

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112118\
 Data File : BM017733.D
 Acq On : 21 Nov 2018 16:21
 Operator : MJ/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 11/23/2018 11:51:15 AM

Quant Time: Nov 23 03:10:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM112118.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	7.60	152	238003	20.00	ng	-0.02
21) Naphthalene-d8	10.37	136	1102717	20.00	ng	-0.02
39) Acenaphthene-d10	14.24	164	702560	20.00	ng	-0.02
64) Phenanthrene-d10	17.00	188	1632417	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	1873904	20.00	ng	-0.01
87) Perylene-d12	23.39	264	1694209	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1129567	80.10	ng	-0.02
7) Phenol-d6	6.79	99	1652134	83.88	ng	-0.02
23) Nitrobenzene-d5	8.75	82	1822469	85.32	ng	-0.02
42) 2,4,6-Tribromophenol	15.74	330	896577	88.82	ng	-0.02
45) 2-Fluorobiphenyl	12.86	172	4480129	82.73	ng	-0.02
79) Terphenyl-d14	19.64	244	6546763	79.18	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	205766	35.033	ng	90
3) Pyridine	3.60	79	636075	36.920	ng	87
4) n-Nitrosodimethylamine	3.52	42	278739	36.728	ng	96
6) Aniline	6.95	93	1027749	42.077	ng	100
8) 2-Chlorophenol	7.17	128	713175	42.255	ng	95
9) Benzaldehyde	6.76	77	517952	36.099	ng	98
10) Phenol	6.82	94	874459	42.298	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	698404	42.793	ng	97
12) 1,3-Dichlorobenzene	7.49	146	785970	41.507	ng	98
13) 1,4-Dichlorobenzene	7.63	146	803892	41.418	ng	99
14) 1,2-Dichlorobenzene	7.94	146	789885	41.971	ng	99
15) Benzyl Alcohol	7.85	79	711263	45.345	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	818991	32.959	ng	90
17) 2-Methylphenol	8.05	107	605312	43.463	ng	99
18) Hexachloroethane	8.65	117	297892	43.547	ng	99
19) n-Nitroso-di-n-propylamine	8.41	70	652510	46.138	ng	95
20) 3+4-Methylphenols	8.37	107	852145	44.038	ng	99
22) Acetophenone	8.42	105	1181408	42.926	ng	95
24) Nitrobenzene	8.80	77	907198	41.861	ng	99
25) Isophorone	9.32	82	1475302	44.718	ng	100
26) 2-Nitrophenol	9.50	139	438126	43.890	ng	98
27) 2,4-Dimethylphenol	9.56	122	613845	42.668	ng	97
28) bis(2-Chloroethoxy)methane	9.80	93	978061	43.772	ng	99
29) 2,4-Dichlorophenol	10.02	162	724554	43.386	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	805066	41.448	ng	98
31) Naphthalene	10.42	128	2258981	41.665	ng	100
32) Benzoic acid	9.76	122	576898m	44.268	ng	
33) 4-Chloroaniline	10.54	127	1029680	43.366	ng	99
34) Hexachlorobutadiene	10.69	225	526858	43.693	ng	100
35) Caprolactam	11.36	113	276788m	45.006	ng	
36) 4-Chloro-3-methylphenol	11.67	107	856942	44.444	ng	98
37) 2-Methylnaphthalene	12.03	142	1677055	43.766	ng	99
38) 1-Methylnaphthalene	12.26	142	1639194	43.628	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	1008293	40.699	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112118\
 Data File : BM017733.D
 Acq On : 21 Nov 2018 16:21
 Operator : MJ/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

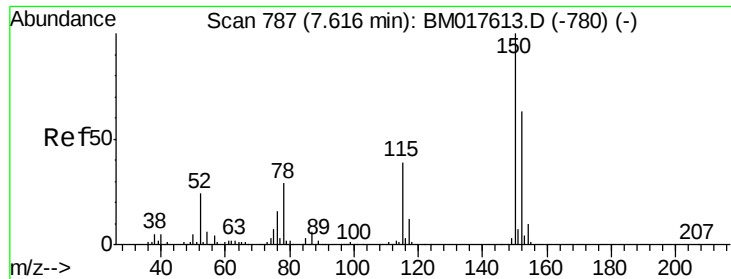
Manual Integrations
 APPROVED

mohammad
 11/23/2018 11:51:15 AM

Quant Time: Nov 23 03:10:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM112118.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	12.38	237	546297	42.674	nq	97
43) 2,4,6-Trichlorophenol	12.66	196	660556	42.568	nq	99
44) 2,4,5-Trichlorophenol	12.73	196	687257	41.945	nq	97
46) 1,1'-Biphenyl	13.07	154	2597172	41.184	nq	100
47) 2-Chloronaphthalene	13.11	162	1930979	41.253	nq	100
48) 2-Nitroaniline	13.33	65	607898	41.995	nq	97
49) Acenaphthylene	13.96	152	2935580	41.742	nq	100
50) Dimethylphthalate	13.72	163	2403642	42.080	nq	99
51) 2,6-Dinitrotoluene	13.84	165	550800	43.304	nq	98
52) Acenaphthene	14.31	154	1779940	41.241	nq	99
53) 3-Nitroaniline	14.17	138	579663	41.859	nq	98
54) 2,4-Dinitrophenol	14.38	184	404943	54.627	nq	98
55) Dibenzofuran	14.64	168	2931901	41.569	nq	99
56) 4-Nitrophenol	14.49	139	457755	41.845	nq	98
57) 2,4-Dinitrotoluene	14.63	165	769875	44.902	nq	99
58) Fluorene	15.30	166	2296268	42.527	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	647328	42.954	nq	98
60) Diethylphthalate	15.09	149	2631995	42.645	nq	99
61) 4-Chlorophenyl-phenylether	15.30	204	1304091	42.509	nq	98
62) 4-Nitroaniline	15.34	138	577720	44.266	nq	98
63) Azobenzene	15.59	77	2508095	43.960	nq	97
65) 4,6-Dinitro-2-methylphenol	15.40	198	497512	43.994	nq	95
66) n-Nitrosodiphenylamine	15.52	169	2192451	41.774	nq	99
67) 4-Bromophenyl-phenylether	16.19	248	816046	42.268	nq	96
68) Hexachlorobenzene	16.30	284	895549	41.147	nq	99
69) Atrazine	16.49	200	809930	41.957	nq	98
70) Pentachlorophenol	16.65	266	650288	42.642	nq	98
71) Phenanthrene	17.04	178	3698723	41.756	nq	100
72) Anthracene	17.13	178	3685879	42.762	nq	100
73) Carbazole	17.41	167	3773540	43.325	nq	100
74) Di-n-butylphthalate	17.98	149	4564479	47.077	nq	99
75) Fluoranthene	19.06	202	4252000	42.425	nq	99
77) Benzidine	19.27	184	2352169	38.546	nq	99
78) Pyrene	19.43	202	4477175	38.722	nq	100
80) Butylbenzylphthalate	20.34	149	2127001	45.293	nq	97
81) Benzo(a)anthracene	21.19	228	4482119	41.517	nq	99
82) 3,3'-Dichlorobenzidine	21.13	252	1818775	43.651	nq	99
83) Chrysene	21.24	228	4284071	40.857	nq	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	3176785	45.759	nq	99
85) Di-n-octyl phthalate	21.99	149	5081337	45.710	nq	97
86) Indeno(1,2,3-cd)pyrene	25.57	276	3786569	45.190	nq	100
88) Benzo(b)fluoranthene	22.74	252	4052404	40.843	nq	100
89) Benzo(k)fluoranthene	22.78	252	4149940	41.382	nq	99
90) Benzo(a)pyrene	23.30	252	3783454	41.821	nq	99
91) Dibenzo(a,h)anthracene	25.58	278	3283900	43.177	nq	99
92) Benzo(g,h,i)perylene	26.23	276	3027518	42.331	nq	99

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



#1

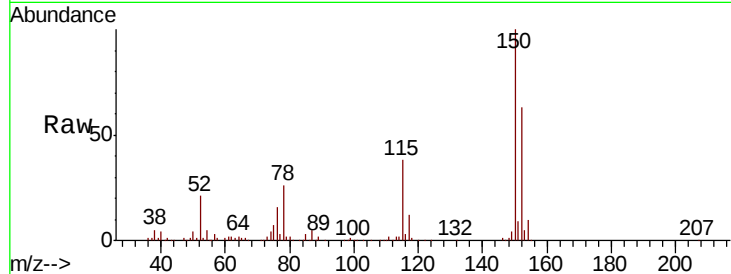
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.4	189.6
115	59.6	49.4	74.0

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM

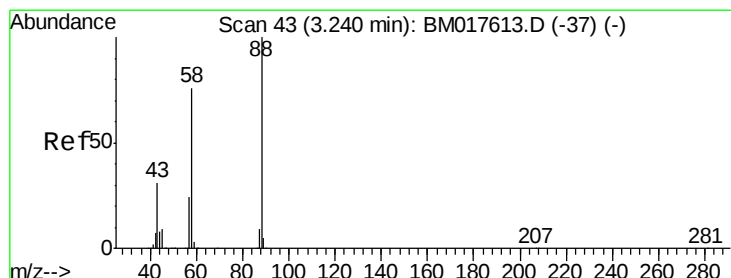
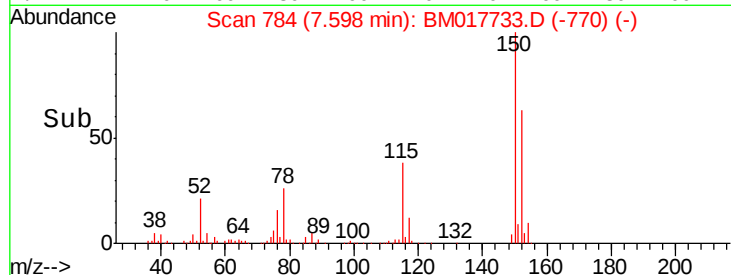
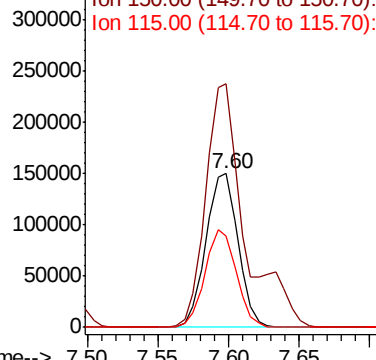


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

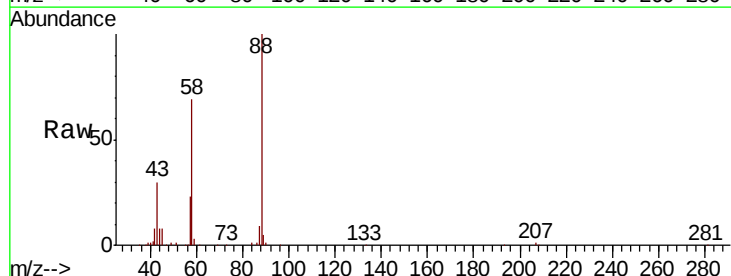
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.033 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	62.0	93.0
43	28.9	26.8	40.2

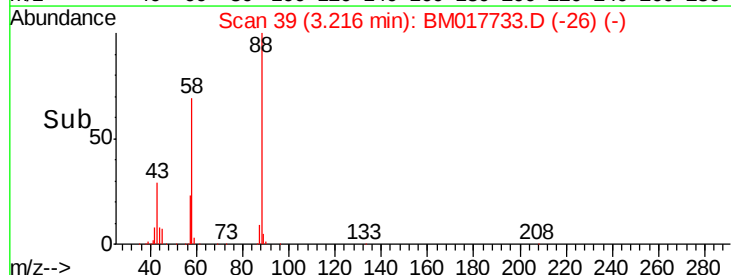
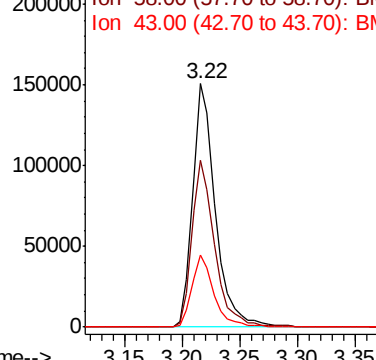


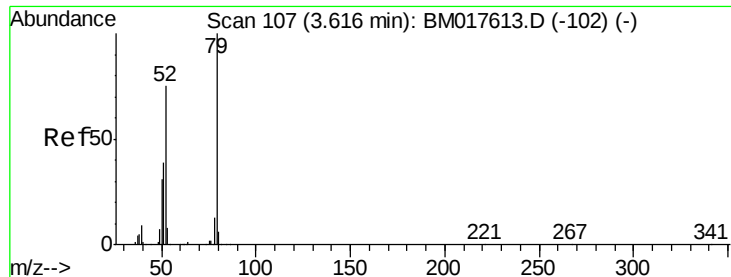
Abundance

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





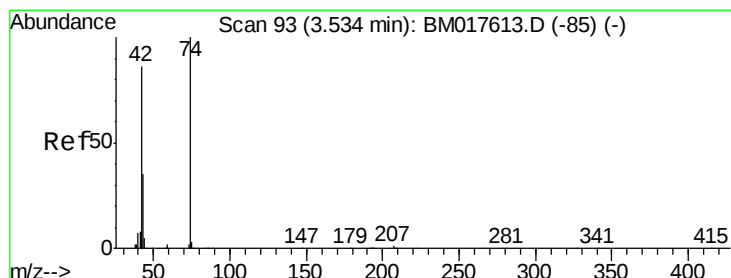
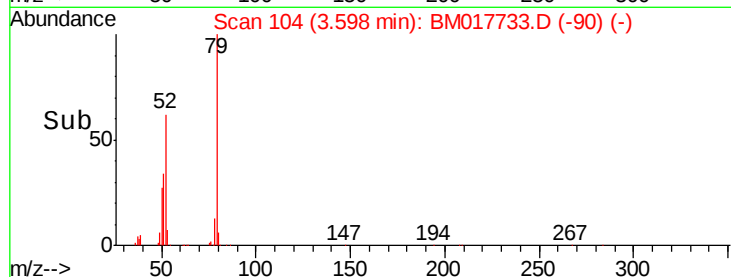
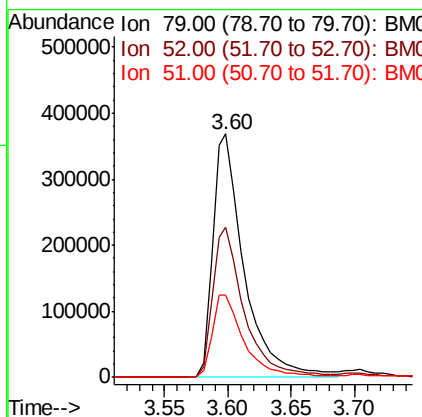
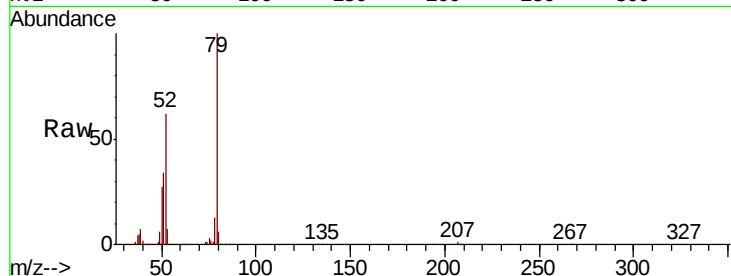
#3
 Pvridine
 Concen: 36.920 ng
 RT: 3.60 min Scan# 104
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.6	60.1	90.1
51	33.7	31.1	46.7

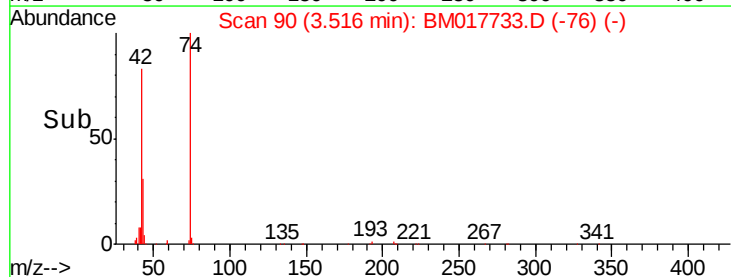
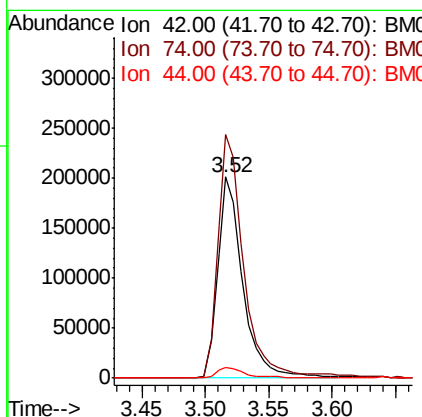
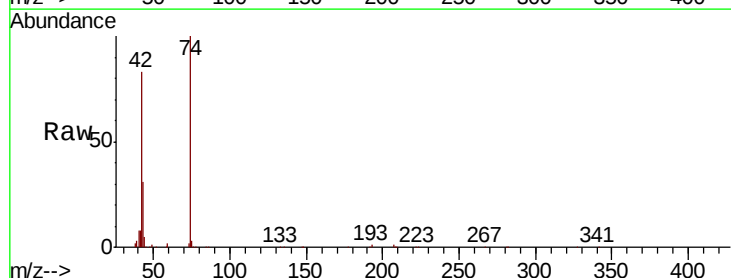
Manual Integrations
 APPROVED

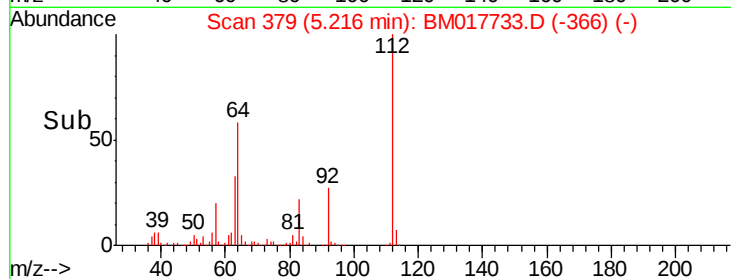
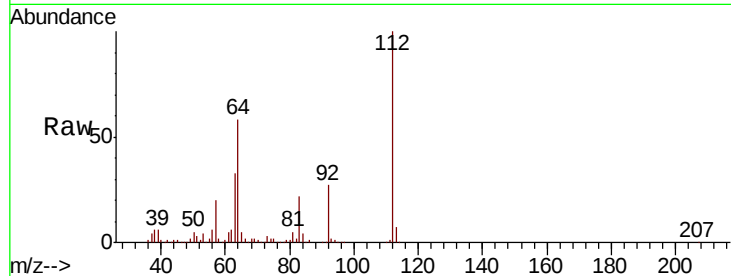
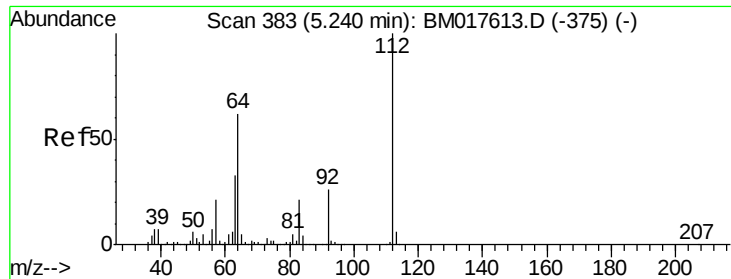
mohammad
 11/23/2018 11:51:15 AM



#4
 n-Nitrosodimethylamine
 Concen: 36.728 ng
 RT: 3.52 min Scan# 90
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.1	93.1	139.7
44	5.5	5.0	7.6





#5

2-Fluorophenol

Concen: 80.096 ng

RT: 5.22 min Scan# 379

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Tot Ion:	112	Resp:	1129567
Ion	Ratio	Lower	Upper
112	100		
64	58.3	49.3	73.9
63	32.8	26.2	39.4

Instrument :

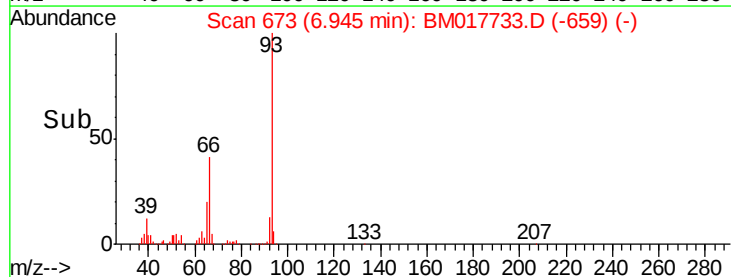
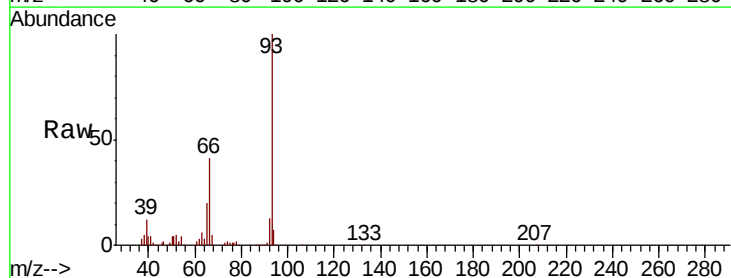
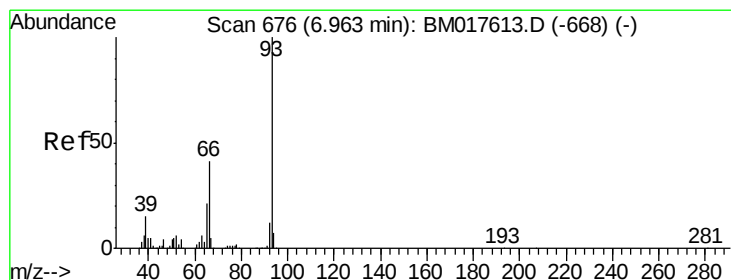
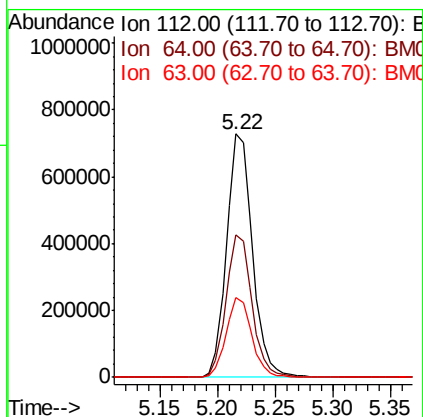
BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM



#6

Aniline

Concen: 42.077 ng

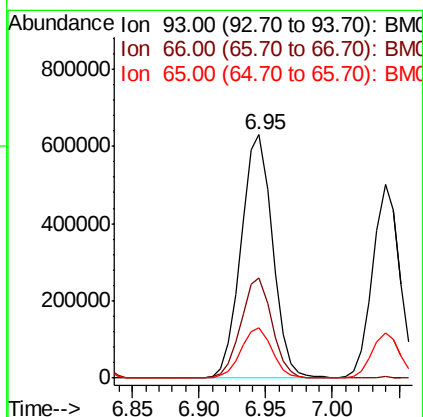
RT: 6.95 min Scan# 673

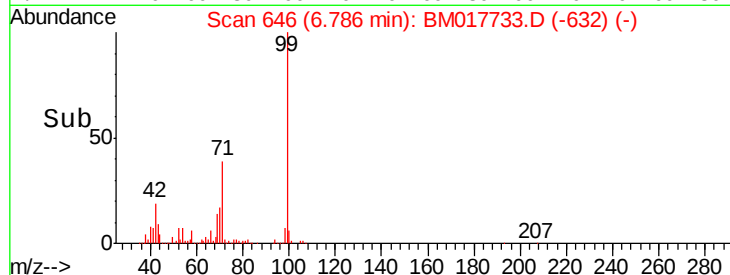
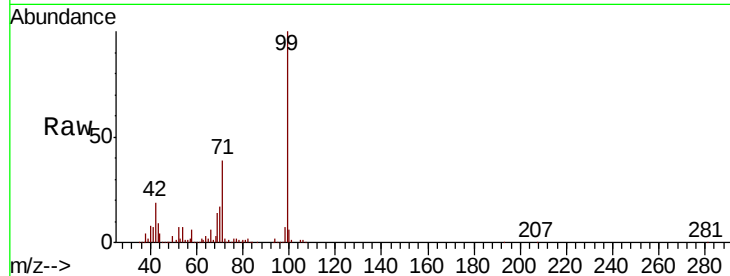
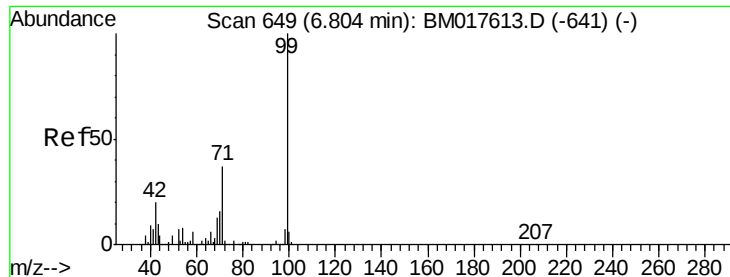
Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Tgt Ion:	93	Resp:	1027749
Ion	Ratio	Lower	Upper
93	100		
66	41.0	32.8	49.2
65	20.5	16.6	25.0





#7

Phenol-d6

Concen: 83.880 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Tot Ion: 99 Resp: 1652134

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

71 39.2 29.8 44.8

Instrument :

BNA_M

ClientSampled :

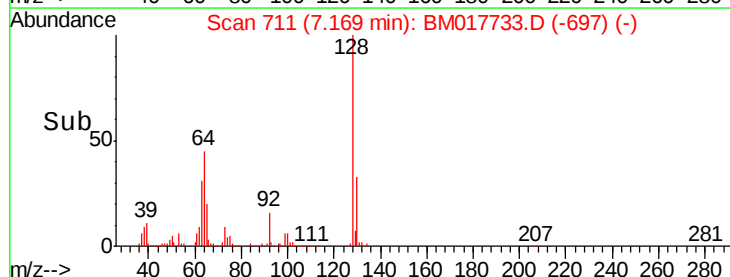
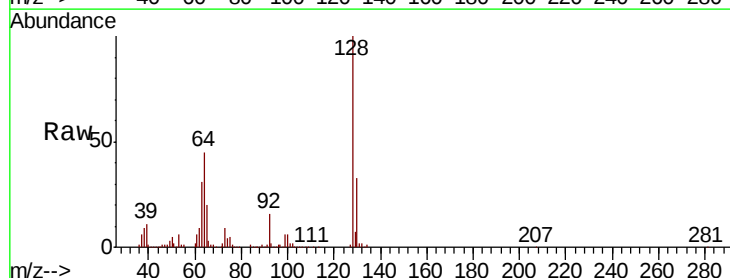
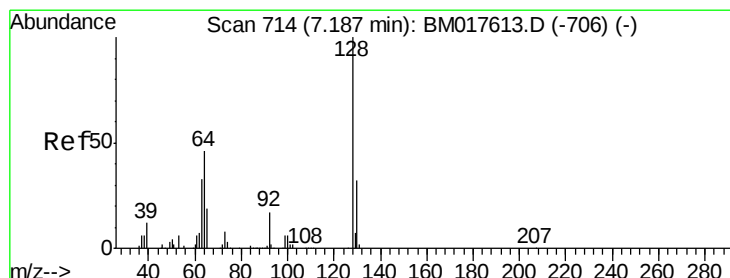
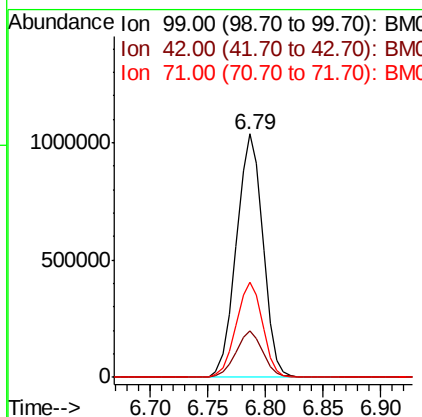
SSTDCCC040

Manual Integrations

APPROVED

mohammad

11/23/2018 11:51:15 AM



#8

2-Chlorophenol

Concen: 42.255 ng

RT: 7.17 min Scan# 711

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

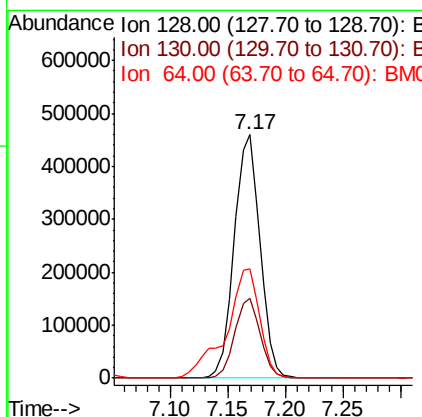
Tgt Ion: 128 Resp: 713175

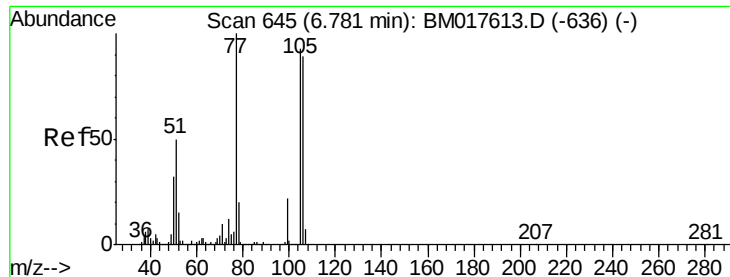
Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 44.9 30.0 70.0





#9

Benzaldehyde

Concen: 36.099 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Instrument :

BNA_M

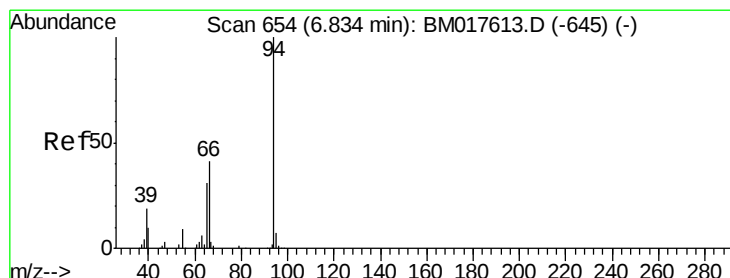
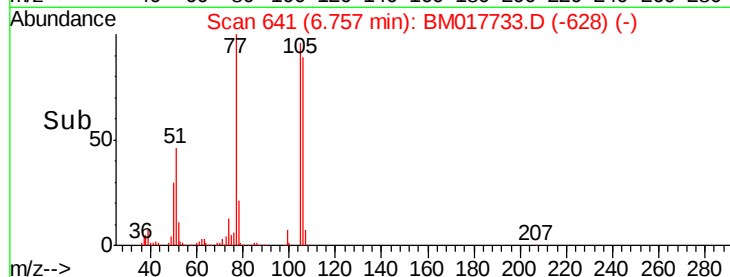
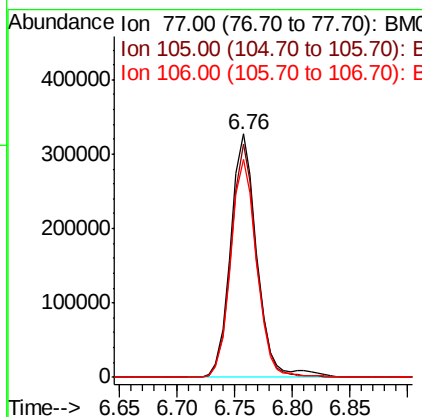
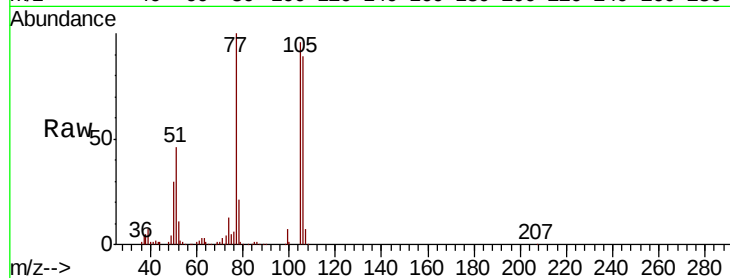
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	517952
Ion	Ratio	Lower	Upper
77	100		
105	95.8	72.7	112.7
106	89.4	68.9	108.9

