

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
 Data File : BM017852.D
 Acq On : 01 Dec 2018 12:08
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 12/3/2018 4:58:25 PM

Quant Time: Dec 03 00:24:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	236222	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	1024378	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	575117	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	1148876	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	900127	20.00	ng	-0.02
87) Perylene-d12	23.37	264	854300	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1147352	81.97	ng	-0.03
7) Phenol-d6	6.77	99	1603643	82.03	ng	-0.03
23) Nitrobenzene-d5	8.74	82	1690060	85.17	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	692863	83.84	ng	-0.03
45) 2-Fluorobiphenyl	12.85	172	3945613	89.00	ng	-0.03
79) Terphenyl-d14	19.63	244	3890564	97.96	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	217967	37.390	ng	91
3) Pyridine	3.59	79	665452	38.916	ng	88
4) n-Nitrosodimethylamine	3.51	42	264019	35.051	ng	90
6) Aniline	6.93	93	986371	40.687	ng	98
8) 2-Chlorophenol	7.16	128	705214	42.099	ng	94
9) Benzaldehyde	6.75	77	485724	34.108	ng	97
10) Phenol	6.80	94	837453	40.813	ng	98
11) bis(2-Chloroethyl)ether	7.03	93	673669	41.589	ng	96
12) 1,3-Dichlorobenzene	7.47	146	794259	42.261	ng	99
13) 1,4-Dichlorobenzene	7.62	146	813440	42.226	ng	99
14) 1,2-Dichlorobenzene	7.93	146	793633	42.488	ng	99
15) Benzyl Alcohol	7.83	79	649893	41.744	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	794749	32.225	ng	90
17) 2-Methylphenol	8.03	107	576521	41.708	ng	99
18) Hexachloroethane	8.64	117	303313	44.674	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	585411	41.706	ng	92
20) 3+4-Methylphenols	8.36	107	807194	42.029	ng	98
22) Acetophenone	8.40	105	1096768	42.898	ng	# 95
24) Nitrobenzene	8.78	77	842237	41.836	ng	99
25) Isophorone	9.30	82	1355110	44.216	ng	100
26) 2-Nitrophenol	9.48	139	412850	44.521	ng	99
27) 2,4-Dimethylphenol	9.55	122	575818	43.086	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	895855	43.159	ng	96
29) 2,4-Dichlorophenol	10.01	162	684637	44.131	ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	787651	43.653	ng	97
31) Naphthalene	10.40	128	2151677	42.721	ng	100
32) Benzoic acid	9.73	122	517939m	42.783	ng	
33) 4-Chloroaniline	10.53	127	930620	42.191	ng	99
34) Hexachlorobutadiene	10.67	225	496374	44.313	ng	99
35) Caprolactam	11.34	113	234553m	41.055	ng	
36) 4-Chloro-3-methylphenol	11.66	107	752344	42.003	ng	100
37) 2-Methylnaphthalene	12.02	142	1511420	42.460	ng	99
38) 1-Methylnaphthalene	12.25	142	1472651	42.193	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	916424	45.188	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	474157	45.246	ng	99
43) 2,4,6-Trichlorophenol	12.65	196	576015	45.345	ng	97
44) 2,4,5-Trichlorophenol	12.72	196	590288	44.010	ng	98
46) 1,1'-Biphenyl	13.06	154	2270078	43.974	ng	99
47) 2-Chloronaphthalene	13.10	162	1687282	44.035	ng	98
48) 2-Nitroaniline	13.32	65	508315	42.897	ng	96
49) Acenaphthylene	13.95	152	2501813	43.457	ng	99
50) Dimethylphthalate	13.70	163	2006823	42.918	ng	100
51) 2,6-Dinitrotoluene	13.83	165	456296	43.824	ng	97
52) Acenaphthene	14.30	154	1513466	42.837	ng	100
53) 3-Nitroaniline	14.16	138	469883	41.450	ng	99
54) 2,4-Dinitrophenol	14.37	184	237465	41.153	ng	99
55) Dibenzofuran	14.63	168	2429478	42.078	ng	99
56) 4-Nitrophenol	14.47	139	353838	39.789	ng	98
57) 2,4-Dinitrotoluene	14.62	165	613321	43.698	ng	98
58) Fluorene	15.29	166	1840352	41.636	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	523602	42.443	ng	99
60) Diethylphthalate	15.07	149	2112593	41.815	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	1058624	42.155	ng	98
62) 4-Nitroaniline	15.33	138	427005	39.968	ng	98
63) Azobenzene	15.58	77	2013080	43.102	ng	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	376254	47.275	ng	96
66) n-Nitrosodiphenylamine	15.51	169	1745597	47.258	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	630848	46.428	ng	96
68) Hexachlorobenzene	16.29	284	679975	44.391	ng	95
69) Atrazine	16.47	200	596031	43.872	ng	97
70) Pentachlorophenol	16.64	266	472679	44.041	ng	99
71) Phenanthrene	17.03	178	2674746	42.905	ng	100
72) Anthracene	17.12	178	2651936	43.716	ng	100
73) Carbazole	17.40	167	2605353	42.502	ng	99
74) Di-n-butylphthalate	17.97	149	3203817	46.951	ng	99
75) Fluoranthene	19.06	202	2628012	37.258	ng	99
77) Benzidine	19.26	184	1295011	44.181	ng	99
78) Pyrene	19.42	202	2684321	48.332	ng	99
80) Butylbenzylphthalate	20.33	149	1148590	50.918	ng	97
81) Benzo(a)anthracene	21.17	228	2247081	43.332	ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	907047	45.320	ng	99
83) Chrysene	21.23	228	2150003	42.686	ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1605303	48.139	ng	99
85) Di-n-octyl phthalate	21.98	149	2422174	45.361	ng	97
86) Indeno(1,2,3-cd)pyrene	25.54	276	2380705	59.149	ng	100
88) Benzo(b)fluoranthene	22.72	252	2109815	42.171	ng	99
89) Benzo(k)fluoranthene	22.76	252	2037967	40.302	ng	99
90) Benzo(a)pyrene	23.27	252	1994401	43.720	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	2054615	53.574	ng	99
92) Benzo(g,h,i)perylene	26.20	276	1993909	55.288	ng	99

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

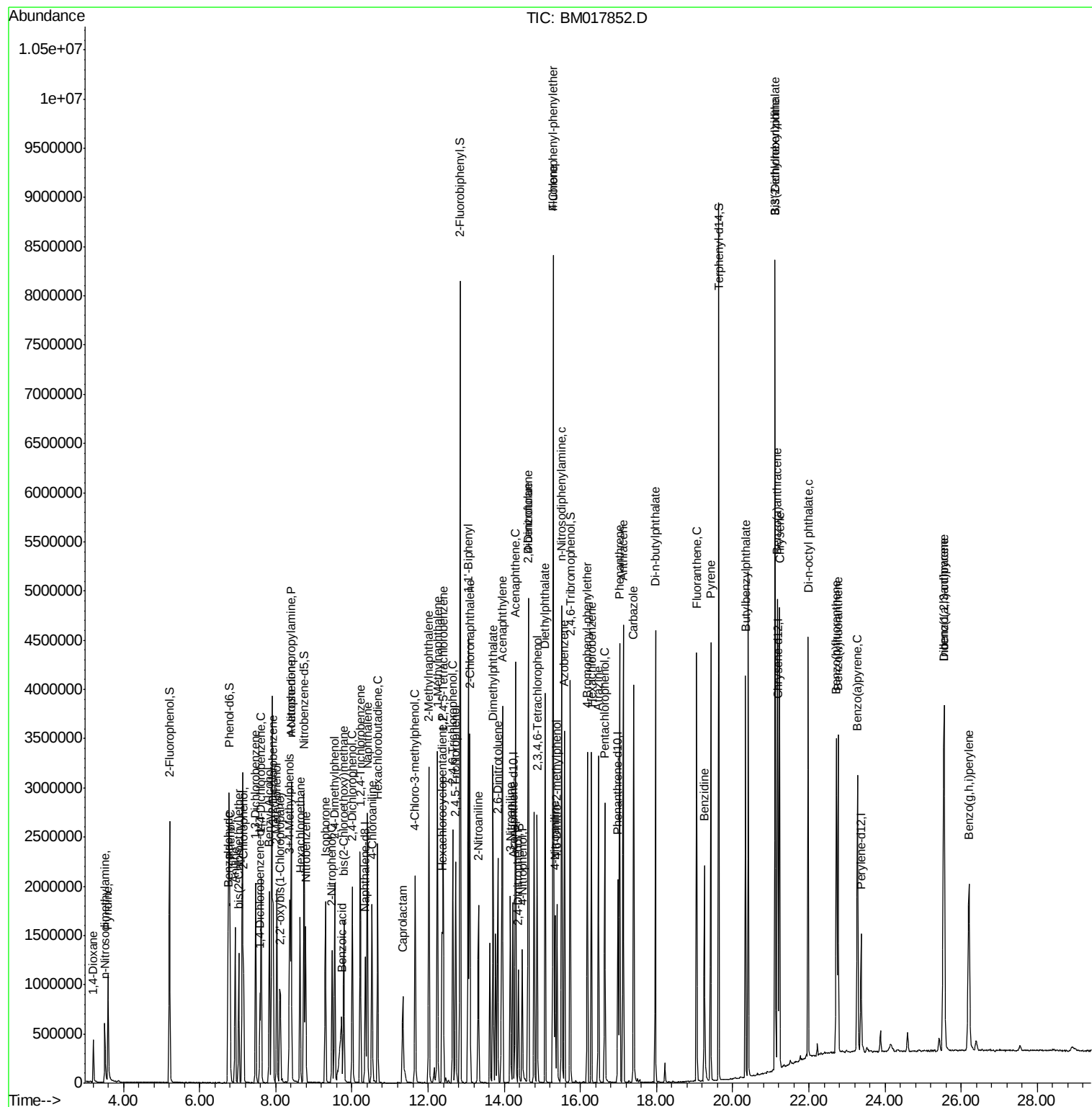
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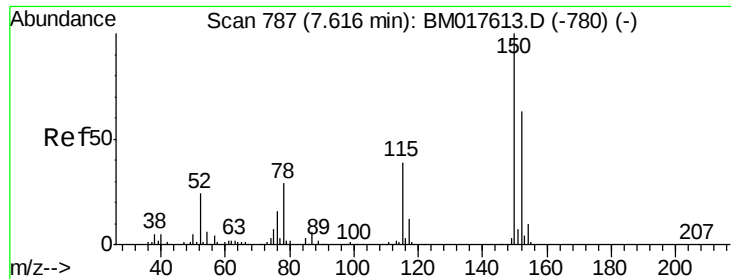
Instrument :
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ClientSampleId :
SSTDCCC040

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#1

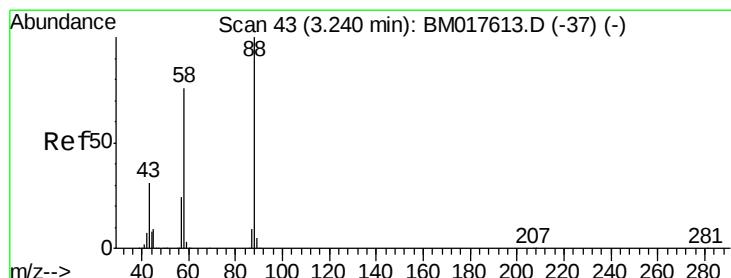
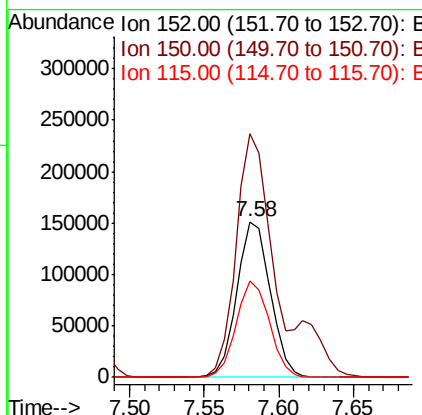
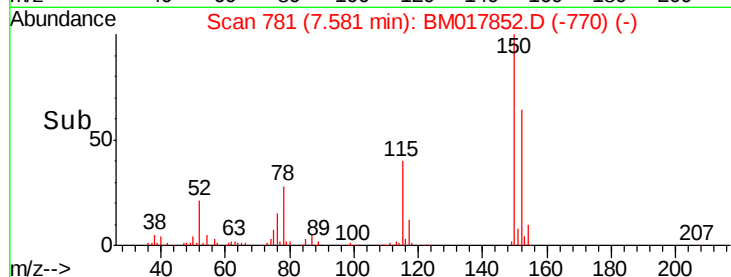
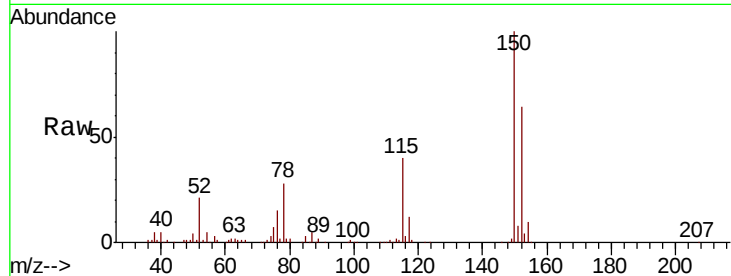
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.4	189.6
115	62.1	49.4	74.0

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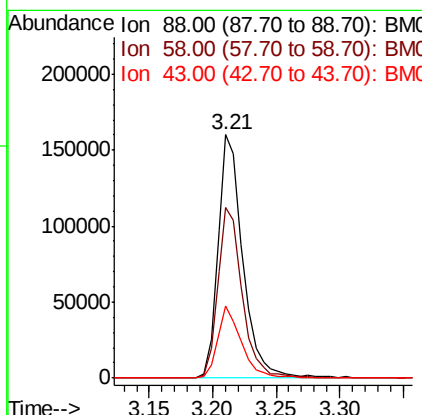
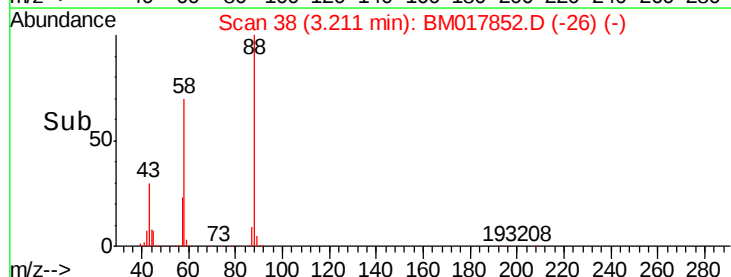
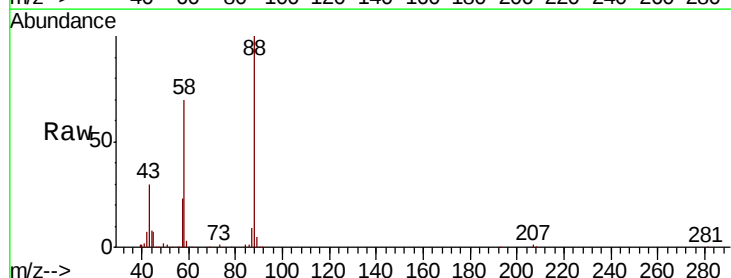
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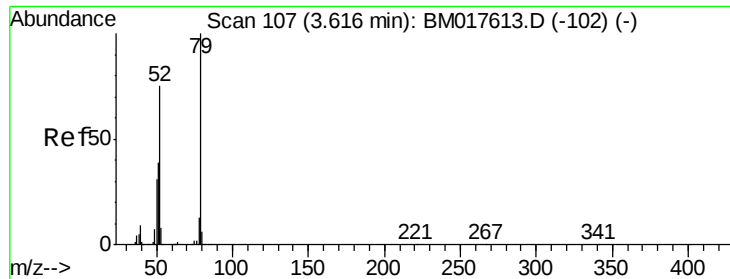


#2

1,4-Dioxane
Concen: 37.390 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	62.0	93.0
43	28.4	26.8	40.2





#3

Pvridine

Concen: 38.916 ng

RT: 3.59 min Scan# 103

Delta R.T. -0.02 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

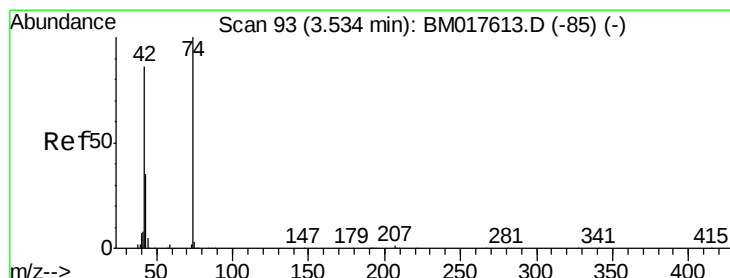
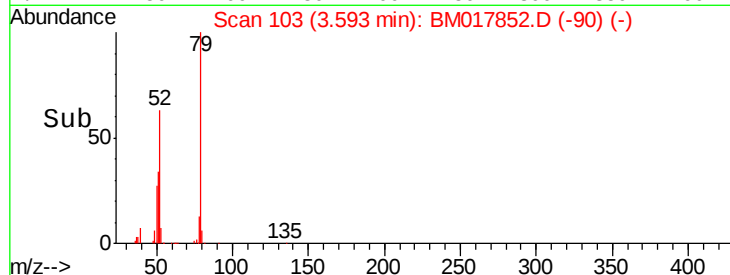
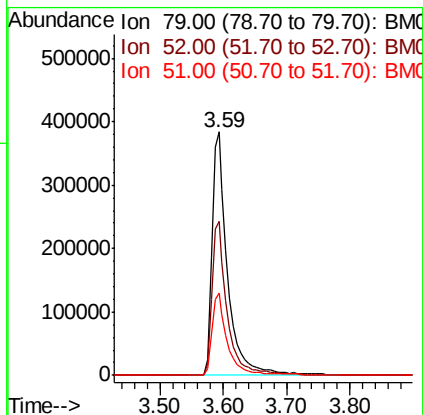
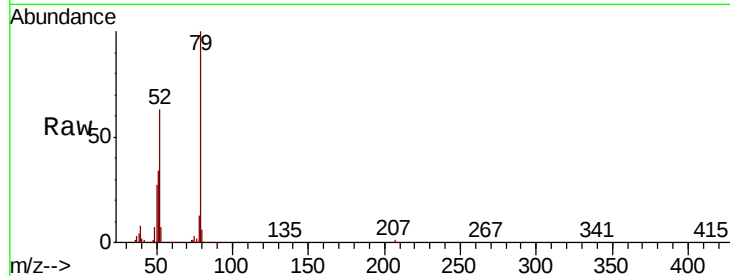
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	665452
Ion Ratio	Lower	Upper	
79	100		
52	63.3	60.1	90.1
51	33.9	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 35.051 ng

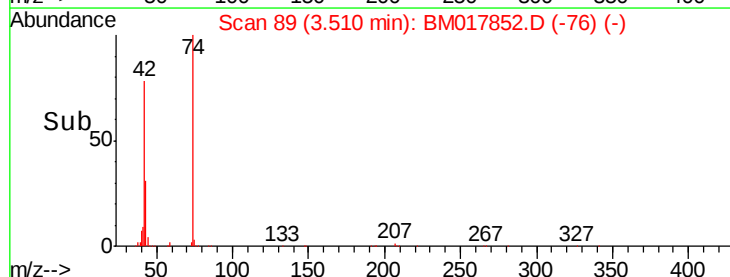
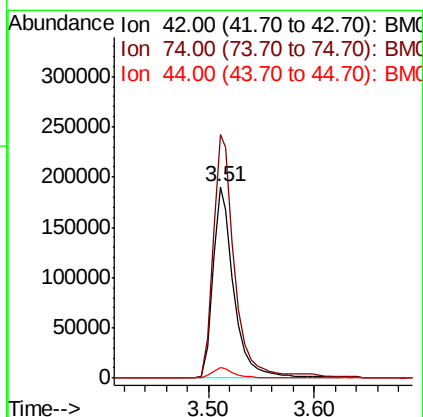
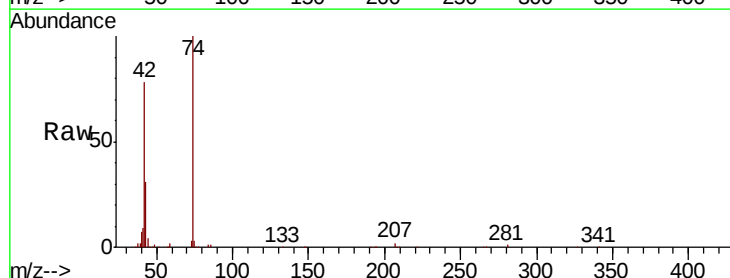
RT: 3.51 min Scan# 89

