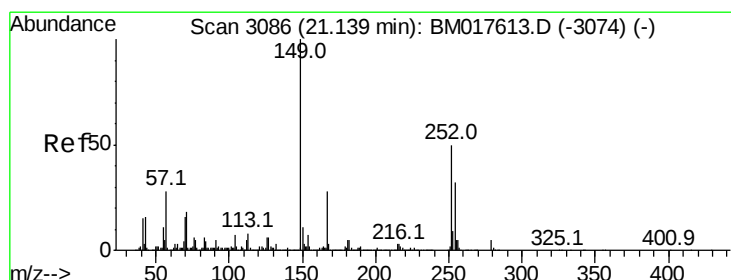
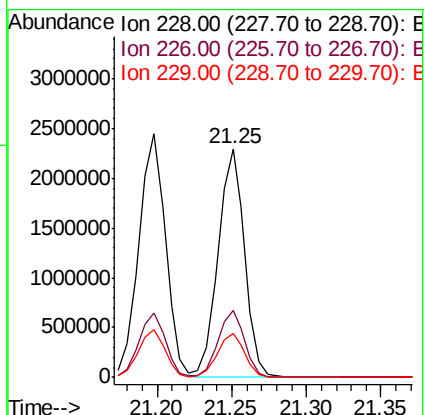
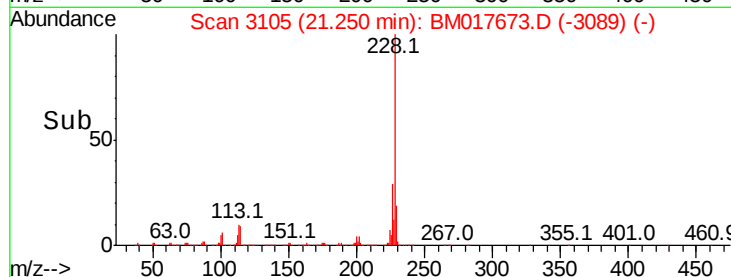
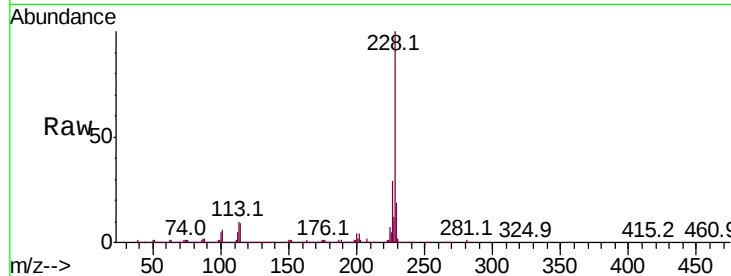
229 19.0 15.8 23.6

Manual Integrations

APPROVED

Sohil

11/19/2018 3:07:47 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.412 ng

RT: 21.14 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

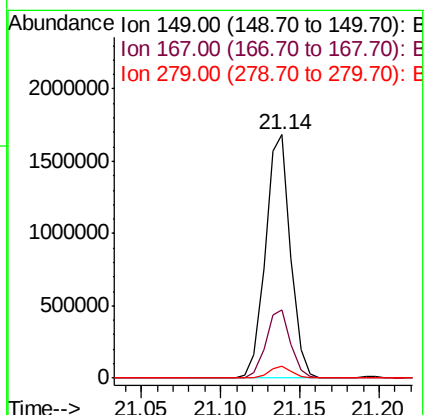
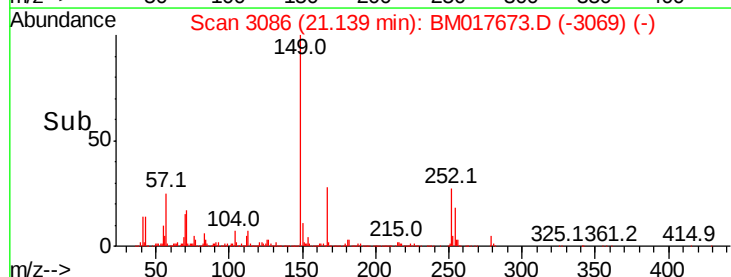
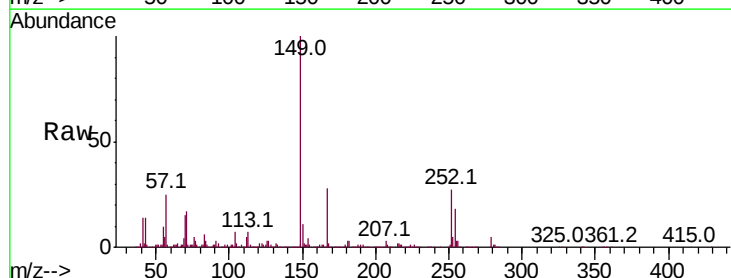
Tgt Ion:149 Resp: 1851078