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM



#10

Phenol

Concen: 42.298 ng

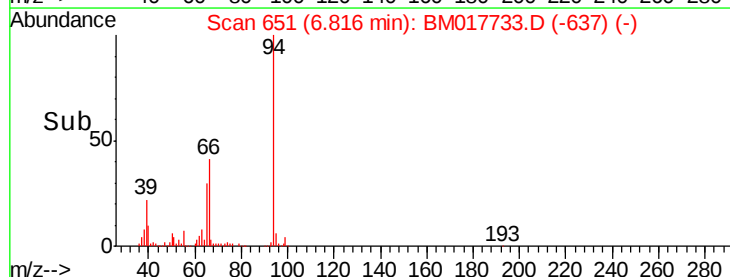
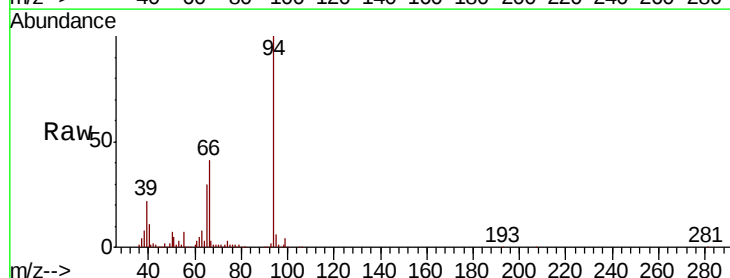
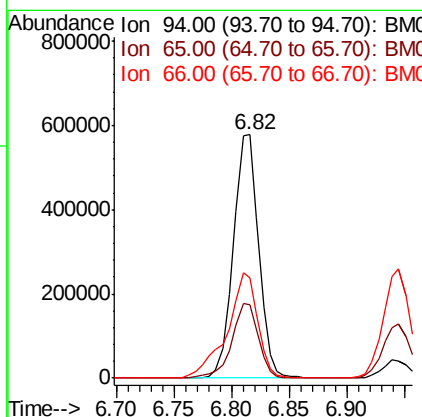
RT: 6.82 min Scan# 651

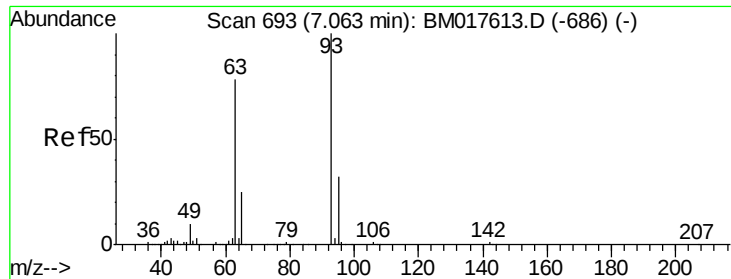
Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Tgt Ion:	94	Resp:	874459
Ion	Ratio	Lower	Upper
94	100		
65	30.3	11.4	51.4
66	41.2	21.4	61.4





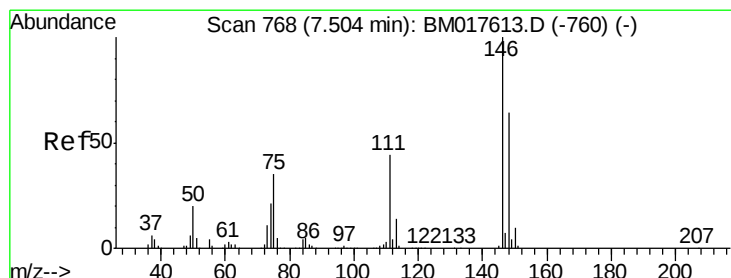
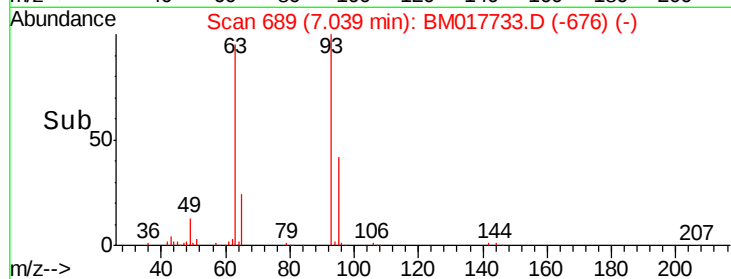
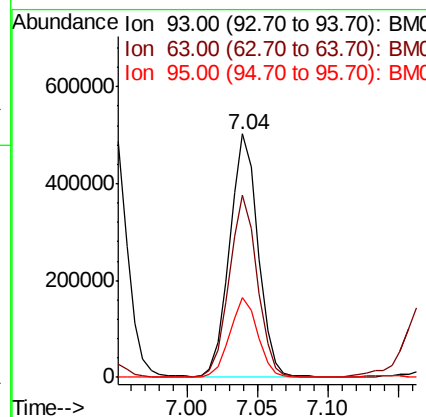
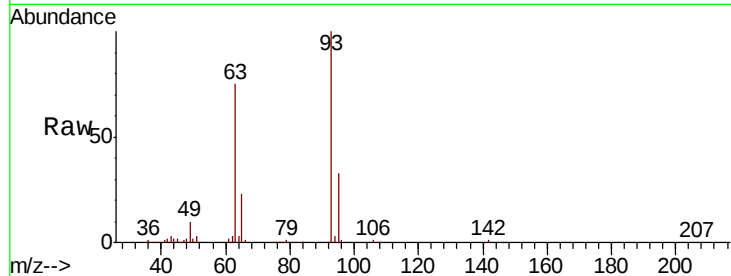
#11
bis(2-Chloroethyl)ether
Concen: 42.793 ng
RT: 7.04 min Scan# 689
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.1	57.9	97.9
95	32.9	12.3	52.3

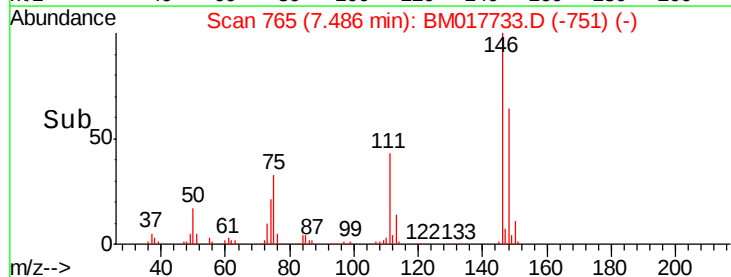
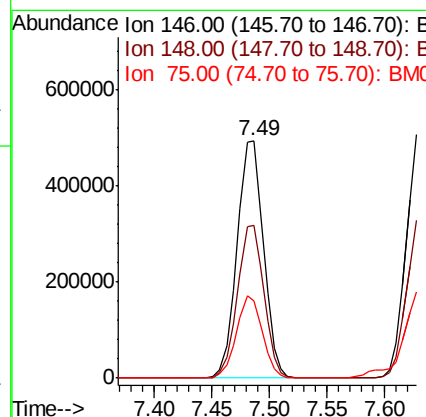
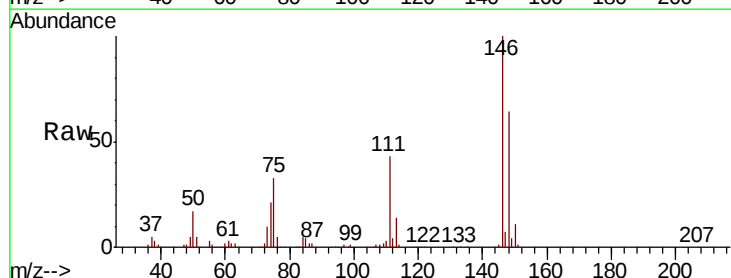
Manual Integrations
APPROVED

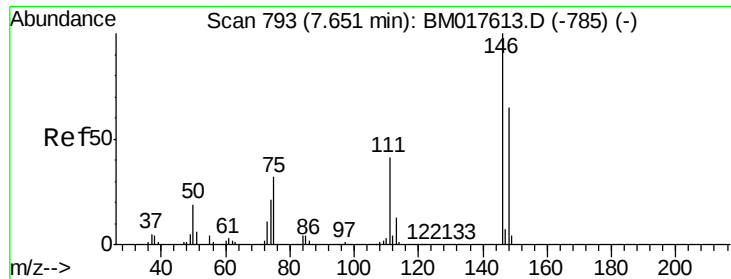
mohammad
11/23/2018 11:51:15 AM



#12
1,3-Dichlorobenzene
Concen: 41.507 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
75	32.6	28.2	42.2





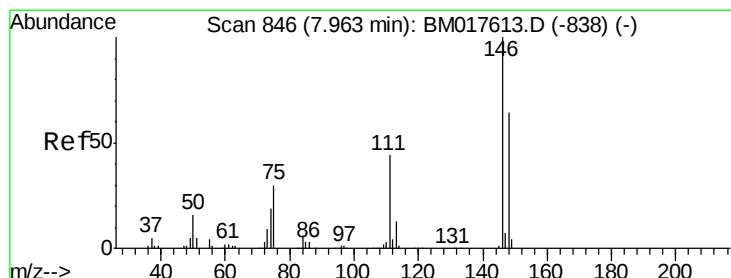
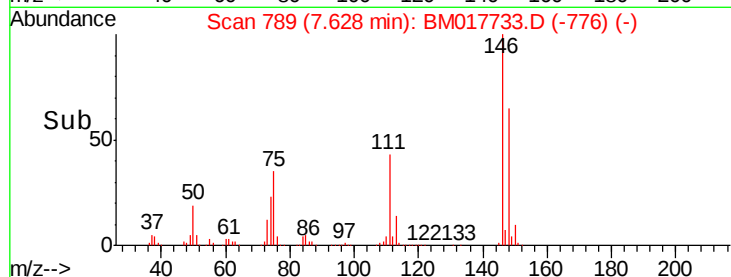
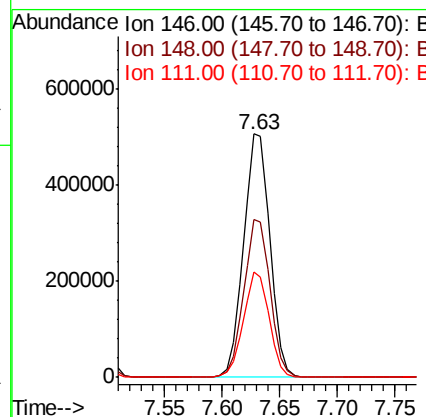
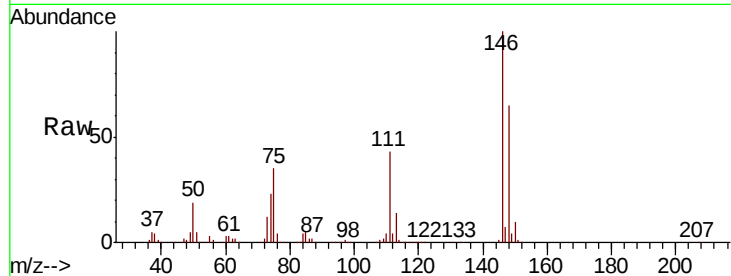
#13
1,4-Dichlorobenzene
Concen: 41.418 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
111	43.3	33.2	49.8

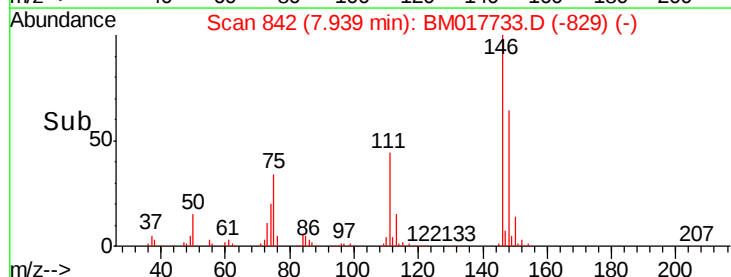
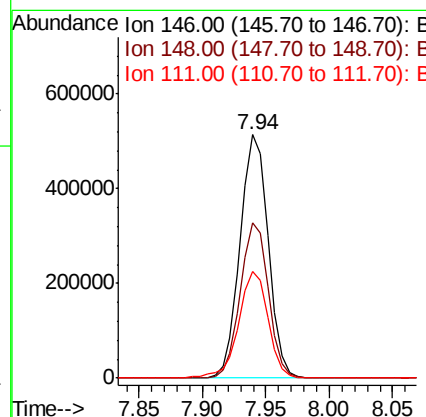
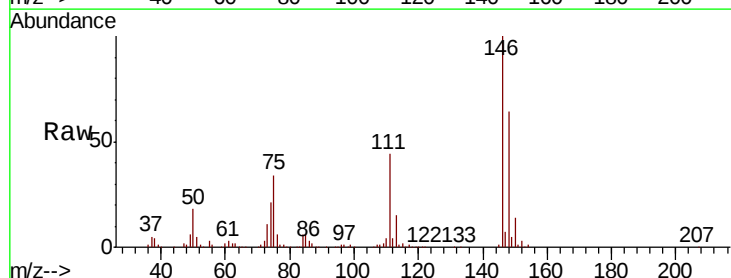
Manual Integrations
APPROVED

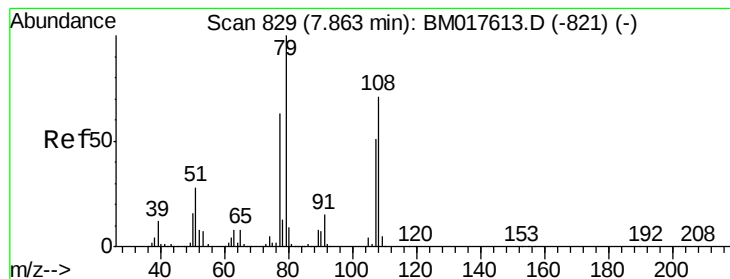
mohammad
11/23/2018 11:51:15 AM



#14
1,2-Dichlorobenzene
Concen: 41.971 ng
RT: 7.94 min Scan# 842
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.6	77.4
111	44.0	35.8	53.8





#15

Benzyl Alcohol

Concen: 45.345 ng

RT: 7.85 min Scan# 826

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Instrument :

BNA_M

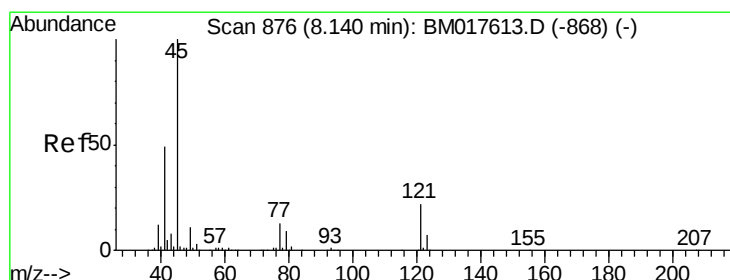
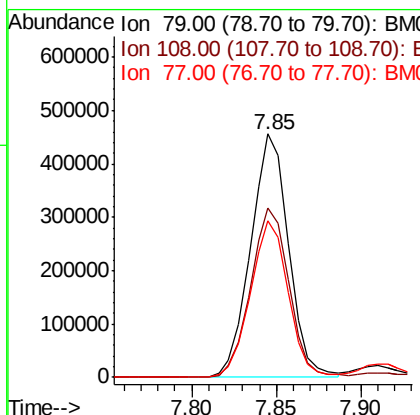
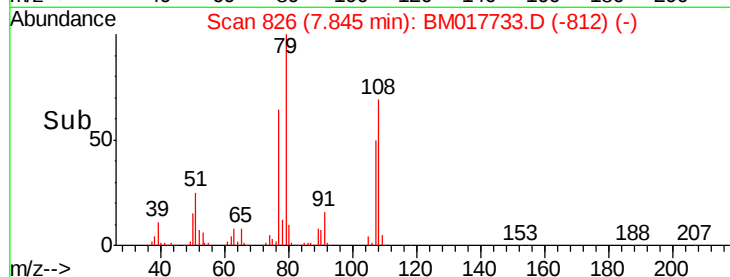
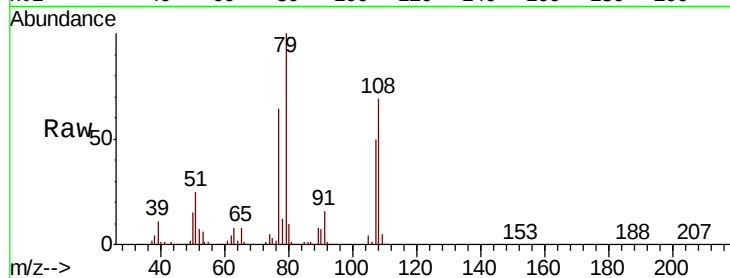
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	711263
Ion	Ratio	Lower	Upper
79	100		
108	69.3	57.1	85.7
77	64.4	50.4	75.6

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.959 ng

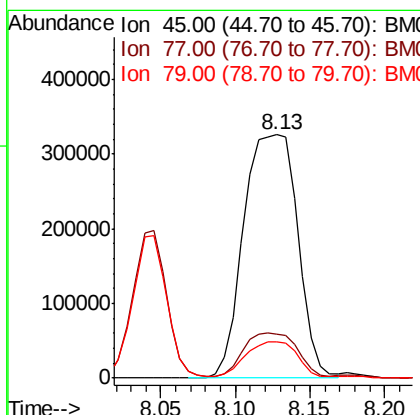
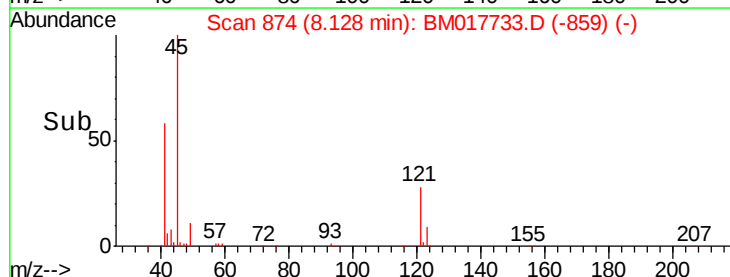
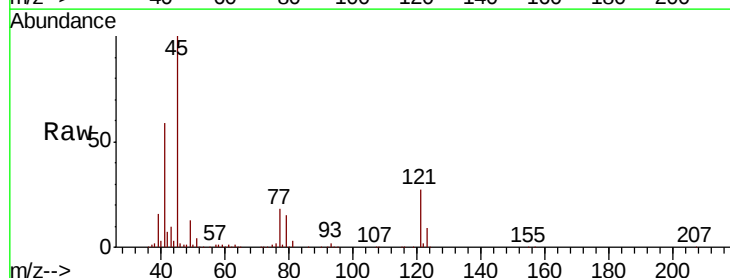
RT: 8.13 min Scan# 874

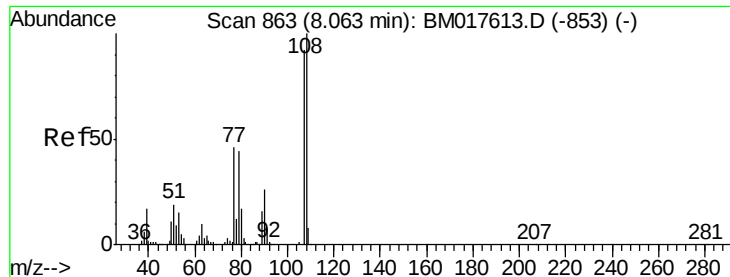
Delta R.T. -0.01 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Tgt Ion:	45	Resp:	818991
Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	34.2
79	15.0	0.0	30.5





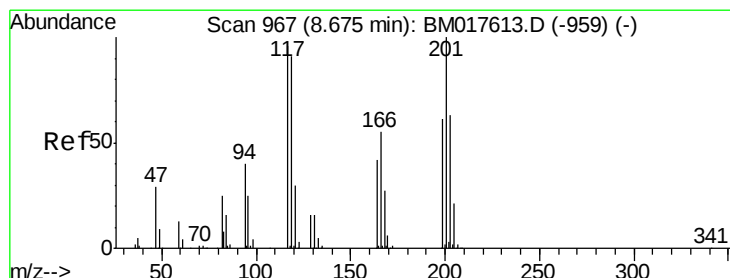
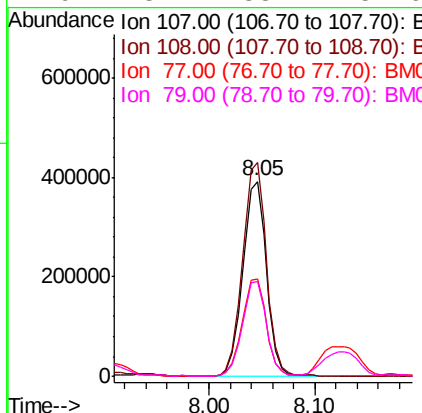
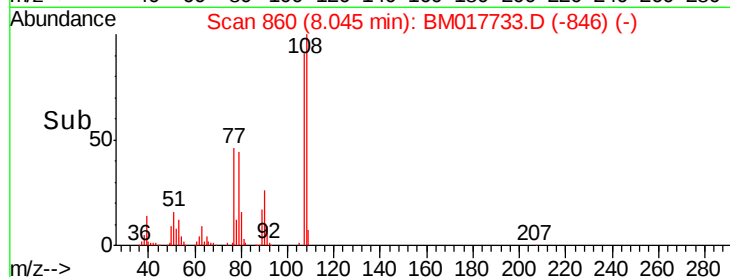
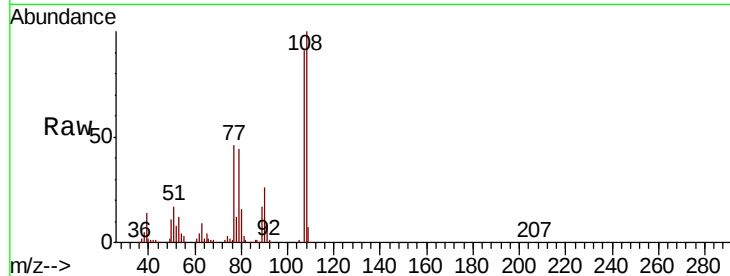
#17
2-Methylphenol
Concen: 43.463 ng
RT: 8.05 min Scan# 860
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	86.7	130.1	
77	50.3	39.8	59.6	
79	48.7	38.4	57.6	

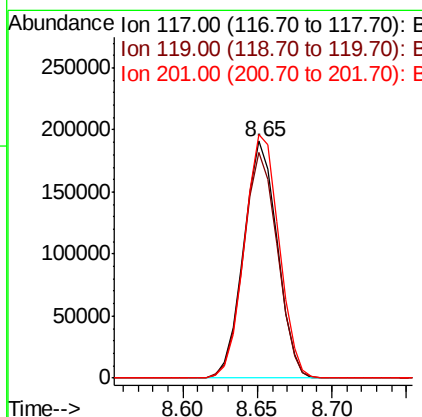
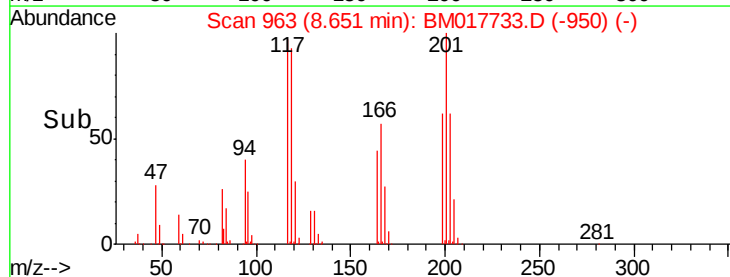
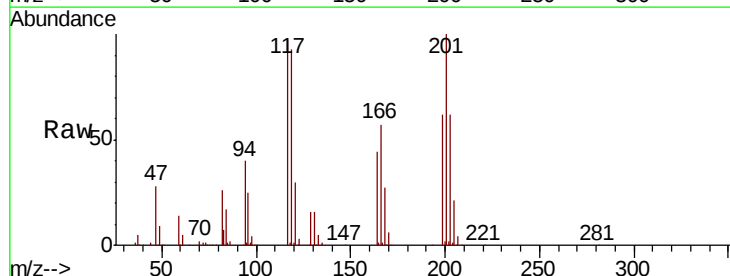
Manual Integrations
APPROVED

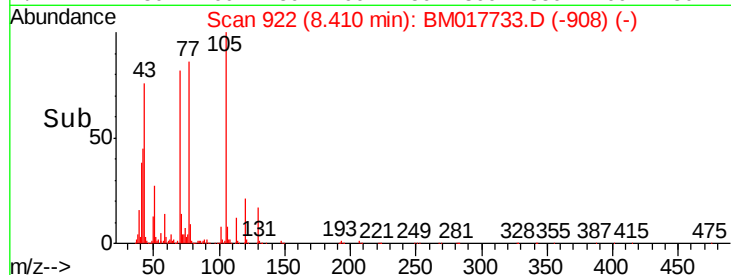
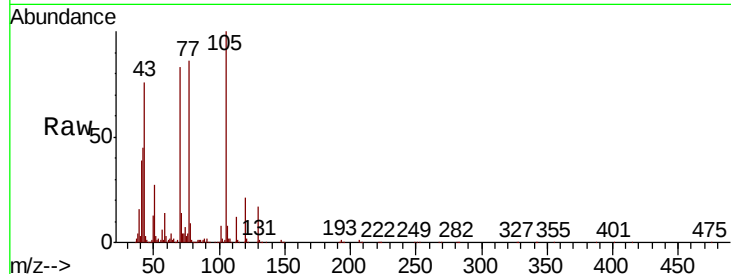
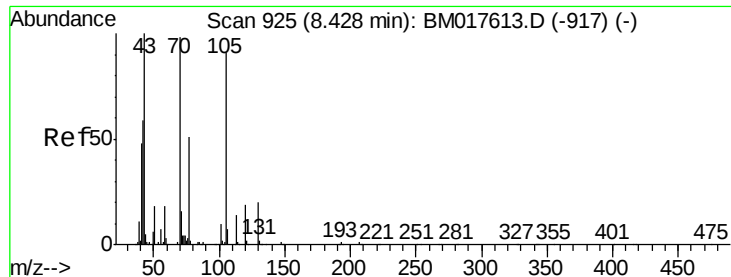
mohammad
11/23/2018 11:51:15 AM



#18
Hexachloroethane
Concen: 43.547 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.8	113.8	
201	102.7	83.0	124.4	





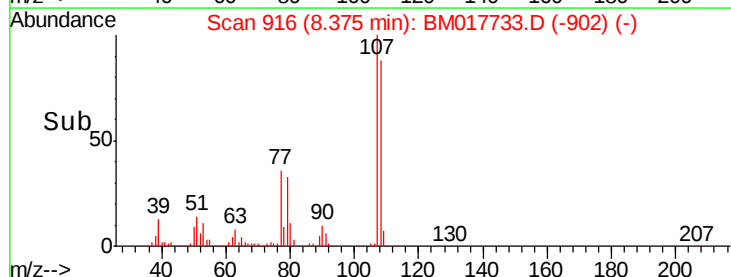
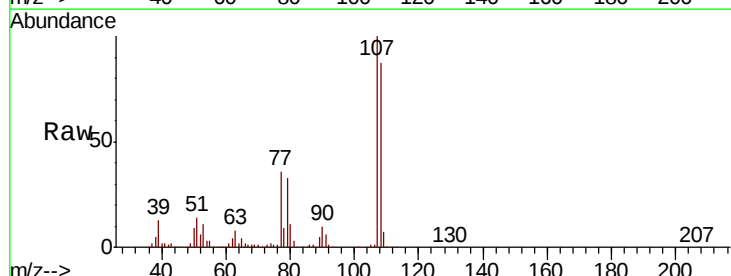
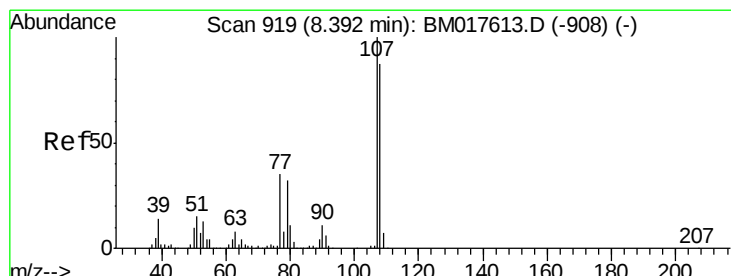
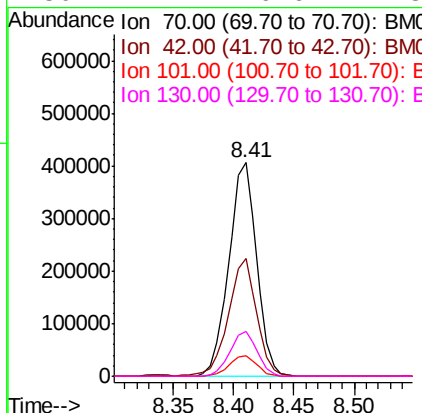
#19
n-Nitroso-di-n-propylamine
Concen: 46.138 ng
RT: 8.41 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.9	48.6	73.0	
101	9.8	7.9	11.9	
130	21.1	16.6	24.8	

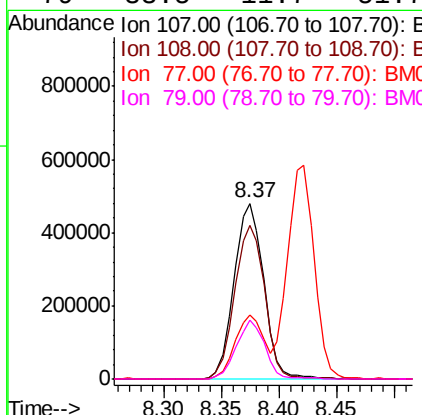
Manual Integrations
APPROVED

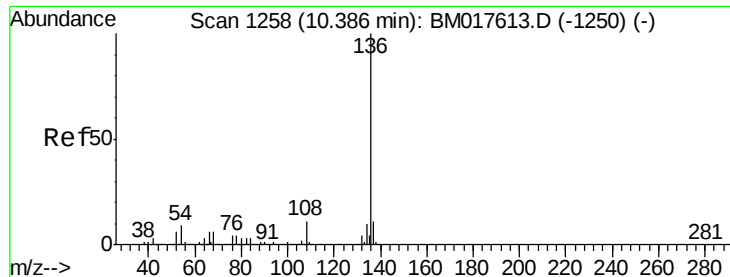
mohammad
11/23/2018 11:51:15 AM



#20
3+4-Methylphenols
Concen: 44.038 ng
RT: 8.37 min Scan# 916
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	67.0	107.0	
77	36.5	15.6	55.6	
79	33.5	11.7	51.7	





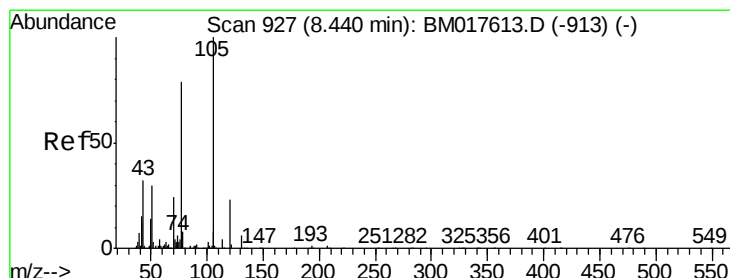
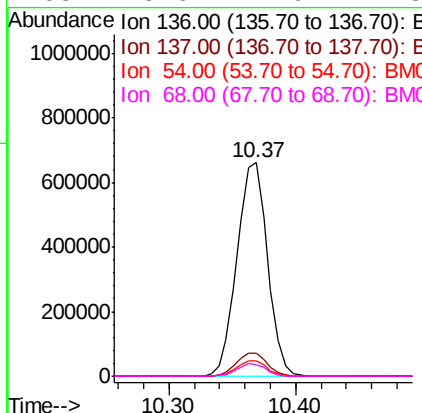
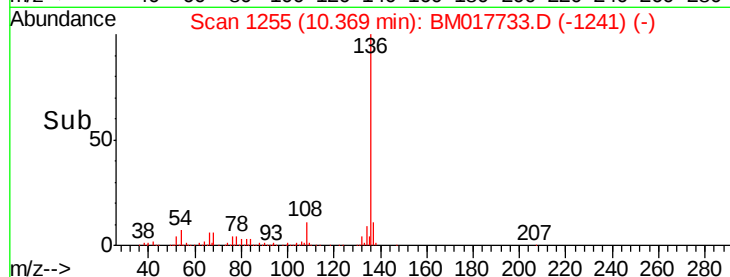
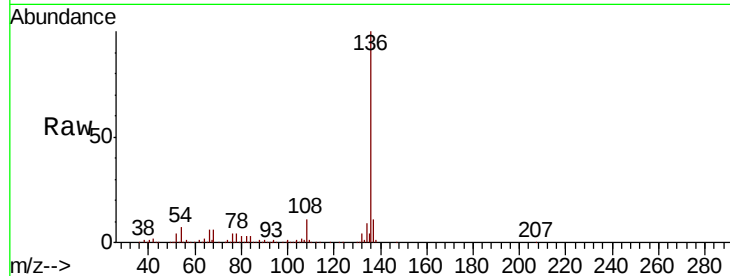
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.2	7.0	10.6
68	5.6	4.9	7.3