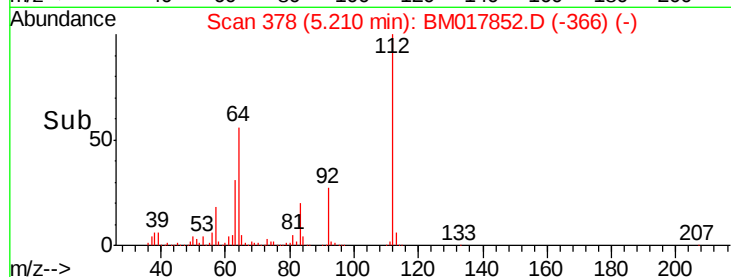
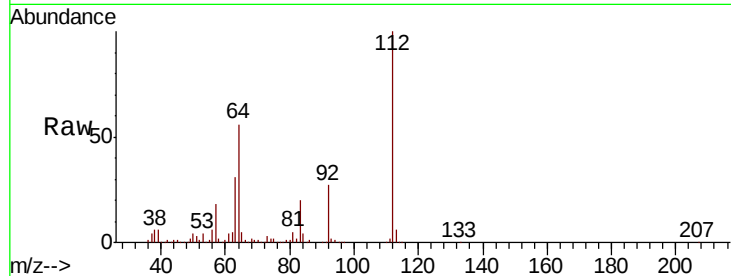
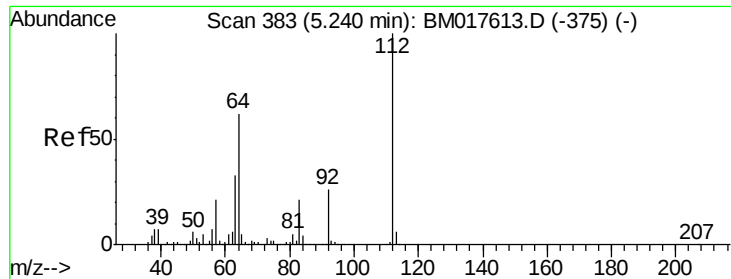
Delta R.T. -0.02 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tgt Ion:	42	Resp:	264019
Ion Ratio	Lower	Upper	
42	100		
74	127.4	93.1	139.7
44	5.3	5.0	7.6





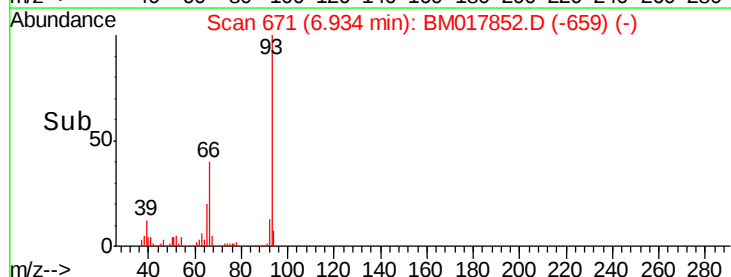
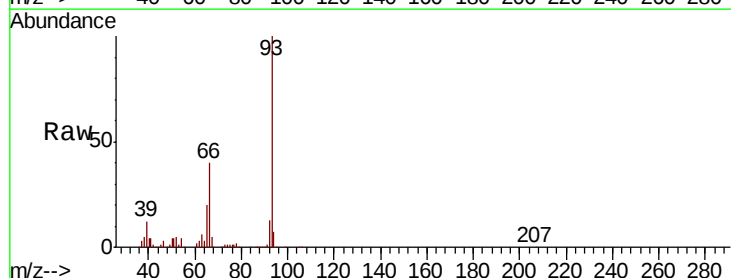
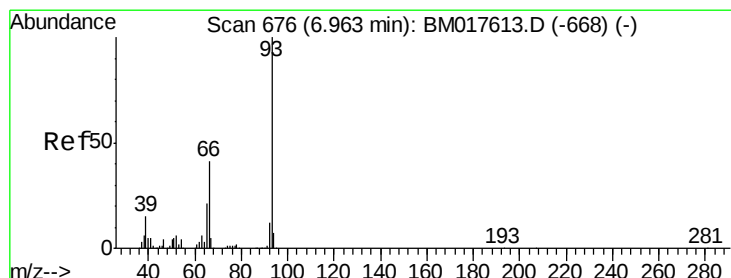
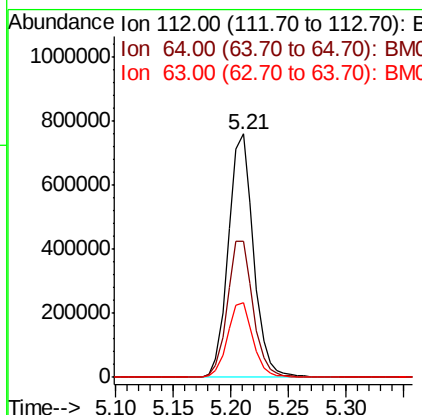
#5
2-Fluorophenol
Concen: 81.971 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.8	49.3	73.9
63	30.8	26.2	39.4

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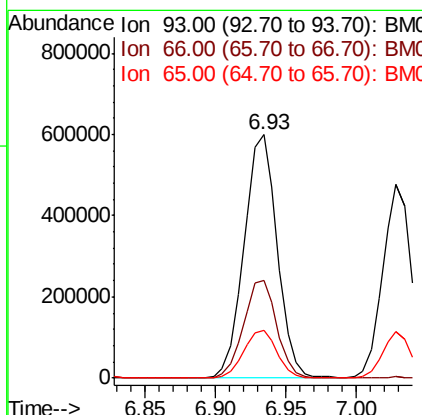
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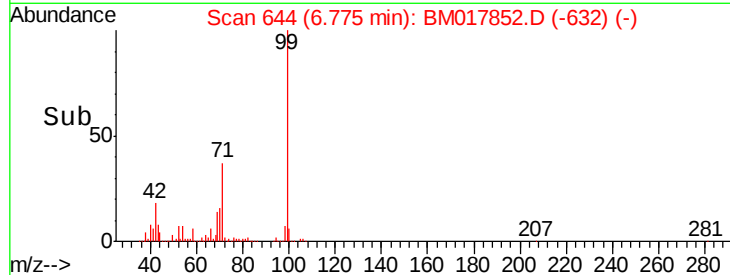
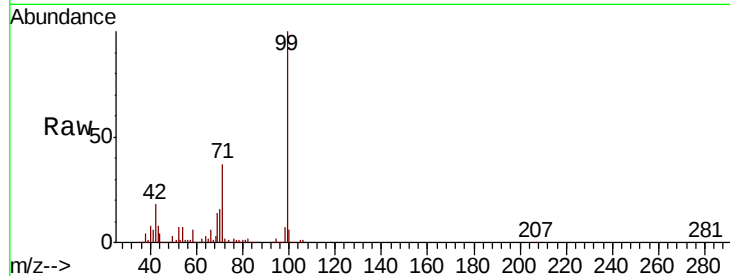
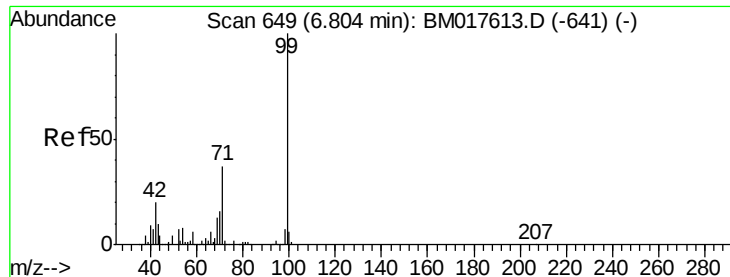
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#6
Aniline
Concen: 40.687 ng
RT: 6.93 min Scan# 671
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.8	49.2
65	19.6	16.6	25.0





#7

Phenol-d6

Concen: 82.032 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tot Ion: 99 Resp: 1603643

Ion Ratio Lower Upper

99 100

42 17.7 16.3 24.5

71 36.8 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

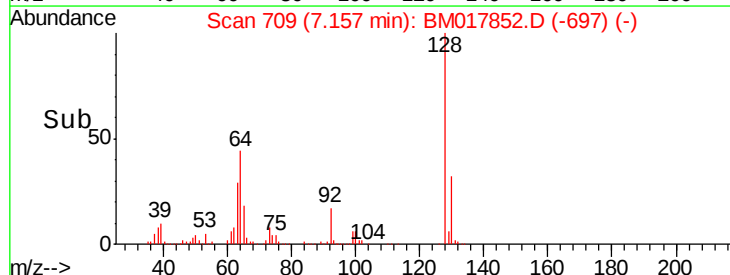
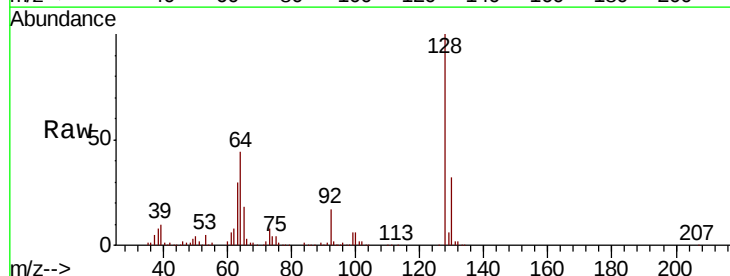
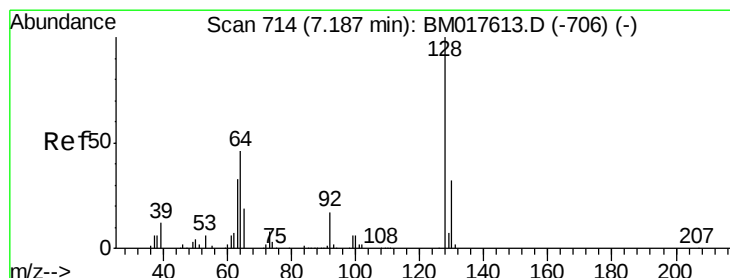
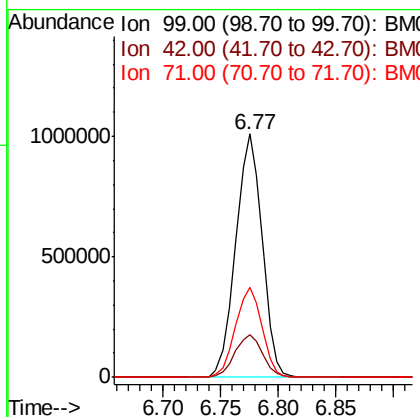
SSTDCCC040

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#8

2-Chlorophenol

Concen: 42.099 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.03 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

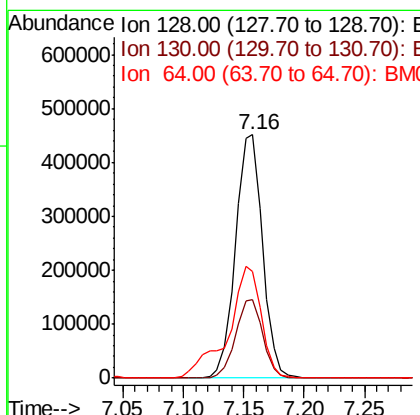
Tgt Ion: 128 Resp: 705214

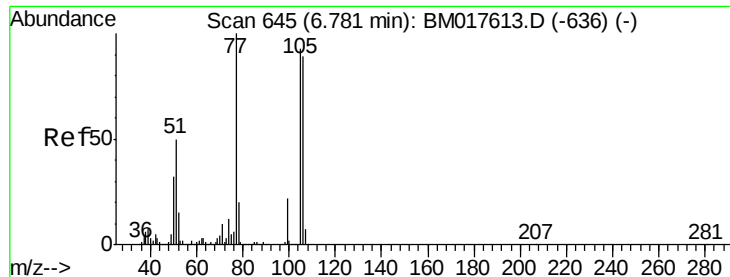
Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

64 43.7 30.0 70.0





#9

Benzaldehyde

Concen: 34.108 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

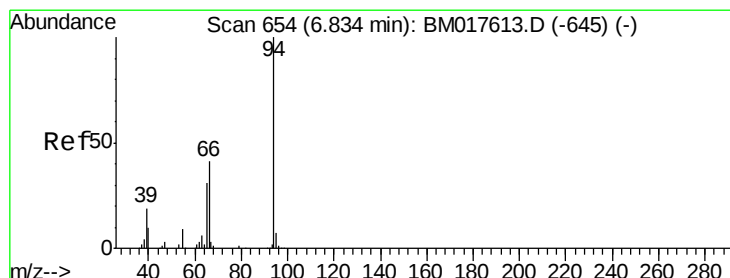
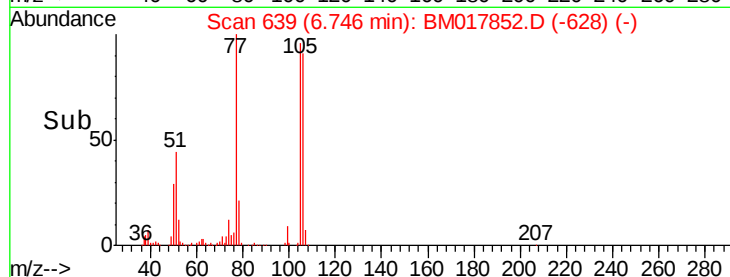
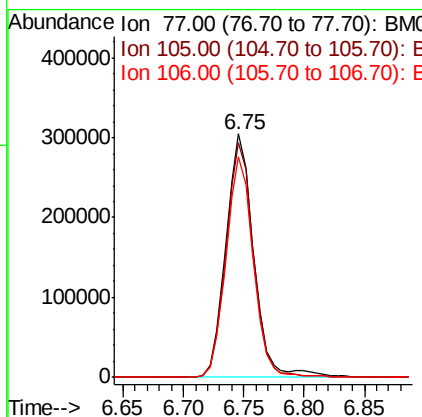
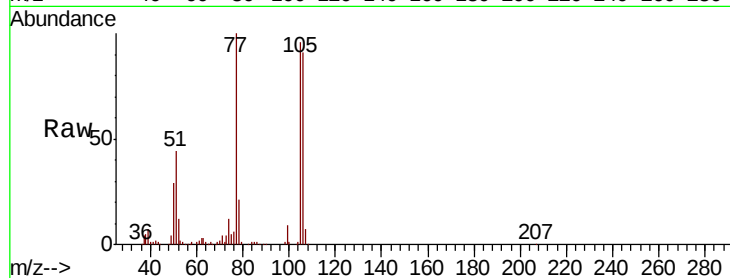
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	485724
Ion	Ratio	Lower	Upper
77	100		
105	96.2	72.7	112.7
106	90.8	68.9	108.9

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#10

Phenol

Concen: 40.813 ng

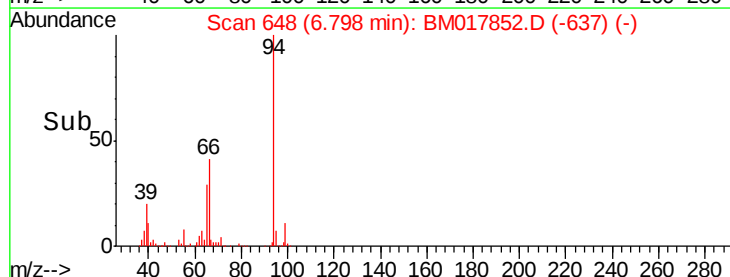
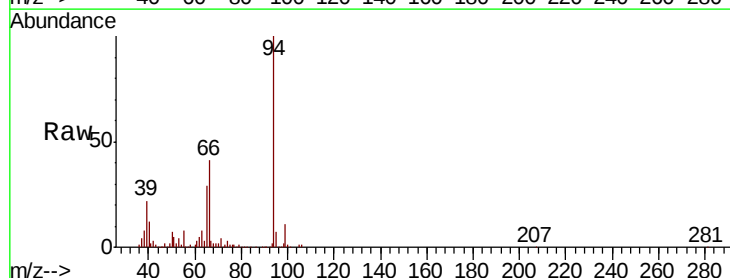
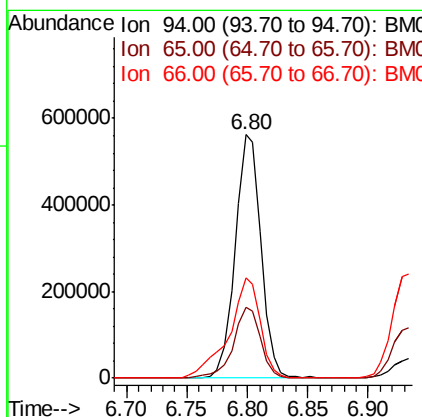
RT: 6.80 min Scan# 648

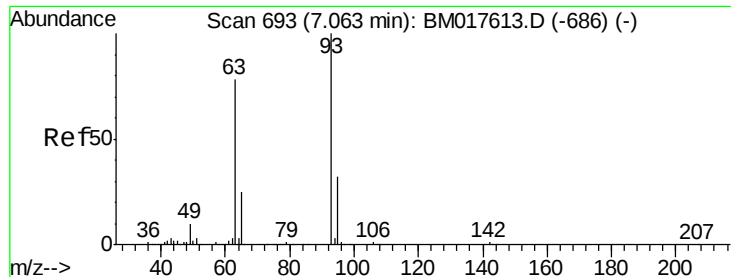
Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tgt Ion:	94	Resp:	837453
Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.4	51.4
66	41.2	21.4	61.4





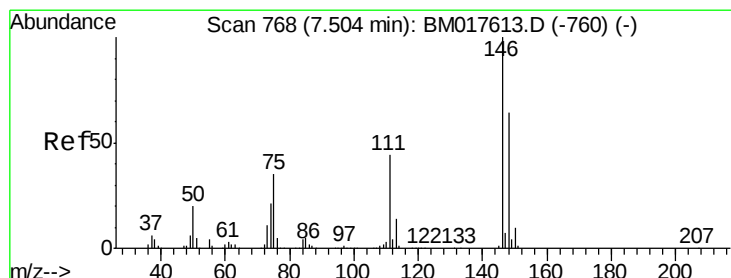
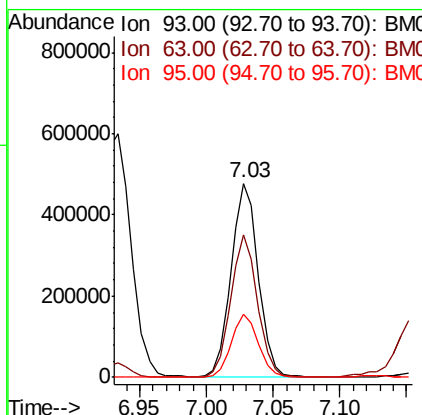
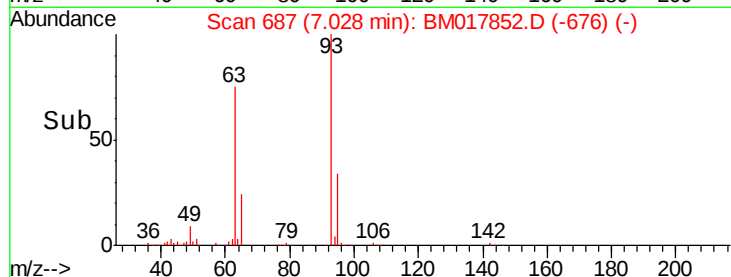
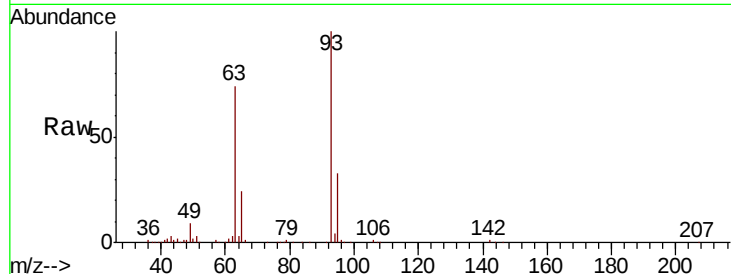
#11
bis(2-Chloroethyl)ether
Concen: 41.589 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	673669
Ion	Ratio	Lower	Upper
93	100		
63	73.5	57.9	97.9
95	32.8	12.3	52.3

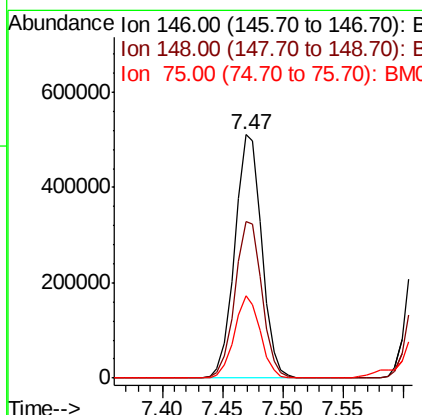
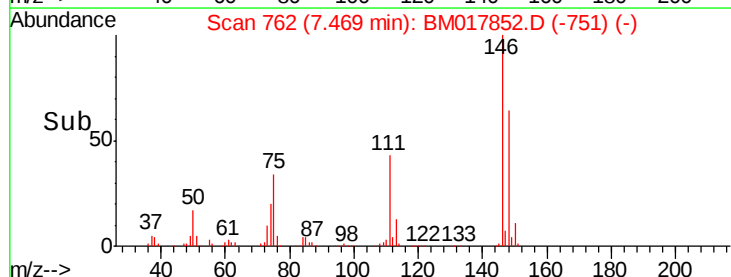
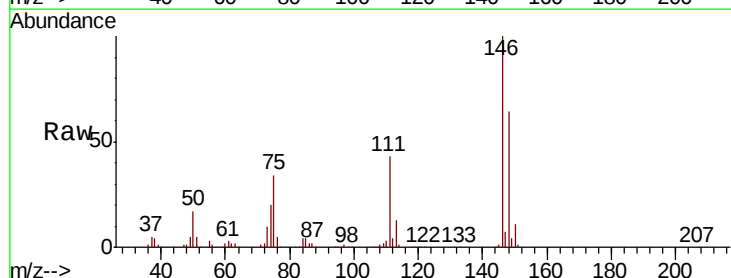
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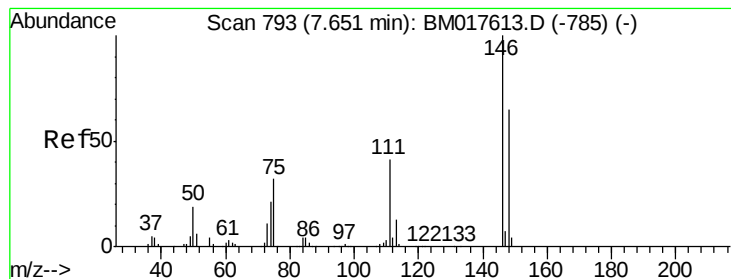
mohammad
12/3/2018 4:58:25 PM