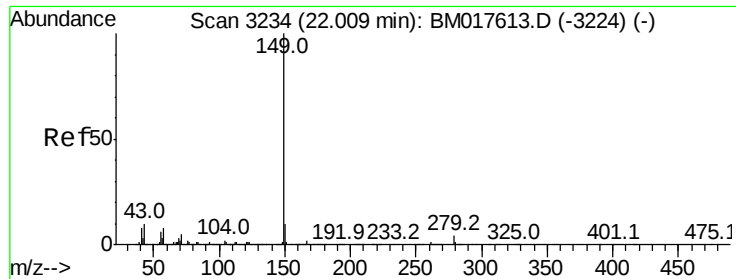
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 5.0 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 37.776 ng

RT: 22.00 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

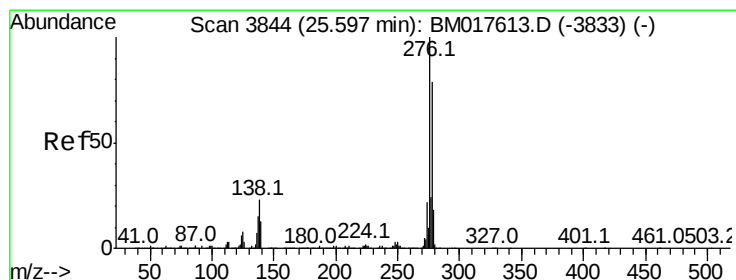
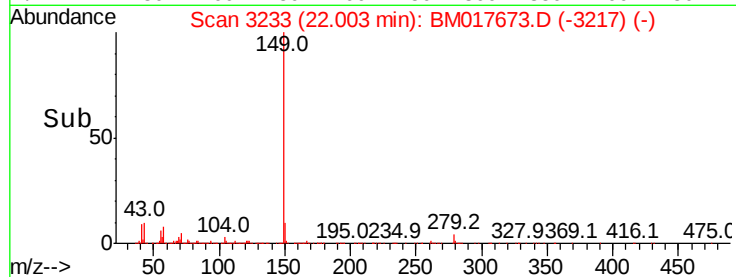
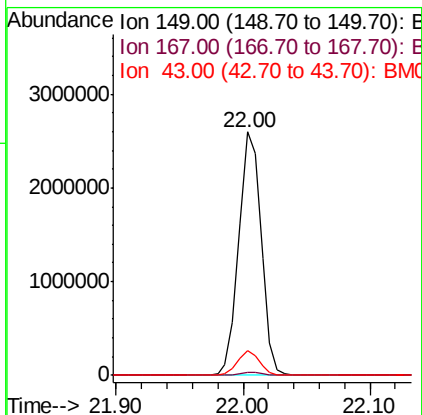
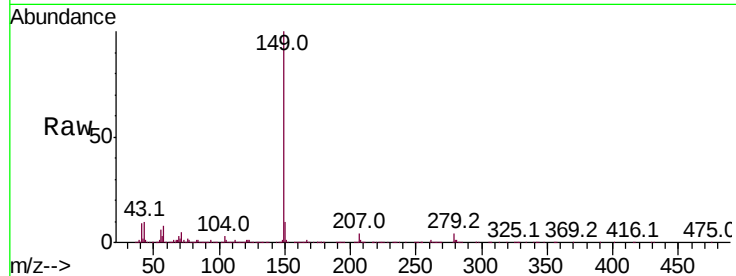
ClientSampleId :

PB114851BS

Tot Ion:	149	Resp:	3161939
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	8.3	12.5