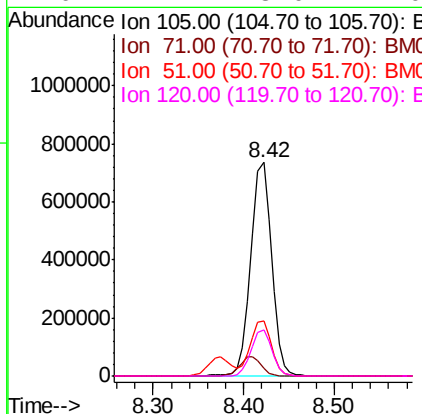
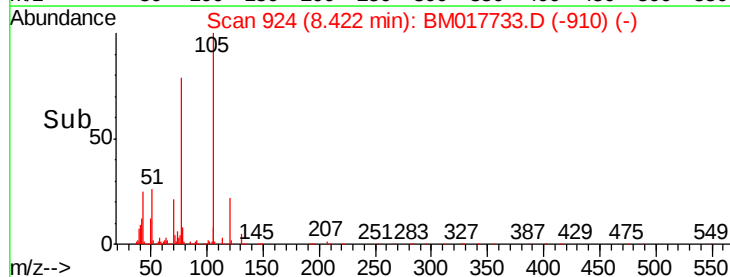
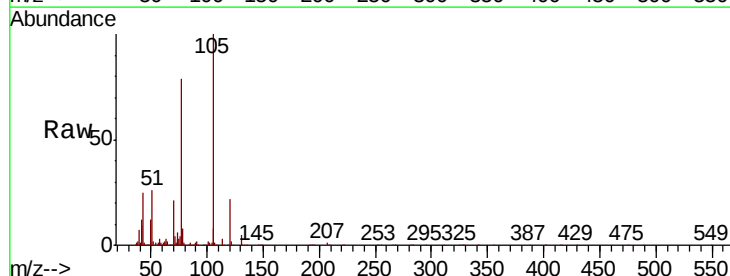
Manual Integrations
APPROVED

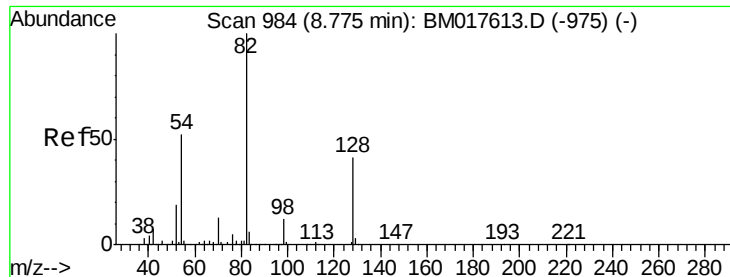
mohammad
11/23/2018 11:51:15 AM



#22
Acetophenone
Concen: 42.926 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.1	4.7
51	26.0	23.8	35.8
120	21.7	18.0	27.0





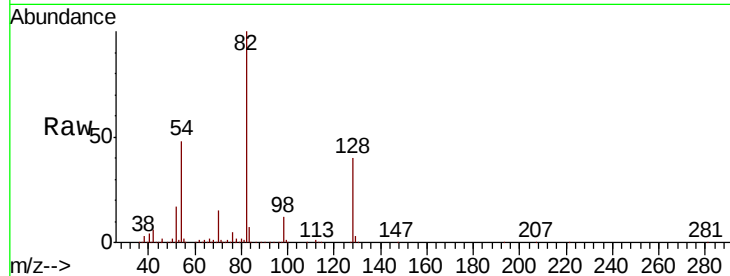
#23
Nitrobenzene-d5
Concen: 85.322 ng
RT: 8.75 min Scan# 980
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.0	49.4
54	47.7	41.4	62.2

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM

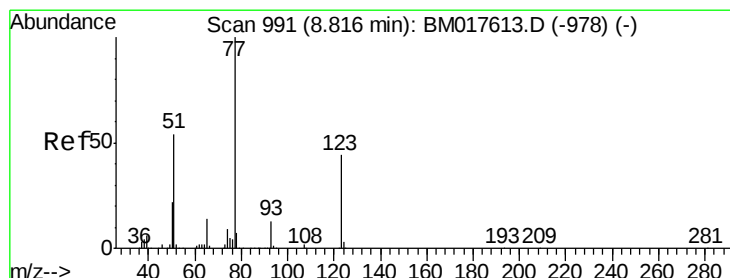
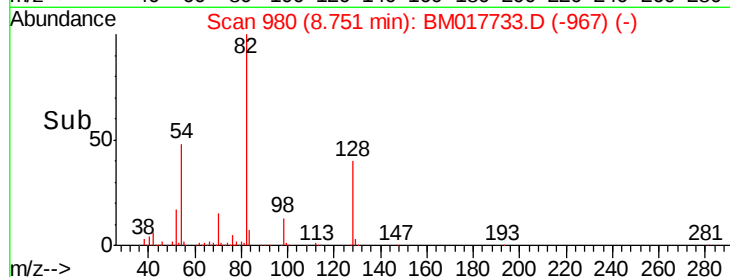
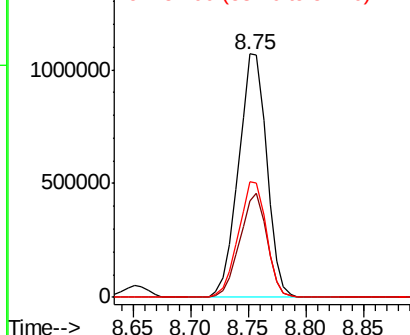


Abundance

Ion 82.00 (81.70 to 82.70): BM017733.D (-967) (-)

Ion 128.00 (127.70 to 128.70): BM017733.D (-967) (-)

Ion 54.00 (53.70 to 54.70): BM017733.D (-967) (-)



#24
Nitrobenzene
Concen: 41.861 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

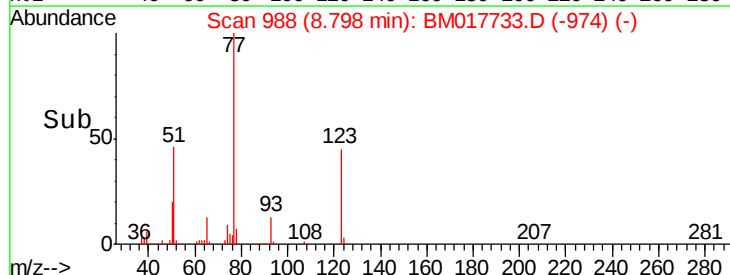
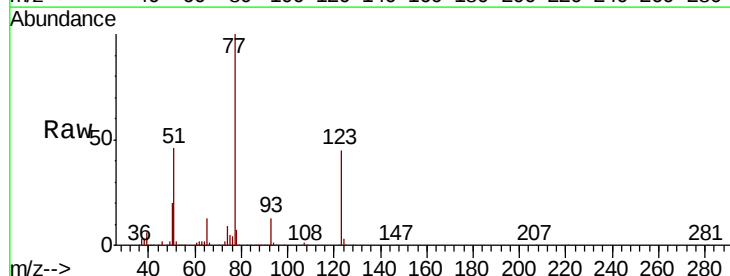
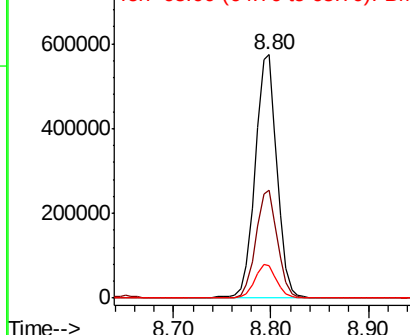
Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	35.1	52.7
65	13.2	11.0	16.6

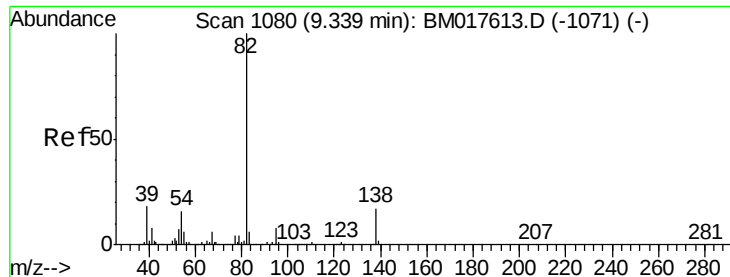
Abundance

Ion 77.00 (76.70 to 77.70): BM017733.D (-974) (-)

Ion 123.00 (122.70 to 123.70): BM017733.D (-974) (-)

Ion 65.00 (64.70 to 65.70): BM017733.D (-974) (-)





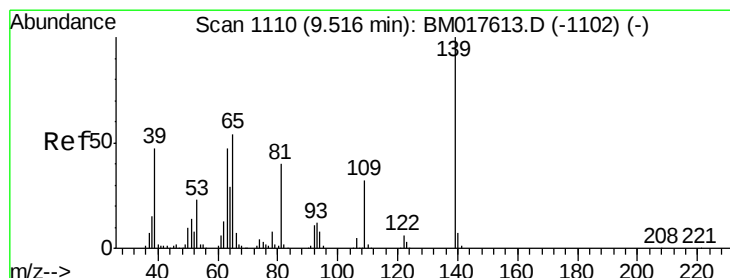
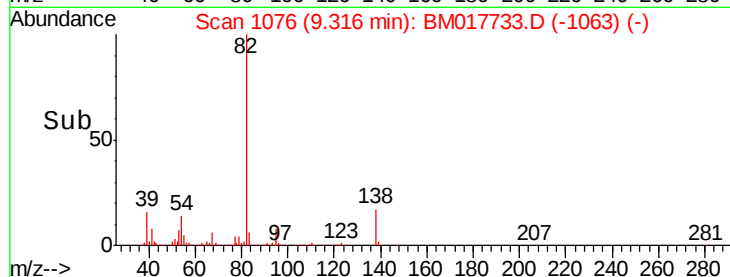
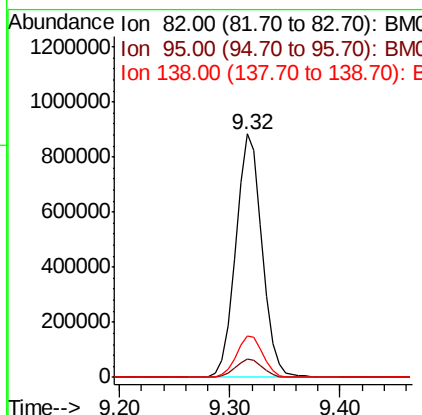
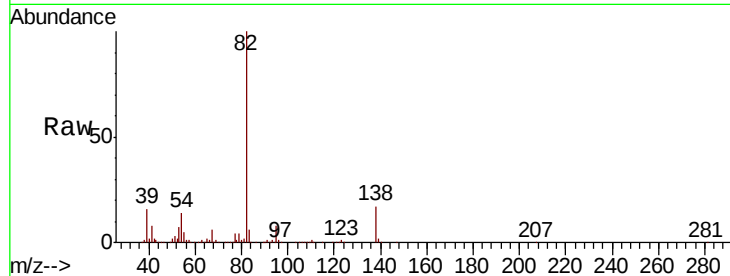
#25
Isophorone
Concen: 44.718 ng
RT: 9.32 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.1	9.1
138	17.1	13.9	20.9

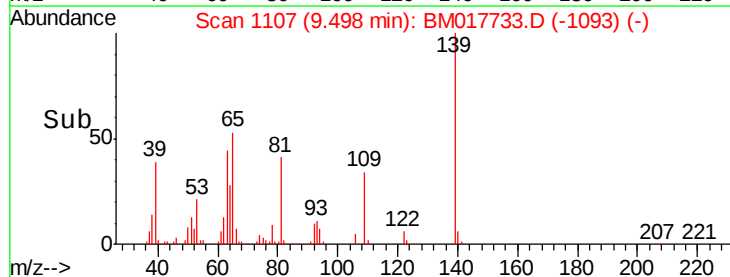
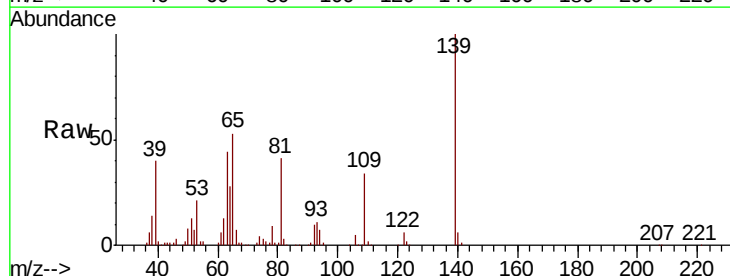
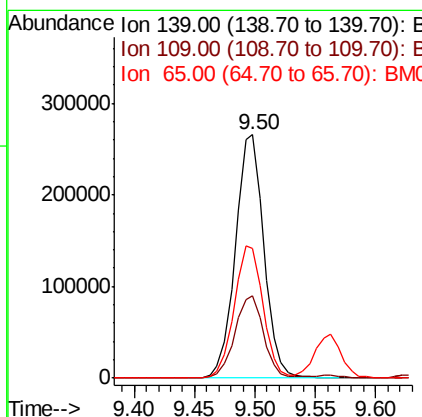
Manual Integrations
APPROVED

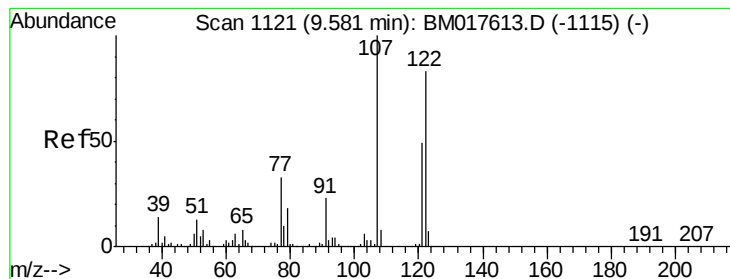
mohammad
11/23/2018 11:51:15 AM



#26
2-Nitrophenol
Concen: 43.890 ng
RT: 9.50 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	34.0	25.9	38.9
65	53.1	43.0	64.4





#27

2,4-Dimethylphenol

Concen: 42.668 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Instrument :

BNA_M

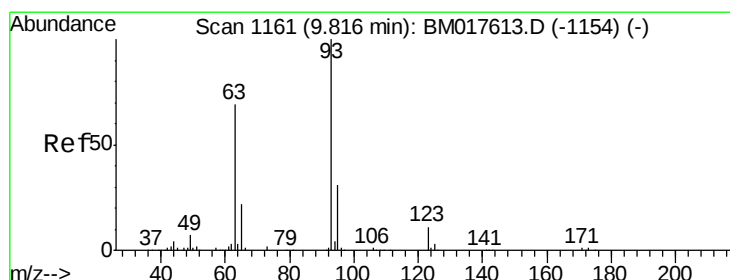
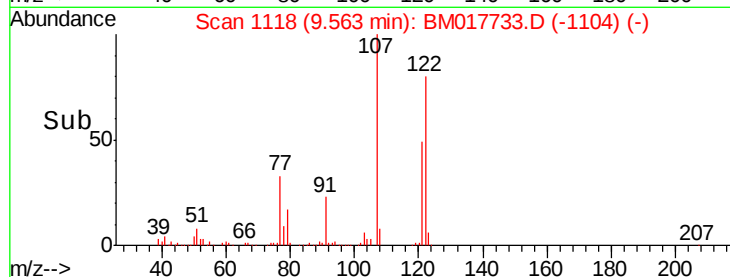
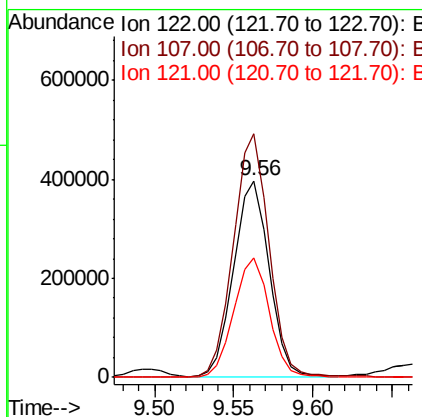
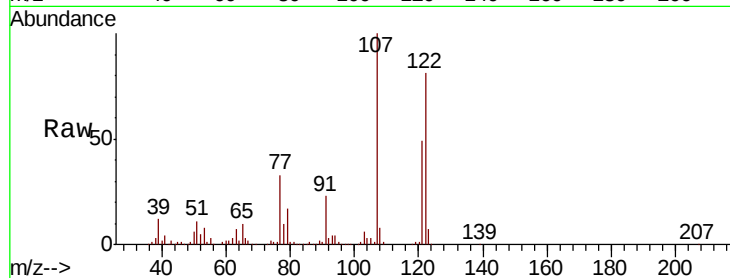
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.8	95.8	143.8
121	60.9	47.2	70.8

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM



#28

bis(2-Chloroethoxy)methane

Concen: 43.772 ng

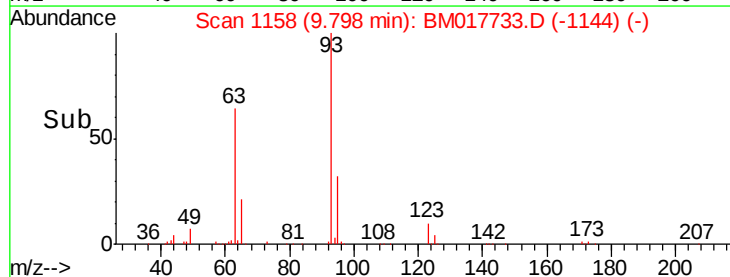
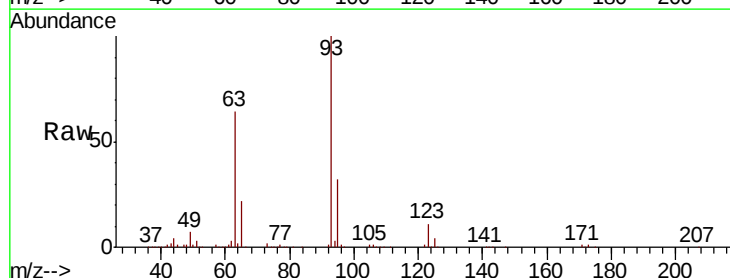
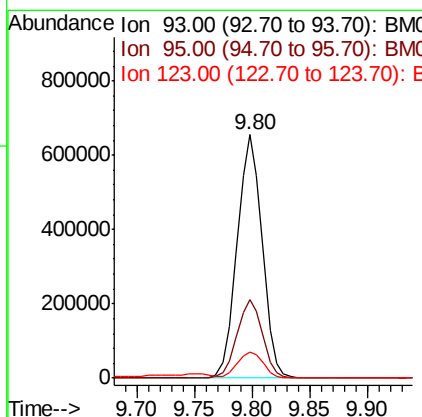
RT: 9.80 min Scan# 1158

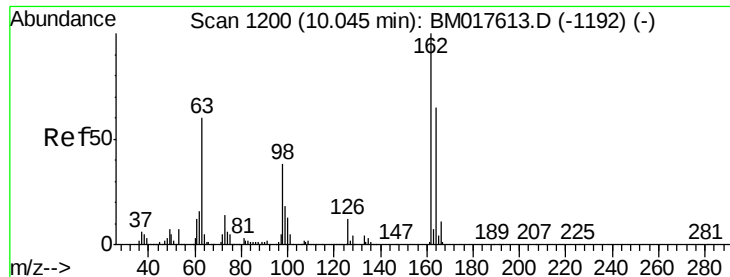
Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.9	37.3
123	10.8	8.7	13.1





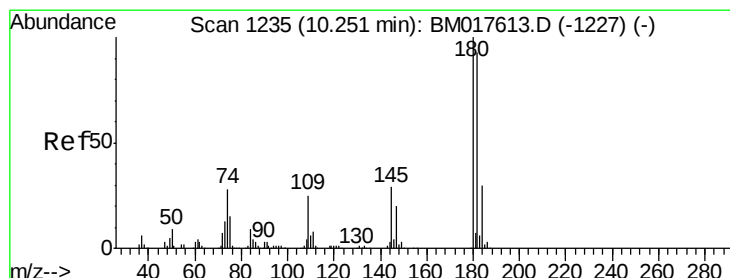
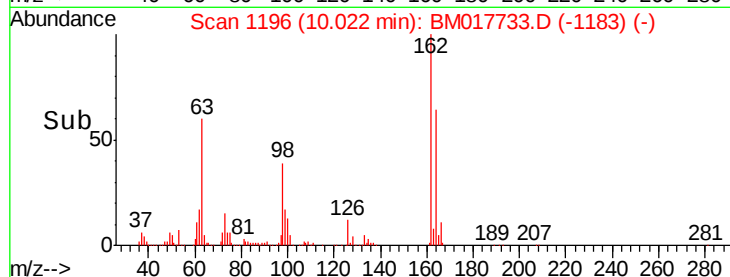
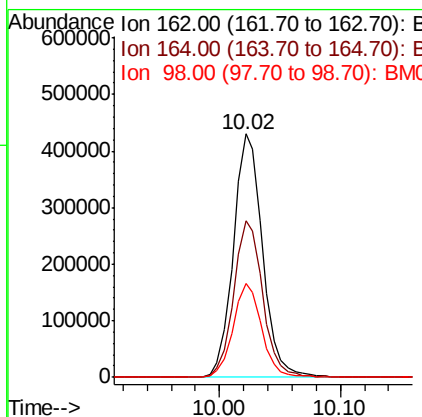
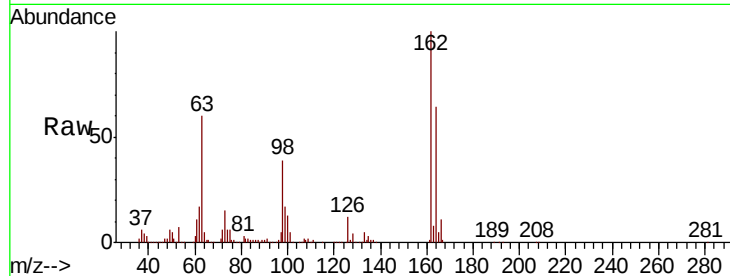
#29
2,4-Dichlorophenol
Concen: 43.386 ng
RT: 10.02 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	724554		
164	64.4	45.0	85.0	
98	38.5	17.5	57.5	

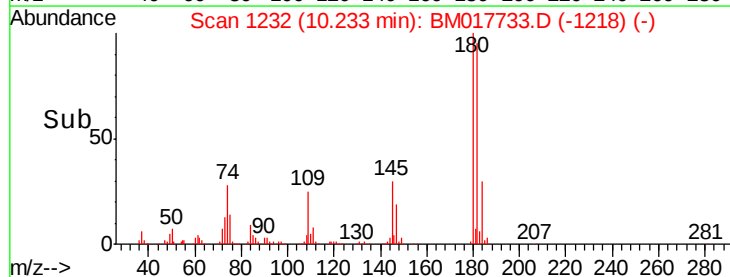
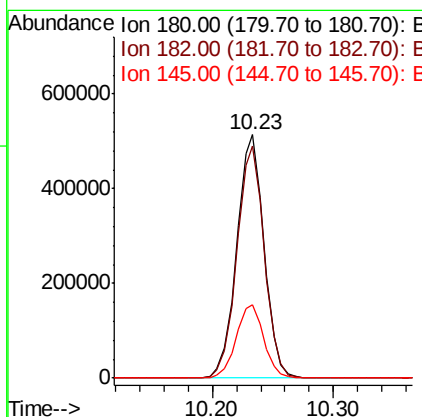
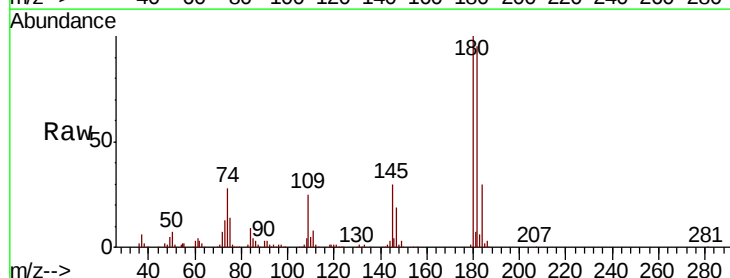
Manual Integrations
APPROVED

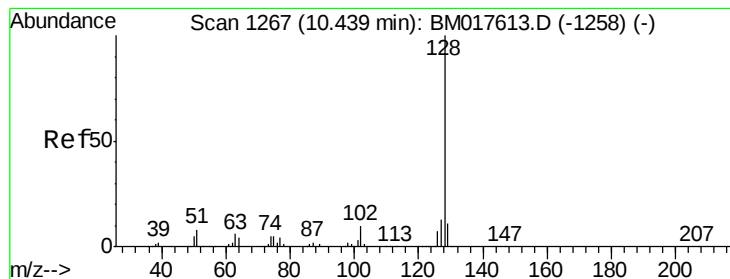
mohammad
11/23/2018 11:51:15 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.448 ng
RT: 10.23 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	805066		
182	95.3	74.4	111.6	
145	30.1	23.5	35.3	





#31

Naphthalene

Concen: 41.665 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2258981

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

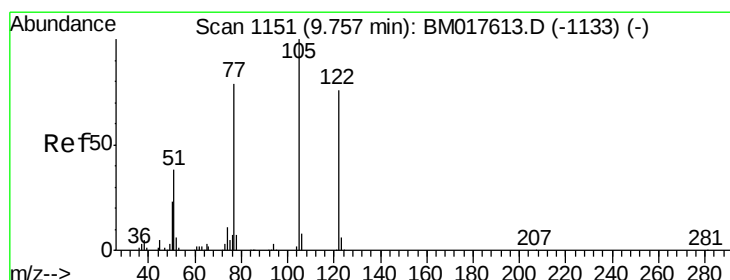
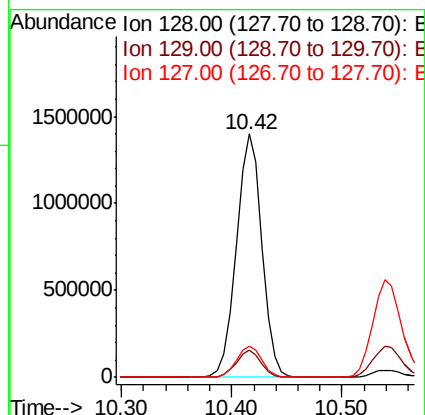
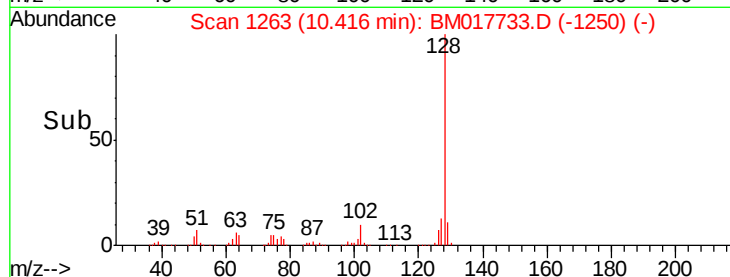
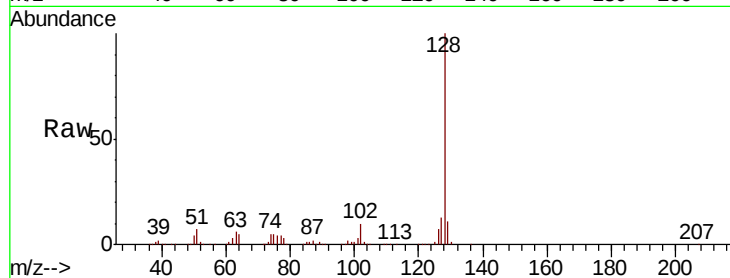
127 13.0 10.3 15.5

Manual Integrations

APPROVED

mohammad

11/23/2018 11:51:15 AM



#32

Benzoic acid

Concen: 44.268 ng m

RT: 9.76 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

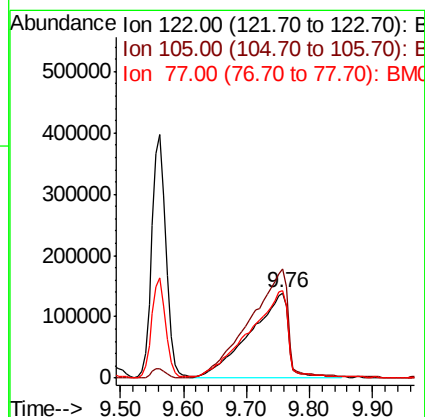
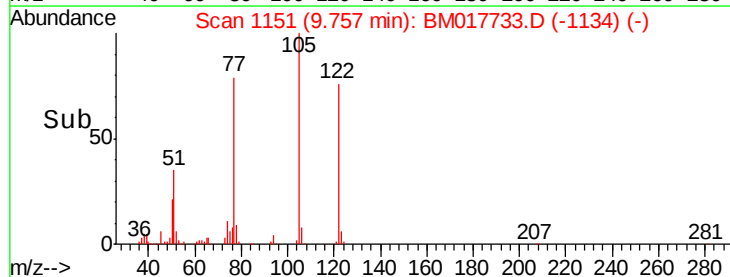
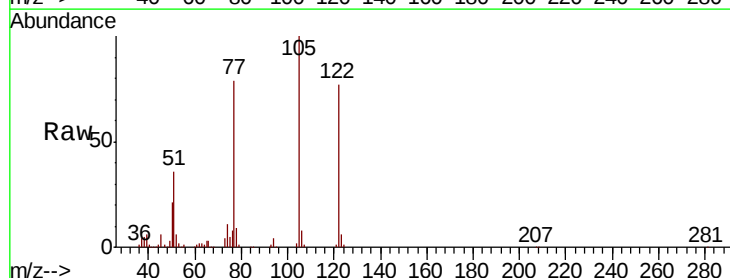
Tgt Ion:122 Resp: 576898

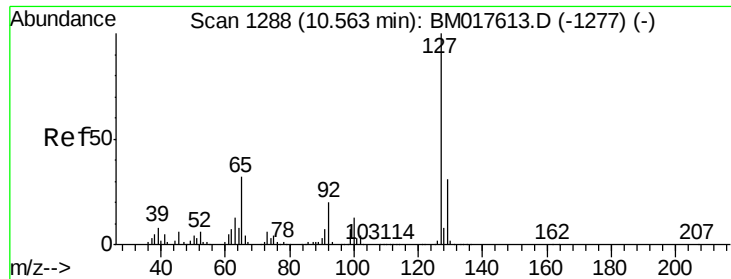
Ion Ratio Lower Upper

122 100

105 129.1 109.1 149.1

77 102.5 82.1 122.1





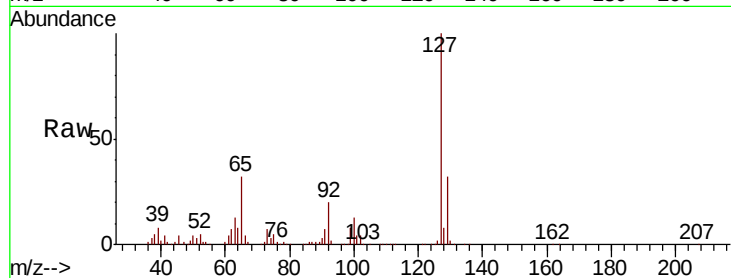
#33
4-Chloroaniline
Concen: 43.366 ng
RT: 10.54 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	31.7	25.0	37.4	
65	32.3	25.8	38.8	
92	20.2	15.8	23.6	