#12
1,3-Dichlorobenzene
Concen: 42.261 ng
RT: 7.47 min Scan# 762
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion:	146	Resp:	794259
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	33.6	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 42.226 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

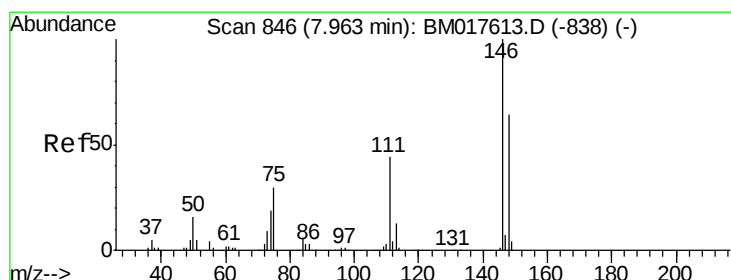
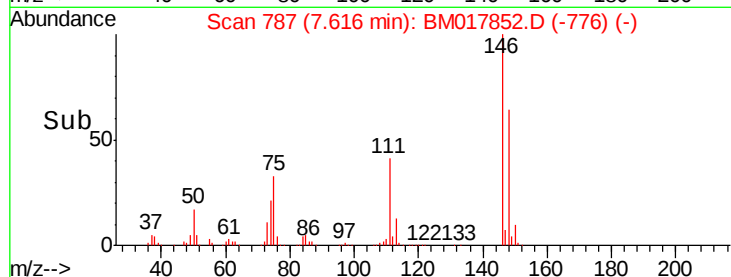
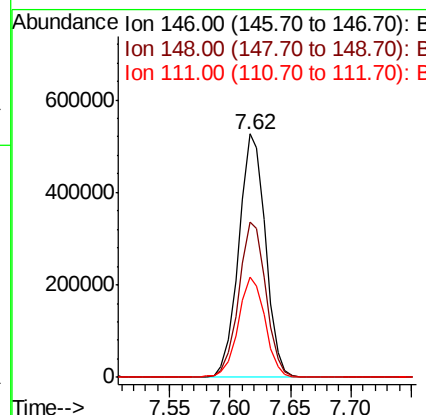
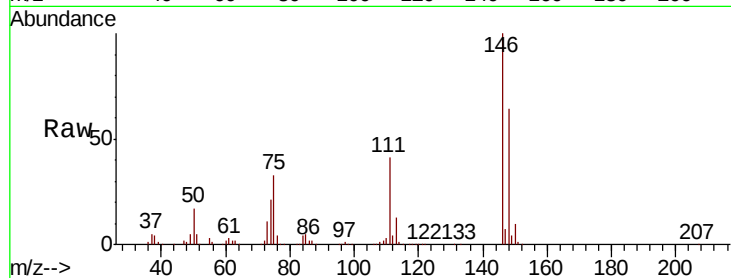
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	813440
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.0	78.0
111	41.2	33.2	49.8

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#14

1,2-Dichlorobenzene

Concen: 42.488 ng

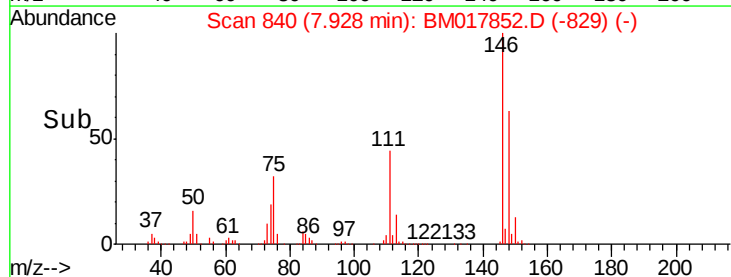
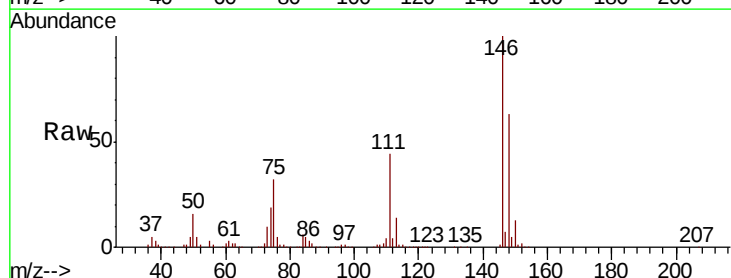
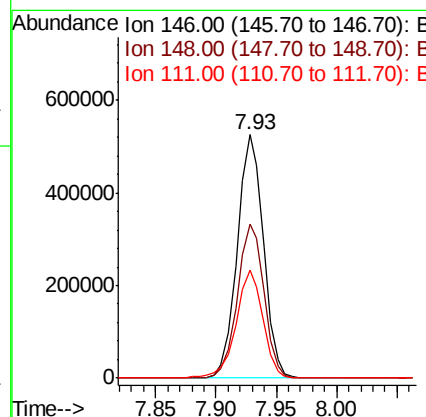
RT: 7.93 min Scan# 840

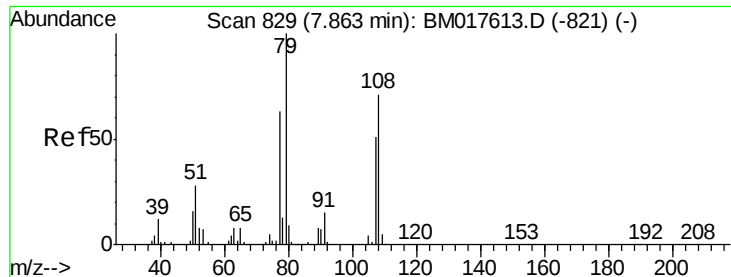
Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tgt Ion:	146	Resp:	793633
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.6	77.4
111	44.2	35.8	53.8





#15

Benzyl Alcohol

Concen: 41.744 ng

RT: 7.83 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

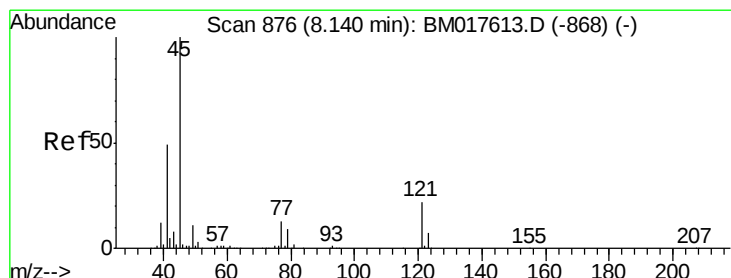
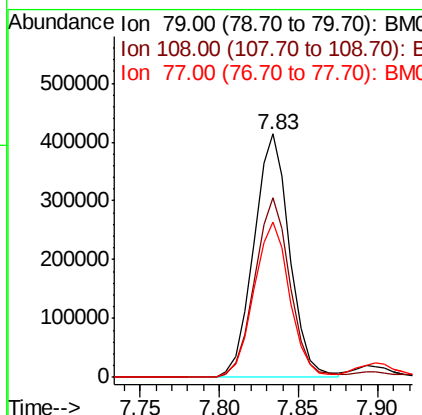
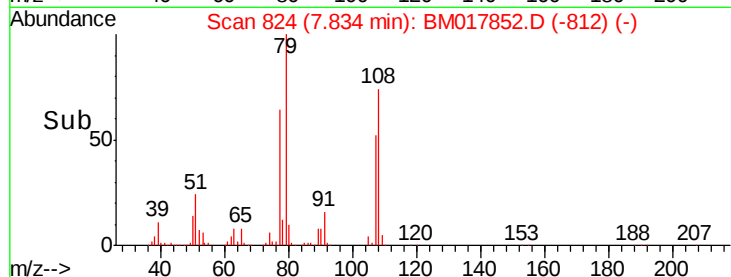
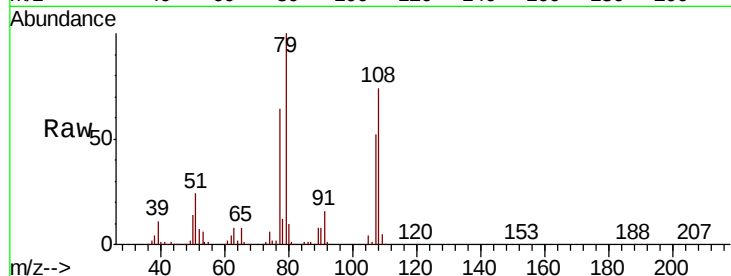
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	649893
Ion Ratio	Lower	Upper	
79	100		
108	73.7	57.1	85.7
77	63.9	50.4	75.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.225 ng

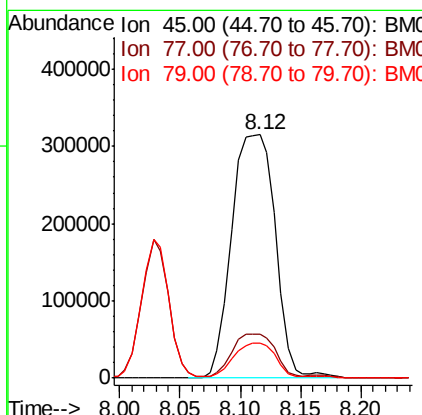
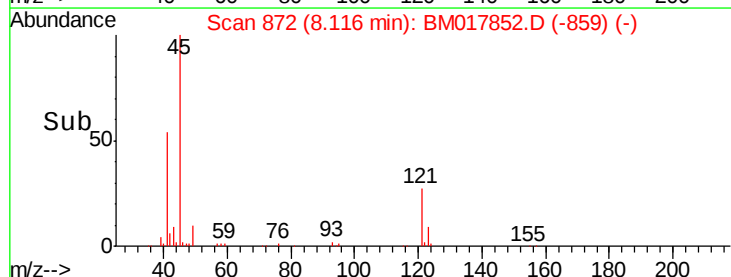
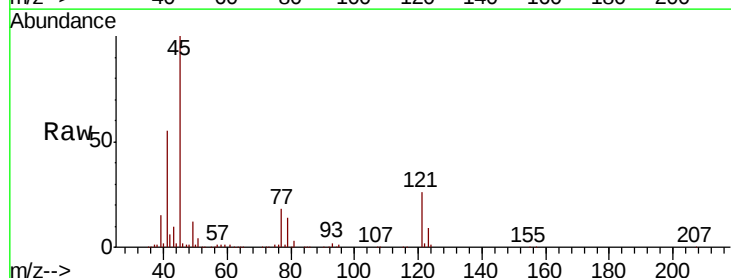
RT: 8.12 min Scan# 872

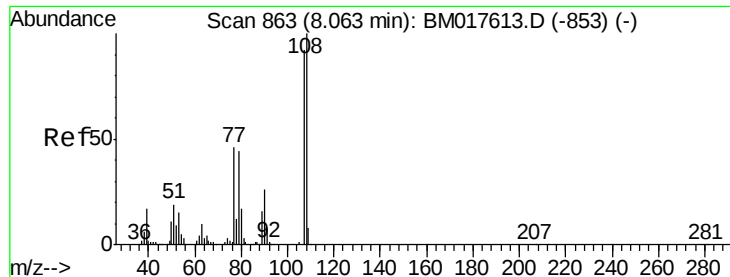
Delta R.T. -0.02 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tgt Ion:	45	Resp:	794749
Ion Ratio	Lower	Upper	
45	100		
77	18.0	0.0	34.2
79	14.2	0.0	30.5





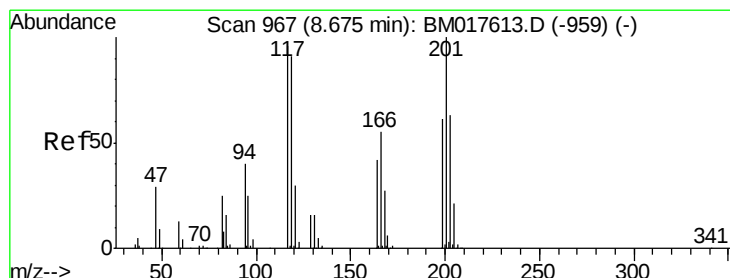
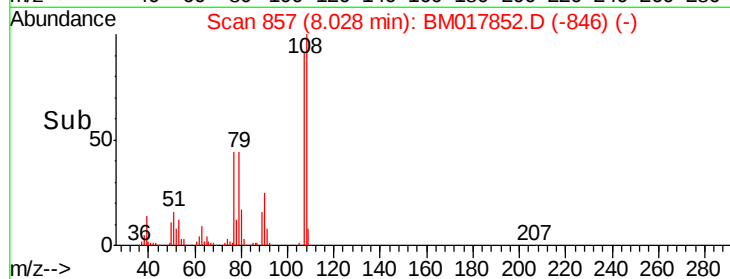
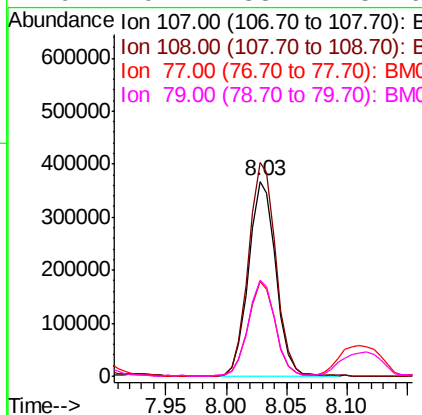
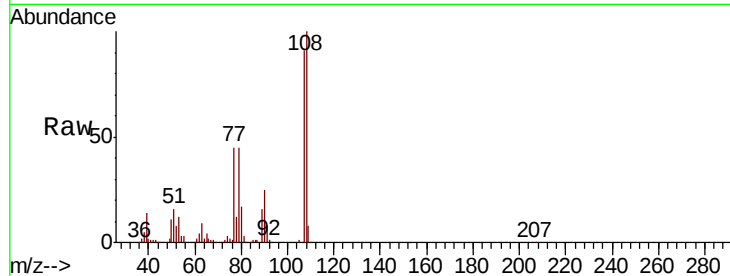
#17
2-Methylphenol
Concen: 41.708 ng
RT: 8.03 min Scan# 857
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	576521
Ion Ratio	Lower	Upper	
107	100		
108	109.8	86.7	130.1
77	48.9	39.8	59.6
79	49.1	38.4	57.6

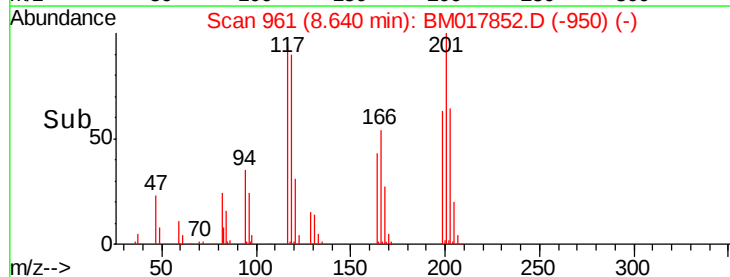
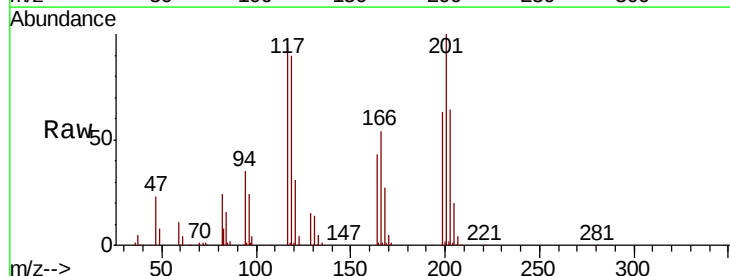
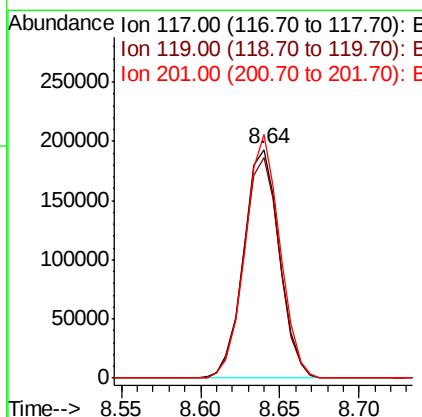
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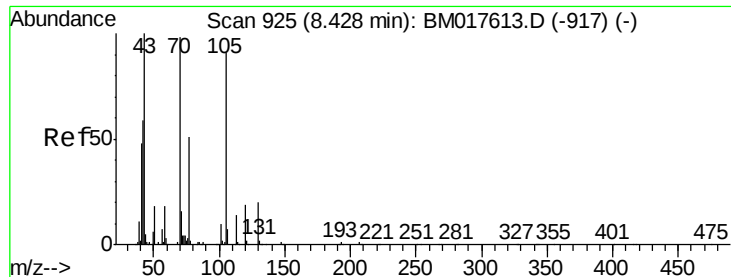
mohammad
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#18
Hexachloroethane
Concen: 44.674 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion:	117	Resp:	303313
Ion Ratio	Lower	Upper	
117	100		
119	96.3	75.8	113.8
201	106.5	83.0	124.4





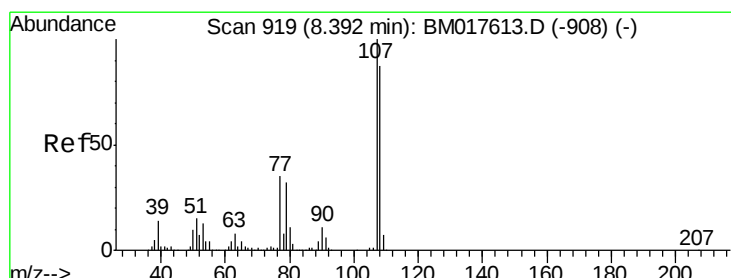
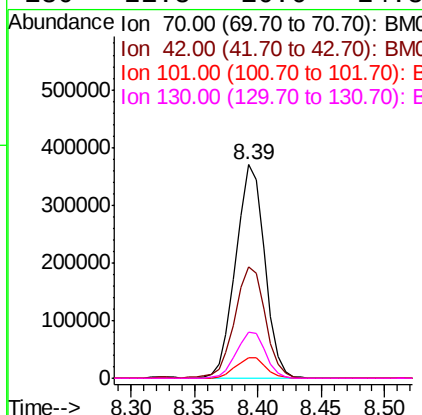
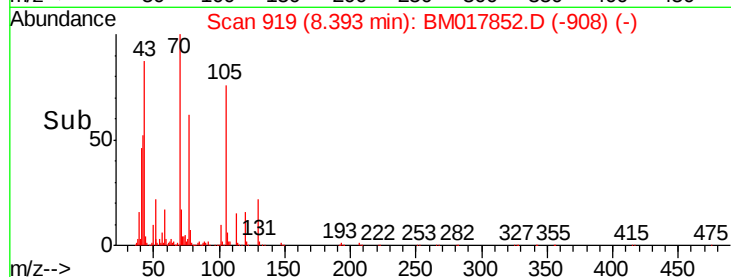
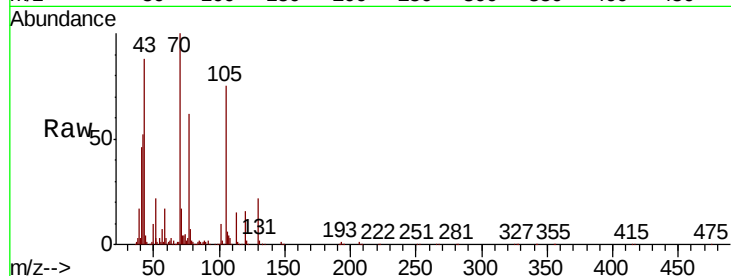
#19
n-Nitroso-di-n-propylamine
Concen: 41.706 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.1	48.6	73.0	
101	9.7	7.9	11.9	
130	21.8	16.6	24.8	