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.886 ng

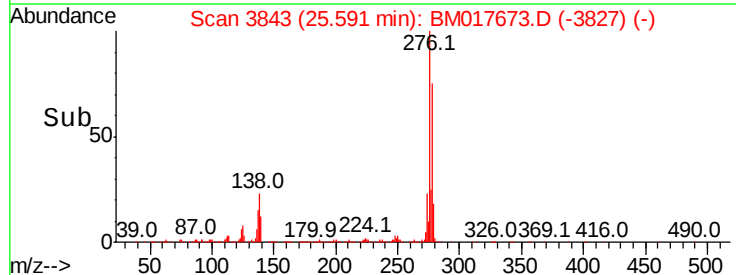
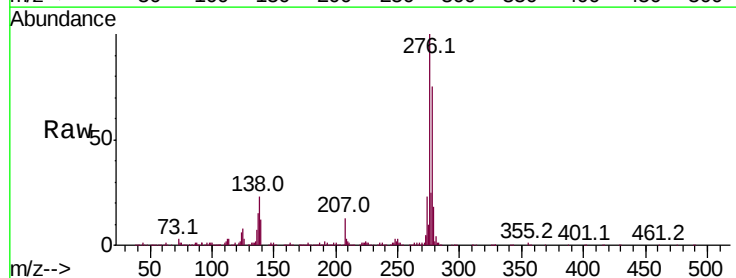
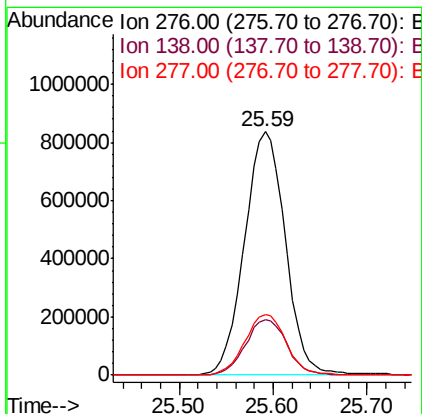
RT: 25.59 min Scan# 3843

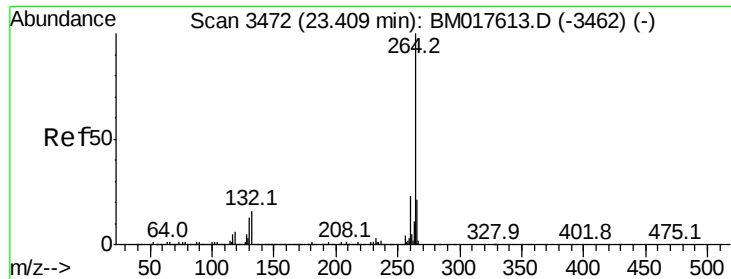
Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion:	276	Resp:	2516417
Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.1	28.7
277	25.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tot Ion:264 Resp: 1212943