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM



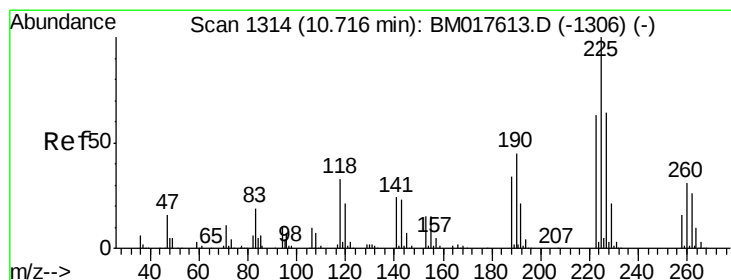
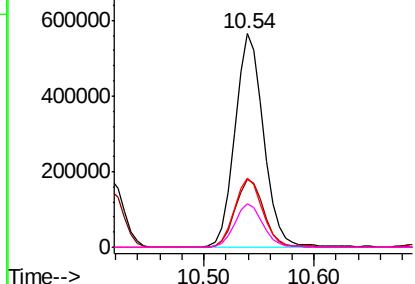
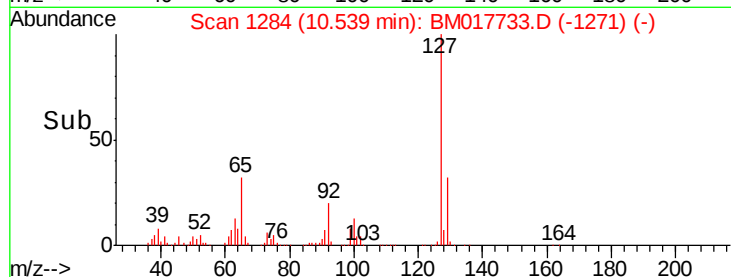
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

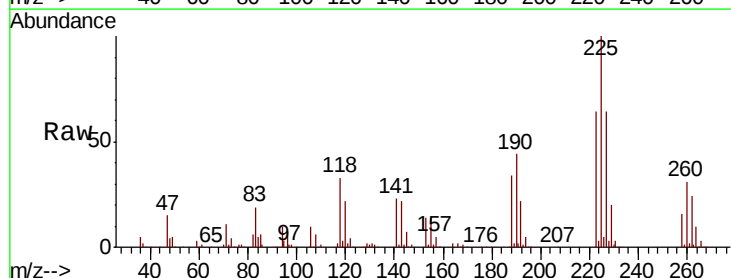
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 43.693 ng
RT: 10.69 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	64.0	50.7	76.1	
227	63.7	51.0	76.4	

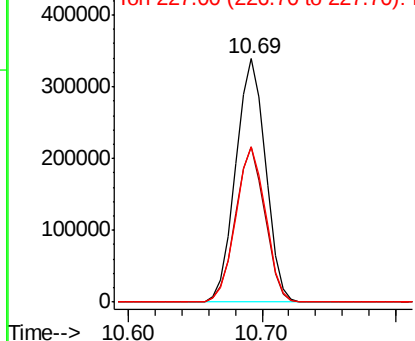
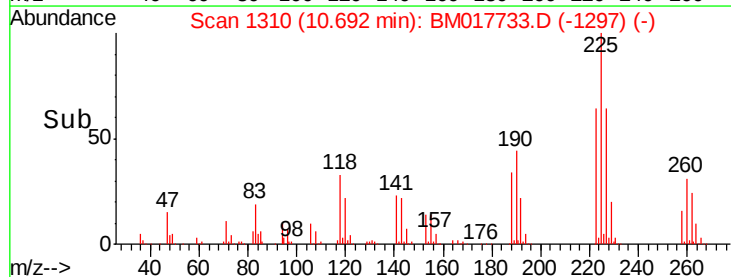


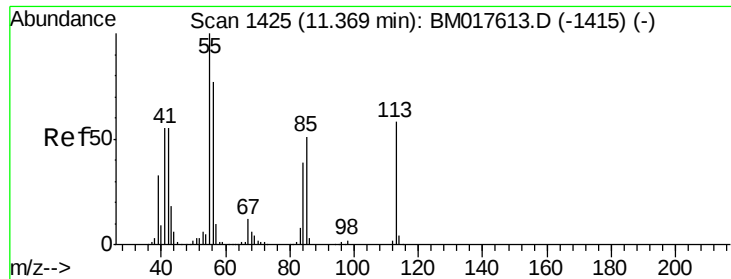
Abundance

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: 45.006 ng/ml

RT: 11.36 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 276788

Ion Ratio Lower Upper

113 100

55 142.1 153.1 193.1#

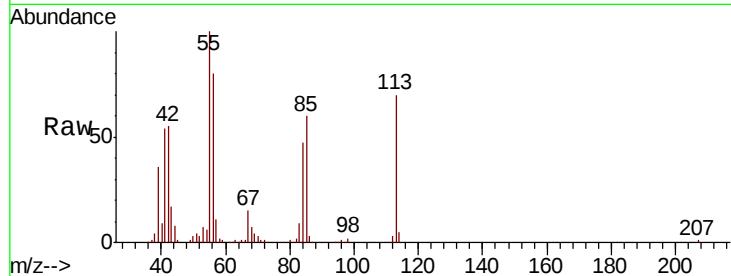
56 114.1 112.7 152.7

Manual Integrations

APPROVED

mohammad

11/23/2018 11:51:15 AM

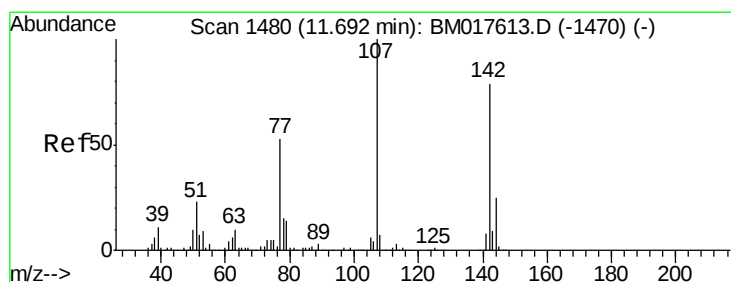
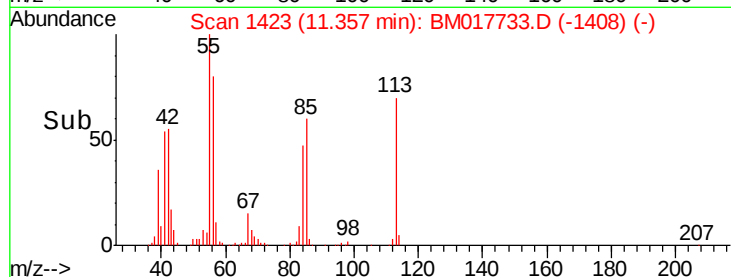
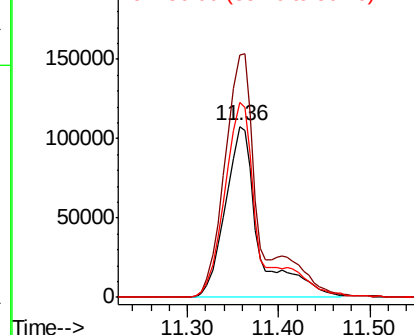


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 44.444 ng/ml

RT: 11.67 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

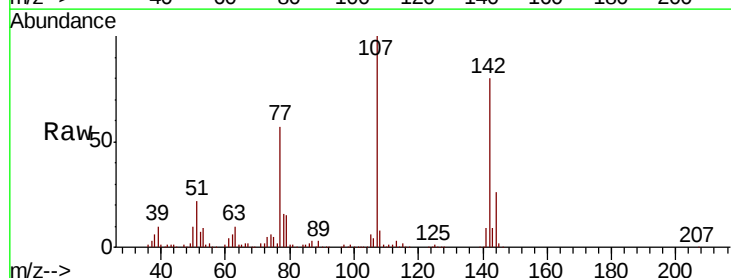
Tgt Ion:107 Resp: 856942

Ion Ratio Lower Upper

107 100

144 26.1 19.9 29.9

142 80.3 63.0 94.4

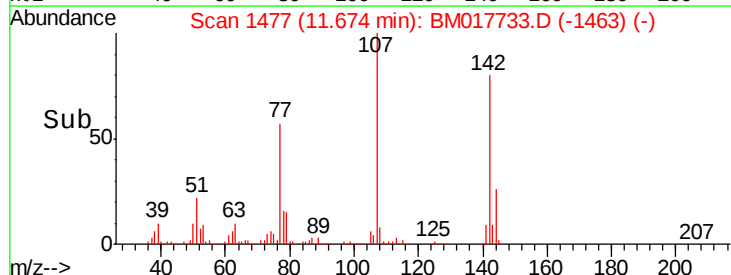
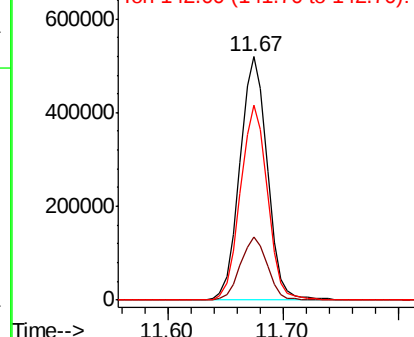


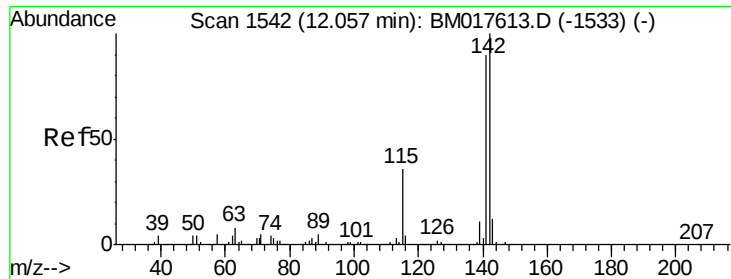
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





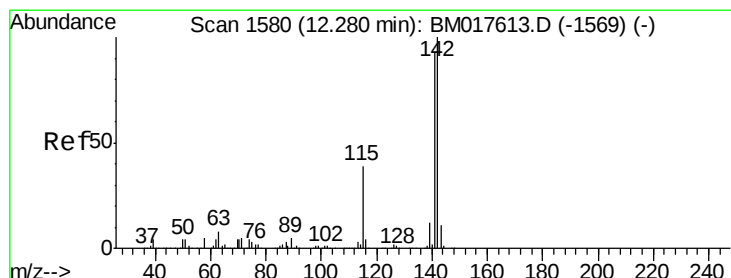
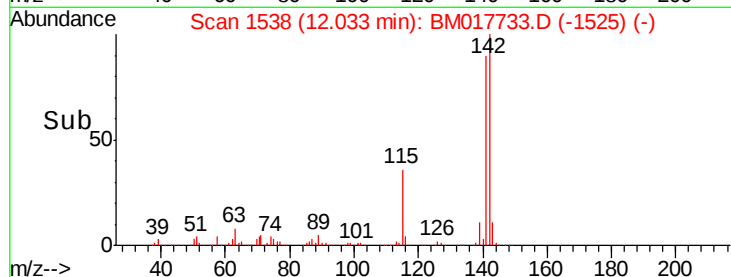
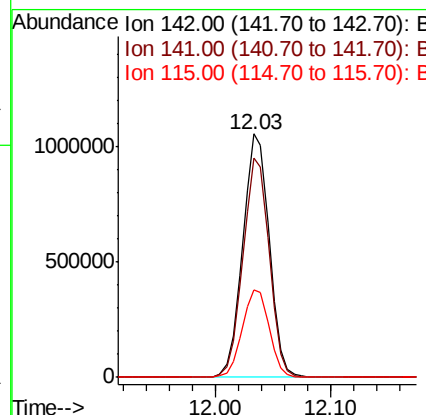
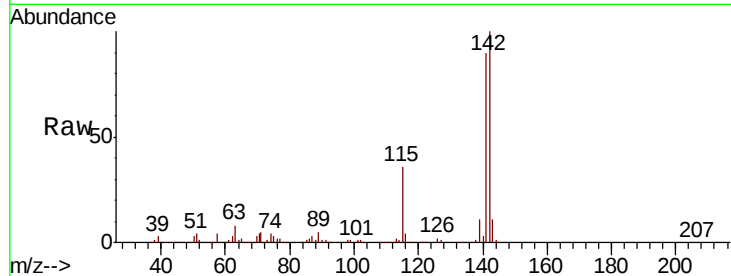
#37
2-Methylnaphthalene
Concen: 43.766 ng
RT: 12.03 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.2	108.4
115	36.1	28.5	42.7

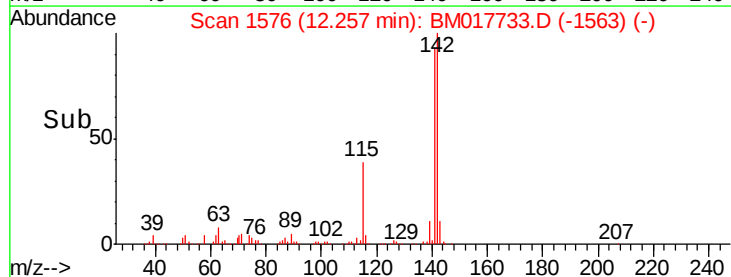
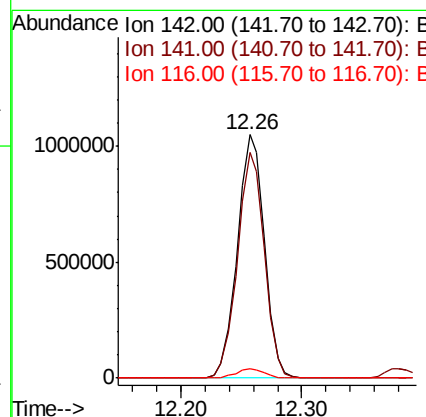
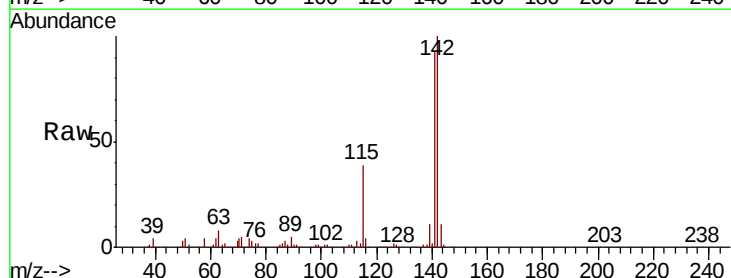
Manual Integrations
APPROVED

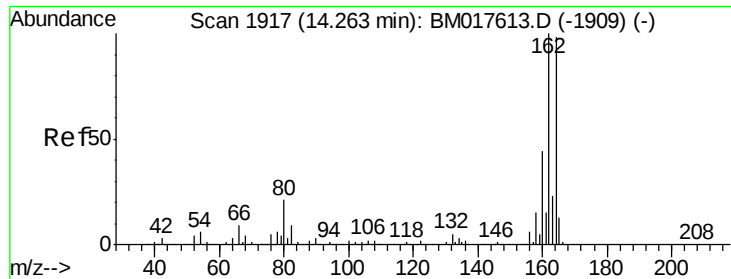
mohammad
11/23/2018 11:51:15 AM



#38
1-Methylnaphthalene
Concen: 43.628 ng
RT: 12.26 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	3.9	3.1	4.7





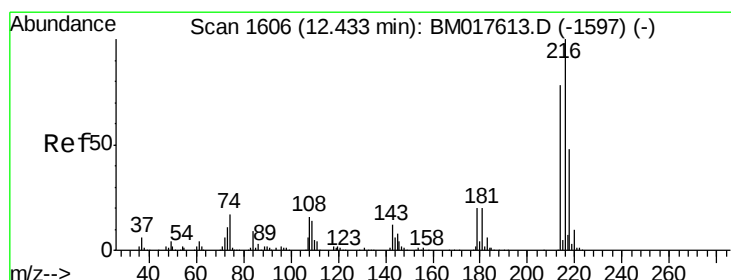
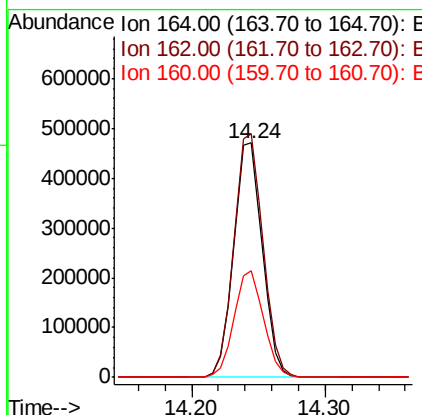
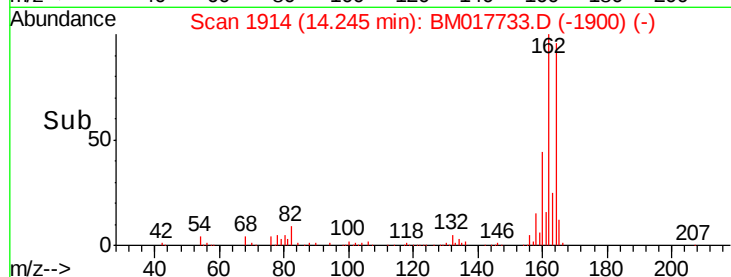
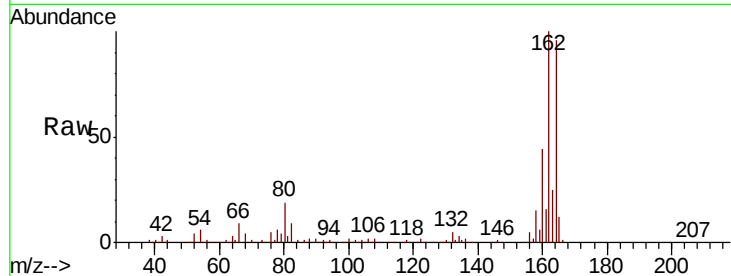
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.4	122.0
160	45.4	35.6	53.4

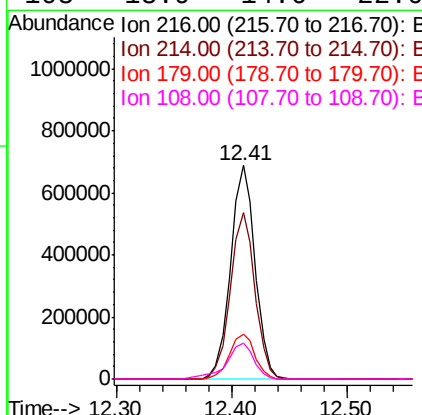
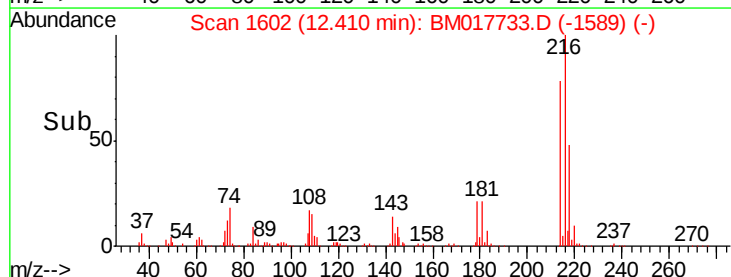
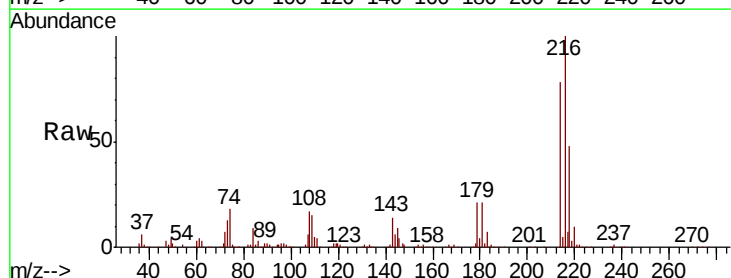
Manual Integrations
APPROVED

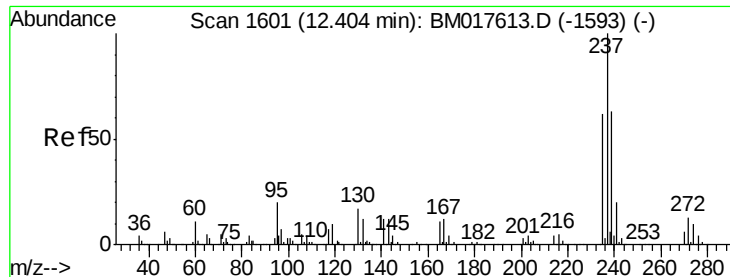
mohammad
11/23/2018 11:51:15 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.699 ng
RT: 12.41 min Scan# 1602
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.5	93.7
179	21.7	16.8	25.2
108	18.9	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 42.674 ng

RT: 12.38 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Instrument :

BNA_M

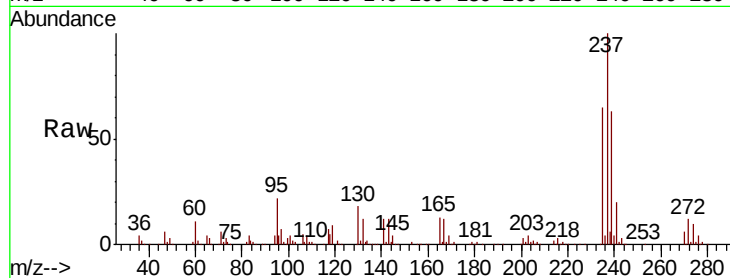
ClientSampleId :

SSTDCCC040

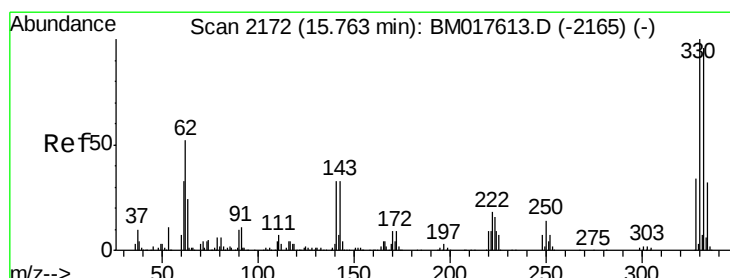
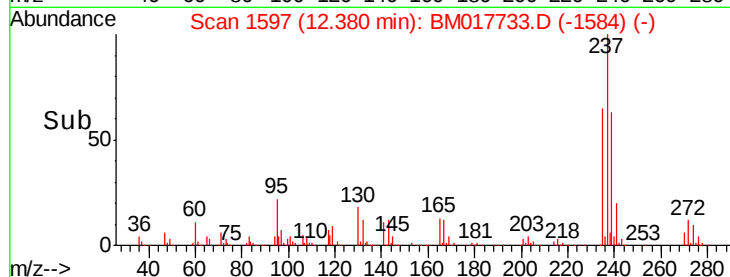
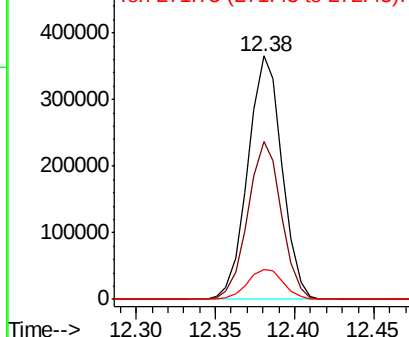
Tot Ion:	237	Resp:	546297
Ion Ratio	Lower	Upper	
237	100		
235	64.6	42.2	82.2
272	12.1	0.0	32.6

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM



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



#42

2,4,6-Tribromophenol

Concen: 88.816 ng

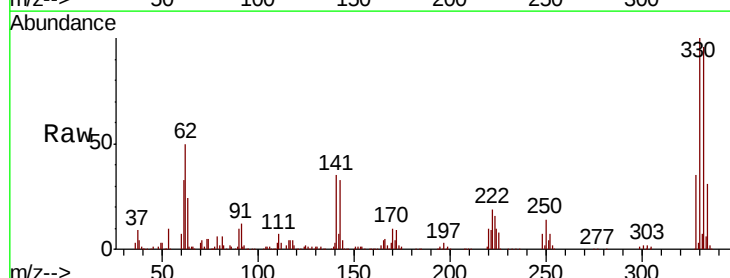
RT: 15.74 min Scan# 2169

Delta R.T. -0.02 min

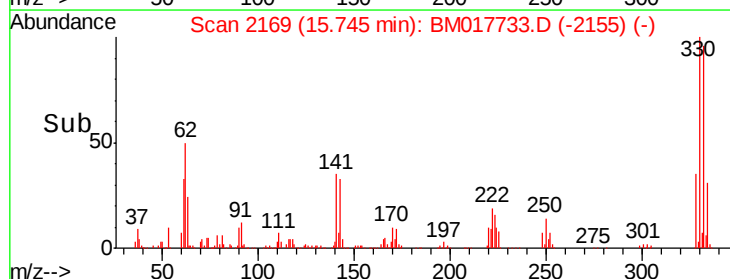
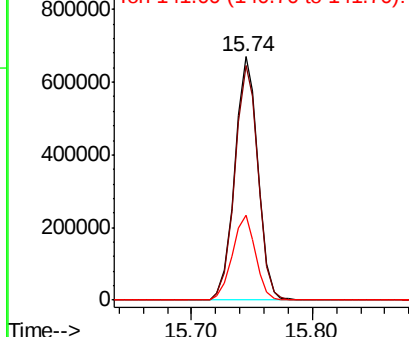
Lab File: BM017733.D

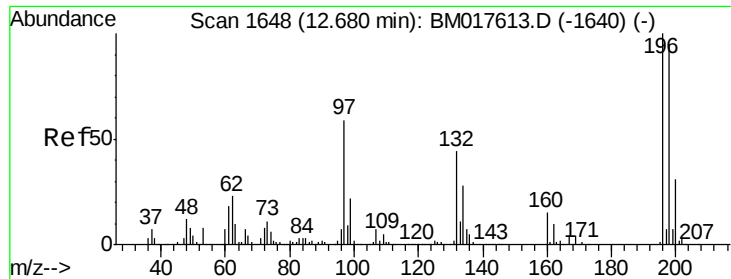
Acq: 21 Nov 2018 16:21

Tgt Ion:	330	Resp:	896577
Ion Ratio	Lower	Upper	
330	100		
332	96.7	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





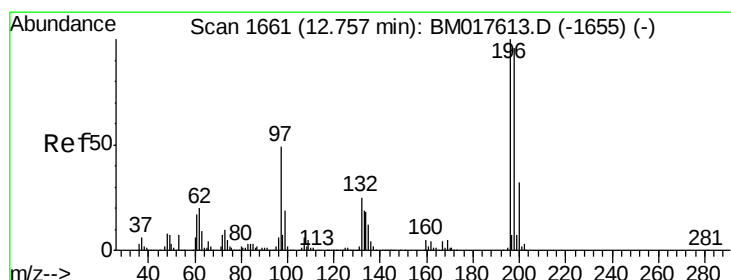
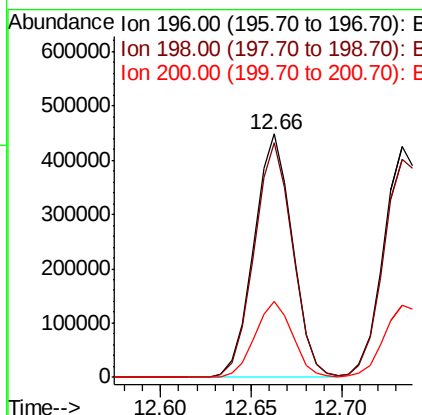
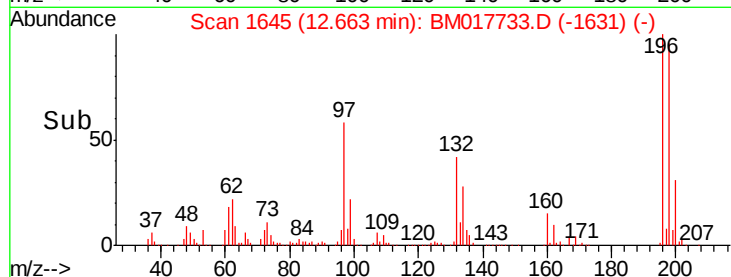
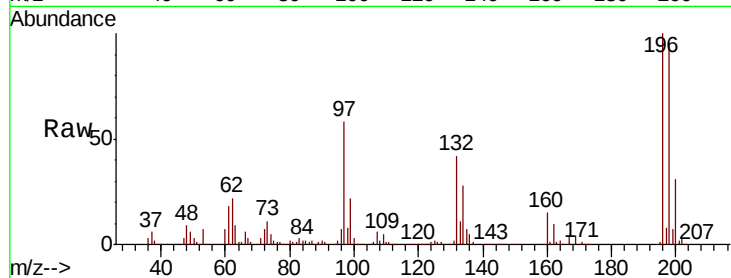
#43
 2,4,6-Trichlorophenol
 Concen: 42.568 ng
 RT: 12.66 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.6	113.4
200	31.3	24.8	37.2

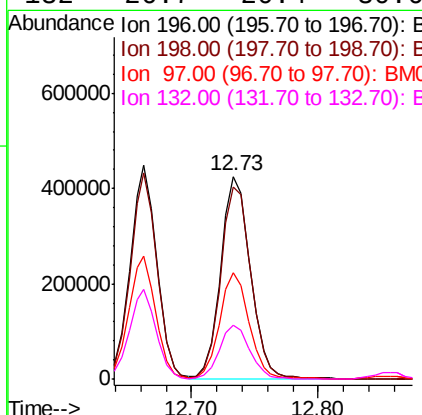
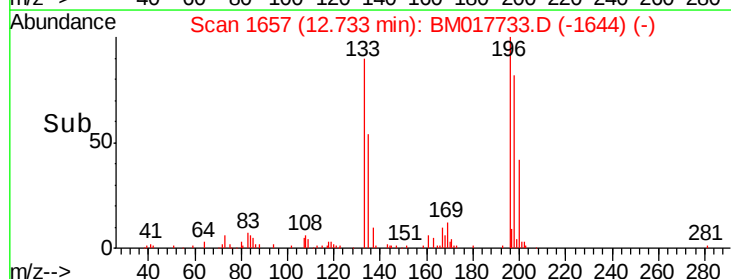
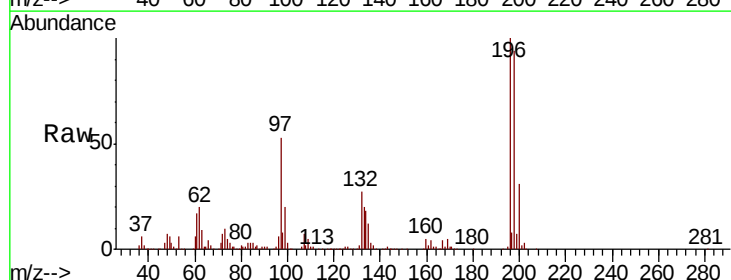
Manual Integrations
 APPROVED

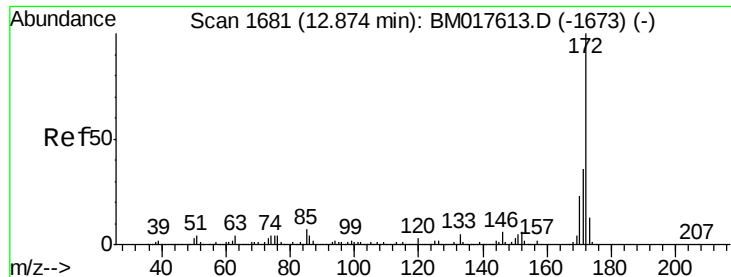
mohammad
 11/23/2018 11:51:15 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.945 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.8	115.2
97	52.5	39.0	58.6
132	26.7	20.4	30.6