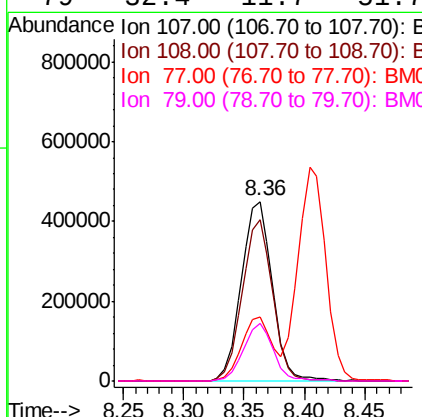
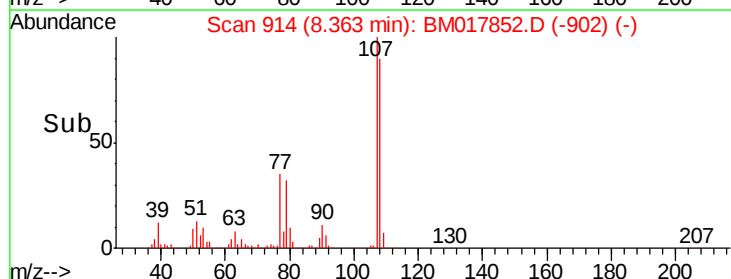
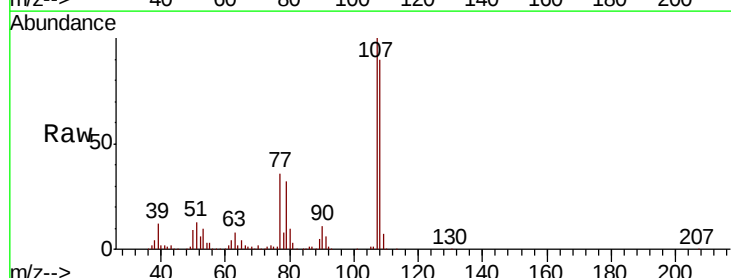
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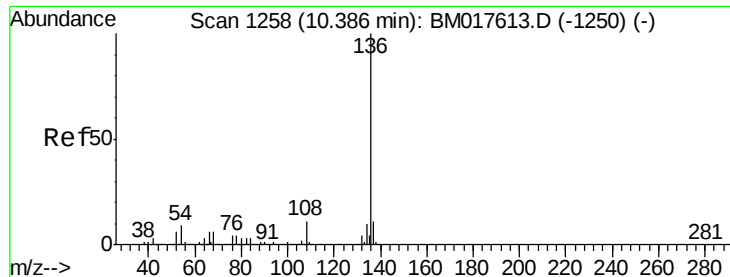
mohammad
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#20
3+4-Methylphenols
Concen: 42.029 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	67.0	107.0	
77	35.5	15.6	55.6	
79	32.4	11.7	51.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1252

Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1024378

Ion Ratio Lower Upper

136 100

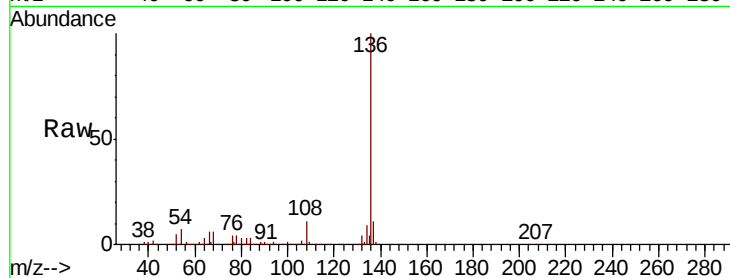
137 11.1 8.6 12.8

54 7.1 7.0 10.6

68 6.1 4.9 7.3

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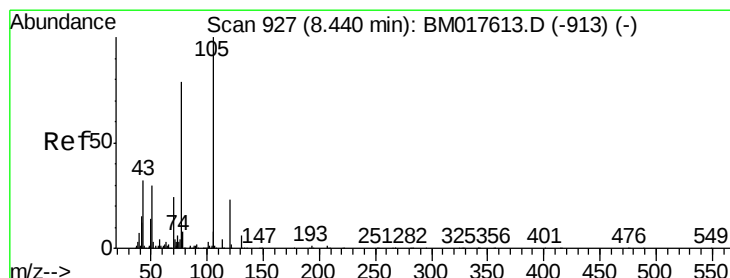
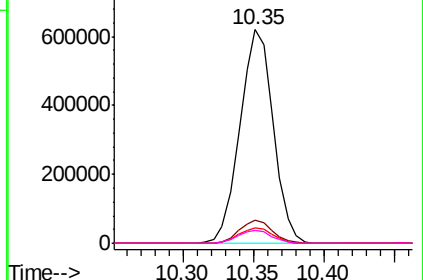
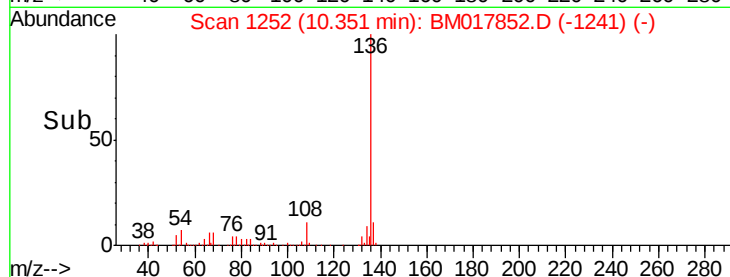


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.898 ng

RT: 8.40 min Scan# 921

Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tgt Ion:105 Resp: 1096768

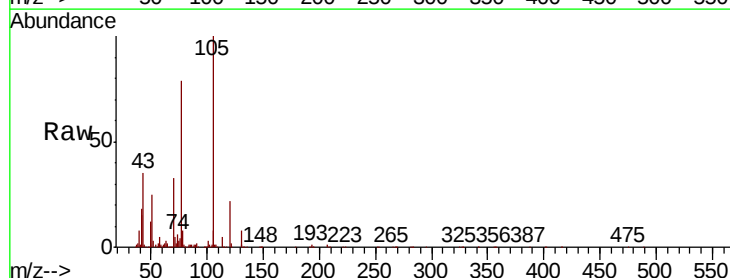
Ion Ratio Lower Upper

105 100

71 5.2 3.1 4.7#

51 25.4 23.8 35.8

120 22.0 18.0 27.0

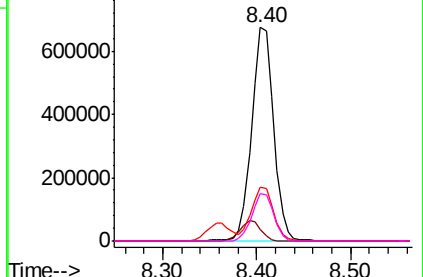
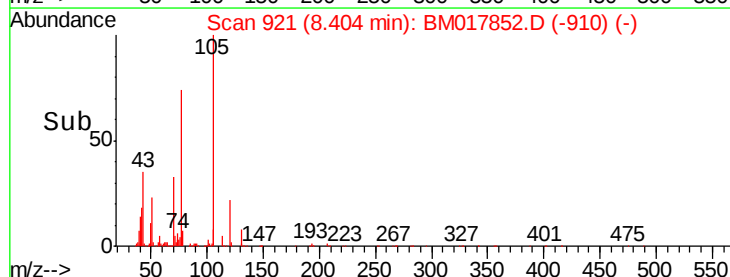


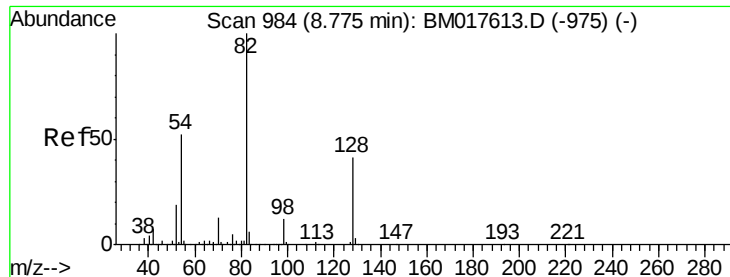
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





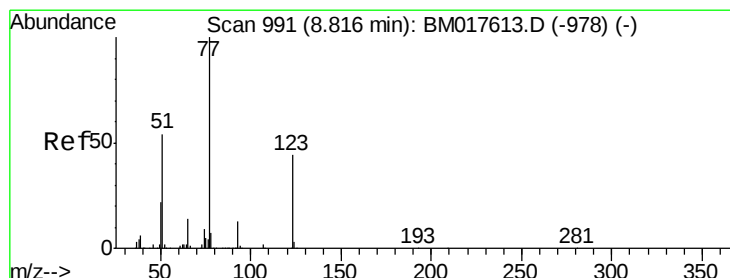
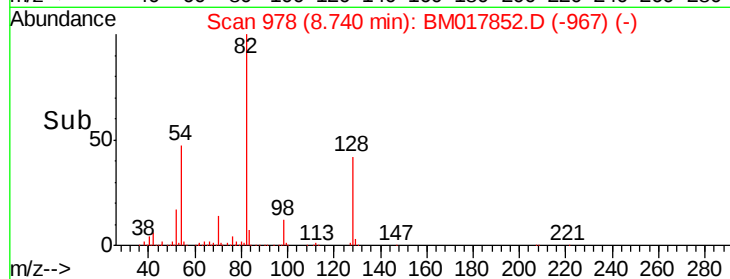
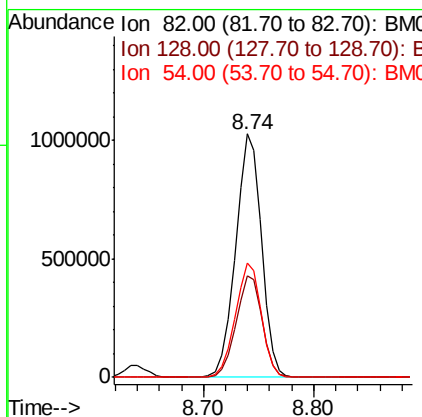
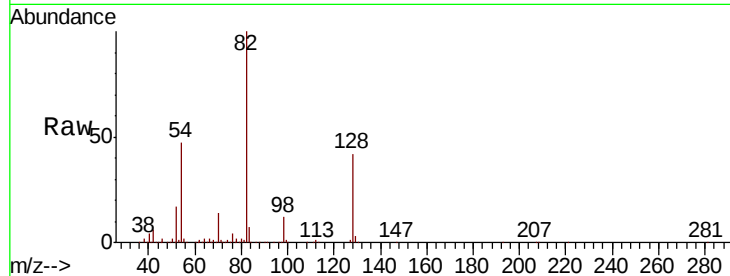
#23
 Nitrobenzene-d5
 Concen: 85.173 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.04 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Instrument :
 BNA_M
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.0	49.4
54	46.9	41.4	62.2

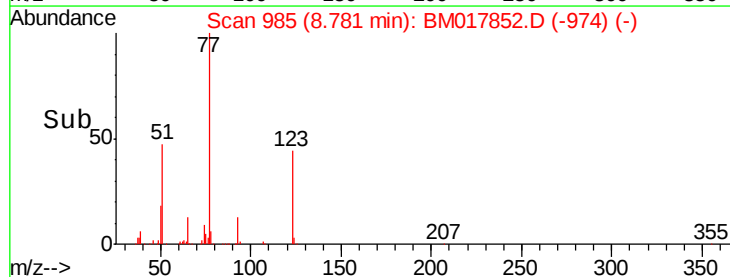
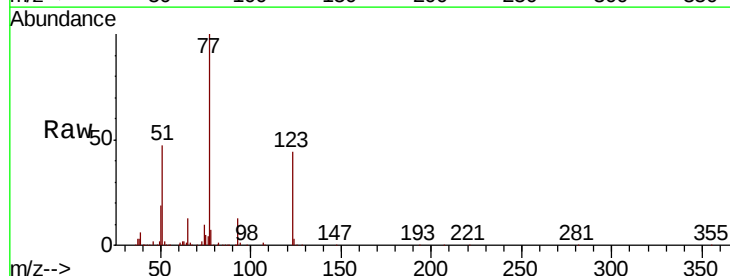
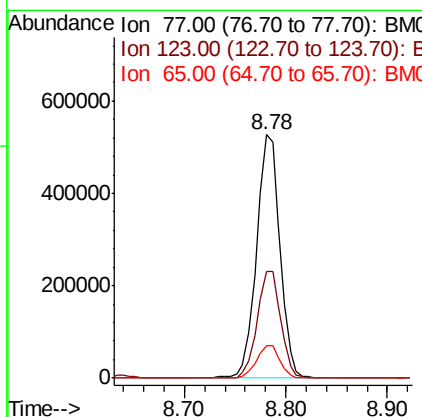
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#24
 Nitrobenzene
 Concen: 41.836 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.04 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.1	52.7
65	13.3	11.0	16.6





#25

Isophorone

Concen: 44.216 ng

RT: 9.30 min Scan# 1074

Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1355110

Ion Ratio Lower Upper

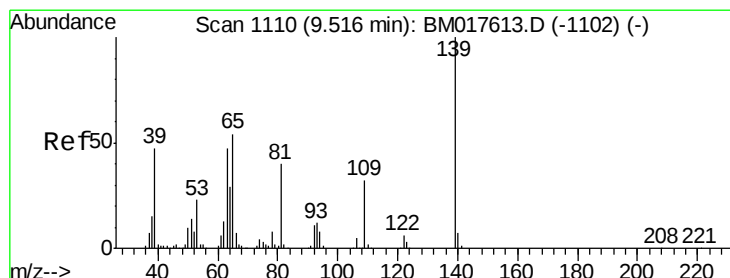
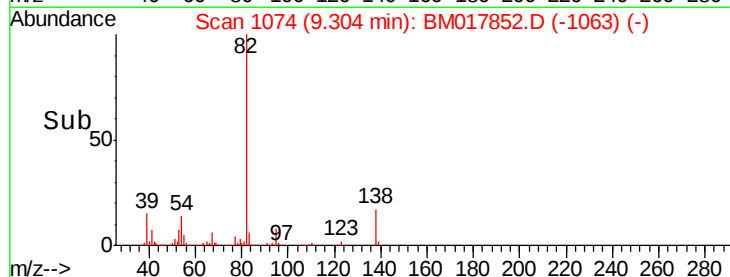
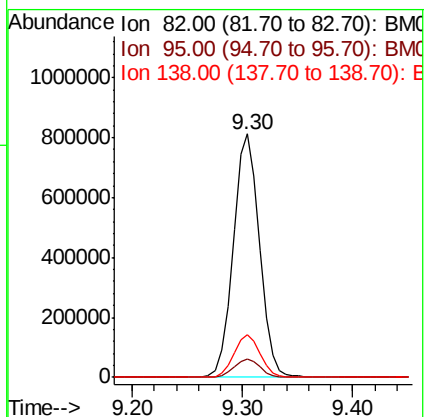
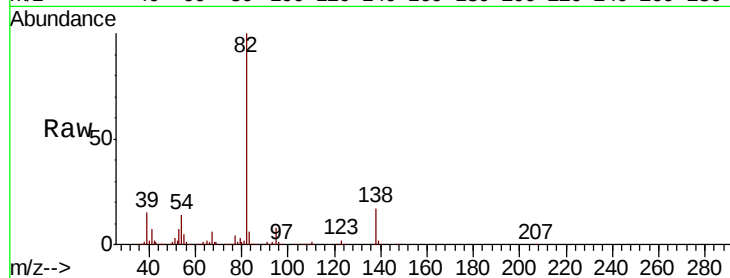
82 100

95 7.6 6.1 9.1

138 17.3 13.9 20.9

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#26

2-Nitrophenol

Concen: 44.521 ng

RT: 9.48 min Scan# 1104

Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

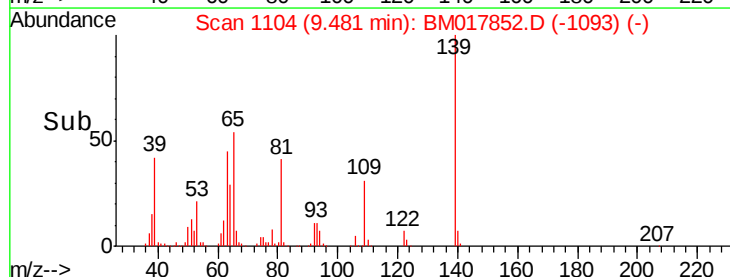
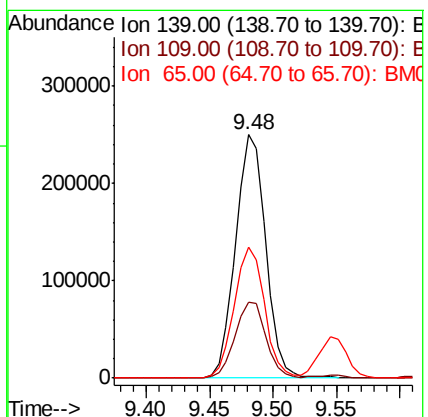
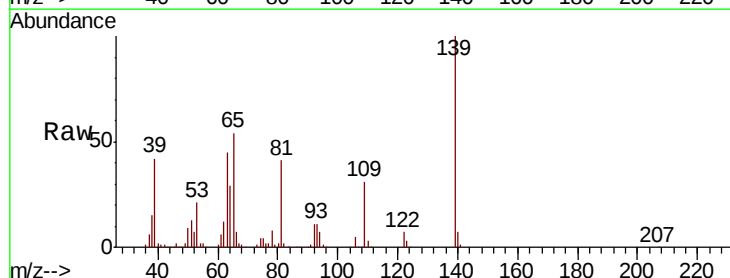
Tgt Ion: 139 Resp: 412850

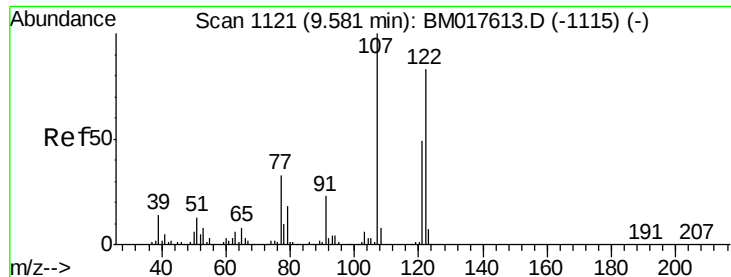
Ion Ratio Lower Upper

139 100

109 31.4 25.9 38.9

65 54.0 43.0 64.4





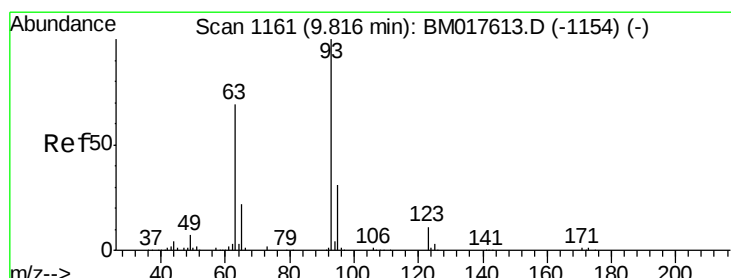
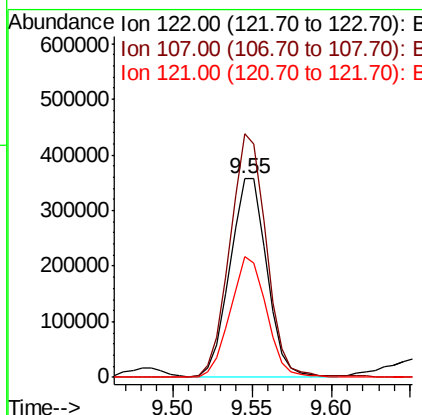
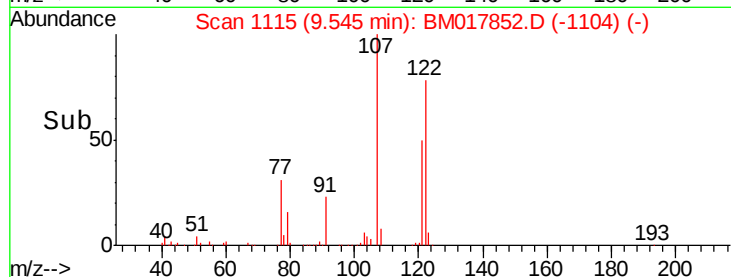
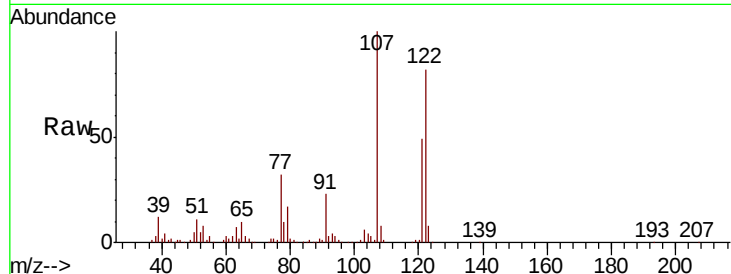
#27
2,4-Dimethylphenol
Concen: 43.086 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	575818		
107	122.6	95.8	143.8	
121	60.7	47.2	70.8	

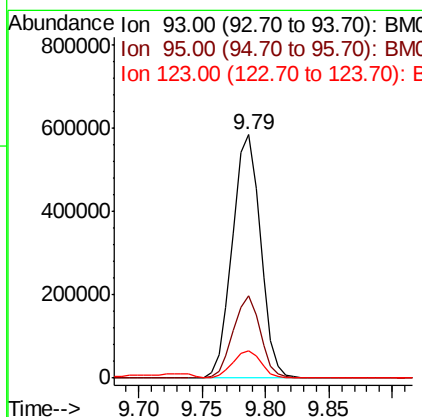
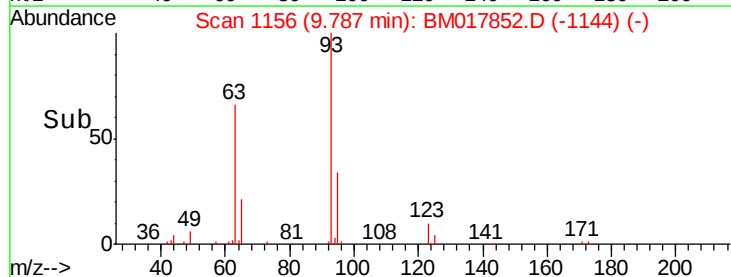
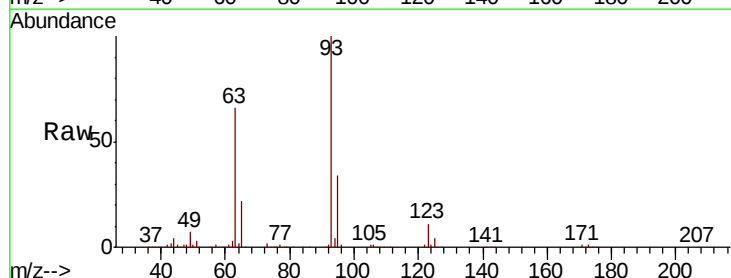
Manual Integrations
APPROVED