Ion Ratio Lower Upper

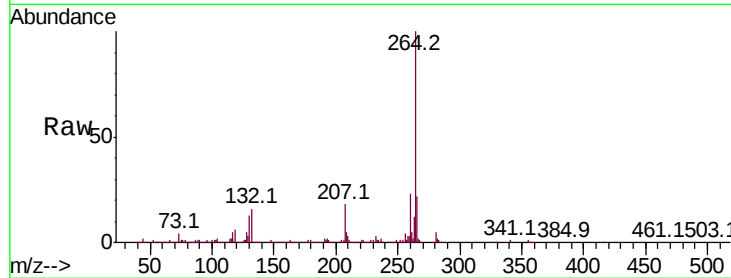
264 100

260 23.4 18.2 27.2

265 22.1 17.5 26.3

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM

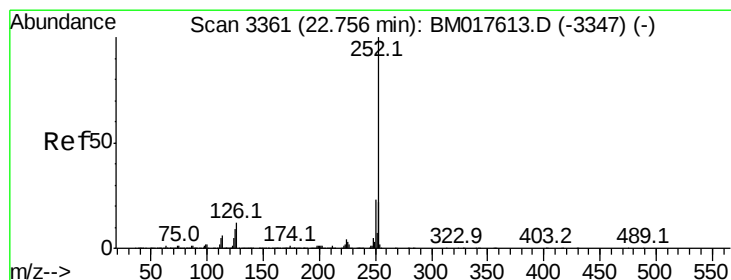
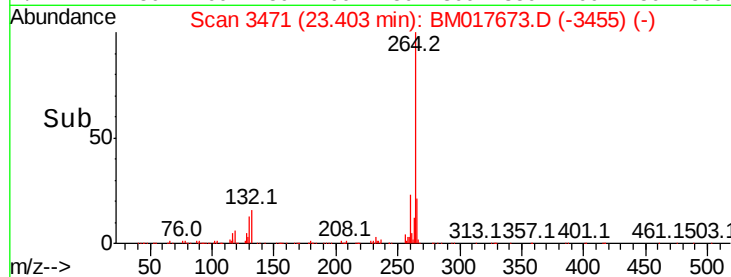
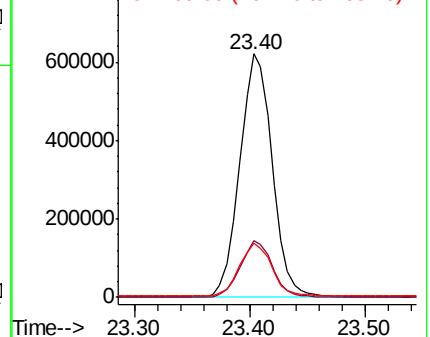


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.525 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

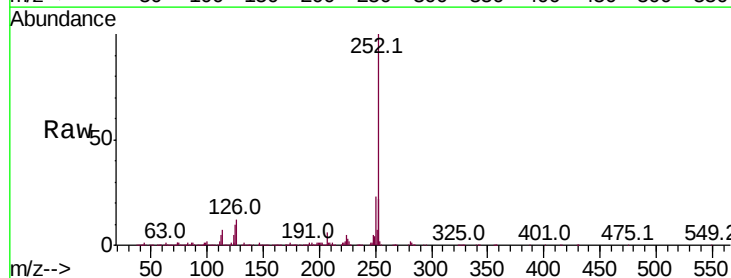
Tgt Ion:252 Resp: 2807610

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.7 7.6 11.4

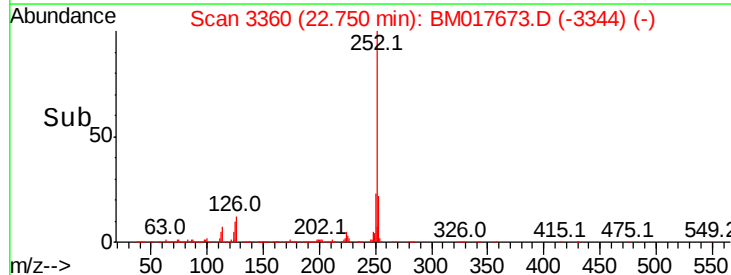
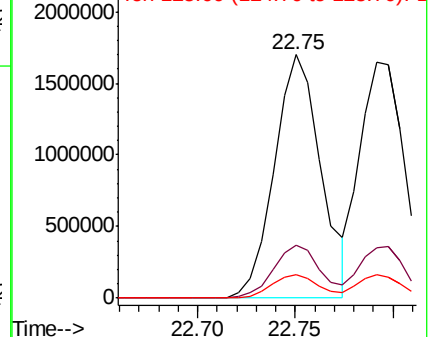


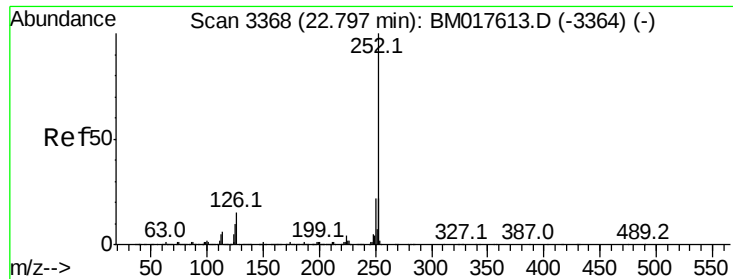
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