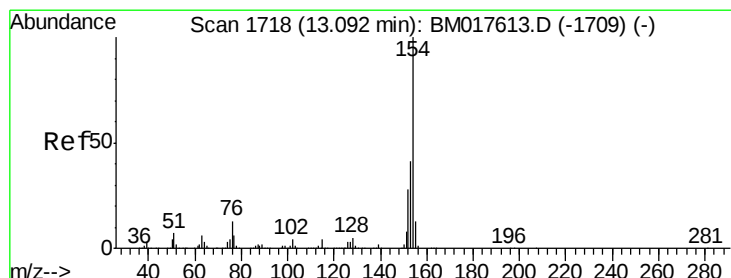
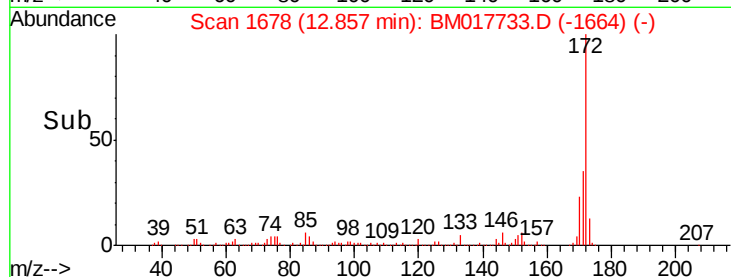
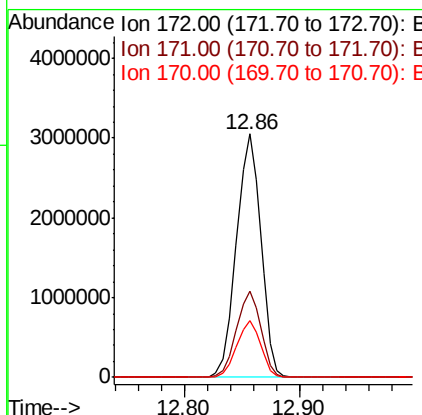
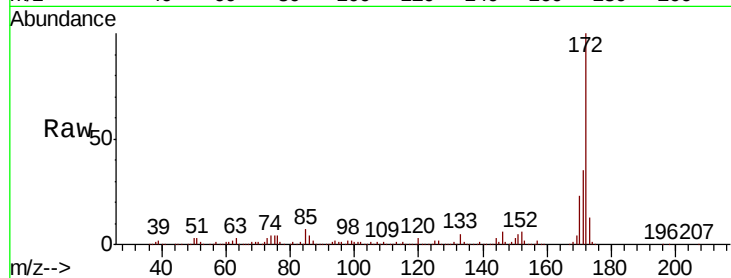
#45
2-Fluorobiphenyl
Concen: 82.729 ng
RT: 12.86 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	23.1	18.3	27.5

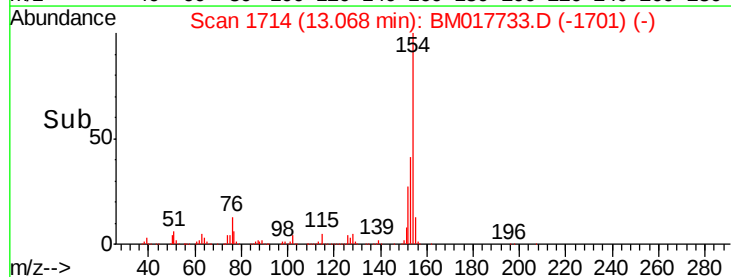
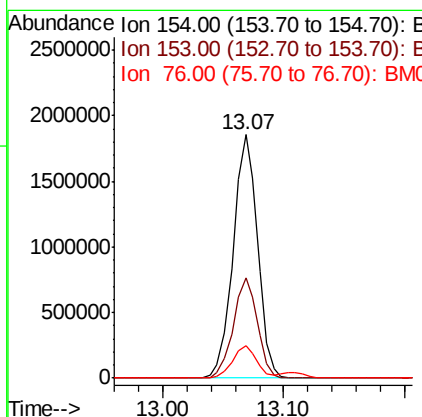
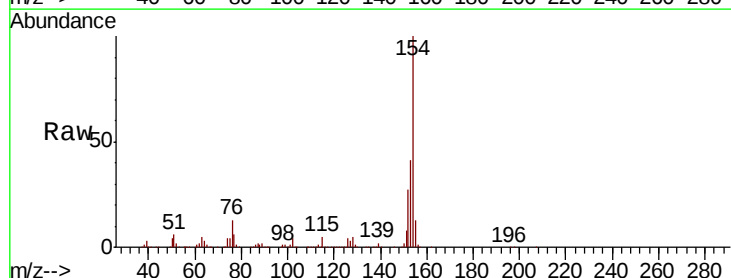
Manual Integrations
APPROVED

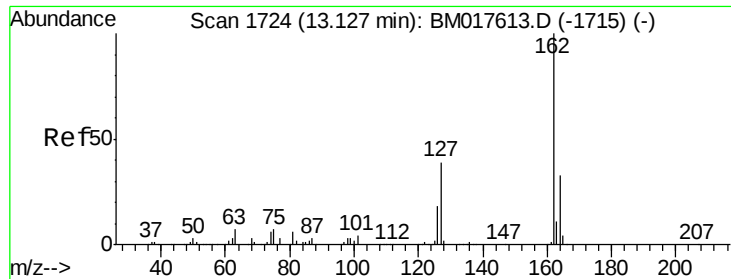
mohammad
11/23/2018 11:51:15 AM



#46
1,1'-Biphenyl
Concen: 41.184 ng
RT: 13.07 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	13.1	0.0	32.8





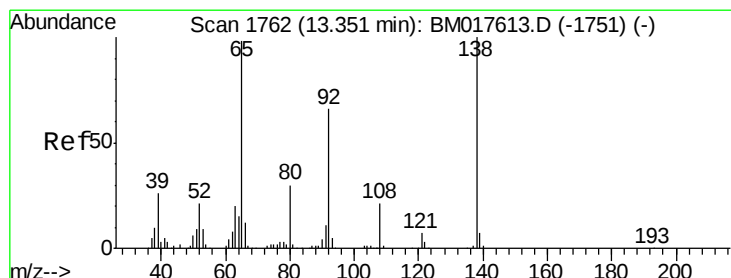
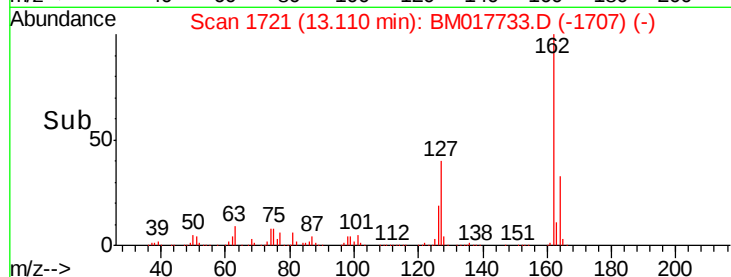
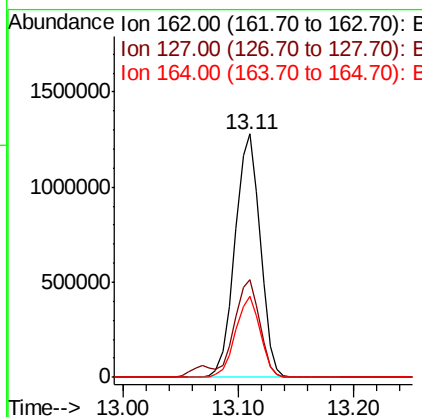
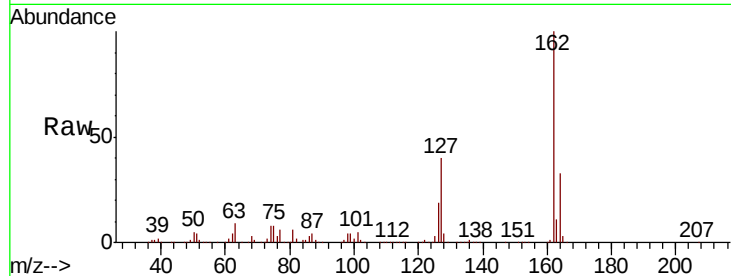
#47
2-Chloronaphthalene
Concen: 41.253 ng
RT: 13.11 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.6	48.8
164	33.2	26.5	39.7

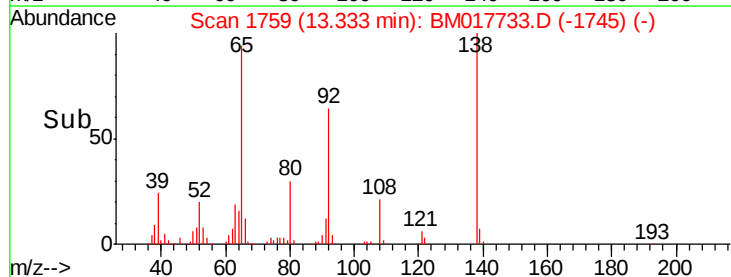
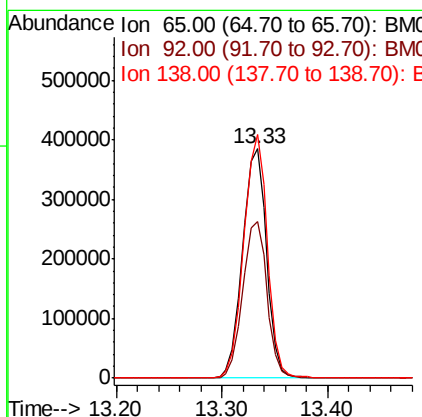
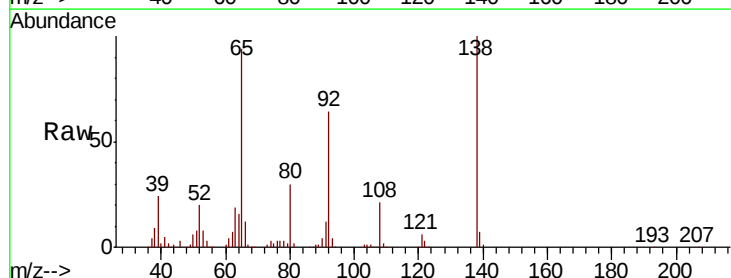
Manual Integrations
APPROVED

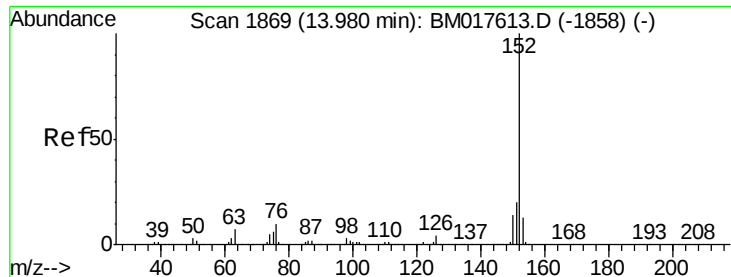
mohammad
11/23/2018 11:51:15 AM



#48
2-Nitroaniline
Concen: 41.995 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.7	80.5
138	106.1	81.5	122.3





#49

Acenaphthylene

Concen: 41.742 ng

RT: 13.96 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2935580

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

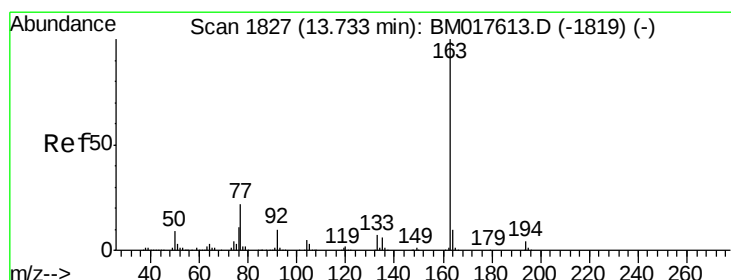
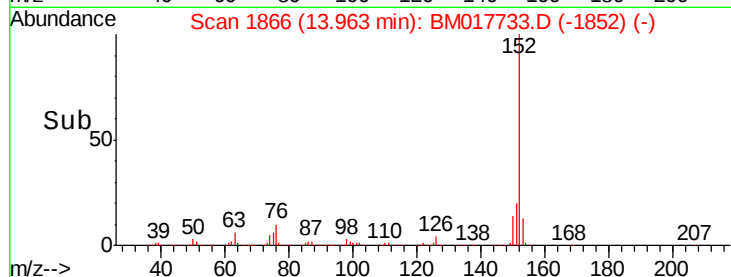
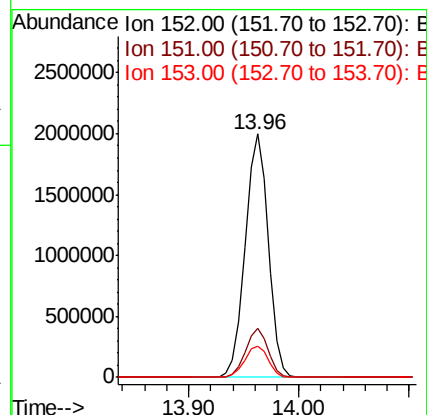
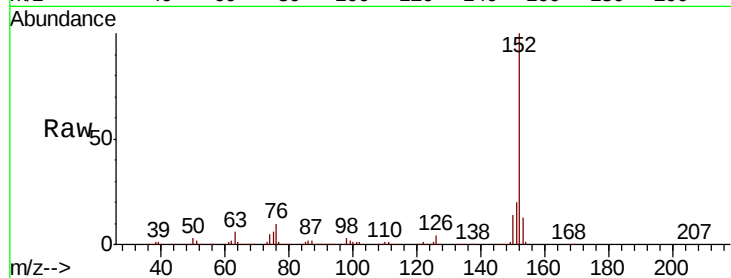
153 12.9 10.5 15.7

Manual Integrations

APPROVED

mohammad

11/23/2018 11:51:15 AM



#50

Dimethylphthalate

Concen: 42.080 ng

RT: 13.72 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

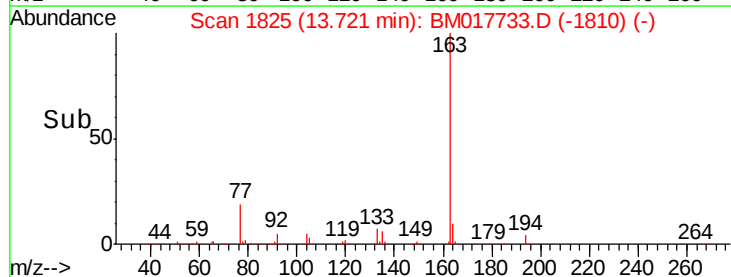
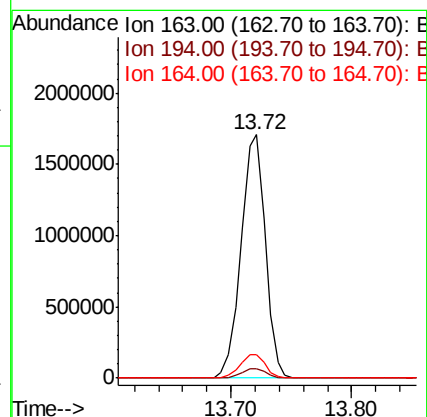
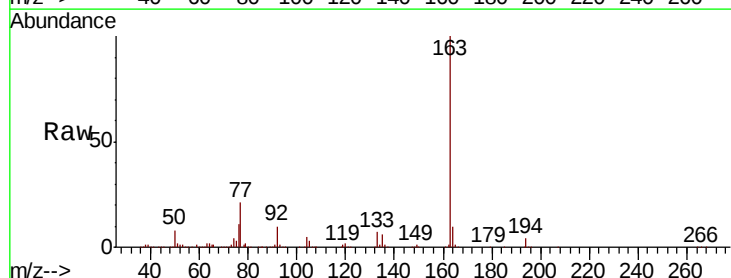
Tgt Ion:163 Resp: 2403642

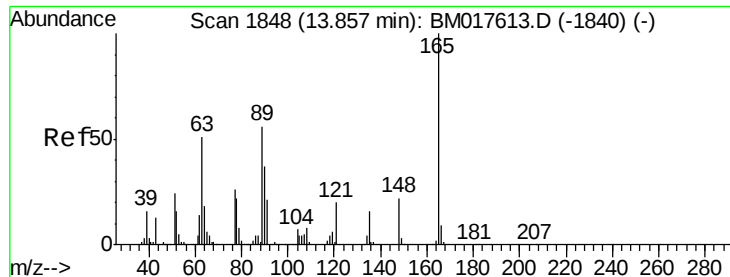
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.8 8.2 12.4





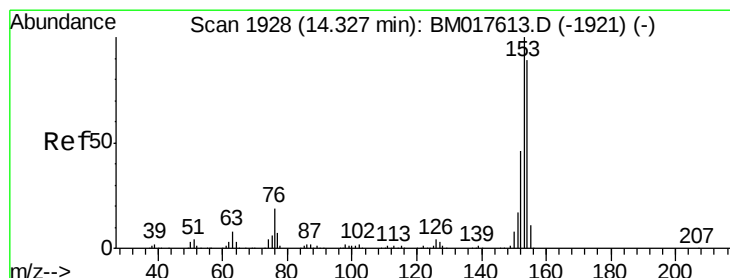
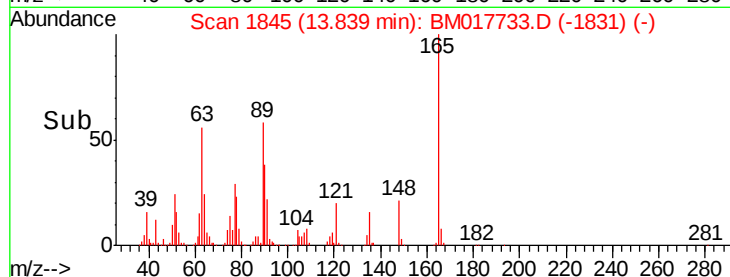
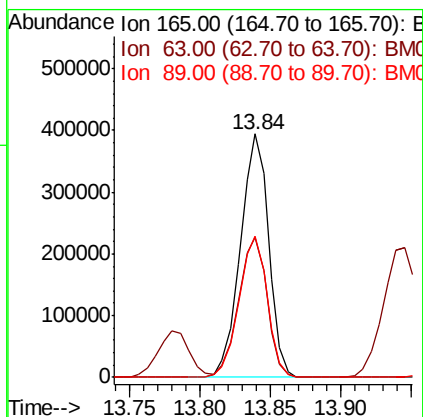
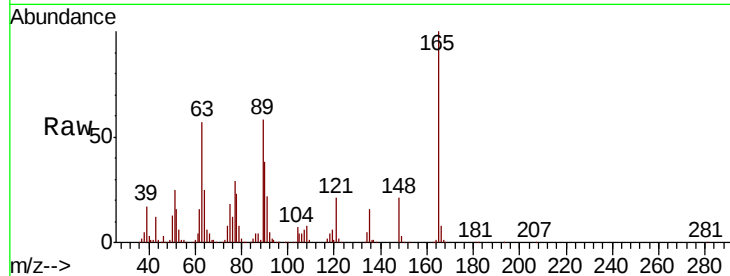
#51
2,6-Dinitrotoluene
Concen: 43.304 ng
RT: 13.84 min Scan# 1845
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.4	47.3	70.9
89	58.0	44.8	67.2

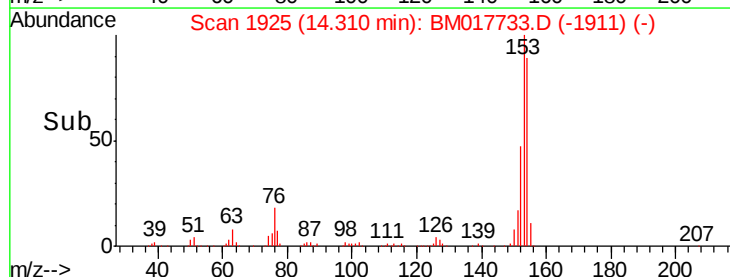
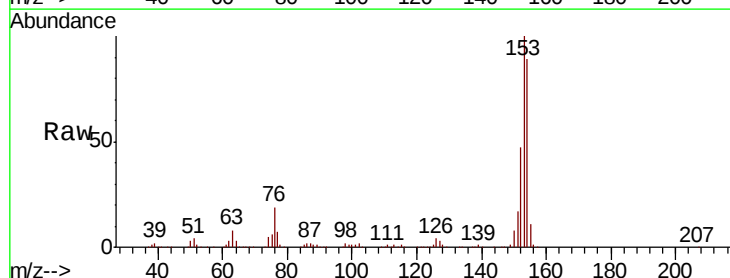
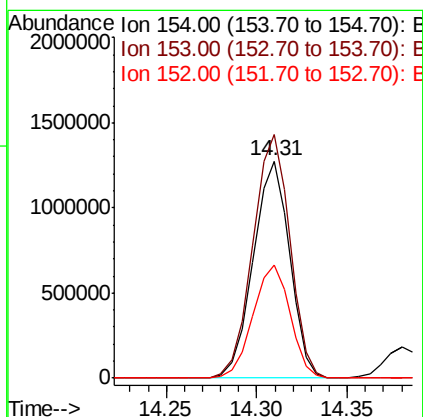
Manual Integrations
APPROVED

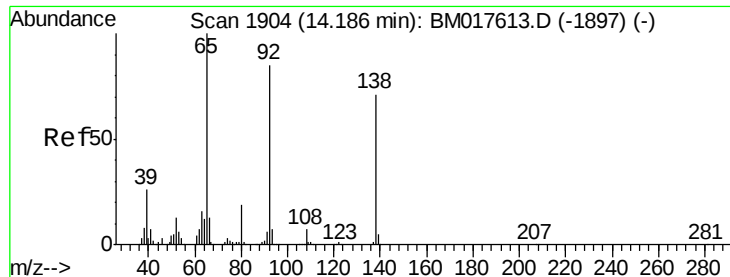
mohammad
11/23/2018 11:51:15 AM



#52
Acenaphthene
Concen: 41.241 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.2	135.4
152	52.3	41.6	62.4





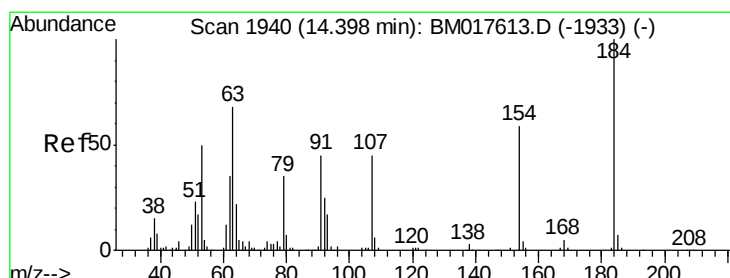
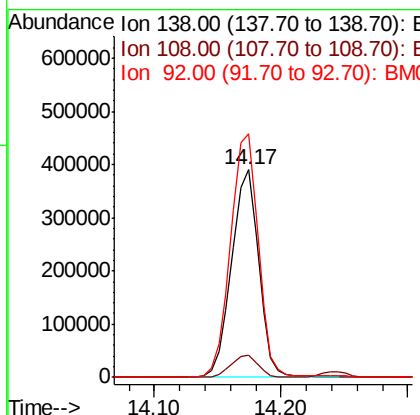
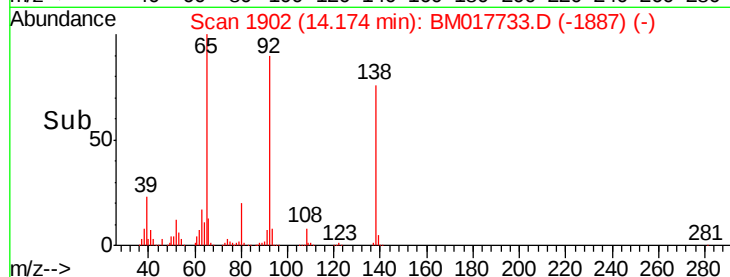
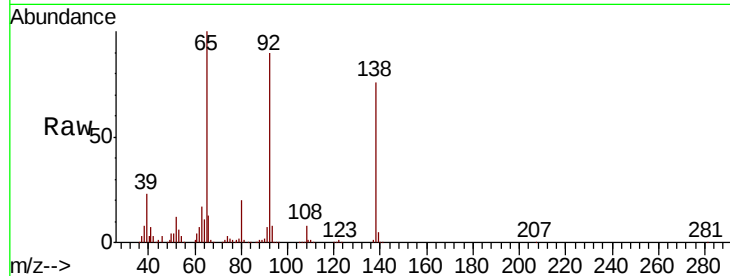
#53
3-Nitroaniline
Concen: 41.859 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.2	12.2
92	117.4	95.4	143.2

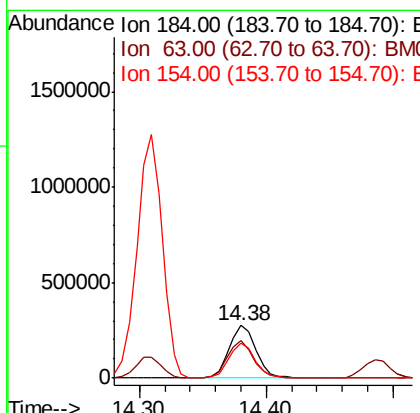
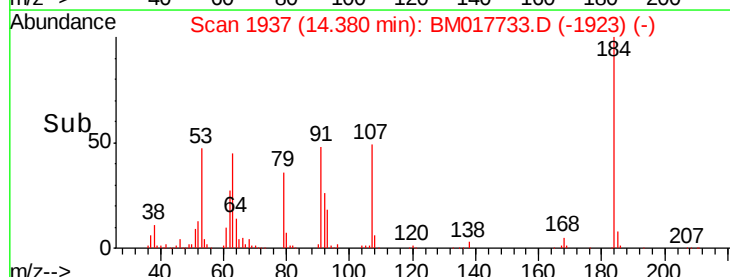
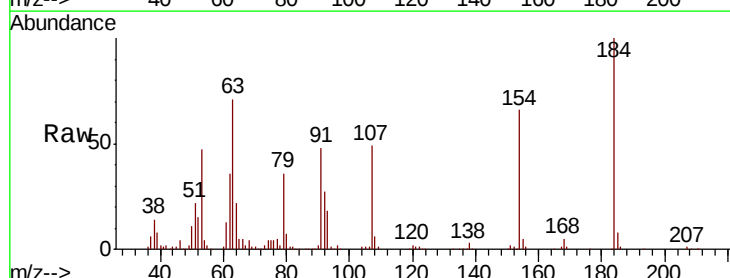
Manual Integrations
APPROVED

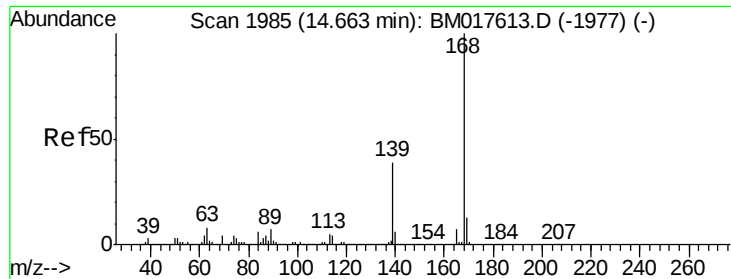
mohammad
11/23/2018 11:51:15 AM



#54
2,4-Dinitrophenol
Concen: 54.627 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.7	55.1	82.7
154	66.0	51.3	76.9





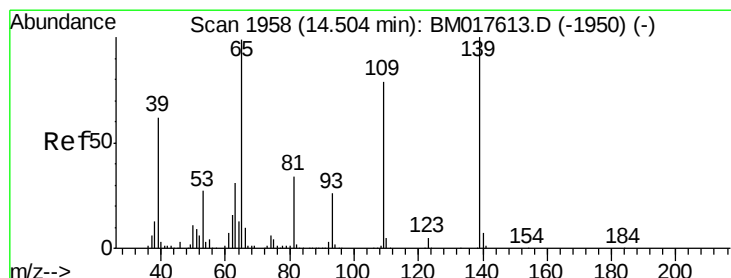
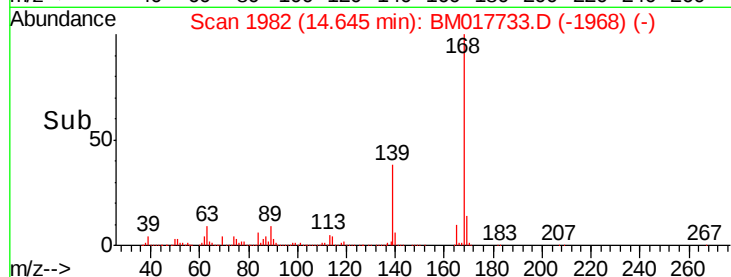
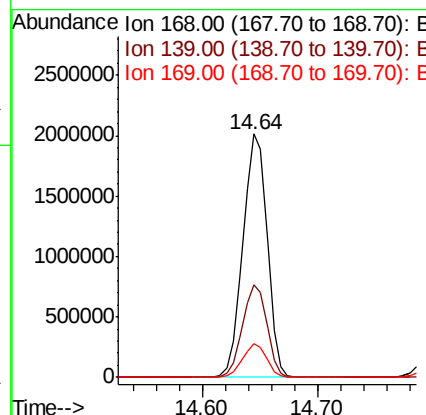
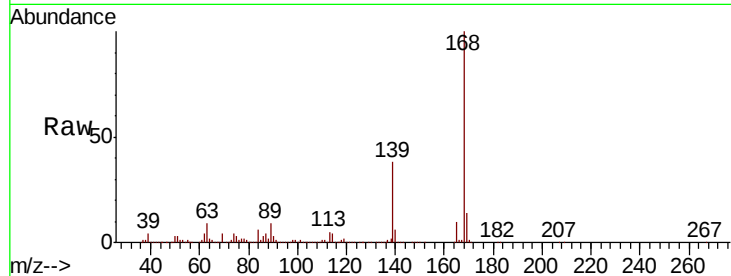
#55
Dibenzofuran
Concen: 41.569 ng
RT: 14.64 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.0	46.6
169	13.6	10.6	16.0

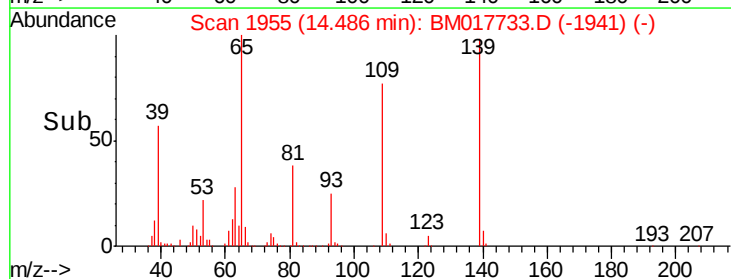
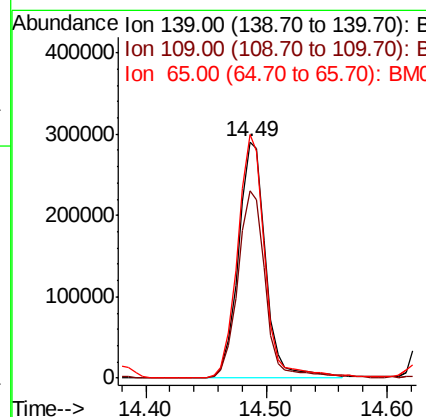
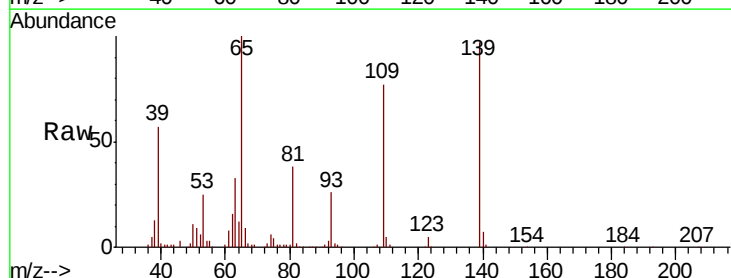
Manual Integrations
APPROVED

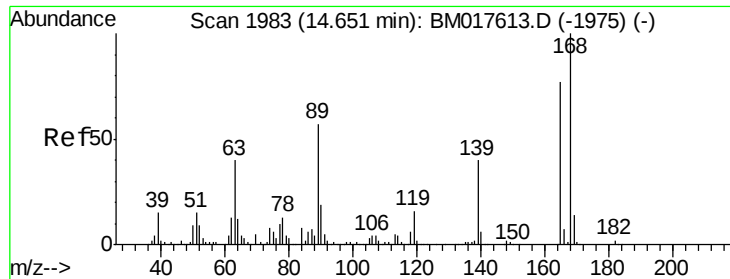
mohammad
11/23/2018 11:51:15 AM



#56
4-Nitrophenol
Concen: 41.845 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.1	58.6	98.6
65	102.9	79.5	119.5