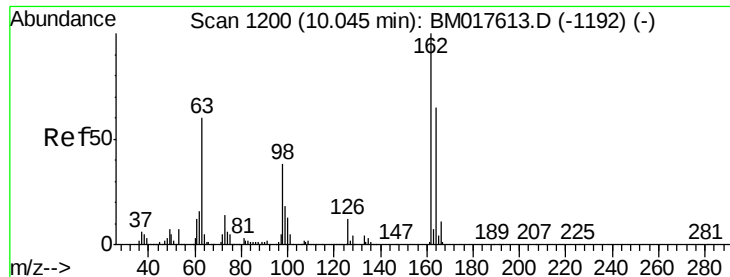
mohammad
12/3/2018 4:58:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.159 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	895855		
95	34.0	24.9	37.3	
123	11.0	8.7	13.1	





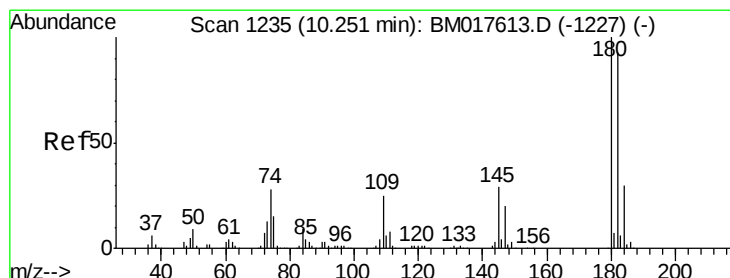
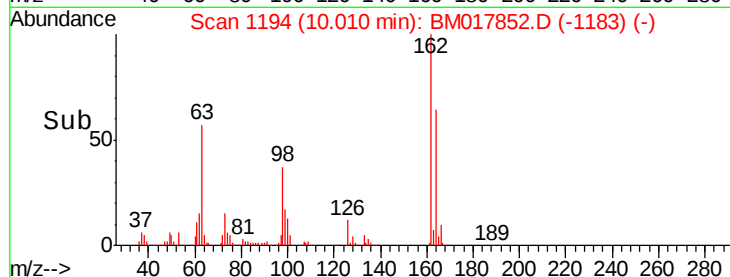
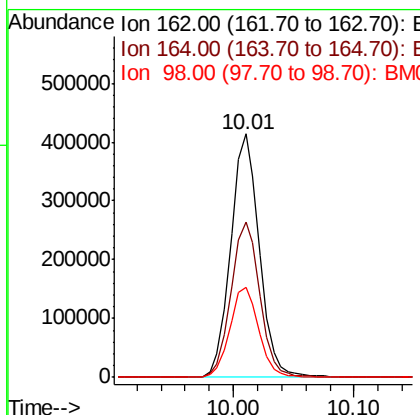
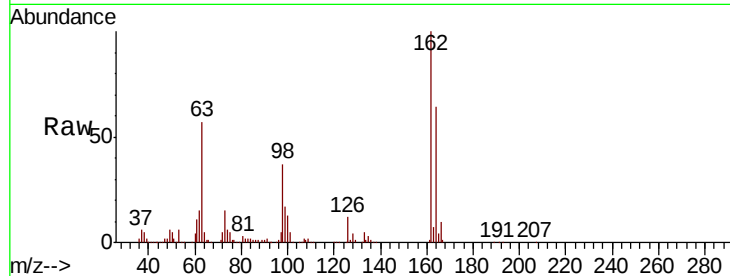
#29
 2,4-Dichlorophenol
 Concen: 44.131 ng
 RT: 10.01 min Scan# 1194
 Delta R.T. -0.04 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	684637		
164	63.7	45.0	85.0	
98	36.8	17.5	57.5	

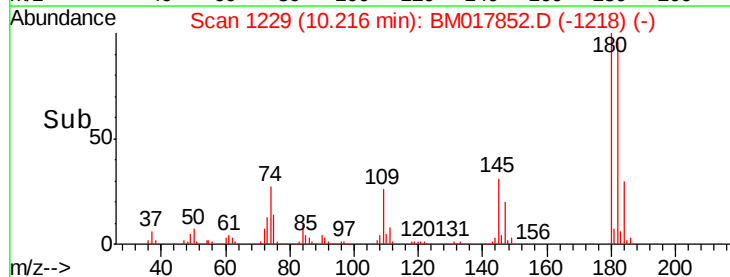
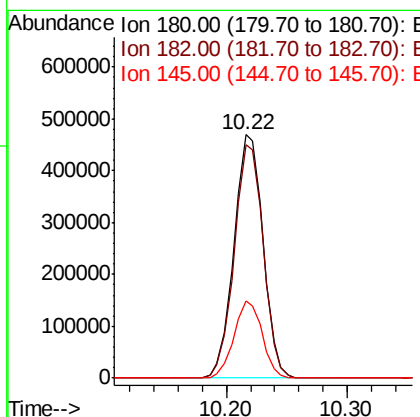
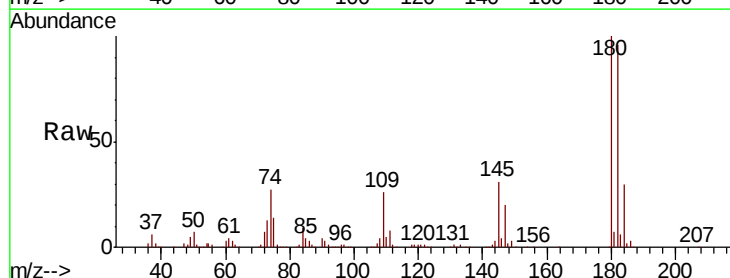
Manual Integrations
 APPROVED

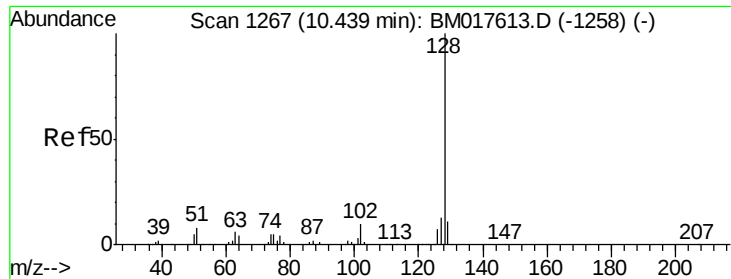
mohammad
 12/3/2018 4:58:25 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.653 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. -0.04 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	787651		
182	95.7	74.4	111.6	
145	31.5	23.5	35.3	





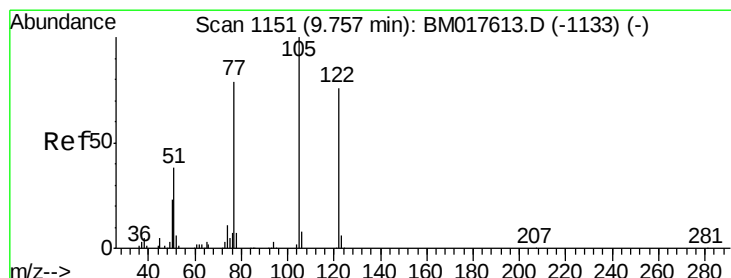
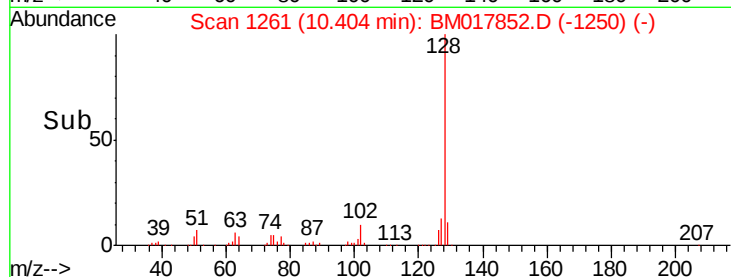
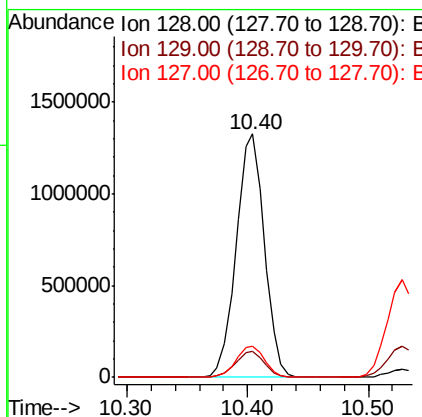
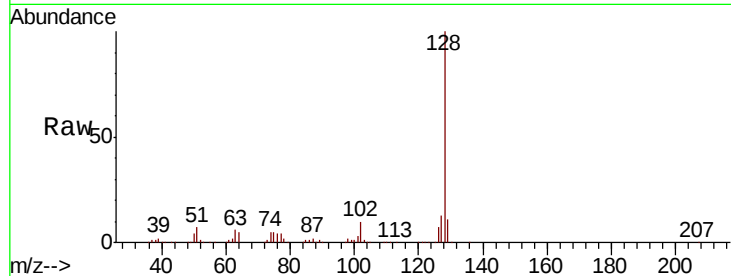
#31
Naphthalene
Concen: 42.721 ng
RT: 10.40 min Scan# 1261
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.9	10.3	15.5

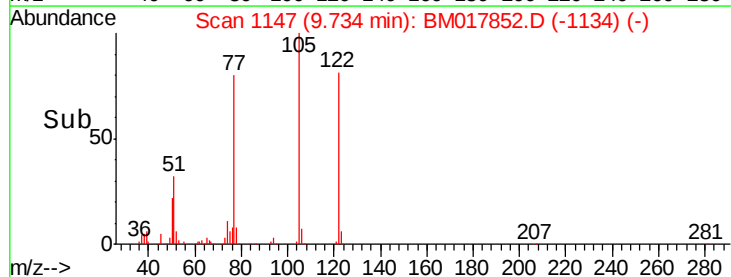
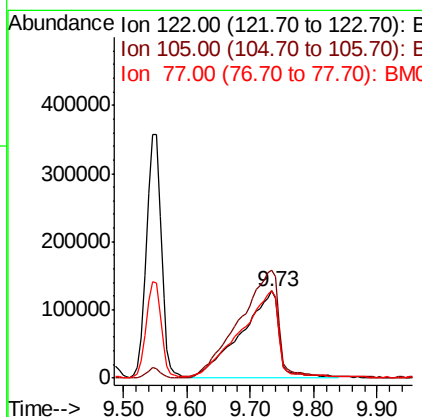
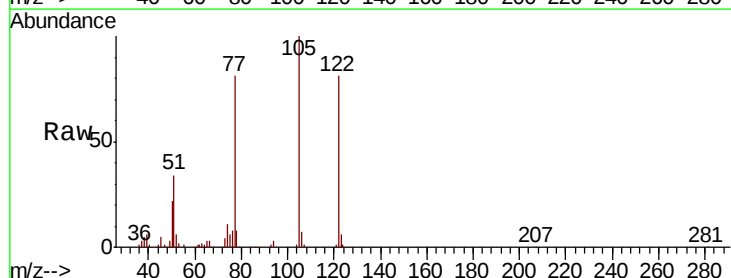
Manual Integrations
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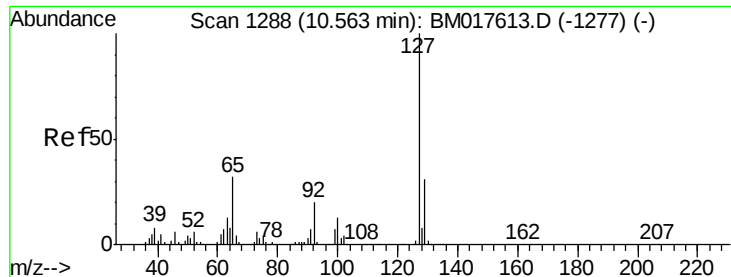
mohammad
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#32
Benzoic acid
Concen: 42.783 ng m
RT: 9.73 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	109.1	149.1
77	100.2	82.1	122.1





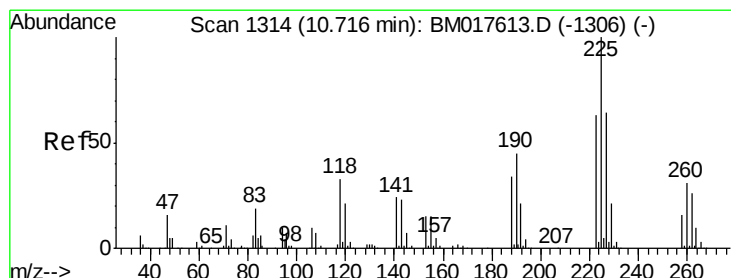
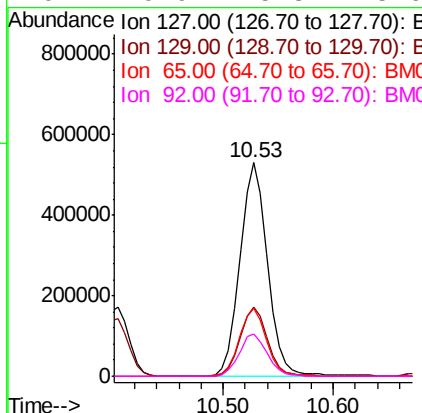
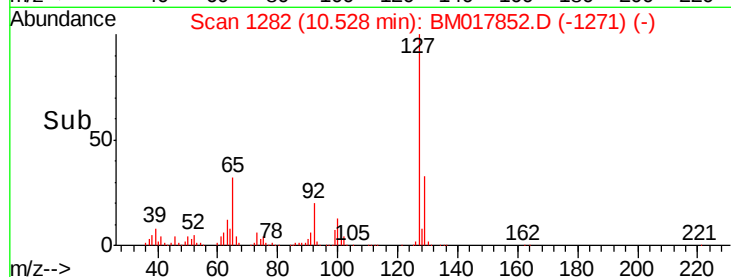
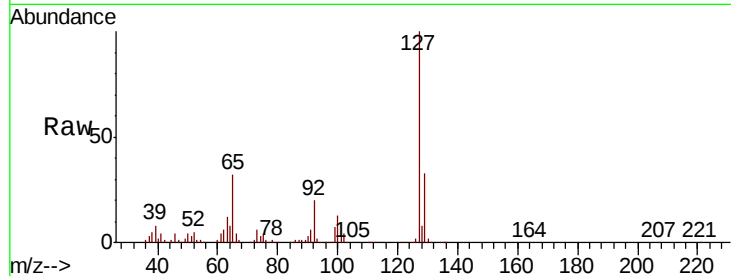
#33
4-Chloroaniline
Concen: 42.191 ng
RT: 10.53 min Scan# 1282
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.0	37.4	
65	32.0	25.8	38.8	
92	19.9	15.8	23.6	

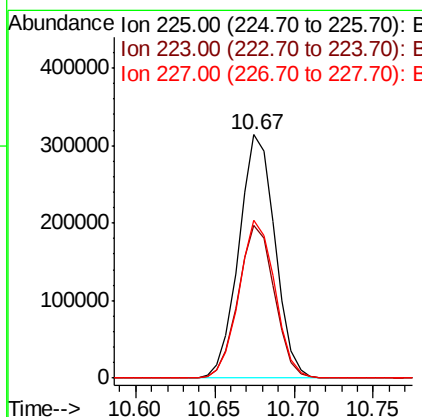
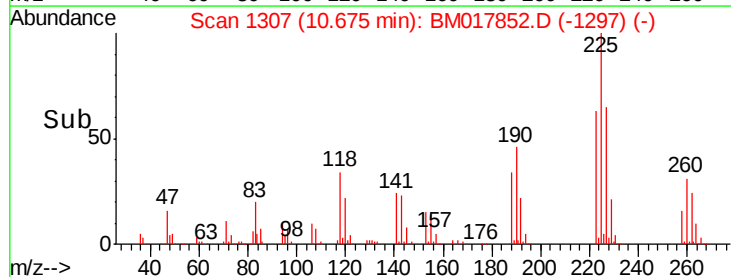
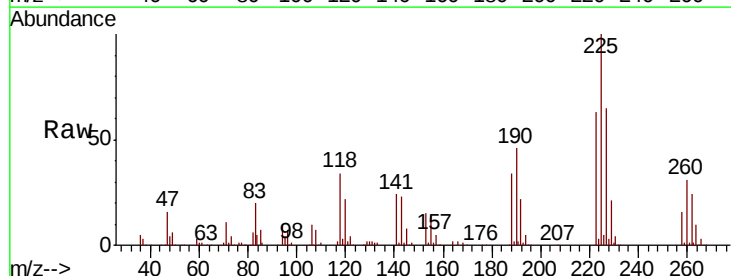
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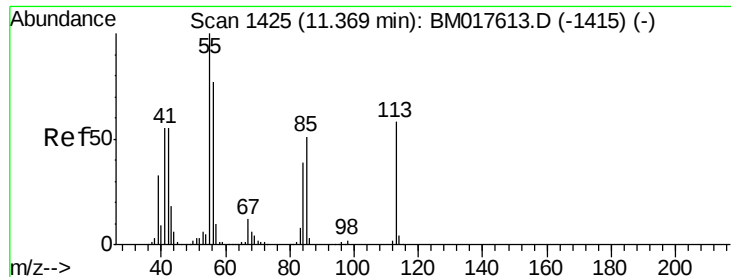
mohammad
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#34
Hexachlorobutadiene
Concen: 44.313 ng
RT: 10.67 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.7	76.1	
227	64.7	51.0	76.4	





#35

Caprolactam

Concen: 41.055 ng/mL

RT: 11.34 min Scan# 1420

Delta R.T. -0.03 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 234553

Ion Ratio Lower Upper

113 100

55 142.6 153.1 193.1#

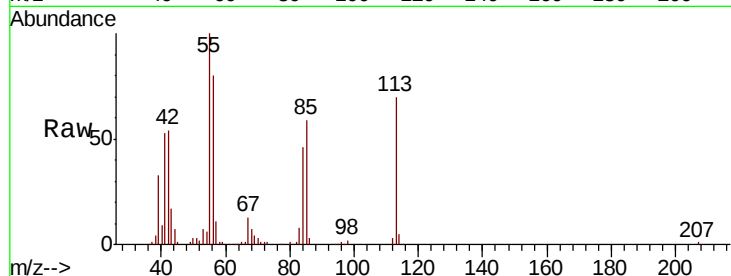
56 114.1 112.7 152.7

Manual Integrations

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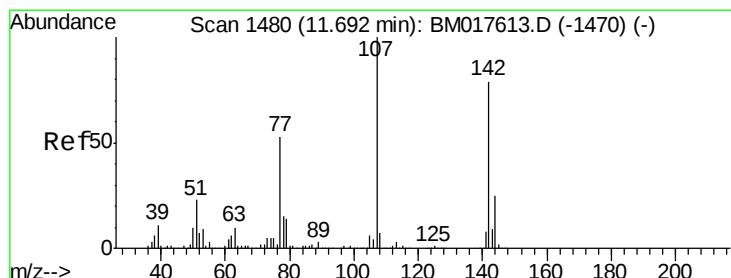
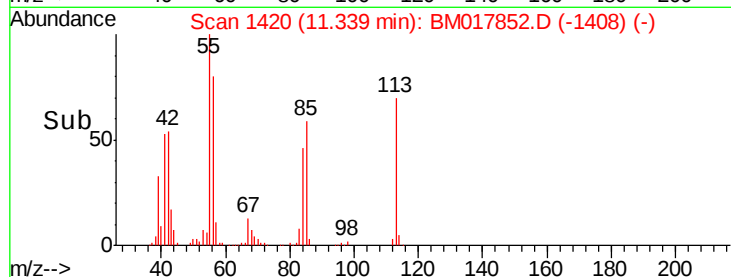
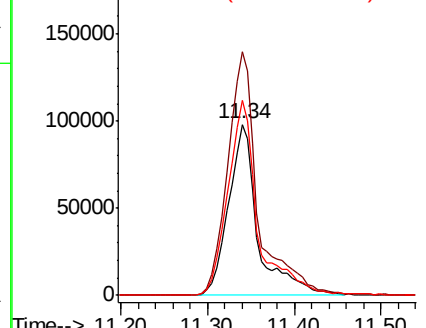
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.003 ng/mL