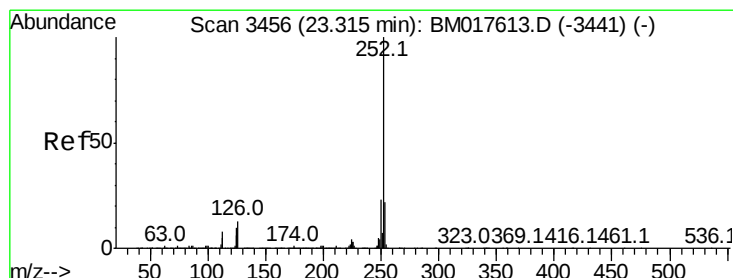
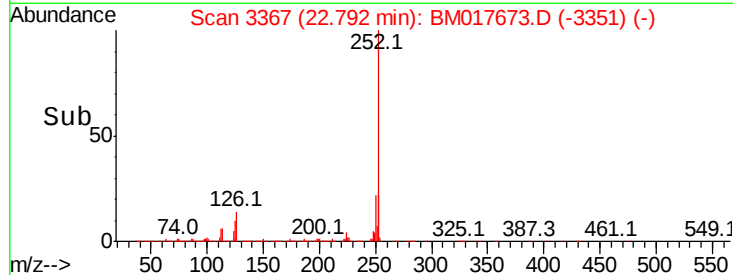
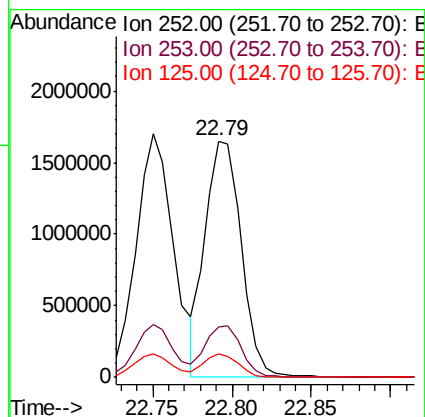
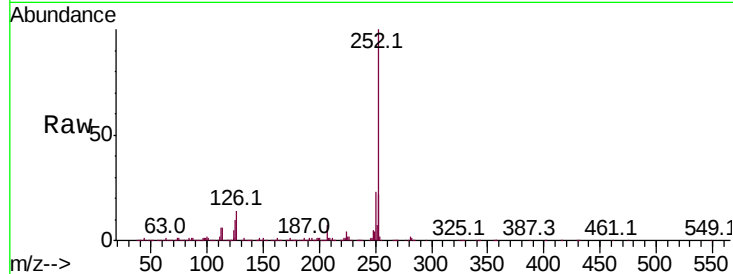
#89
Benzo(k)fluoranthene
Concen: 36.383 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.9	7.9	11.9

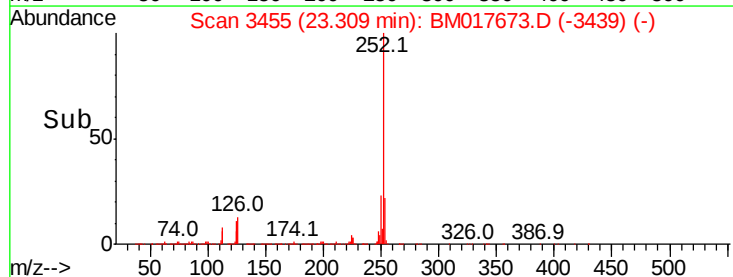
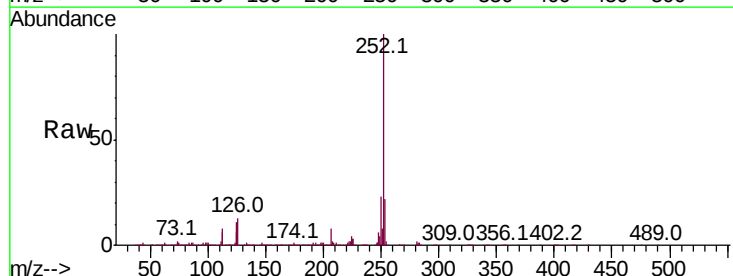
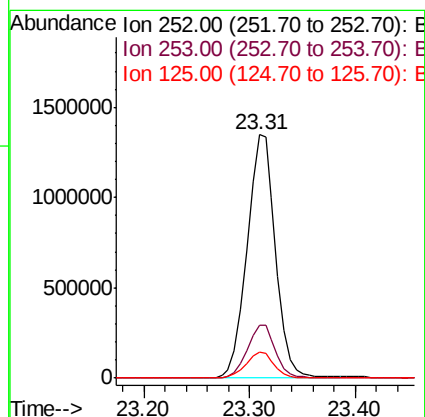
Manual Integrations
APPROVED