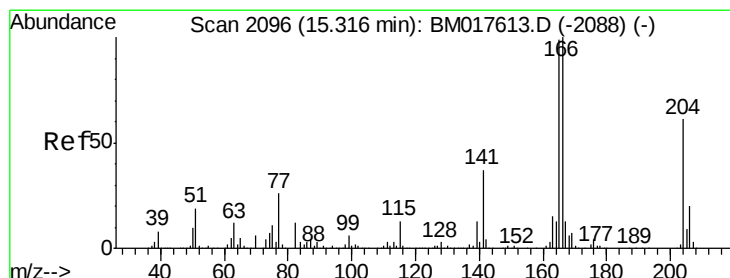
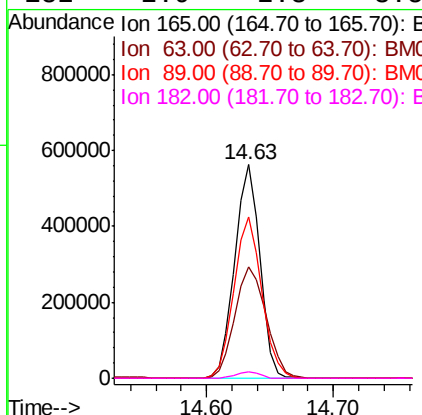
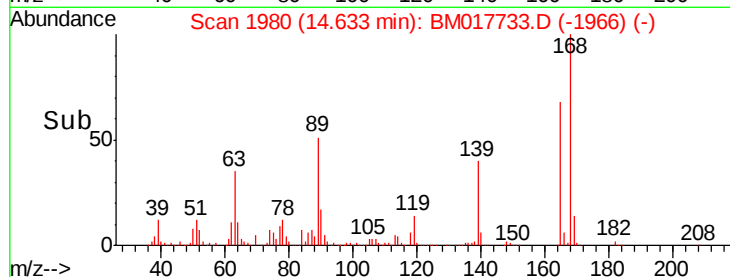
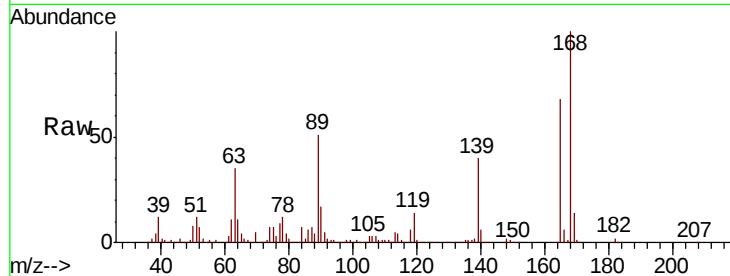
#57
2,4-Dinitrotoluene
Concen: 44.902 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	769875		
63	52.4	41.8	62.8	
89	75.7	59.5	89.3	
182	2.9	2.3	3.5	

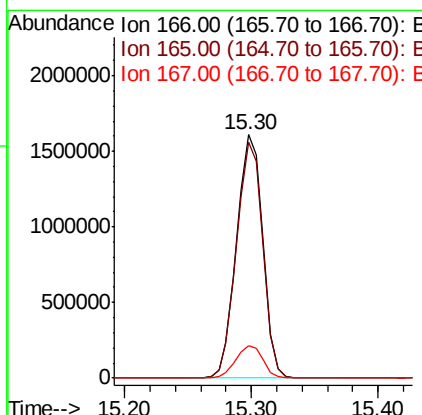
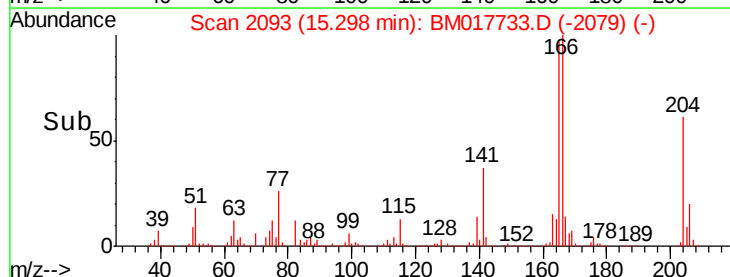
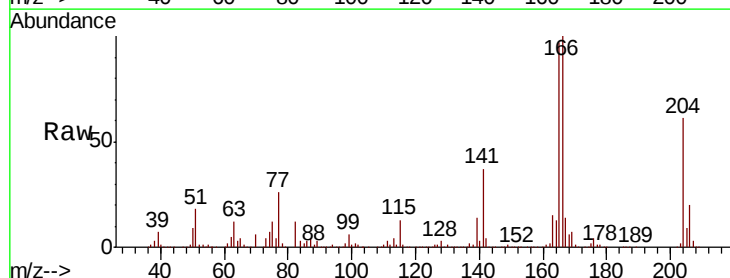
Manual Integrations
APPROVED

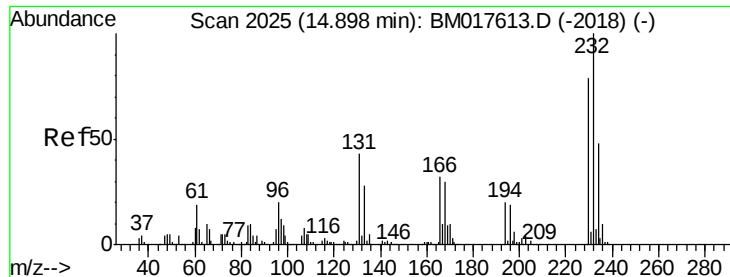
mohammad
11/23/2018 11:51:15 AM



#58
Fluorene
Concen: 42.527 ng
RT: 15.30 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2296268		
165	97.1	79.0	118.6	
167	13.6	10.8	16.2	





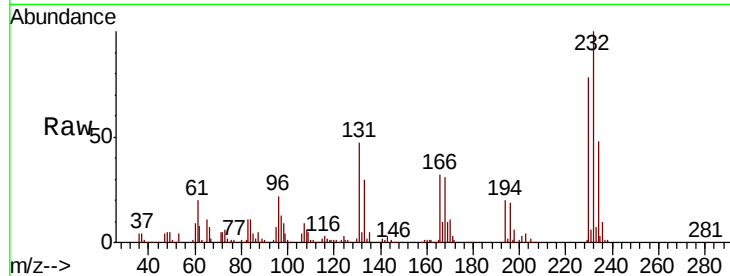
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.954 ng
 RT: 14.87 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

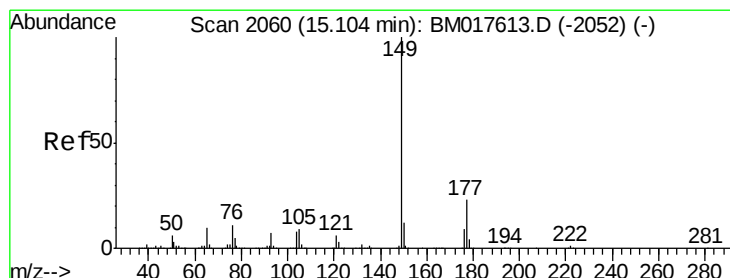
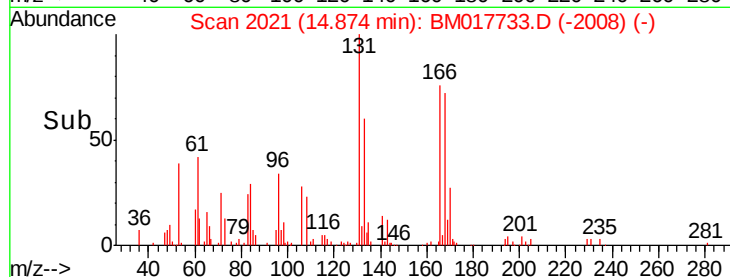
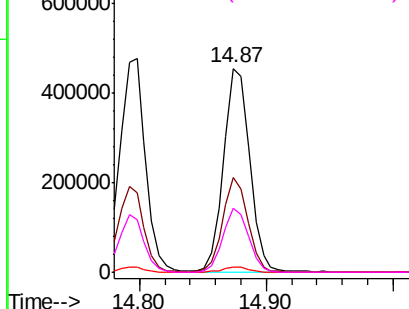
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	34.8	52.2
130	2.4	1.9	2.9
166	30.7	25.3	37.9

Manual Integrations
 APPROVED

mohammad
 11/23/2018 11:51:15 AM

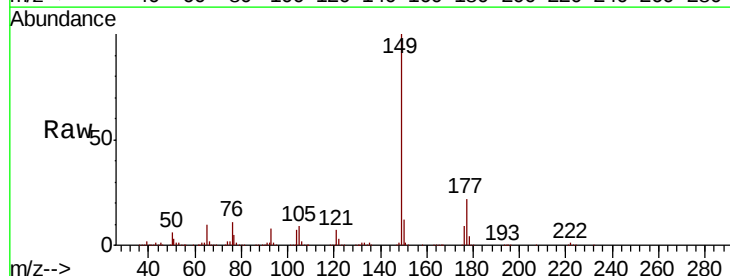


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

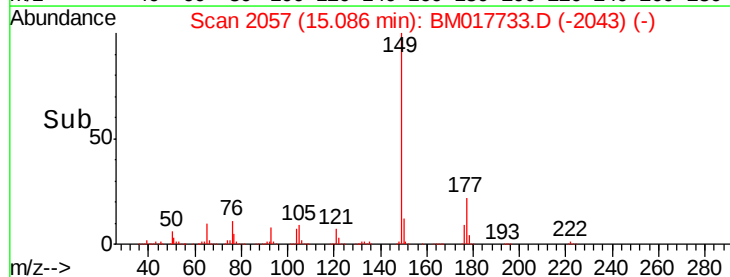
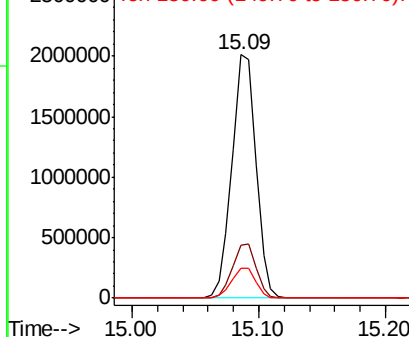


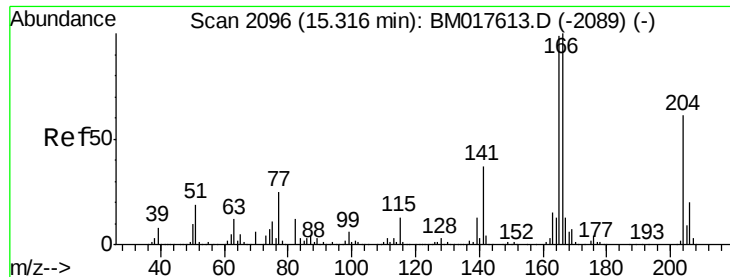
#60
 Diethylphthalate
 Concen: 42.645 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.1	27.1
150	12.5	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





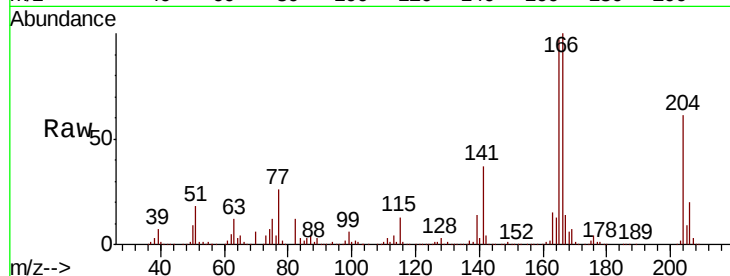
#61
 4-Chlorophenyl-phenylether
 Concen: 42.509 ng
 RT: 15.30 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

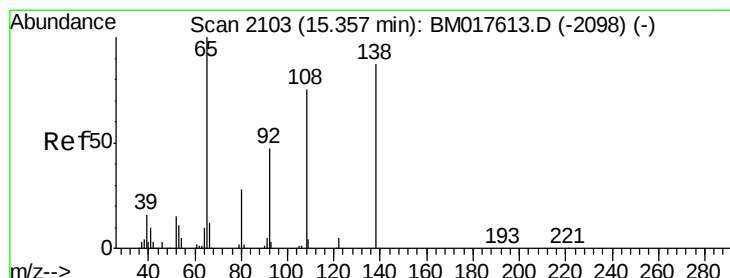
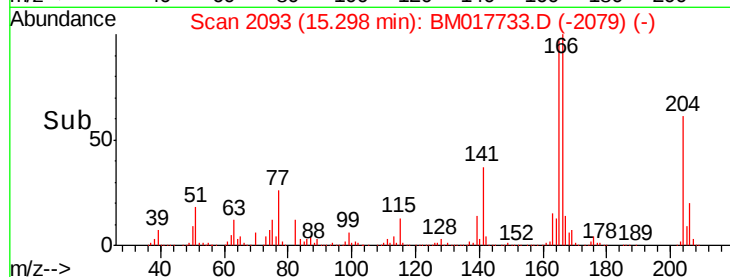
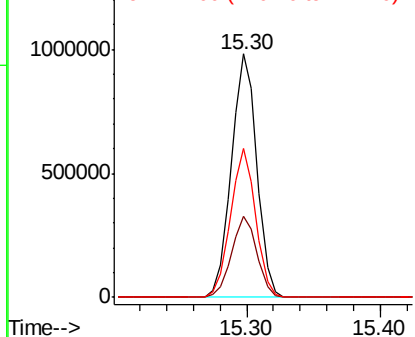
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.9	38.9
141	61.0	47.9	71.9

Manual Integrations
 APPROVED

mohammad
 11/23/2018 11:51:15 AM



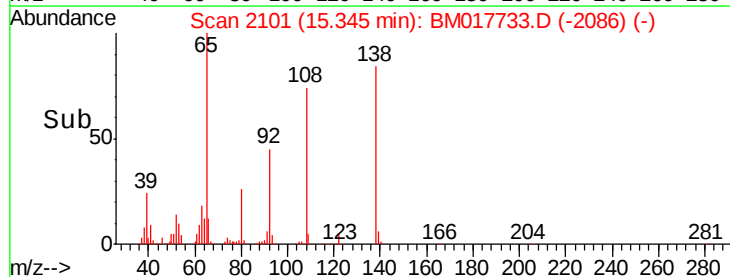
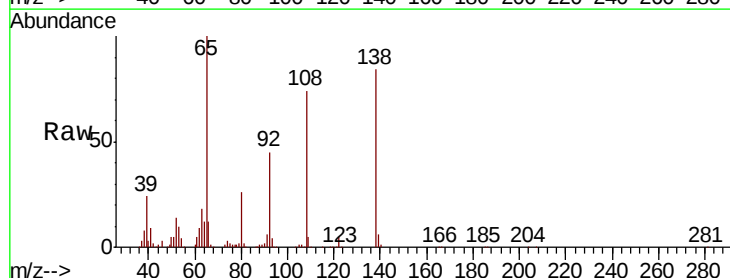
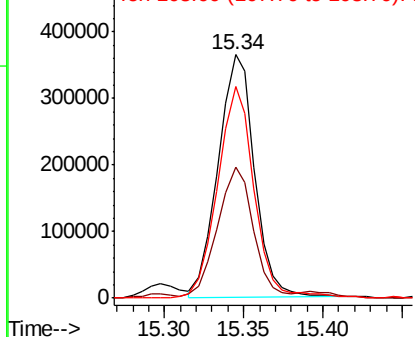
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

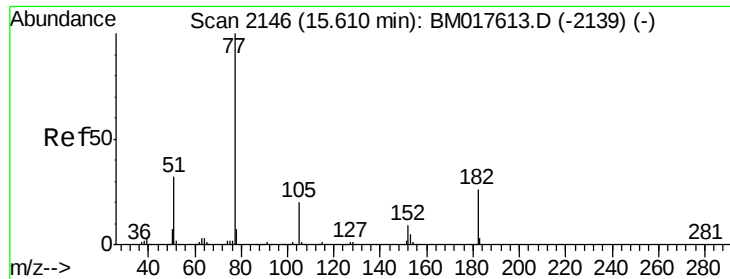


#62
 4-Nitroaniline
 Concen: 44.266 ng
 RT: 15.34 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.6	33.4	73.4
108	87.1	64.3	104.3

Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM
 Ion 108.00 (107.70 to 108.70): E





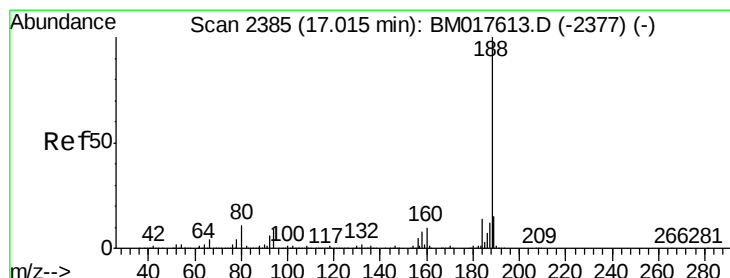
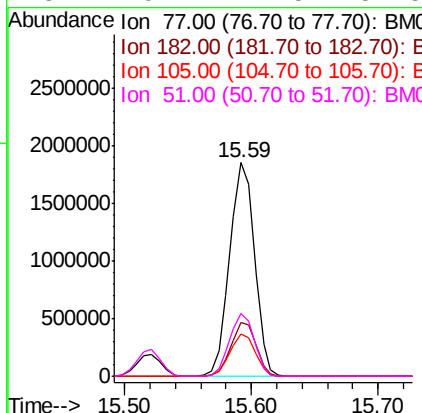
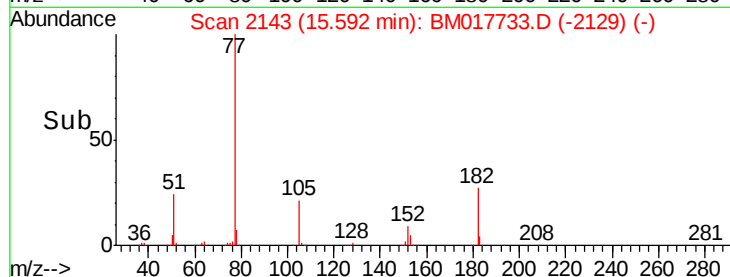
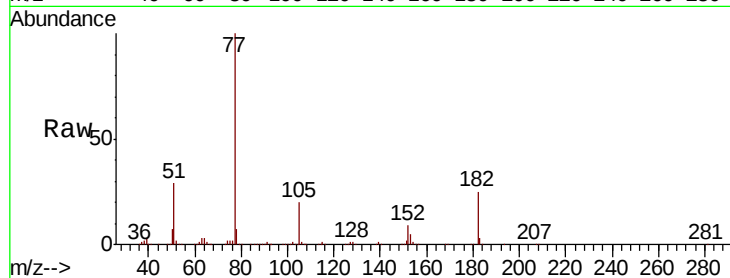
#63
Azobenzene
Concen: 43.960 ng
RT: 15.59 min Scan# 2143
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	2508095
Ion	Ratio	Lower	Upper
77	100		
182	25.1	5.8	45.8
105	19.7	0.0	40.0
51	29.2	12.5	52.5

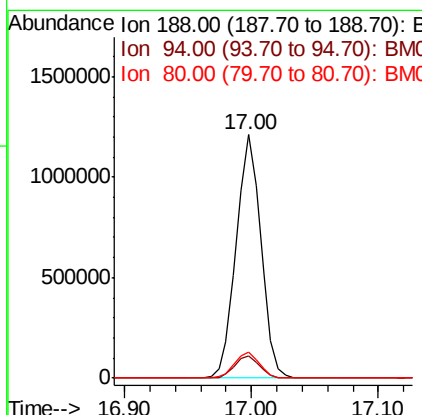
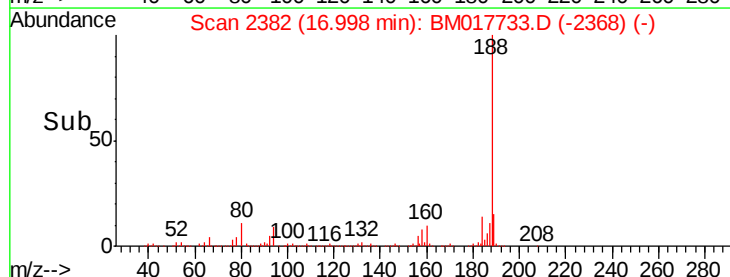
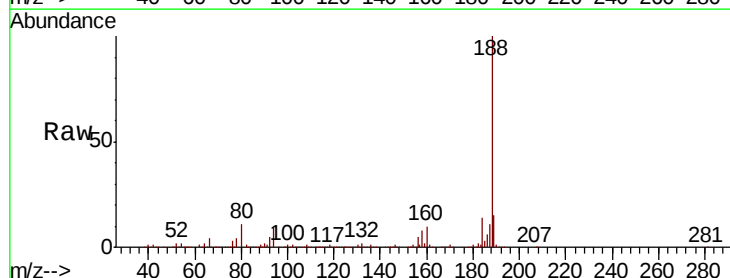
Manual Integrations
APPROVED

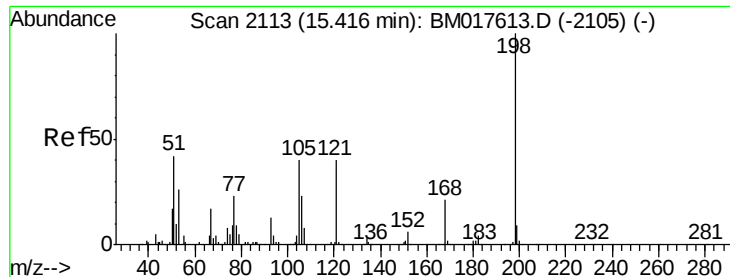
mohammad
11/23/2018 11:51:15 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion:	188	Resp:	1632417
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	10.6	8.6	13.0





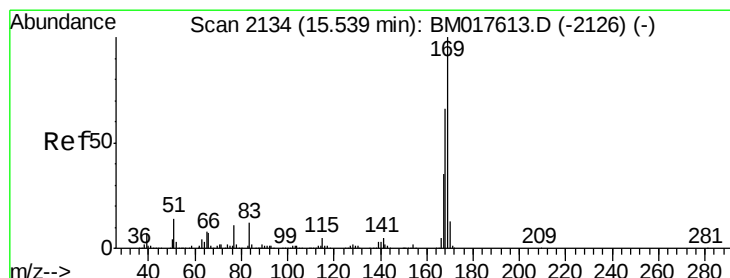
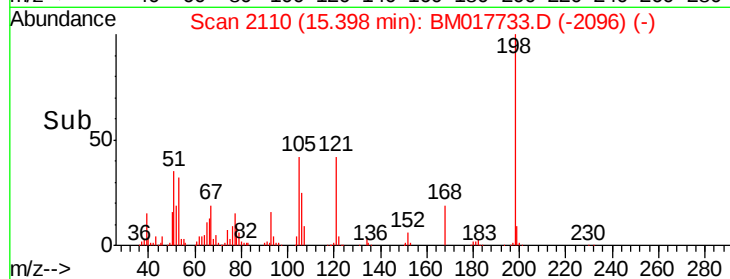
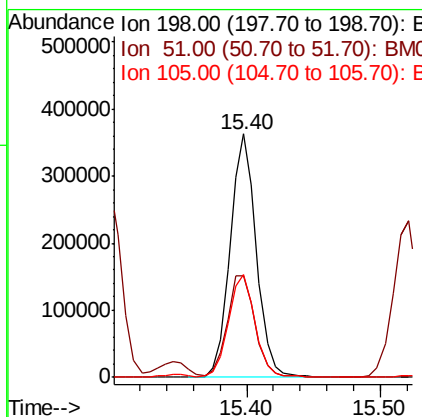
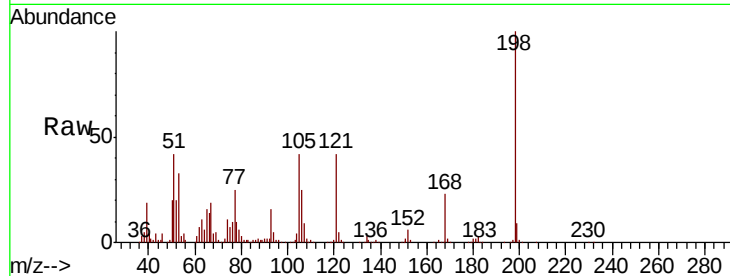
#65
4,6-Dinitro-2-methylphenol
Concen: 43.994 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	497512		
51	41.7	25.9	65.9	
105	42.3	20.6	60.6	

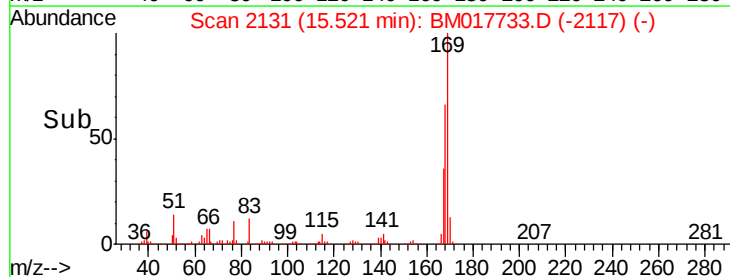
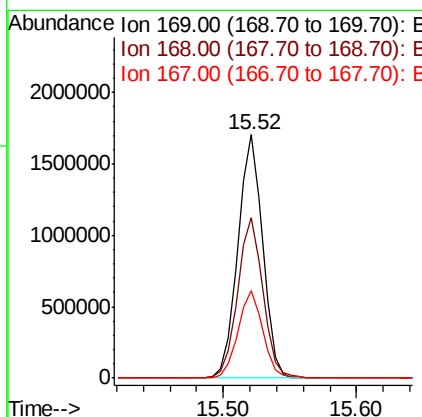
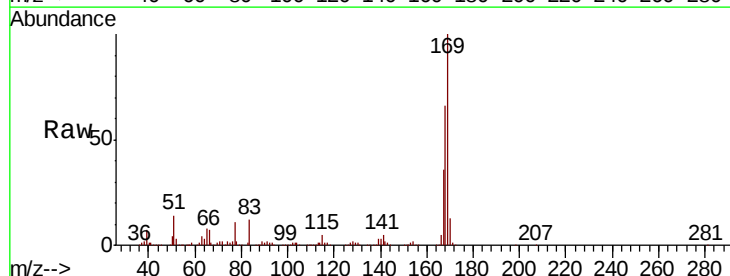
Manual Integrations
APPROVED

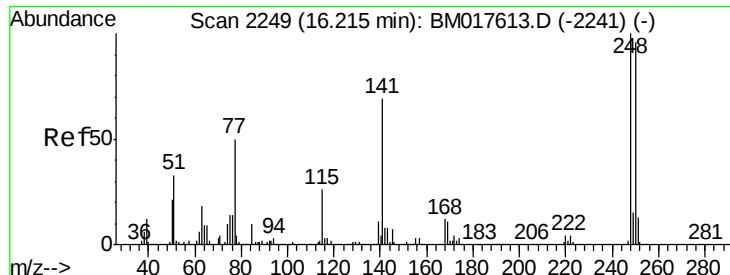
mohammad
11/23/2018 11:51:15 AM



#66
n-Nitrosodiphenylamine
Concen: 41.774 ng
RT: 15.52 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2192451		
168	66.1	53.0	79.6	
167	35.8	28.0	42.0	





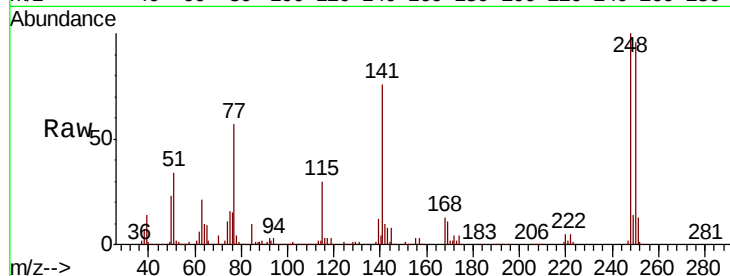
#67
 4-Bromophenyl-phenylether
 Concen: 42.268 ng
 RT: 16.19 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.5	114.7
141	76.1	54.9	82.3

Manual Integrations
 APPROVED

mohammad
 11/23/2018 11:51:15 AM

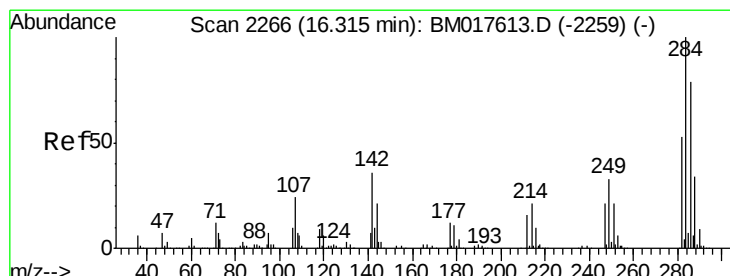
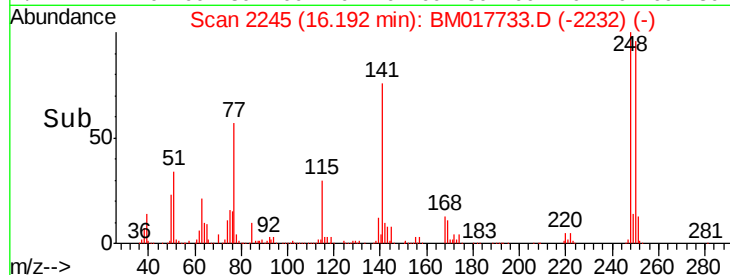
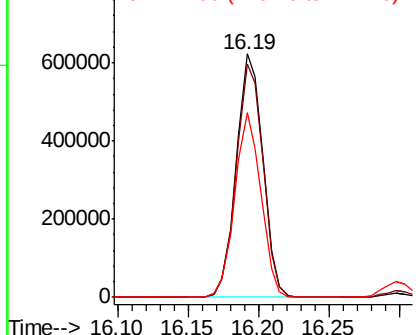


Abundance

Ion 248.00 (247.70 to 248.70): E

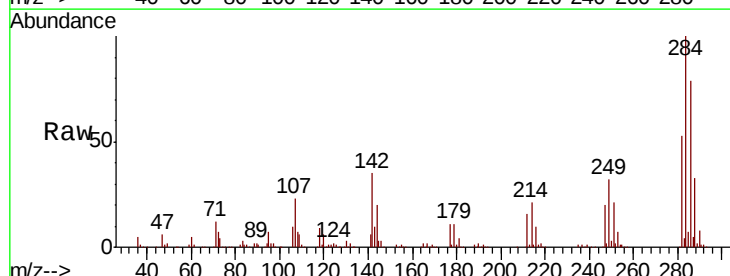
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.147 ng
 RT: 16.30 min Scan# 2263
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.4	42.6
249	31.9	26.4	39.6

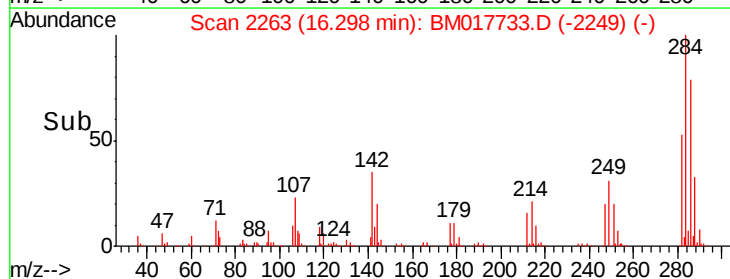
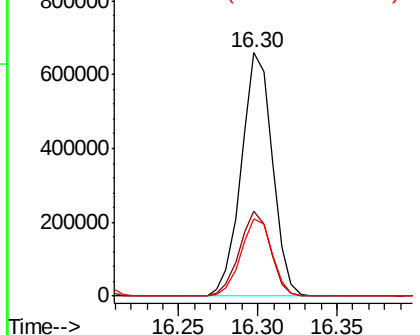