RT: 11.66 min Scan# 1474

Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

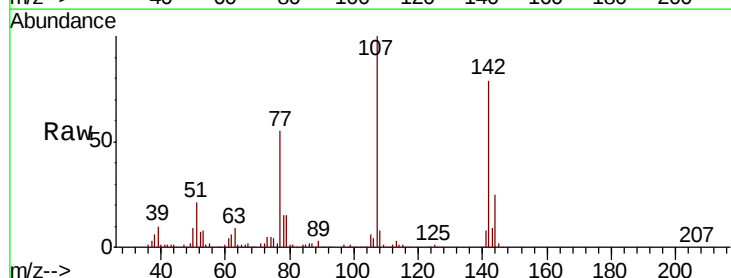
Tgt Ion:107 Resp: 752344

Ion Ratio Lower Upper

107 100

144 25.1 19.9 29.9

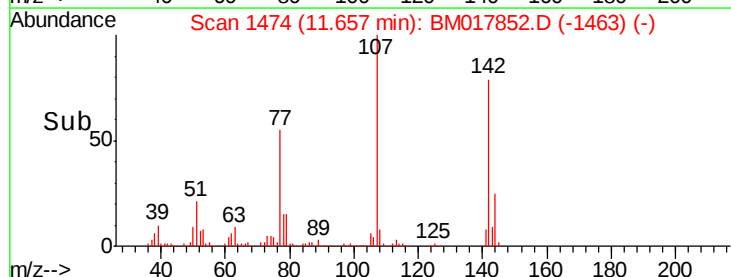
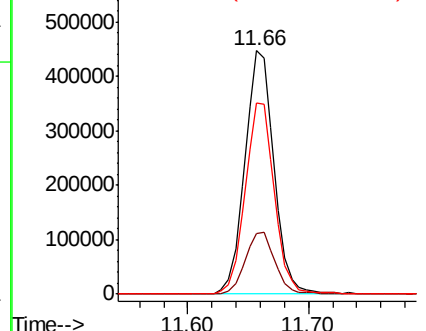
142 78.7 63.0 94.4

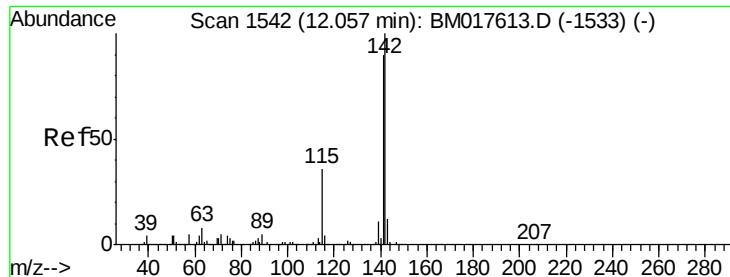


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





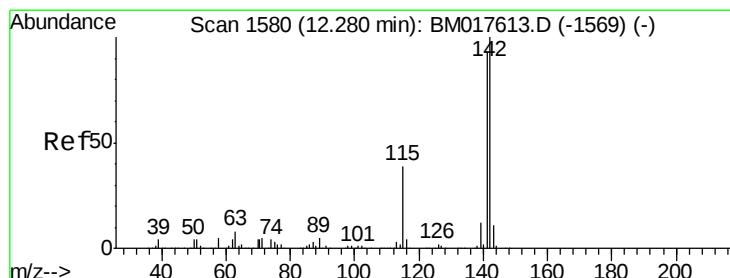
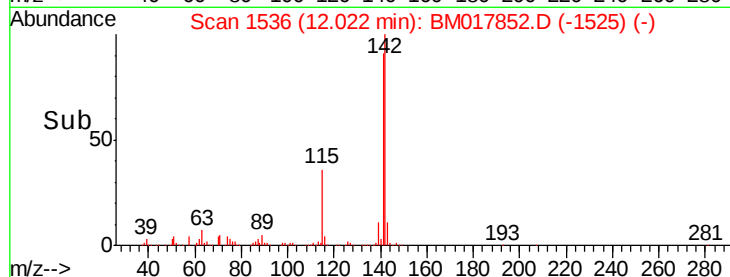
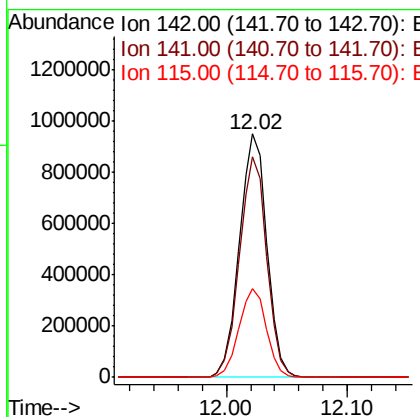
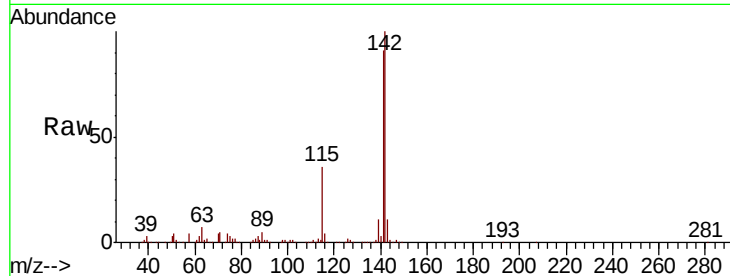
#37
2-Methylnaphthalene
Concen: 42.460 ng
RT: 12.02 min Scan# 1536
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.2	108.4
115	36.4	28.5	42.7

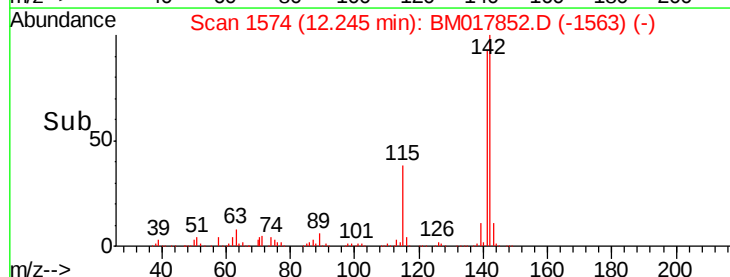
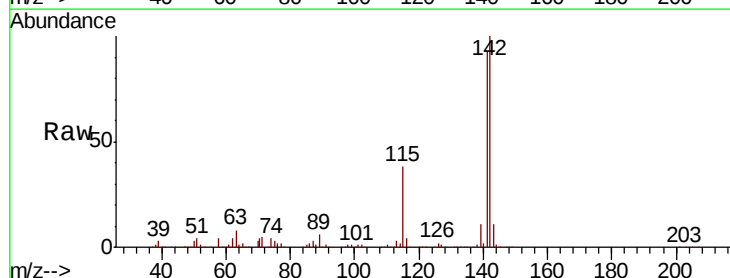
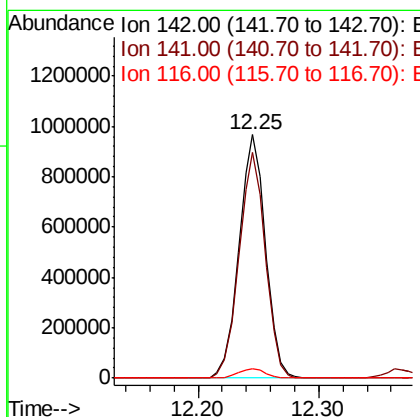
Manual Integrations
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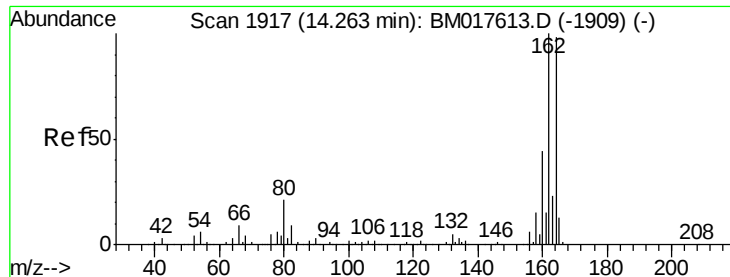
mohammad
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#38
1-Methylnaphthalene
Concen: 42.193 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

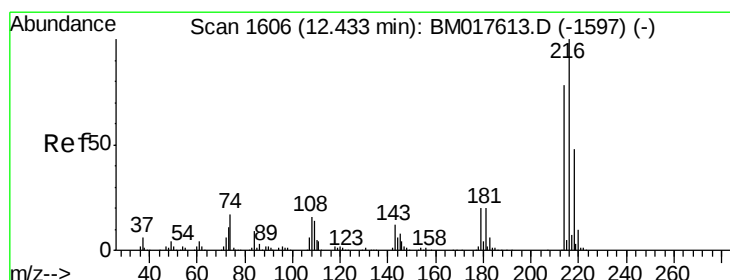
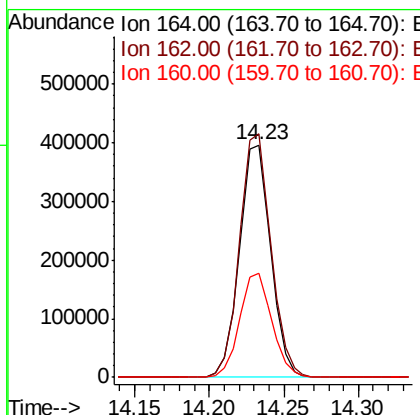
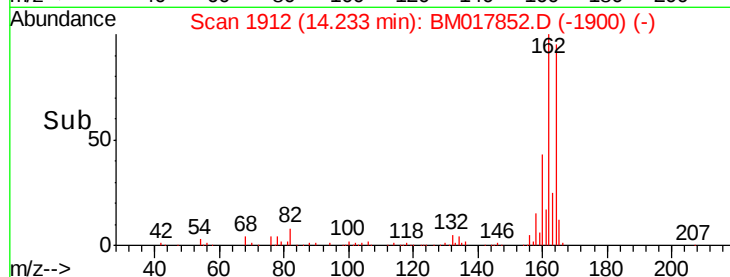
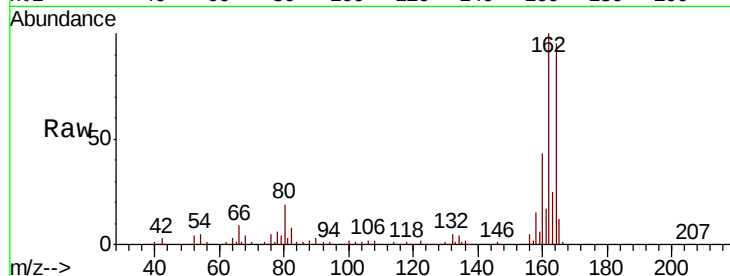
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	575117
Ion Ratio	Lower	Upper	
164	100		
162	104.7	81.4	122.0
160	44.8	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.188 ng

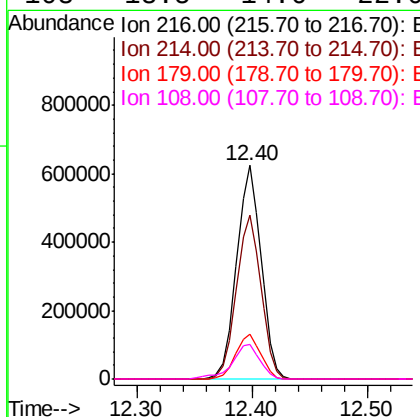
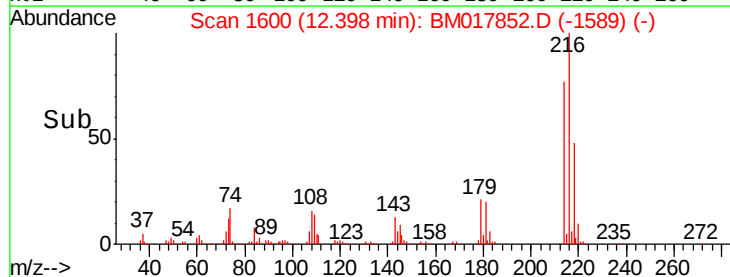
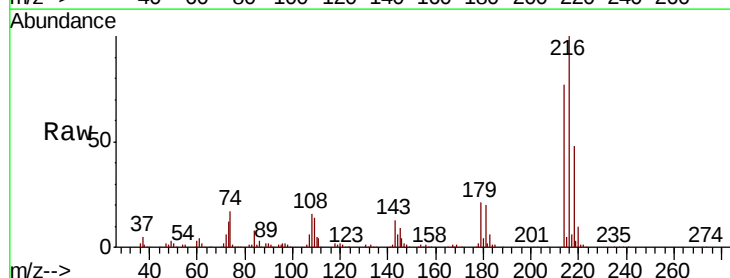
RT: 12.40 min Scan# 1600

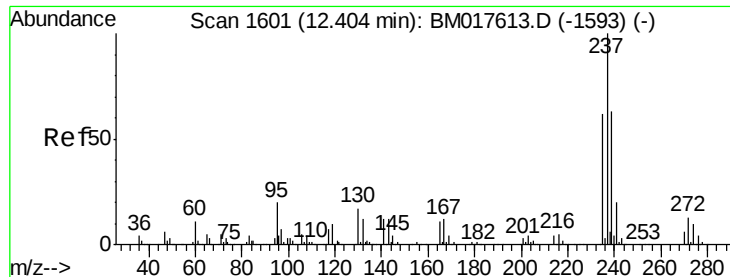
Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tgt Ion:	216	Resp:	916424
Ion Ratio	Lower	Upper	
216	100		
214	77.1	62.5	93.7
179	21.2	16.8	25.2
108	18.5	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 45.246 ng

RT: 12.37 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

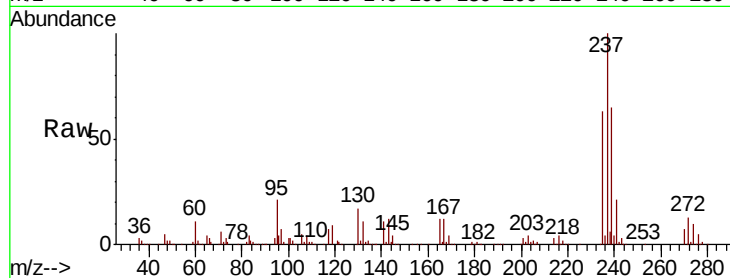
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	474157
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.2	82.2
272	12.9	0.0	32.6

Manual Integrations
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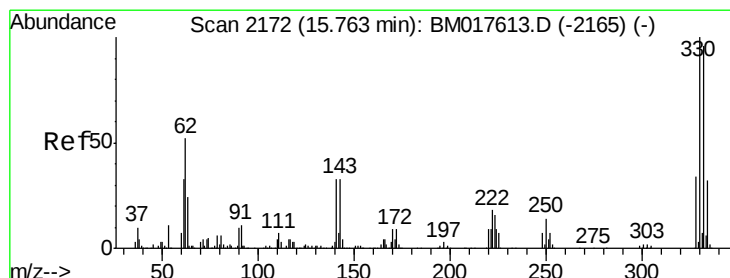
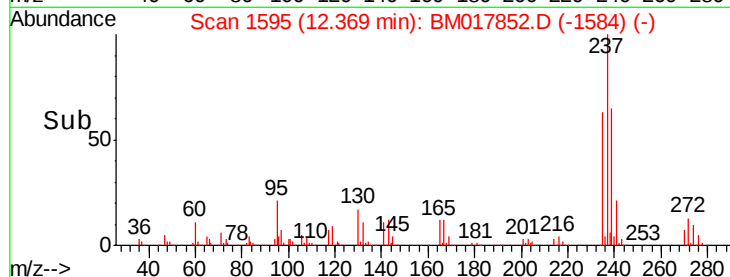
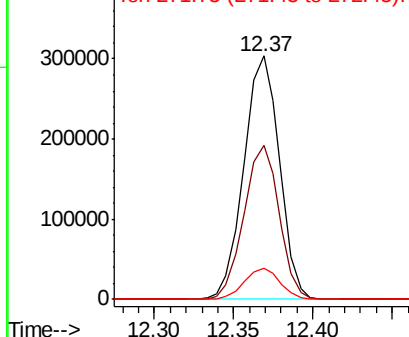


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.845 ng

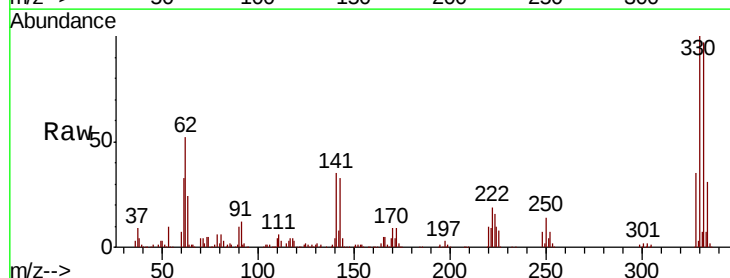
RT: 15.73 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tgt Ion:	330	Resp:	692863
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.9	116.9
141	34.6	27.5	41.3

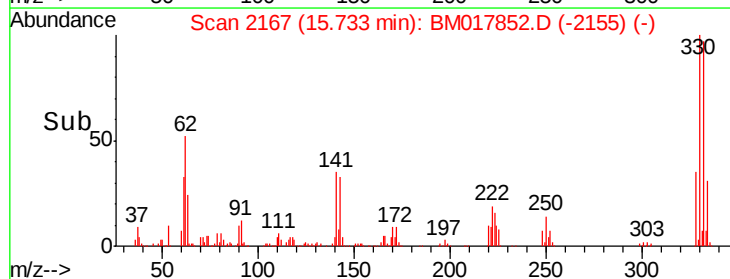
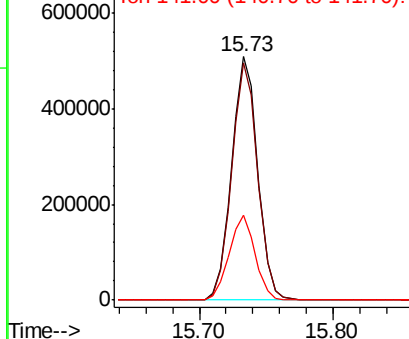


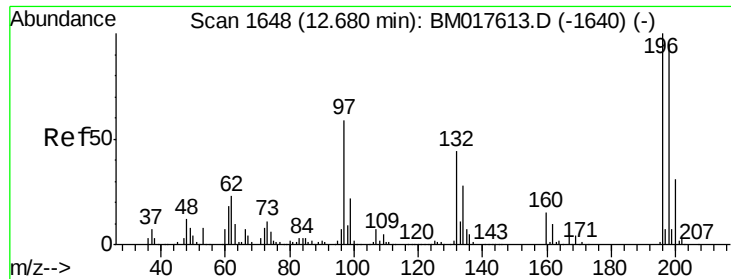
Abundance

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





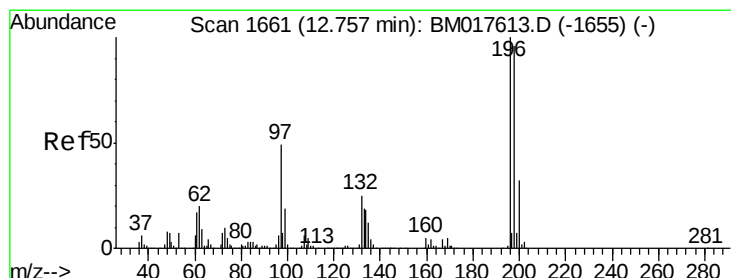
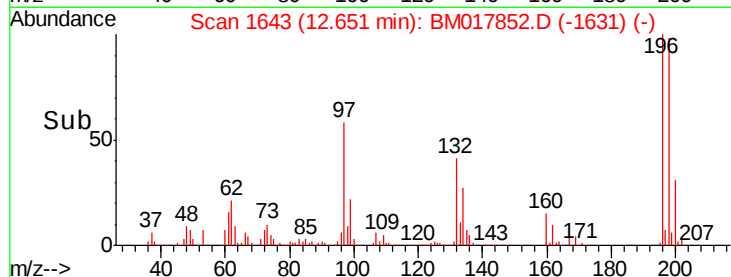
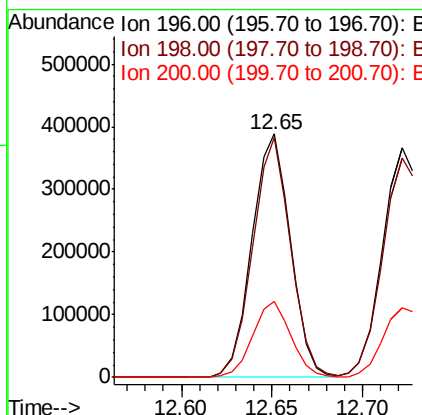
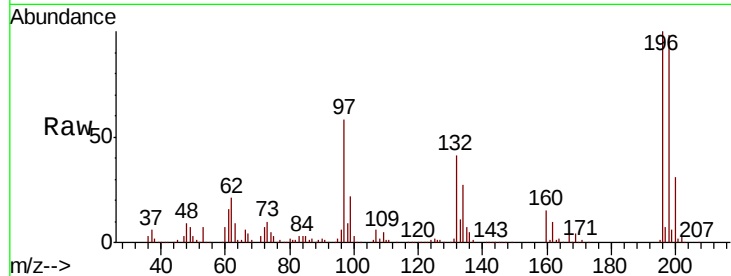
#43
 2,4,6-Trichlorophenol
 Concen: 45.345 ng
 RT: 12.65 min Scan# 1643
 Delta R.T. -0.03 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	576015		
198	98.2	75.6	113.4	
200	31.4	24.8	37.2	