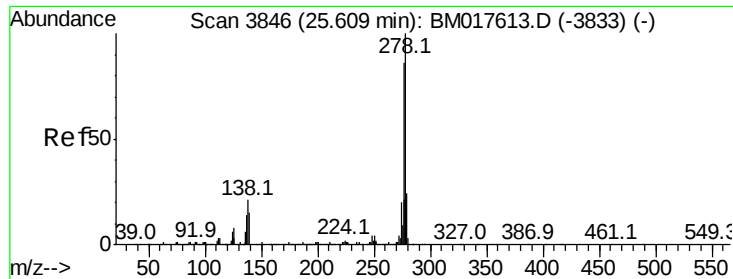
Sohil
11/19/2018 3:07:47 PM



#90
Benzo(a)pyrene
Concen: 38.739 ng
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.7	8.2	12.2





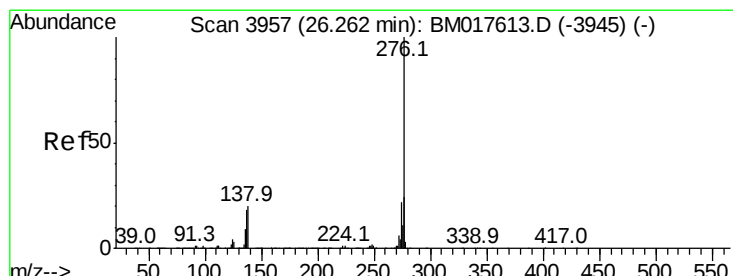
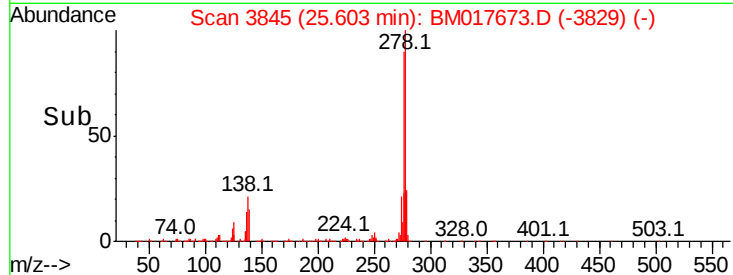
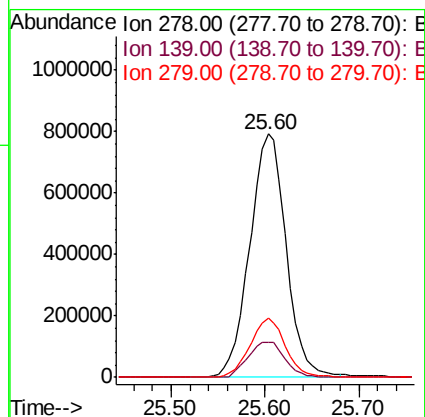
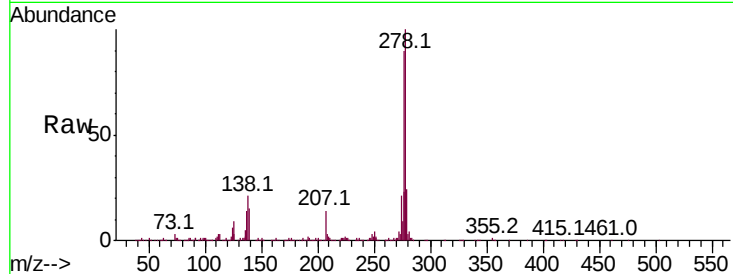
#91
Dibenzo(a,h)anthracene
Concen: 38.981 ng
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.8	17.6
279	24.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:47 PM



#92
Benzo(g,h,i)perylene
Concen: 39.906 ng
RT: 26.26 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	19.6	15.9	23.9