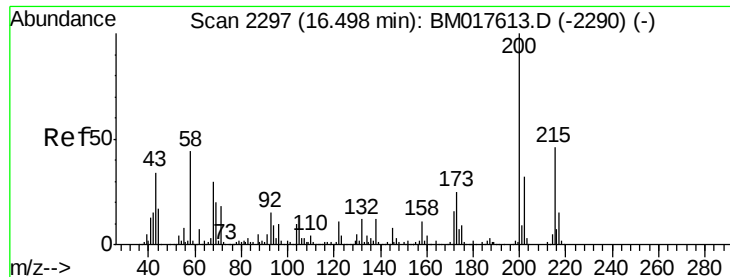
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.957 ng

RT: 16.49 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Instrument :

BNA_M

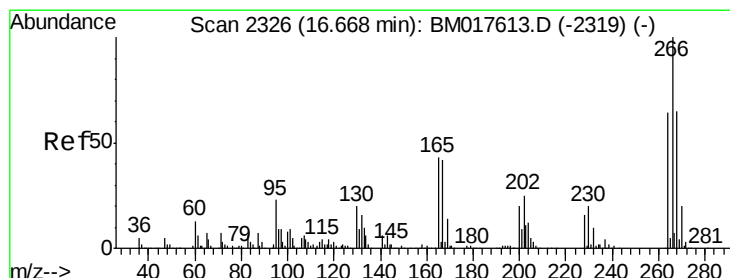
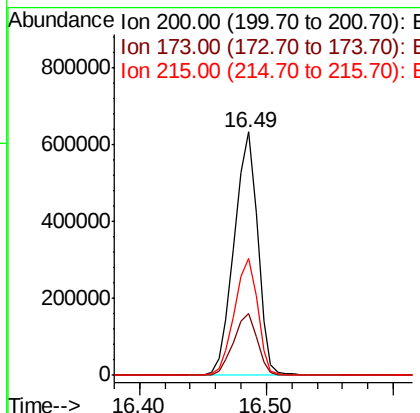
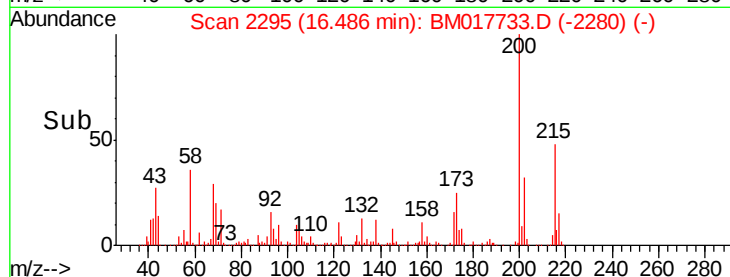
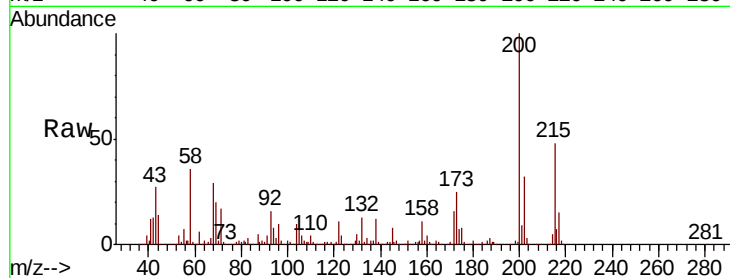
ClientSampleId :

SSTDCCC040

Tot Ion:	200	Resp:	809930
Ion Ratio	Lower	Upper	
200	100		
173	25.5	5.1	45.1
215	48.1	25.8	65.8

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM



#70

Pentachlorophenol

Concen: 42.642 ng

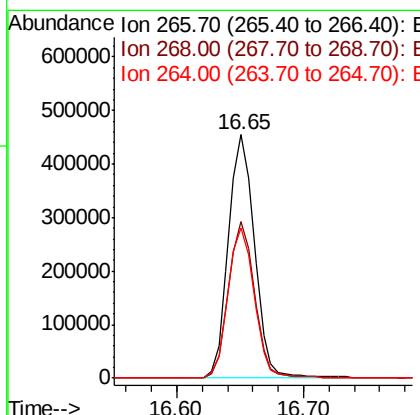
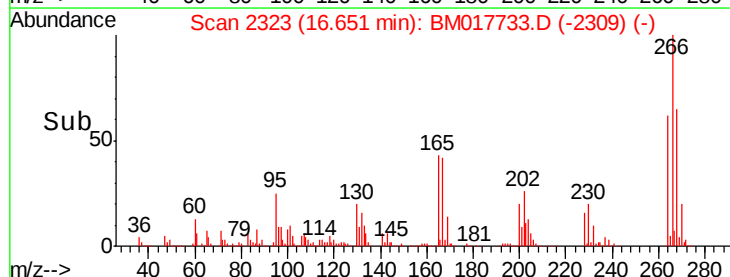
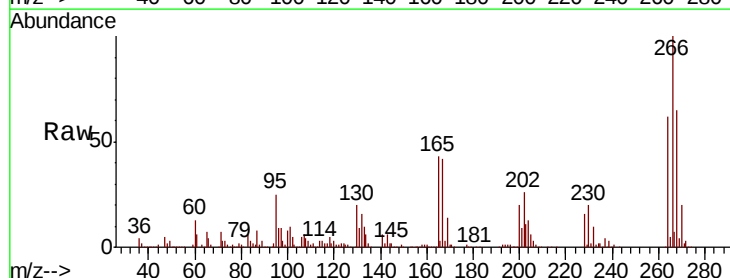
RT: 16.65 min Scan# 2323

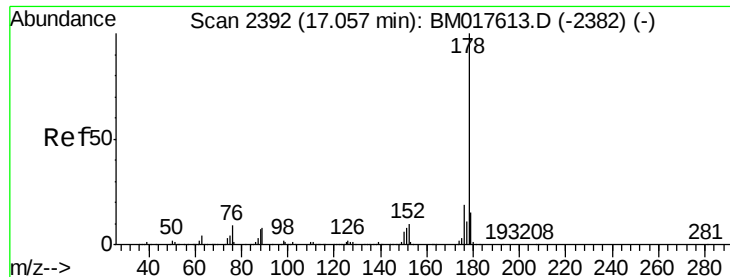
Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Tgt Ion:	266	Resp:	650288
Ion Ratio	Lower	Upper	
266	100		
268	64.5	51.7	77.5
264	61.7	51.3	76.9





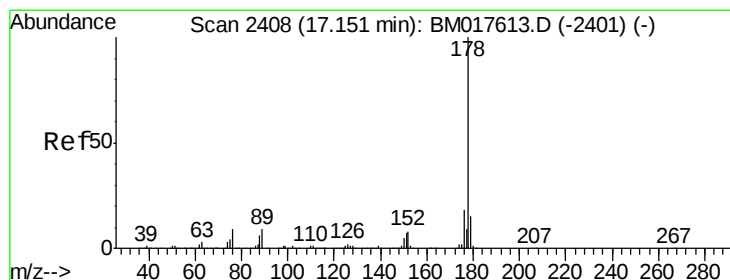
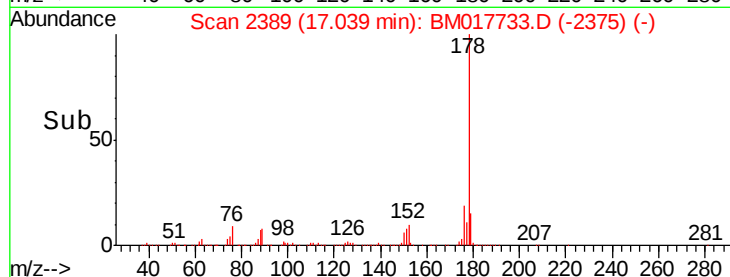
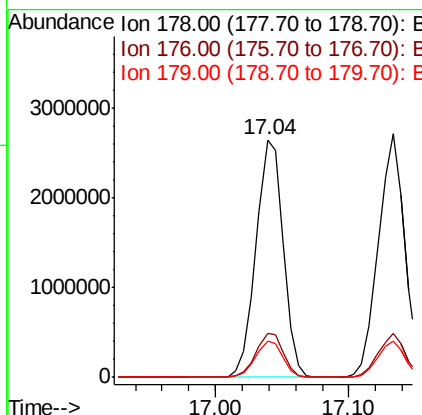
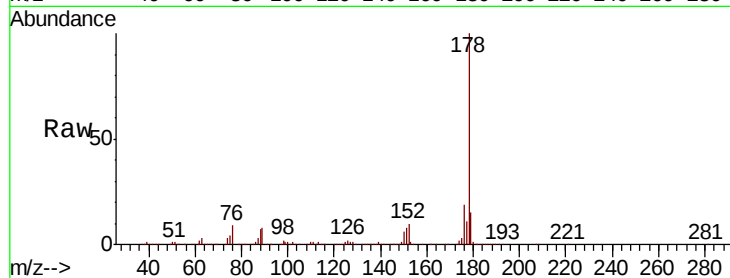
#71
Phenanthrene
Concen: 41.756 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.2	12.4	18.6

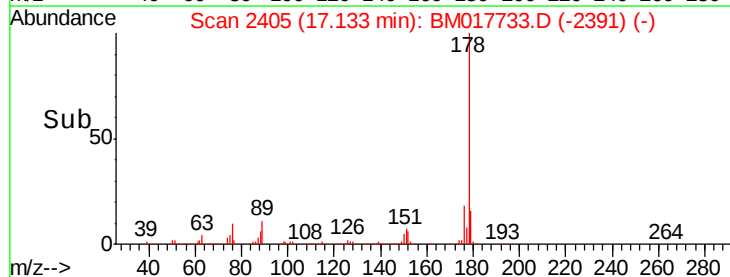
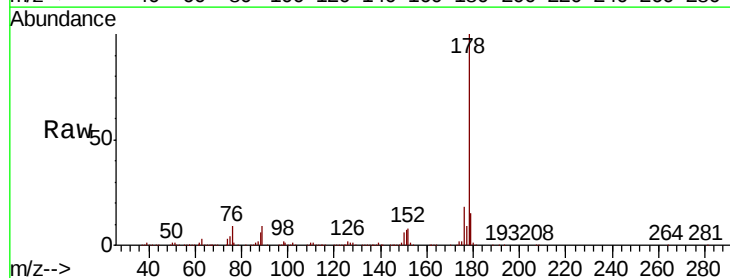
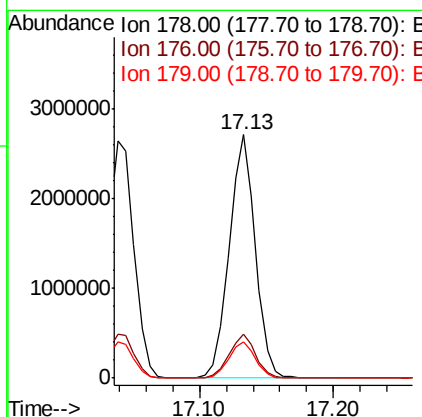
Manual Integrations
APPROVED

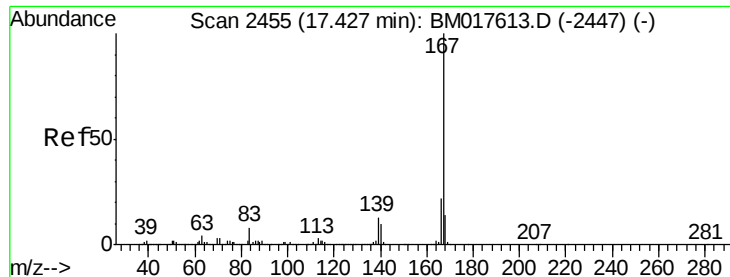
mohammad
11/23/2018 11:51:15 AM



#72
Anthracene
Concen: 42.762 ng
RT: 17.13 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.1	12.3	18.5





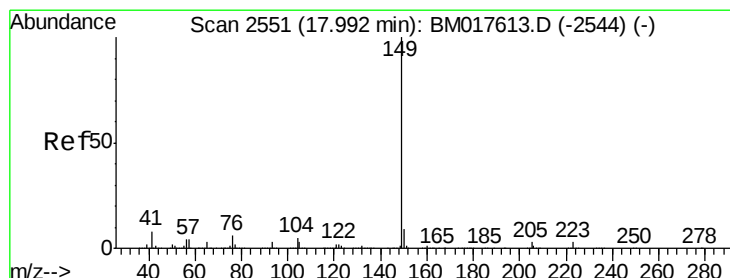
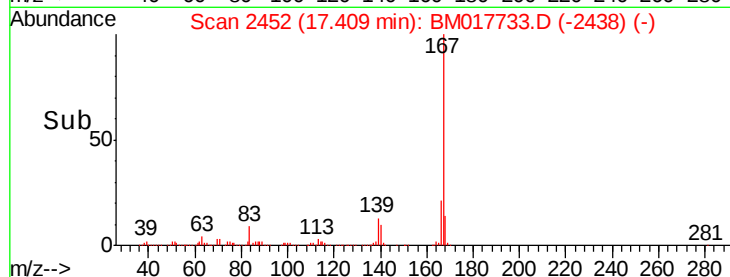
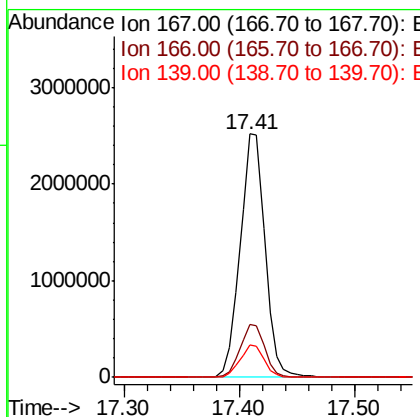
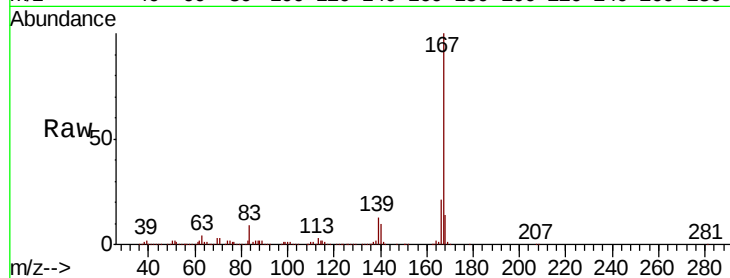
#73
 Carbazole
 Concen: 43.325 ng
 RT: 17.41 min Scan# 2452
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	13.1	10.2	15.4

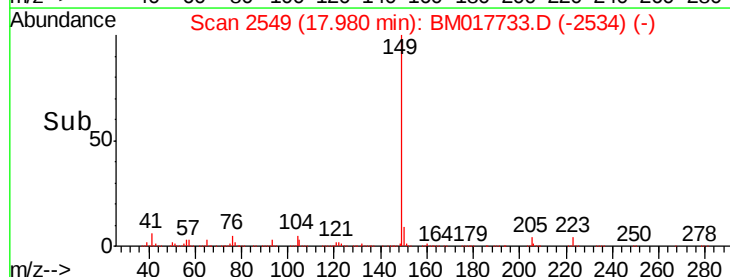
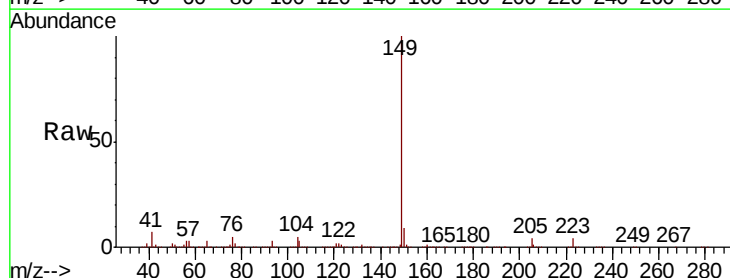
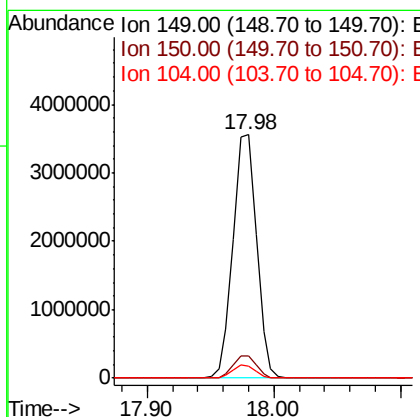
Manual Integrations
 APPROVED

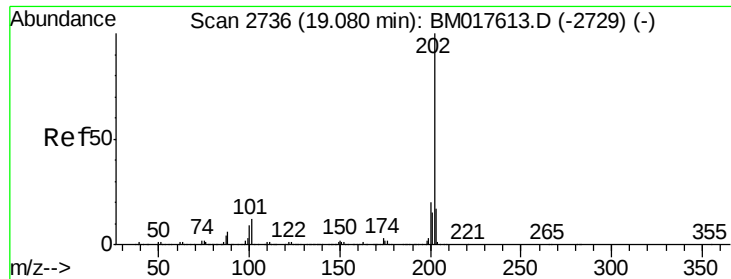
mohammad
 11/23/2018 11:51:15 AM



#74
 Di-n-butylphthalate
 Concen: 47.077 ng
 RT: 17.98 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 42.425 ng

RT: 19.06 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Instrument :

BNA_M

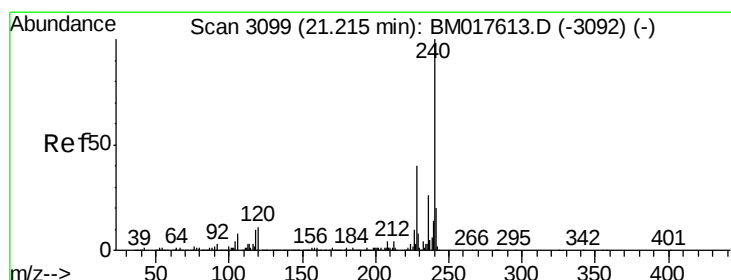
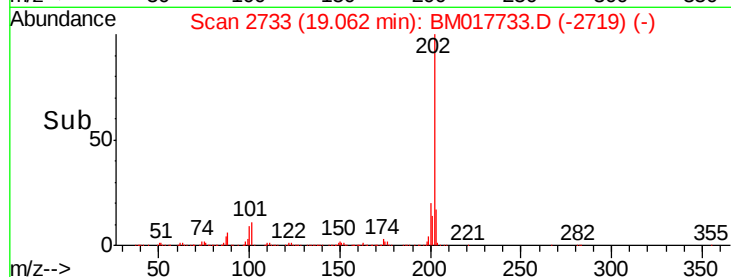
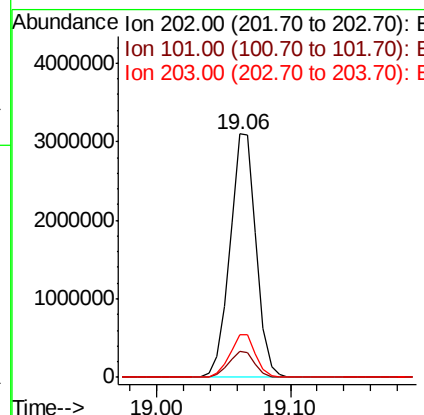
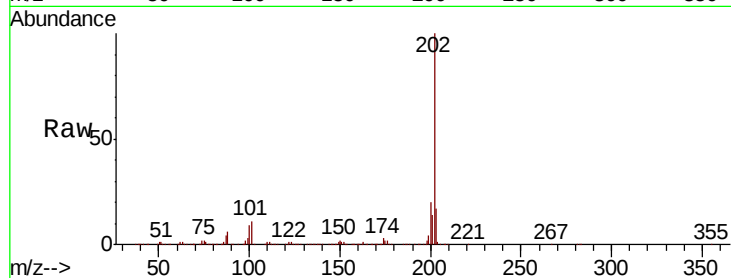
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.5
203	17.4	0.0	37.2

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM



#76

Chrysene-d12

Concen: 20.000 ng

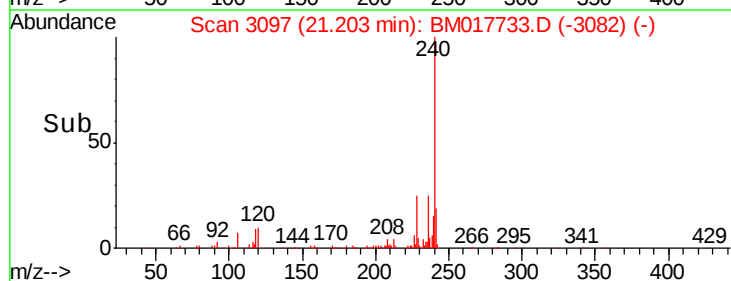
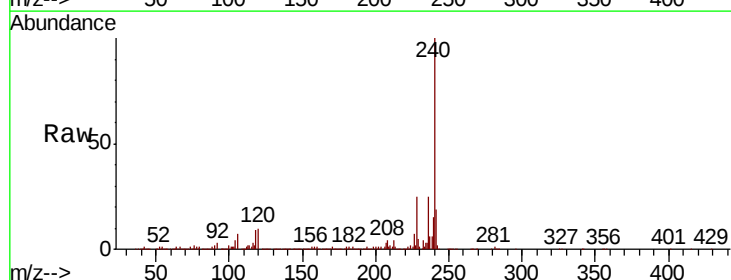
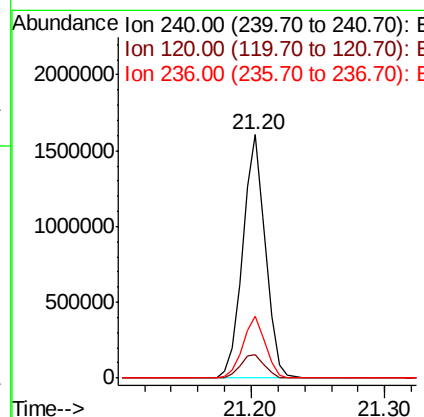
RT: 21.20 min Scan# 3097

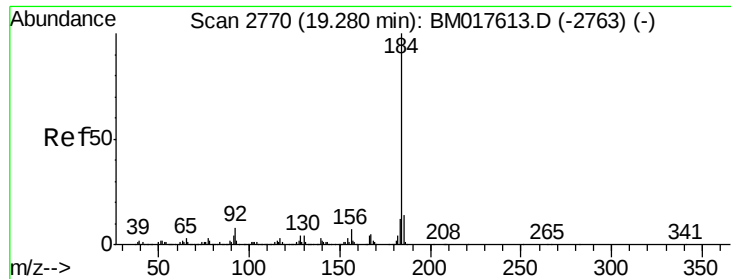
Delta R.T. -0.01 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.5	12.7
236	25.5	20.4	30.6





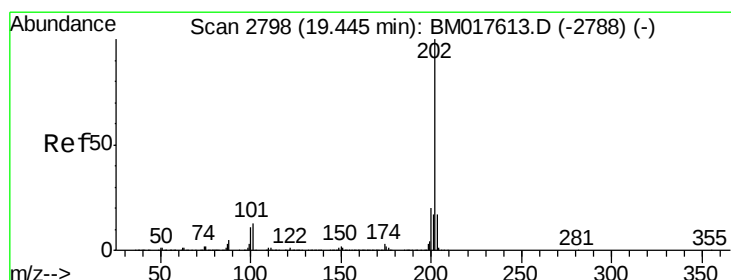
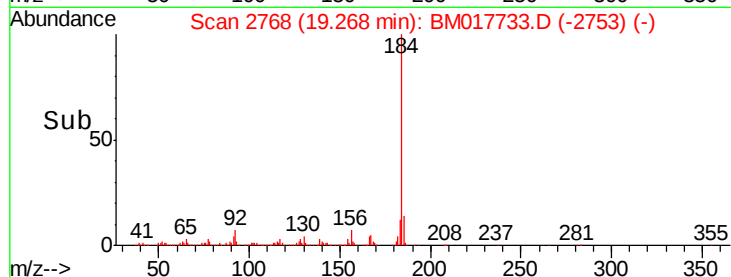
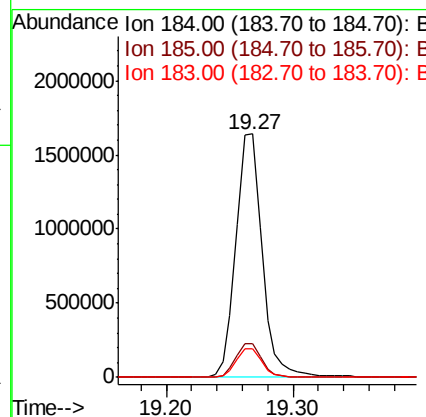
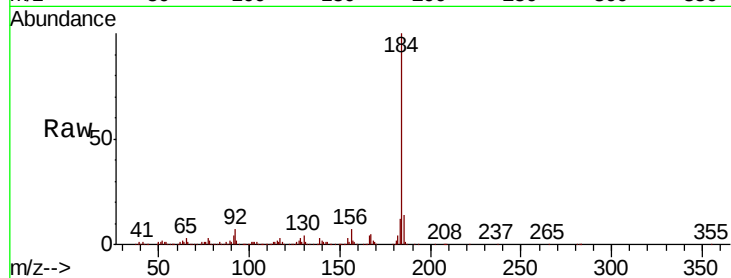
#77
Benzidine
Concen: 38.546 ng
RT: 19.27 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 2352169
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 11.7 9.5 14.3

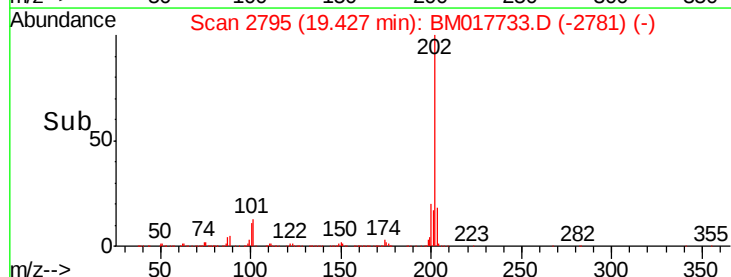
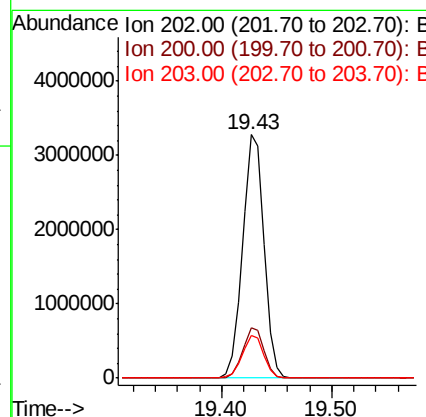
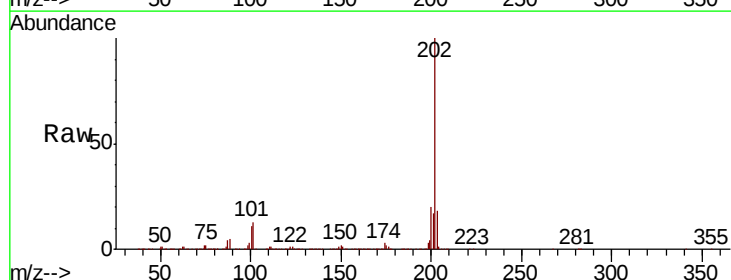
Manual Integrations
APPROVED

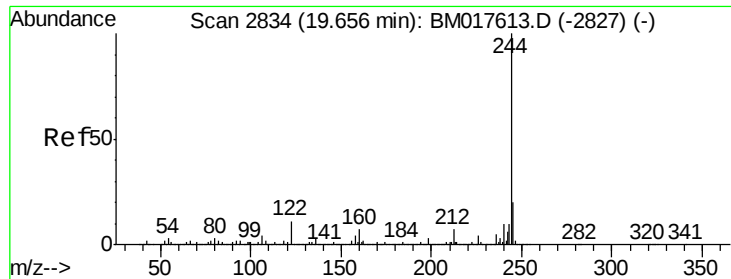
mohammad
11/23/2018 11:51:15 AM



#78
Pyrene
Concen: 38.722 ng
RT: 19.43 min Scan# 2795
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion:202 Resp: 4477175
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 17.7 13.8 20.8





#79
 Terphenyl-d14
 Concen: 79.181 ng
 RT: 19.64 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

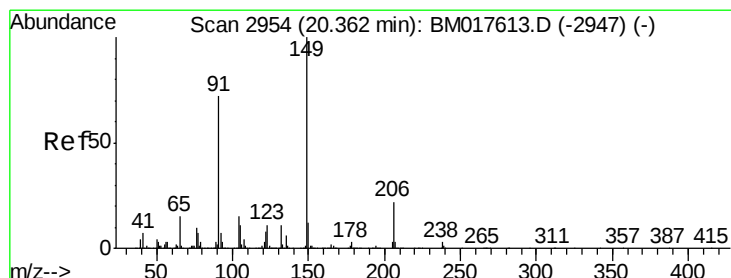
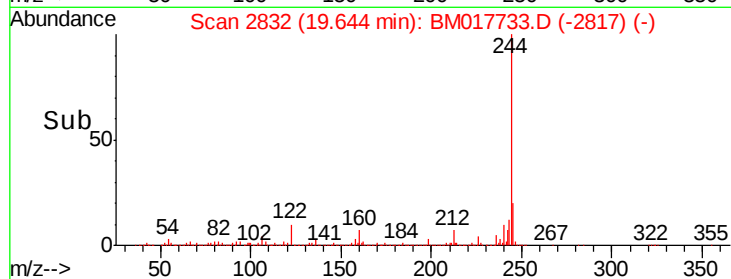
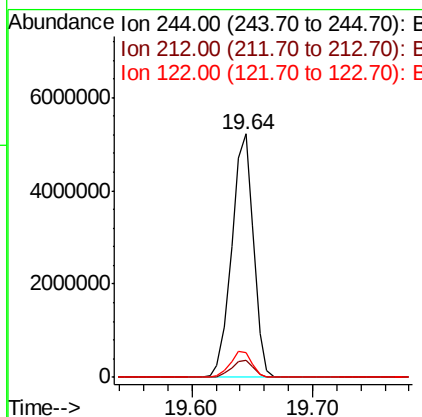
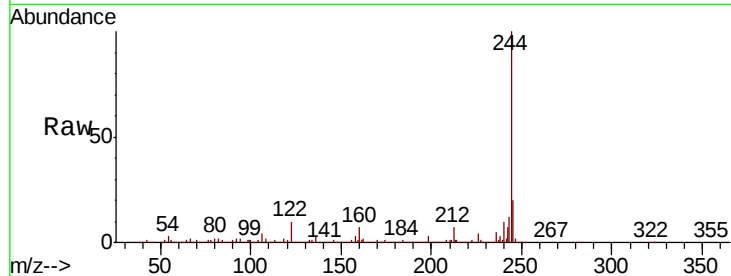
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 6546763

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	10.2	9.0	13.6

Manual Integrations
 APPROVED

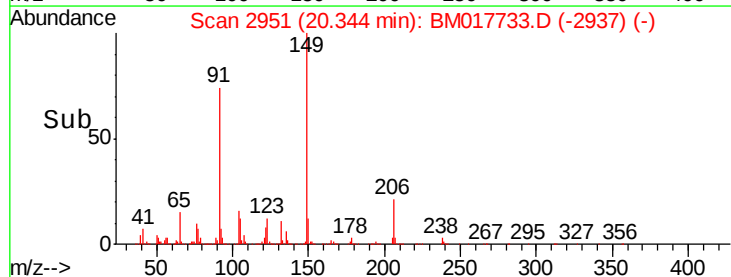
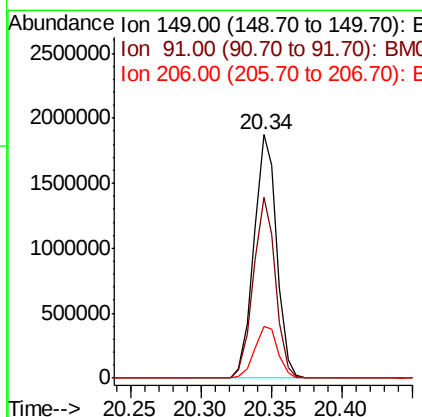
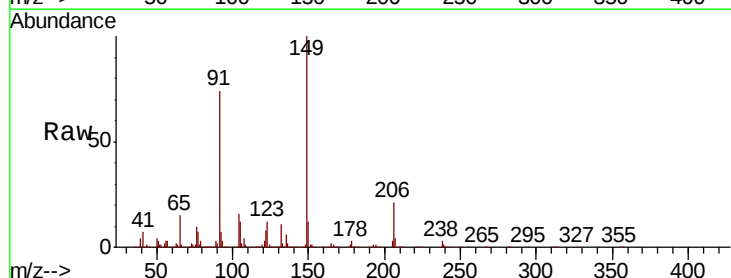
mohammad
 11/23/2018 11:51:15 AM