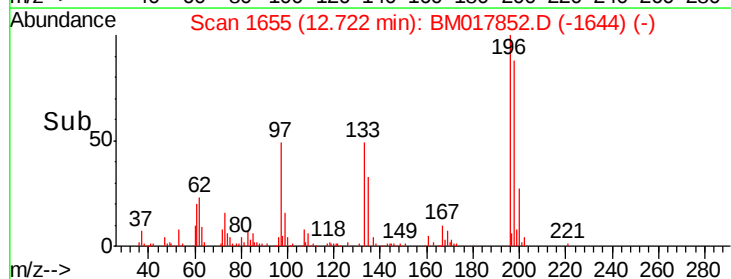
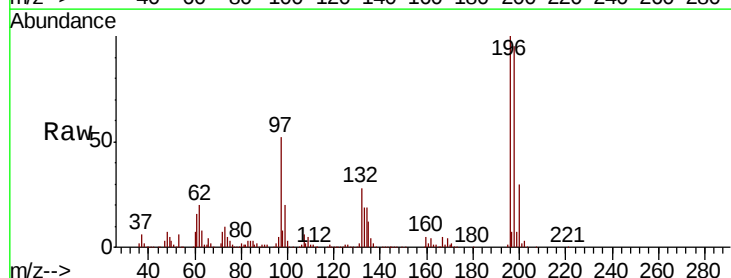
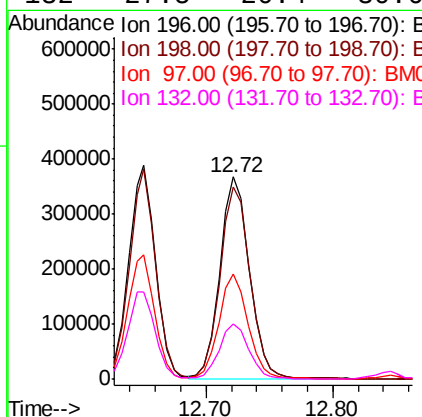
Manual Integrations
 APPROVED

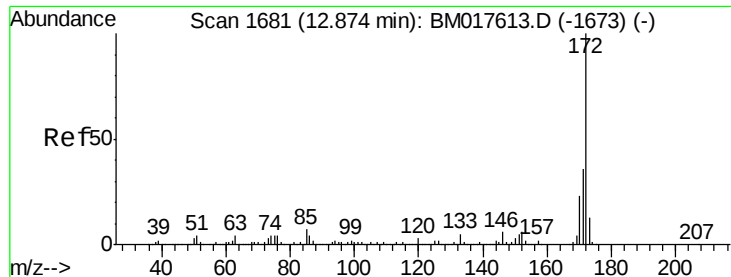
mohammad
 12/3/2018 4:58:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.010 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	590288		
198	95.4	76.8	115.2	
97	52.2	39.0	58.6	
132	27.5	20.4	30.6	





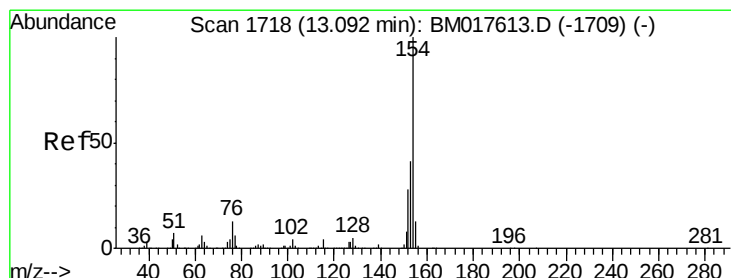
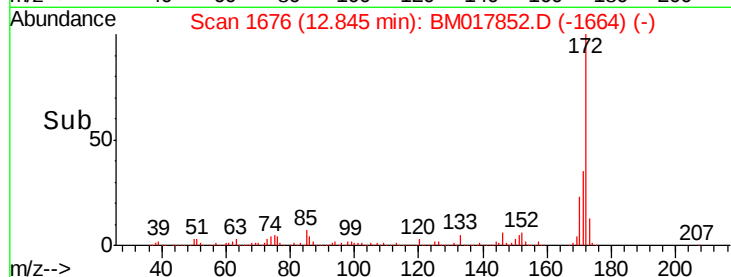
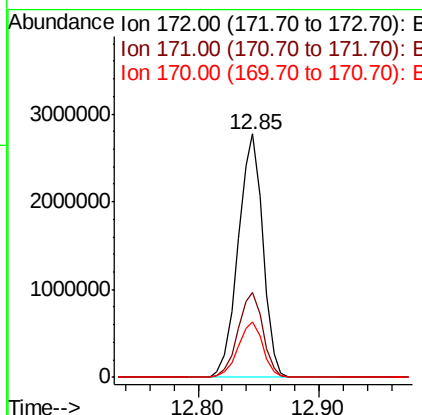
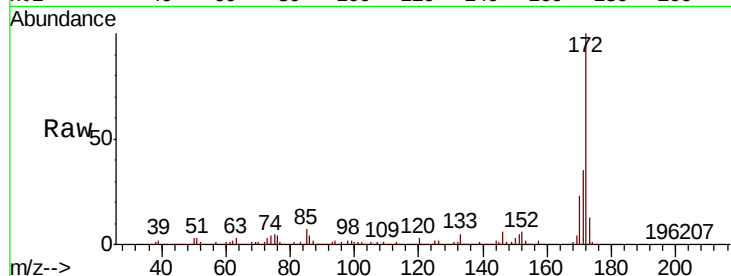
#45
2-Fluorobiphenyl
Concen: 89.004 ng
RT: 12.85 min Scan# 1676
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	22.9	18.3	27.5

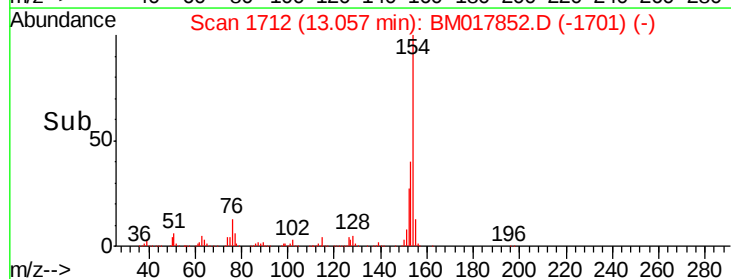
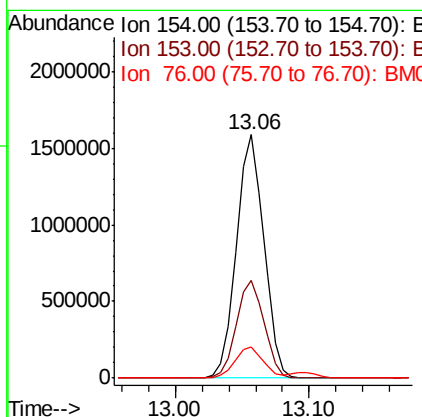
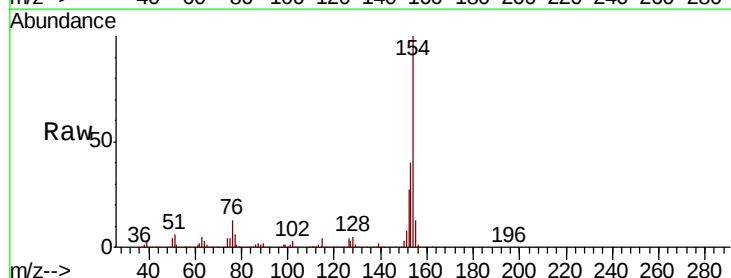
Manual Integrations
APPROVED

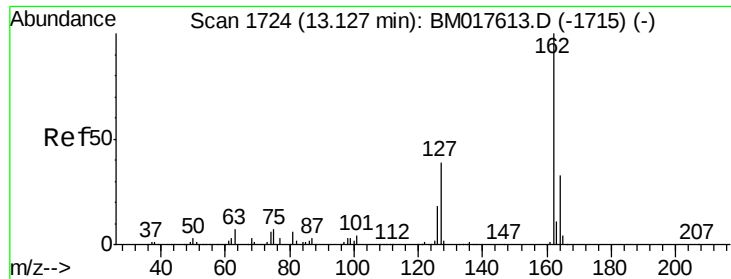
mohammad
12/3/2018 4:58:25 PM



#46
1,1'-Biphenyl
Concen: 43.974 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.8	60.8
76	12.9	0.0	32.8





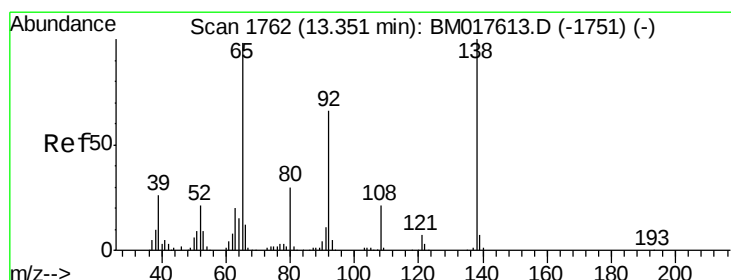
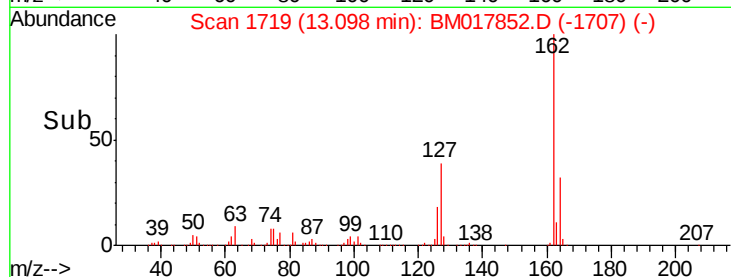
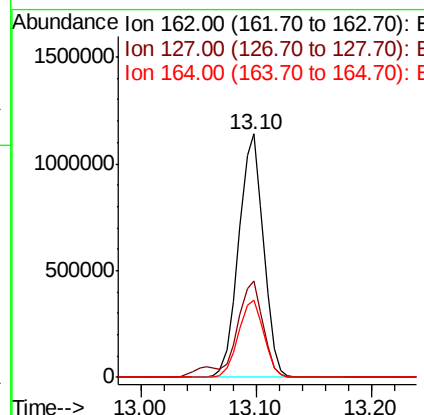
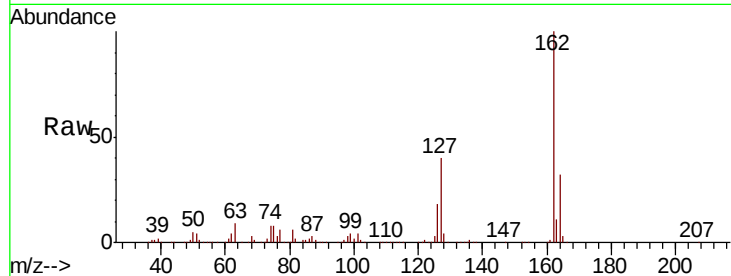
#47
2-Chloronaphthalene
Concen: 44.035 ng
RT: 13.10 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	48.8
164	31.8	26.5	39.7

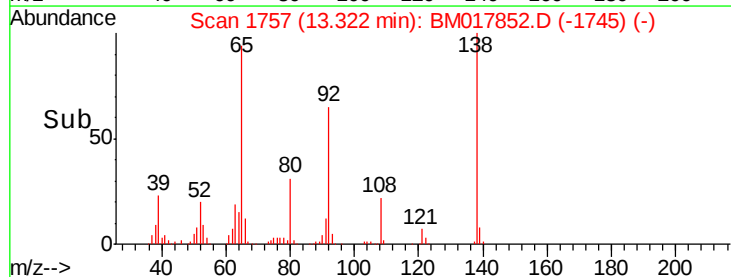
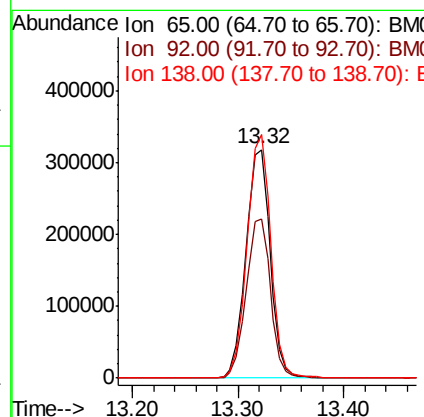
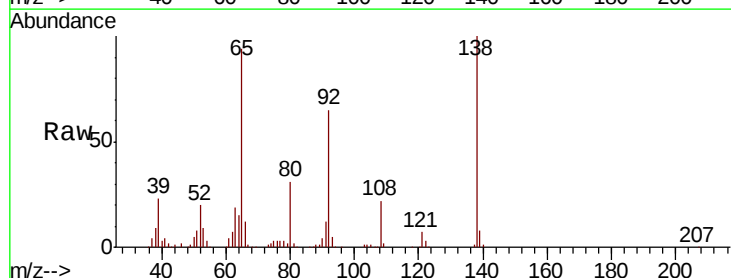
Manual Integrations
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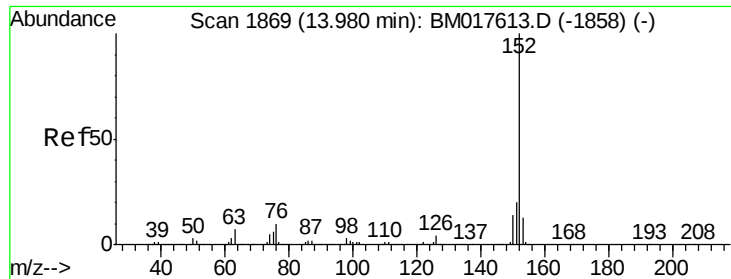
mohammad
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#48
2-Nitroaniline
Concen: 42.897 ng
RT: 13.32 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	53.7	80.5
138	106.4	81.5	122.3





#49

Acenaphthylene

Concen: 43.457 ng

RT: 13.95 min Scan# 1864

Delta R.T. -0.03 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

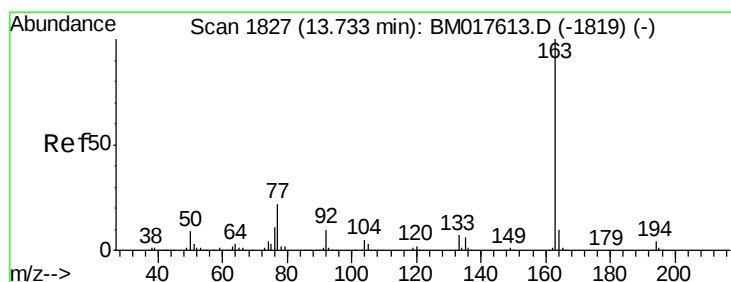
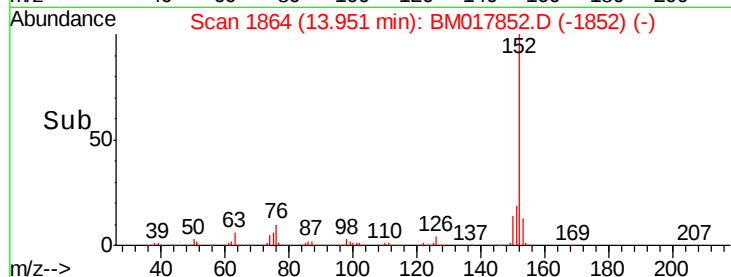
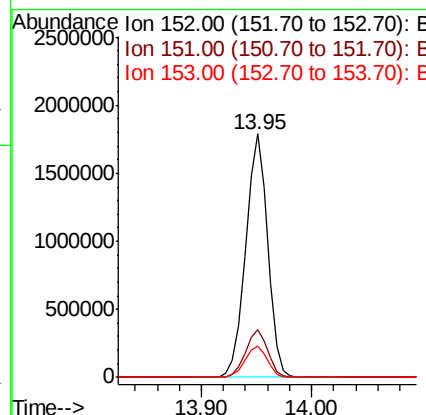
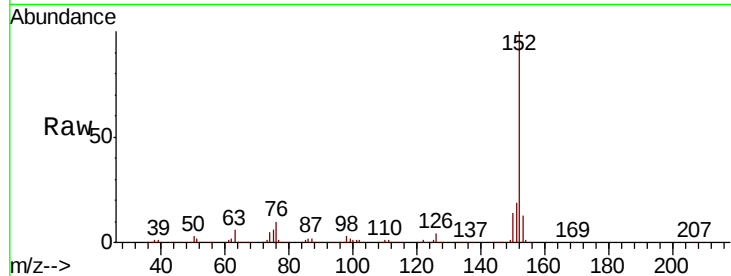
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	2501813
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.8	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.918 ng

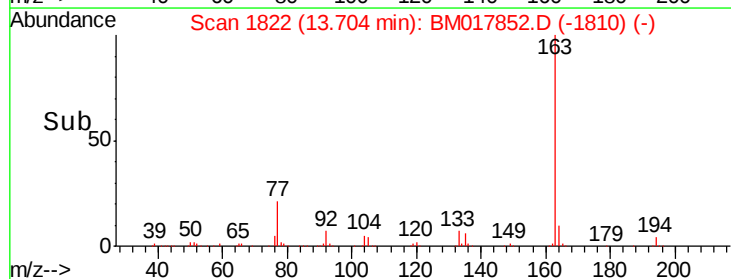
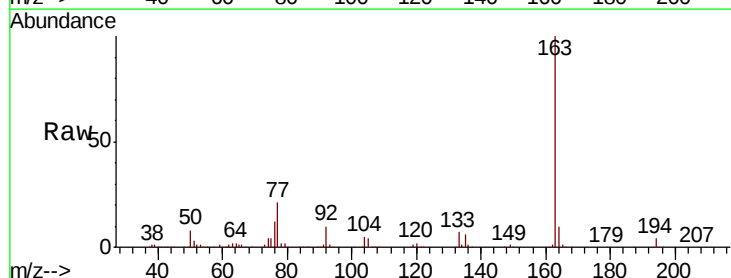
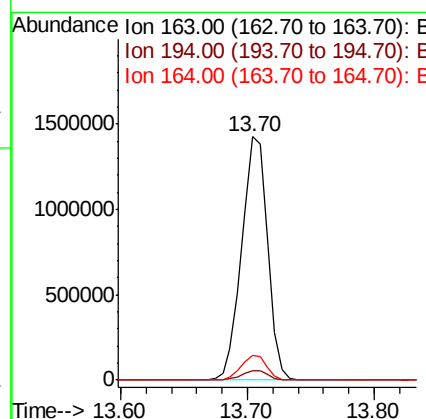
RT: 13.70 min Scan# 1822

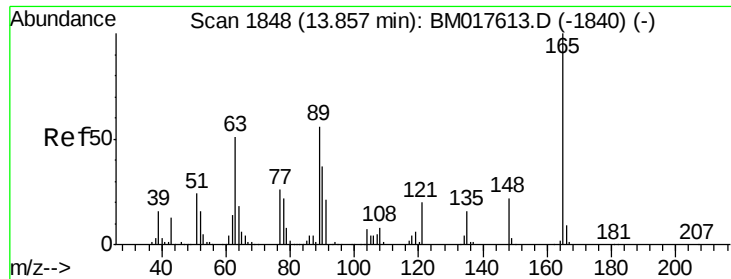
Delta R.T. -0.03 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tgt Ion:	163	Resp:	2006823
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.1	8.2	12.4





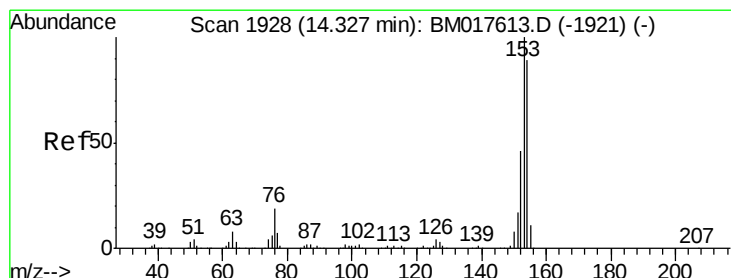
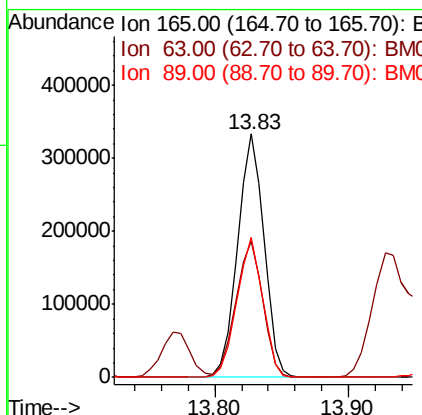
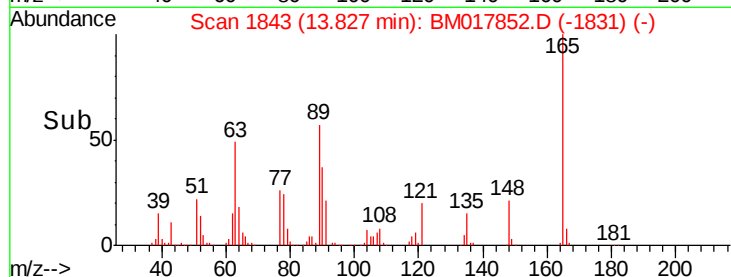
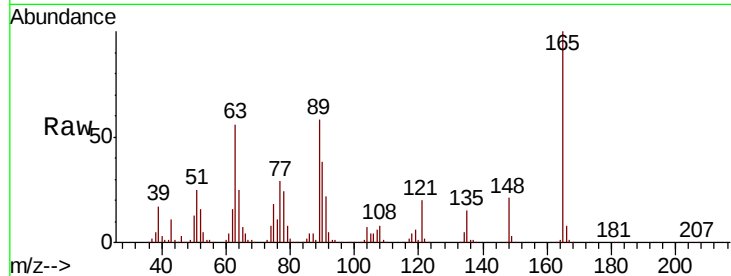
#51
 2,6-Dinitrotoluene
 Concen: 43.824 ng
 RT: 13.83 min Scan# 1843
 Delta R.T. -0.03 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.6	47.3	70.9
89	57.6	44.8	67.2