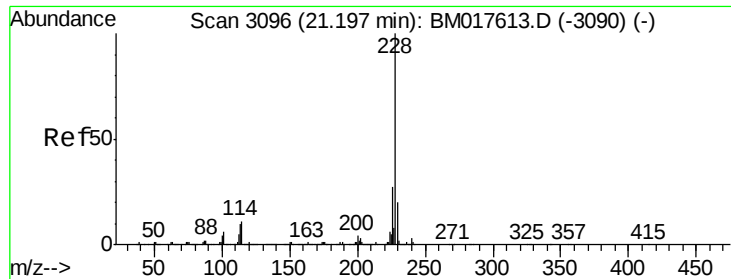


#80
 Butylbenzylphthalate
 Concen: 45.293 ng
 RT: 20.34 min Scan# 2951
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Tgt Ion:149 Resp: 2127001

Ion	Ratio	Lower	Upper
149	100		
91	74.5	57.6	86.4
206	21.2	17.4	26.0





#81

Benzo(a)anthracene

Concen: 41.517 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Instrument :

BNA_M

ClientSampleId :

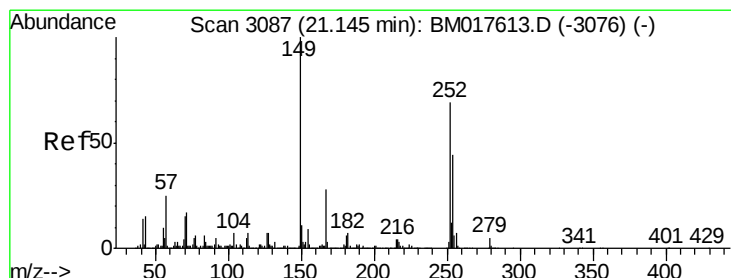
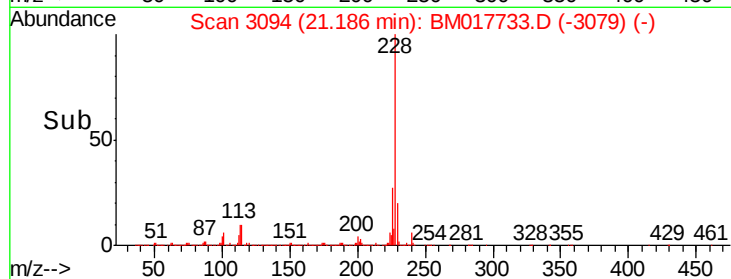
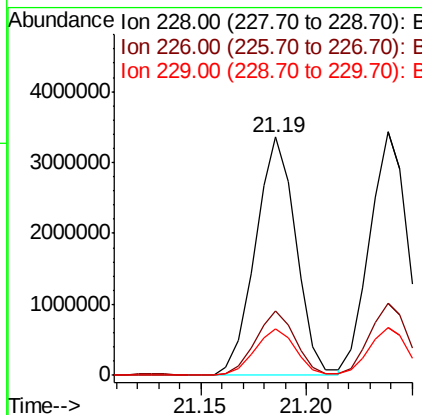
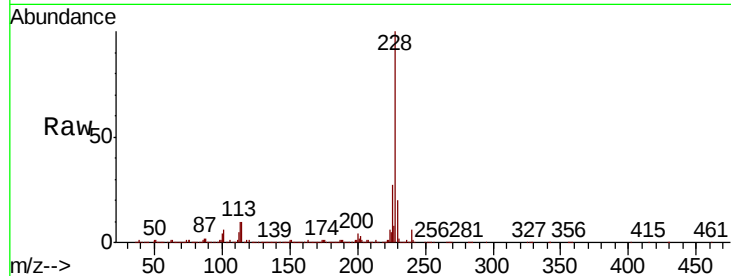
SSTDCCC040

Tot Ion:228 Resp: 4482119

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	19.7	16.0	24.0

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM



#82

3,3'-Dichlorobenzidine

Concen: 43.651 ng

RT: 21.13 min Scan# 3084

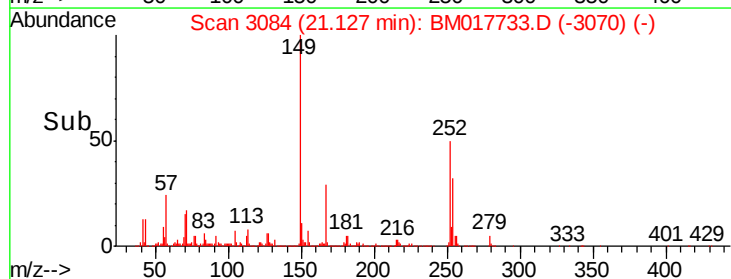
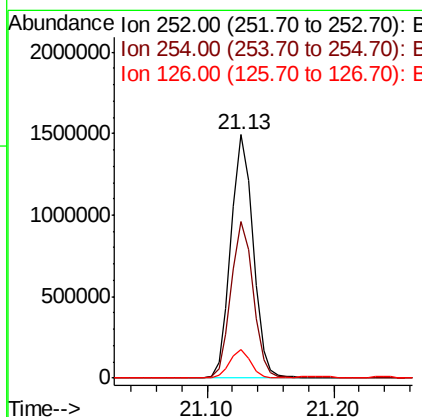
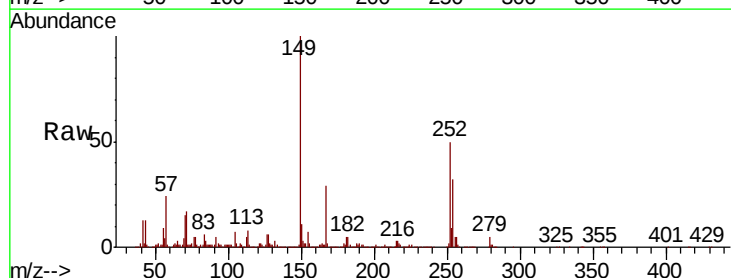
Delta R.T. -0.02 min

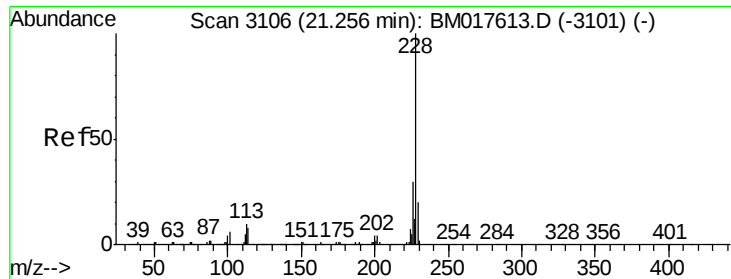
Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Tgt Ion:252 Resp: 1818775

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.4	77.2
126	11.5	8.0	12.0





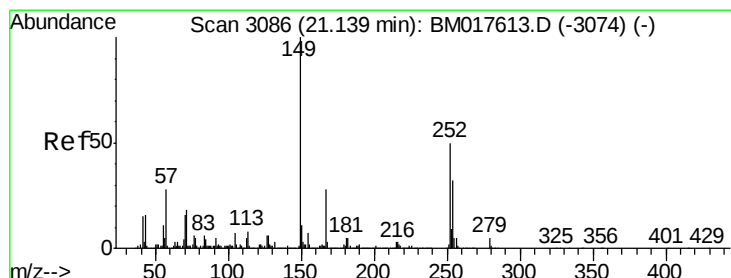
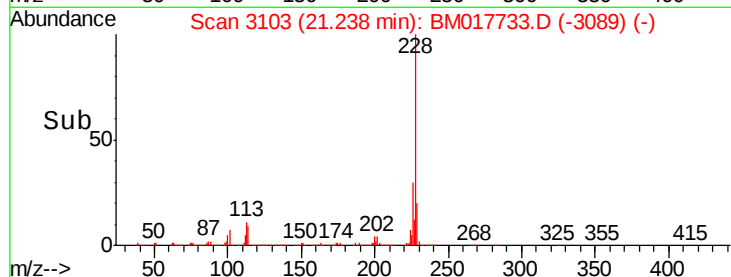
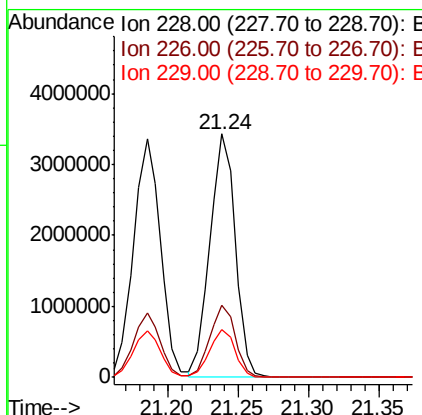
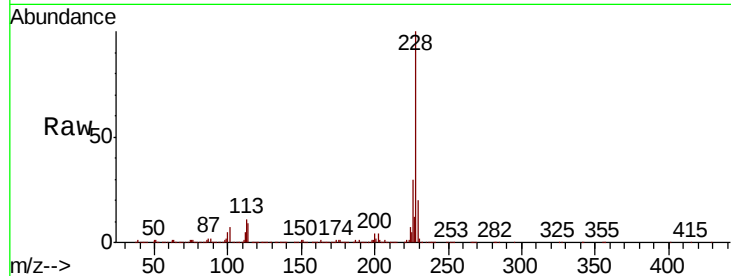
#83
 Chrysene
 Concen: 40.857 ng
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.02 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	19.5	15.8	23.6

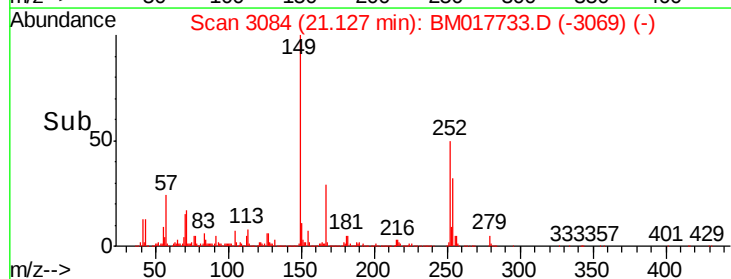
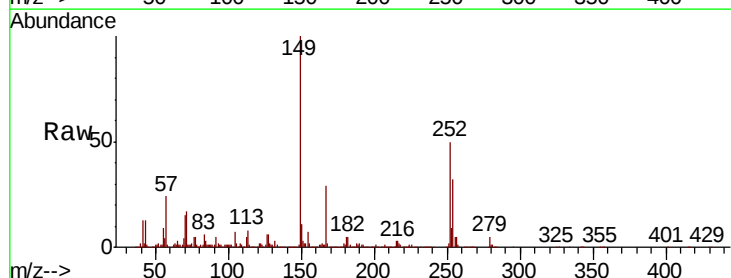
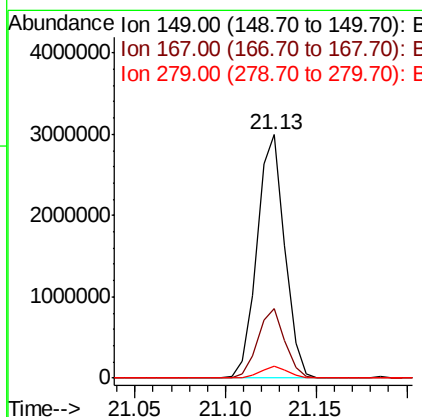
Manual Integrations
 APPROVED

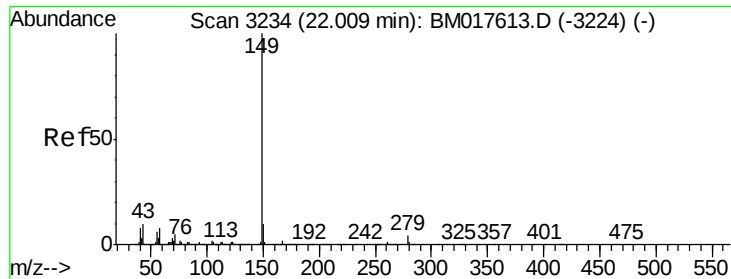
mohammad
 11/23/2018 11:51:15 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.759 ng
 RT: 21.13 min Scan# 3084
 Delta R.T. -0.01 min
 Lab File: BM017733.D
 Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.4
279	4.8	3.7	5.5





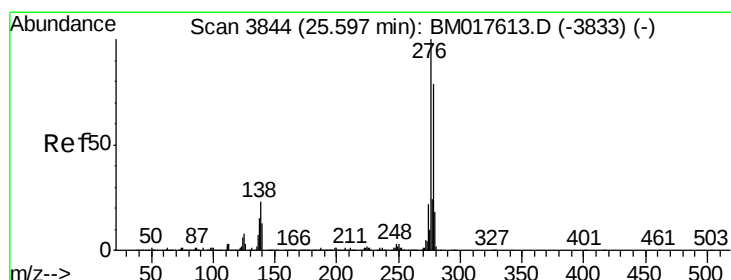
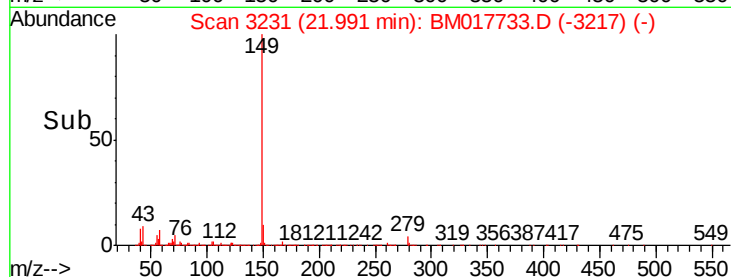
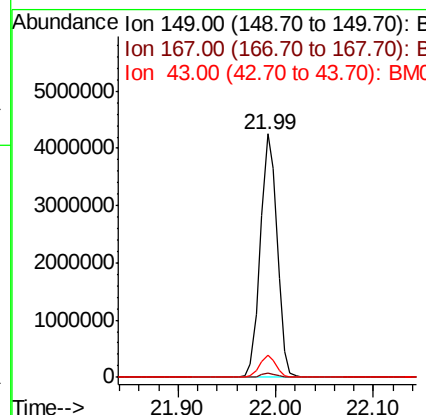
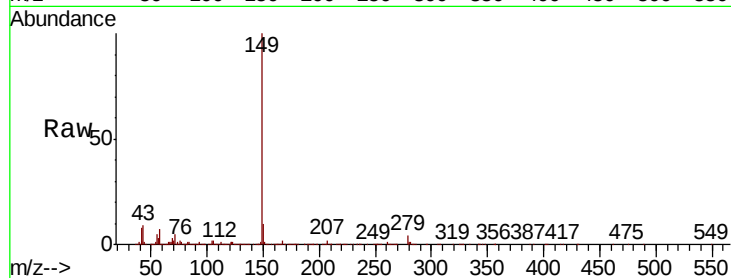
#85
Di-n-octyl phthalate
Concen: 45.710 ng
RT: 21.99 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	8.3	12.5

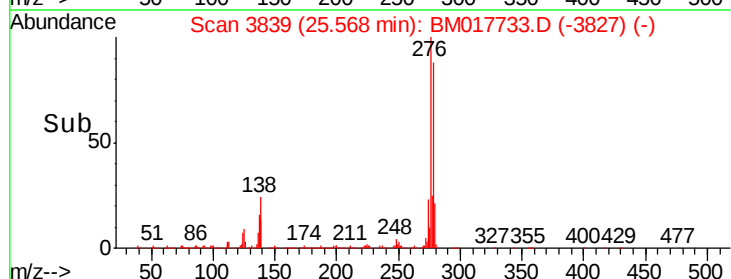
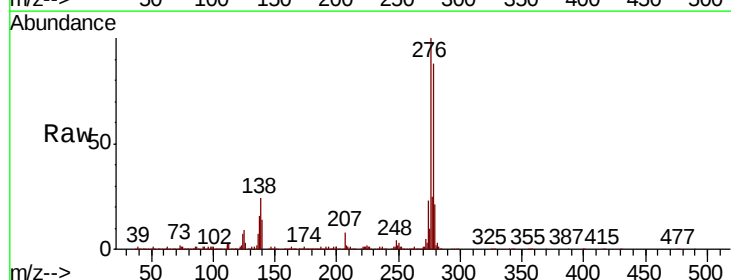
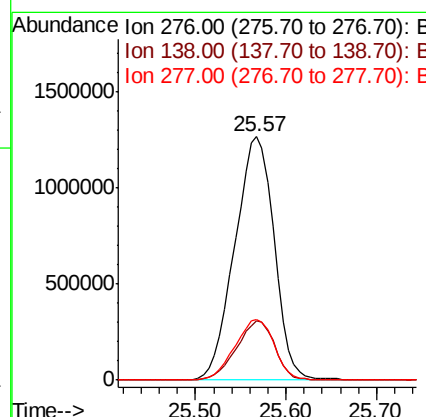
Manual Integrations
APPROVED

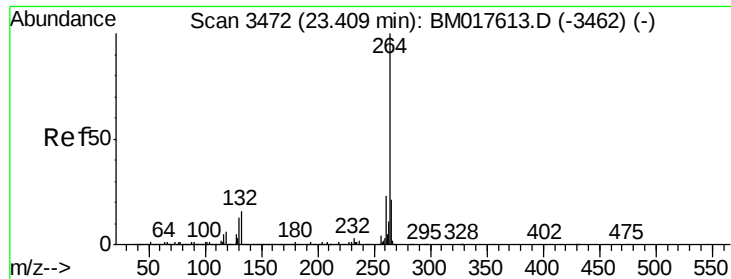
mohammad
11/23/2018 11:51:15 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.190 ng
RT: 25.57 min Scan# 3839
Delta R.T. -0.03 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.1	28.7
277	25.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 1694209

Ion Ratio Lower Upper

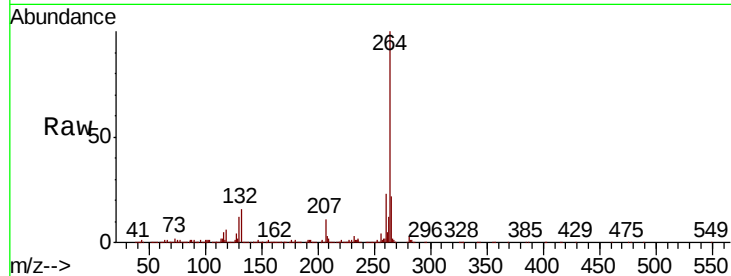
264 100

260 22.8 18.2 27.2

265 21.7 17.5 26.3

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM

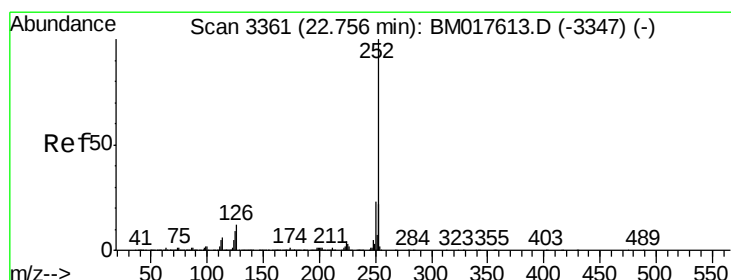
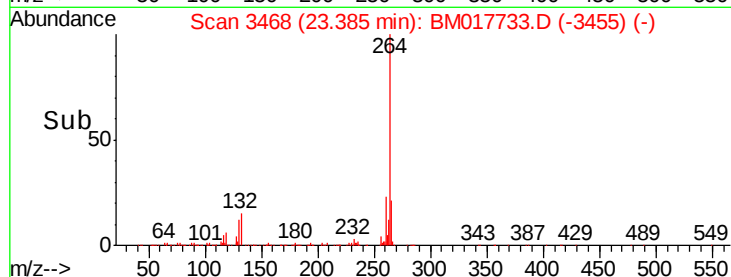
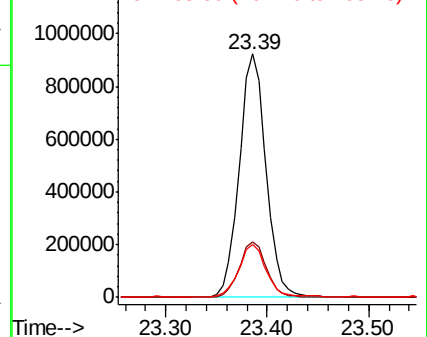


Abundance

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: 40.843 ng

RT: 22.74 min Scan# 3358

Delta R.T. -0.02 min

Lab File: BM017733.D

Acq: 21 Nov 2018 16:21

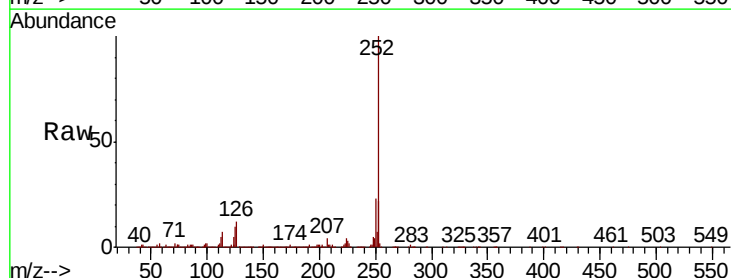
Tgt Ion:252 Resp: 4052404

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.6 7.6 11.4

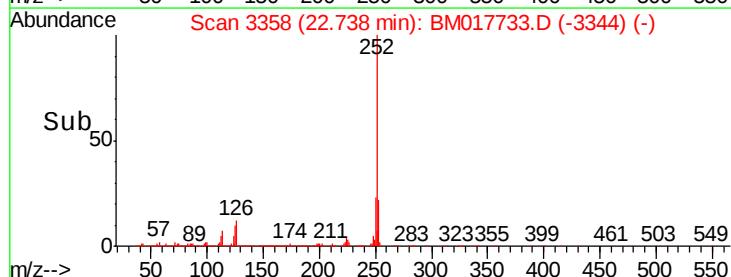
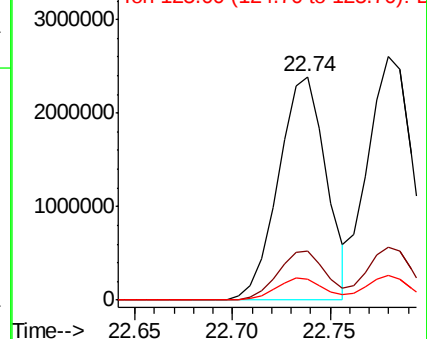


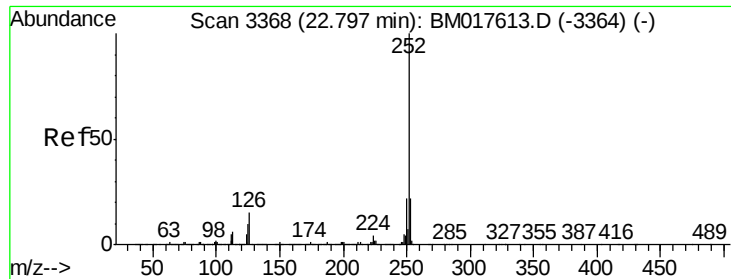
Abundance

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





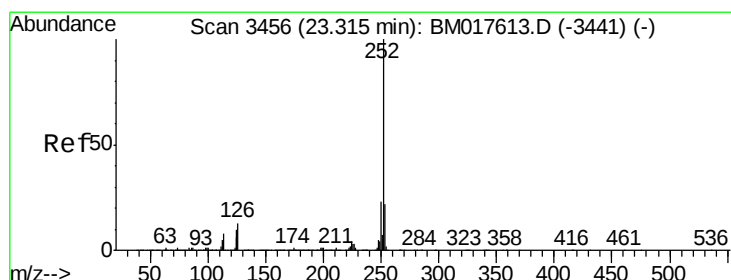
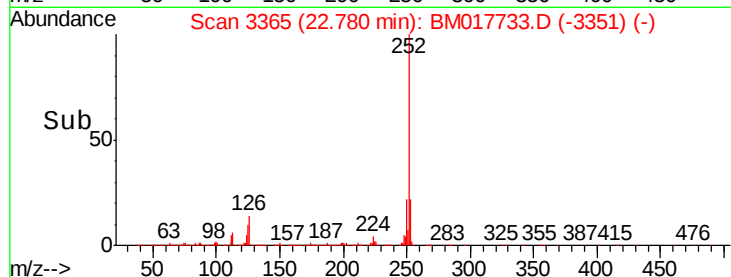
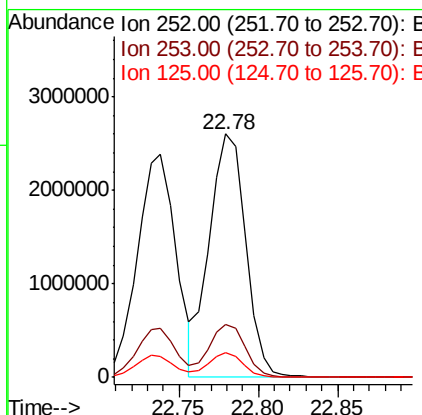
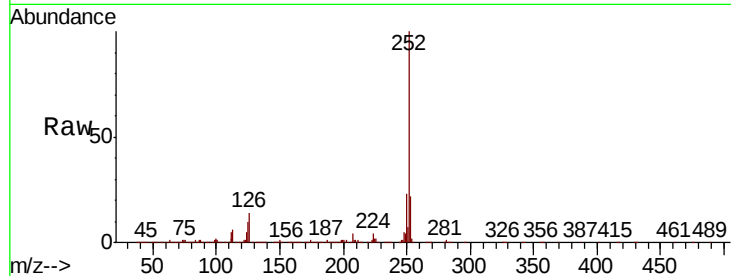
#89
Benzo(k)fluoranthene
Concen: 41.382 ng
RT: 22.78 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.2	7.9	11.9

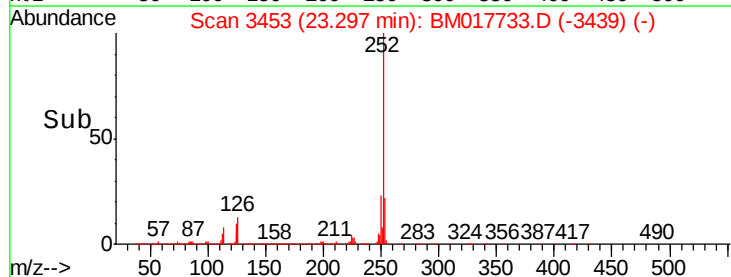
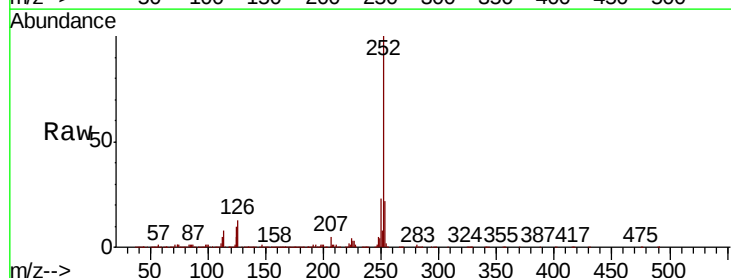
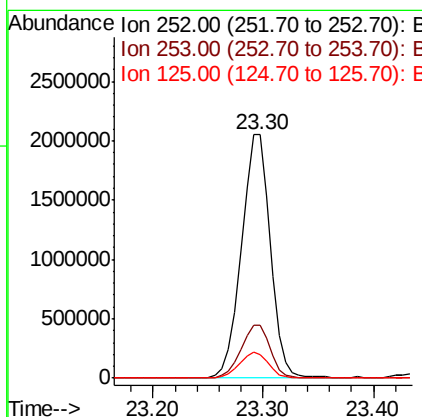
Manual Integrations
APPROVED

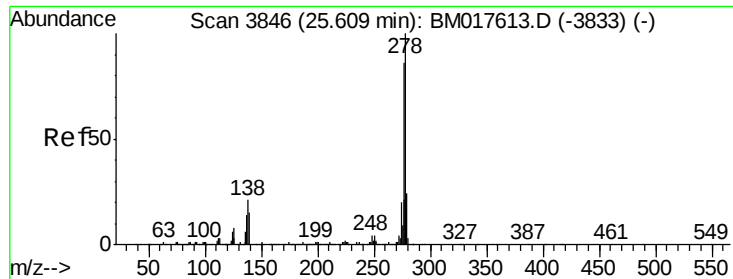
mohammad
11/23/2018 11:51:15 AM



#90
Benzo(a)pyrene
Concen: 41.821 ng
RT: 23.30 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.8	8.2	12.2





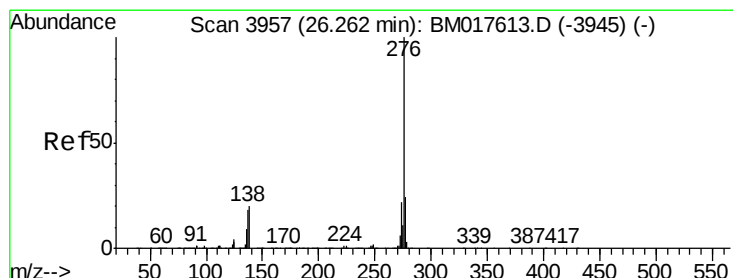
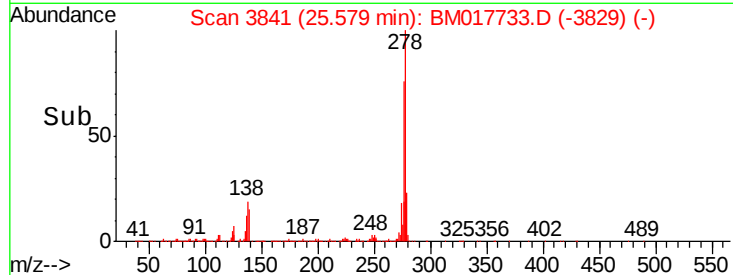
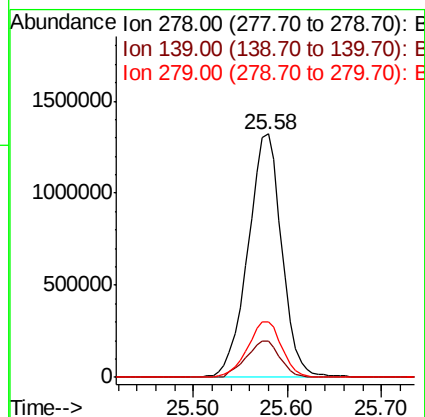
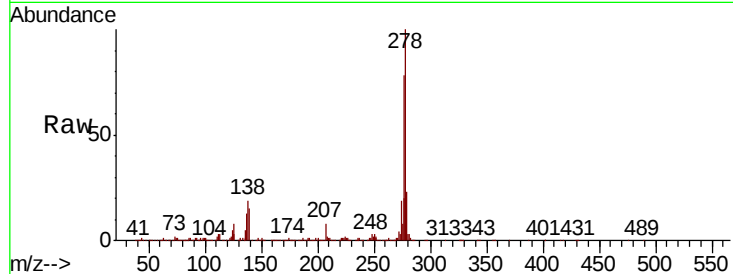
#91
Dibenzo(a,h)anthracene
Concen: 43.177 ng
RT: 25.58 min Scan# 3841
Delta R.T. -0.03 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 3283900
Ion Ratio Lower Upper
278 100
139 14.8 11.8 17.6
279 22.9 19.0 28.6

Manual Integrations
APPROVED

mohammad
11/23/2018 11:51:15 AM



#92
Benzo(g,h,i)perylene
Concen: 42.331 ng
RT: 26.23 min Scan# 3952
Delta R.T. -0.03 min
Lab File: BM017733.D
Acq: 21 Nov 2018 16:21

Tgt Ion:276 Resp: 3027518
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 19.2 15.9 23.9