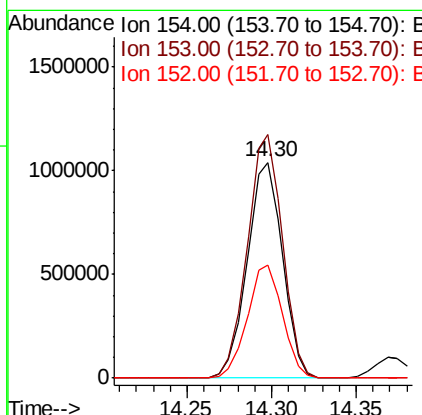
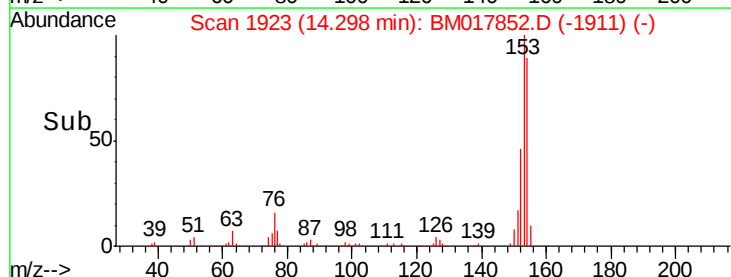
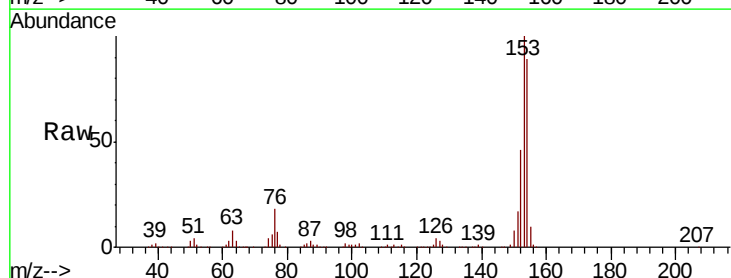
Manual Integrations
 APPROVED

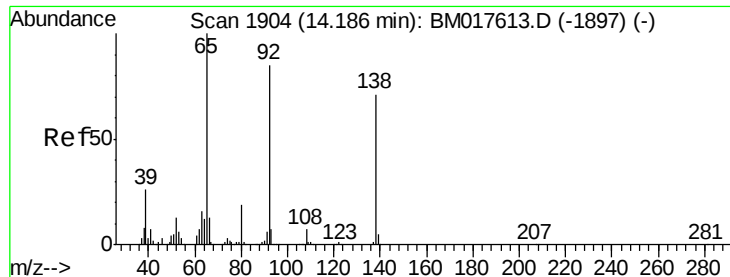
mohammad
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#52
 Acenaphthene
 Concen: 42.837 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.2	135.4
152	52.4	41.6	62.4





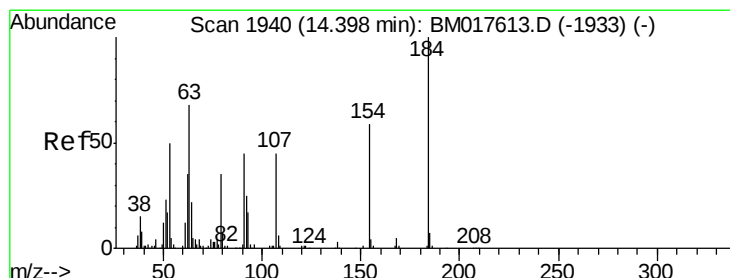
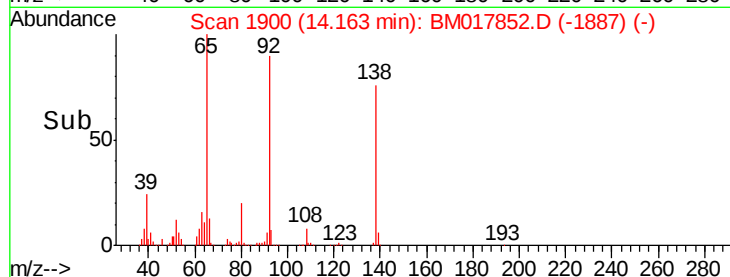
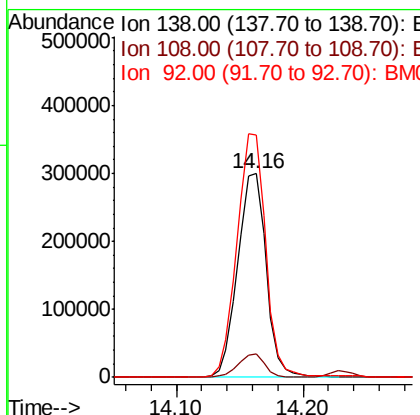
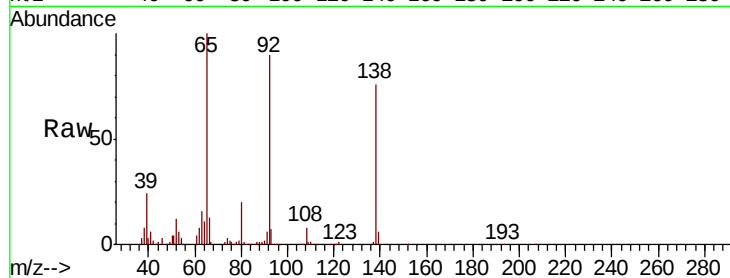
#53
3-Nitroaniline
Concen: 41.450 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	469883		
108	11.2	8.2	12.2	
92	118.9	95.4	143.2	

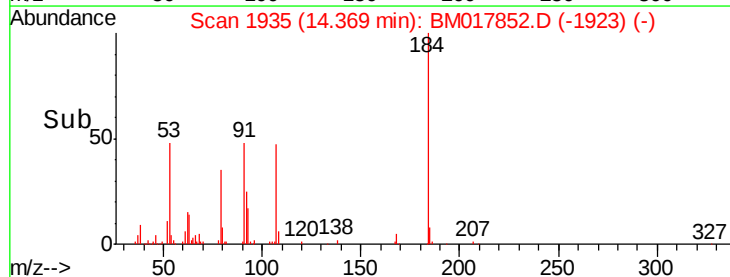
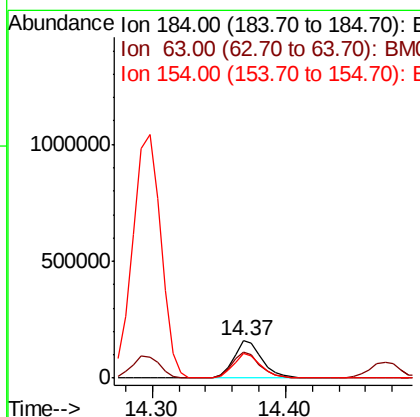
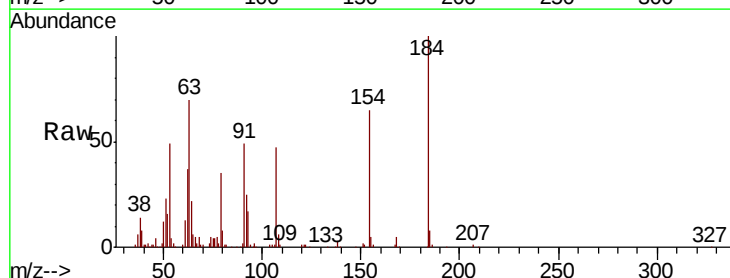
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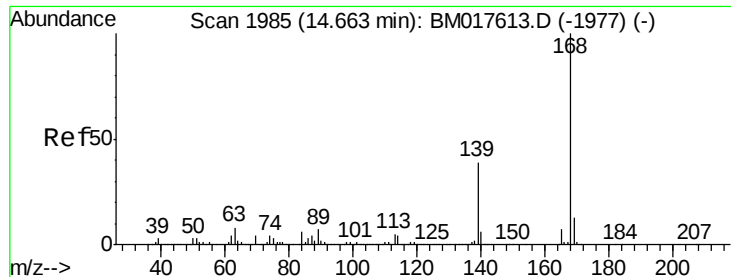
mohammad
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#54
2,4-Dinitrophenol
Concen: 41.153 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	237465		
63	69.9	55.1	82.7	
154	65.4	51.3	76.9	





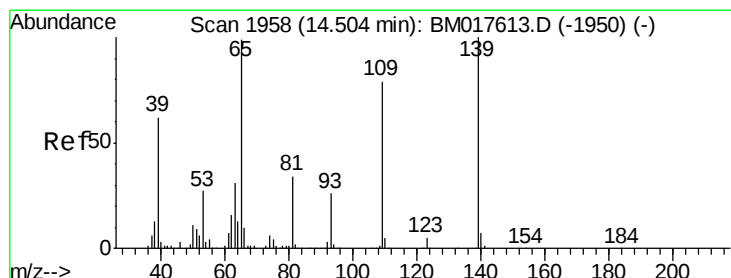
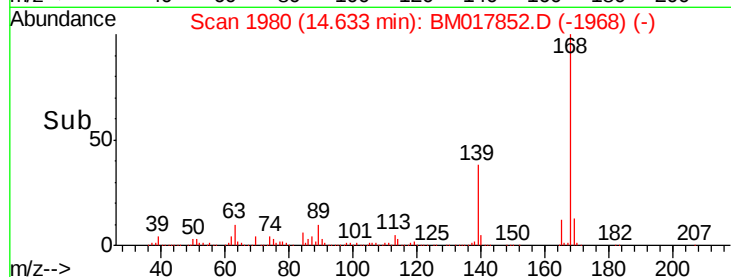
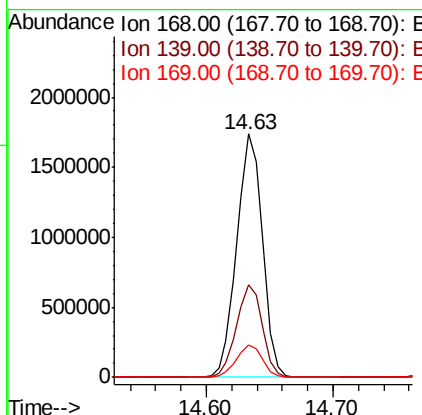
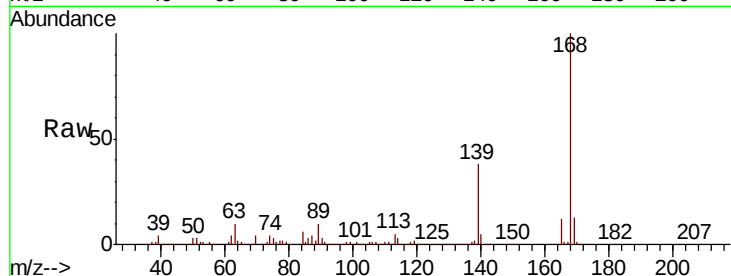
#55
Dibenzofuran
Concen: 42.078 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	31.0	46.6
169	13.2	10.6	16.0

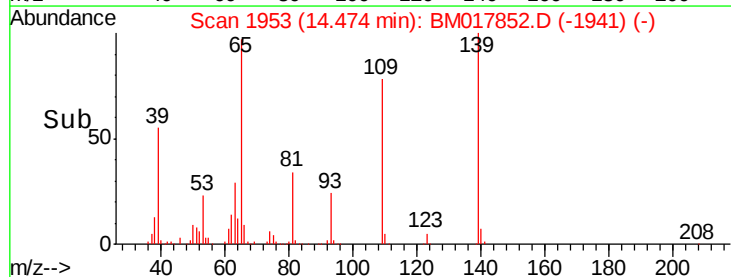
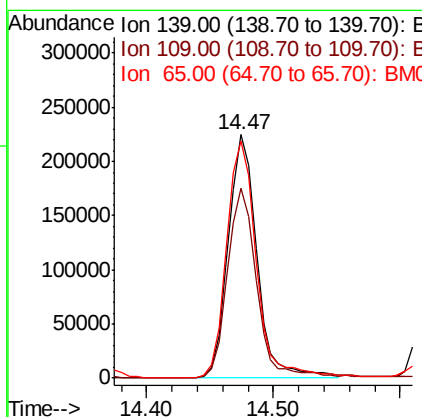
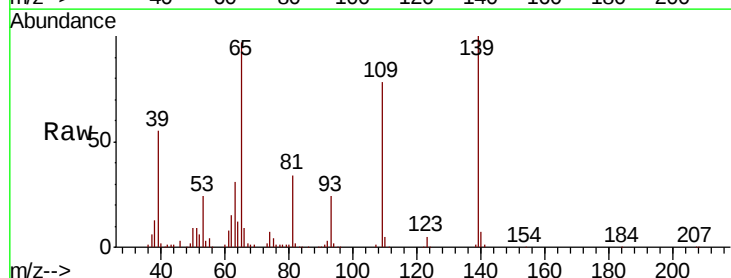
Manual Integrations
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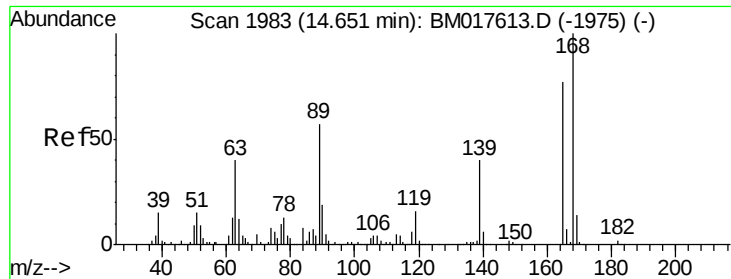
mohammad
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#56
4-Nitrophenol
Concen: 39.789 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.8	58.6	98.6
65	97.2	79.5	119.5





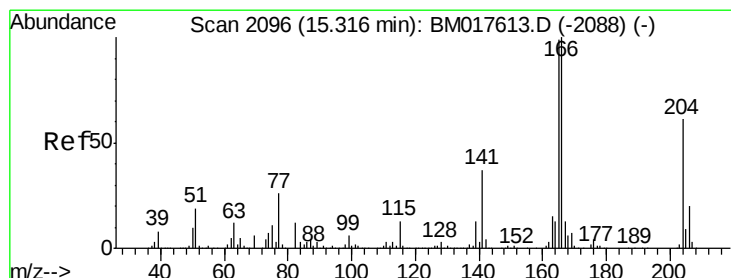
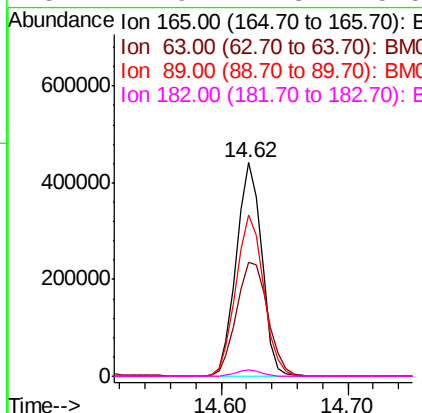
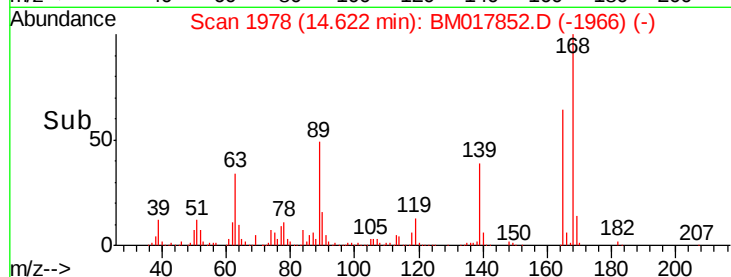
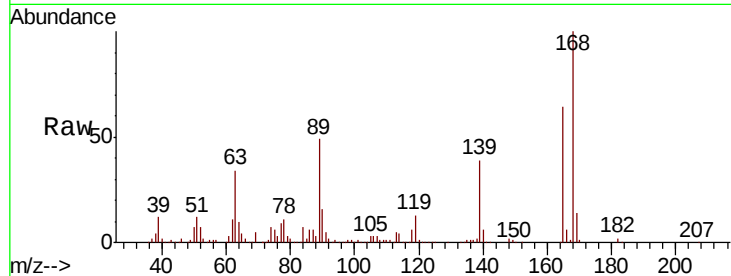
#57
2,4-Dinitrotoluene
Concen: 43.698 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	613321		
63	53.5	41.8	62.8	
89	75.6	59.5	89.3	
182	2.9	2.3	3.5	

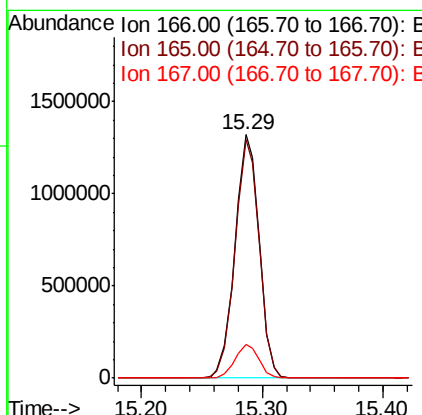
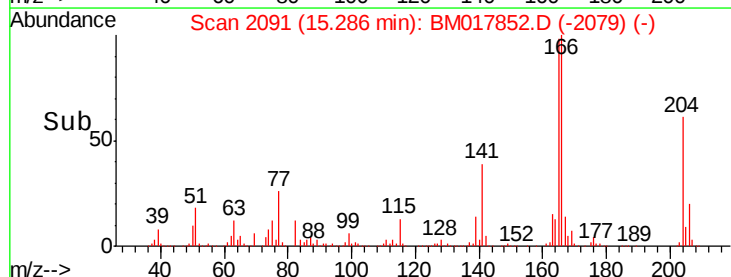
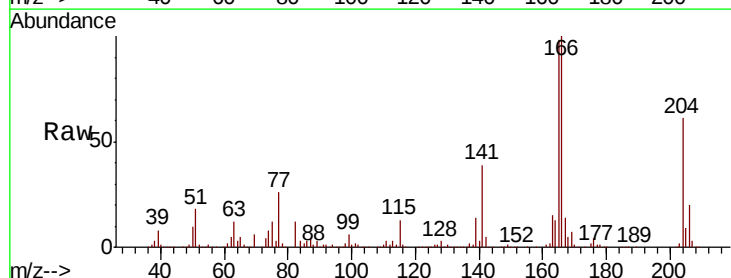
Manual Integrations
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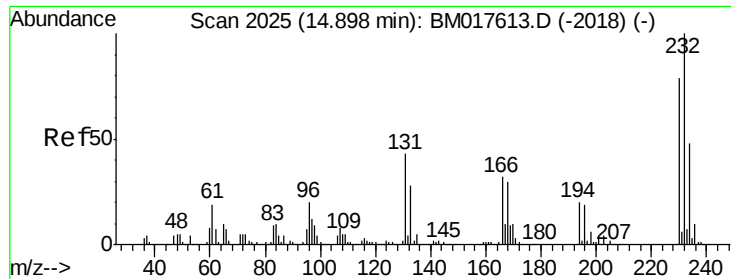
mohammad
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#58
Fluorene
Concen: 41.636 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1840352		
165	97.9	79.0	118.6	
167	13.6	10.8	16.2	





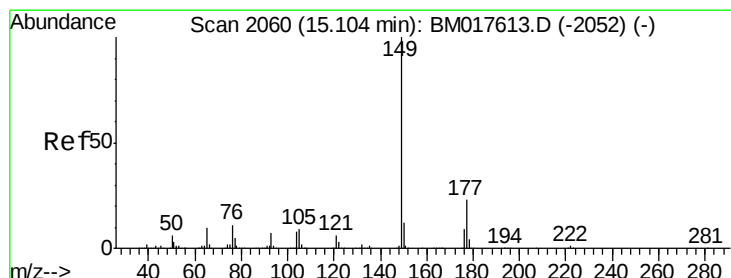
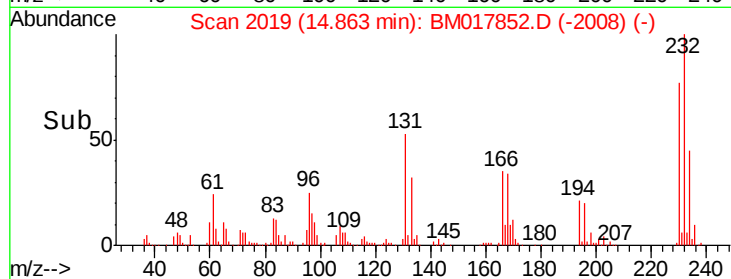
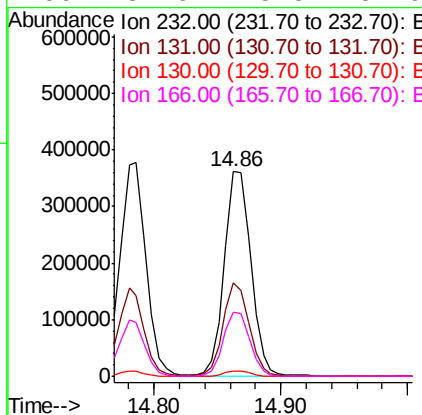
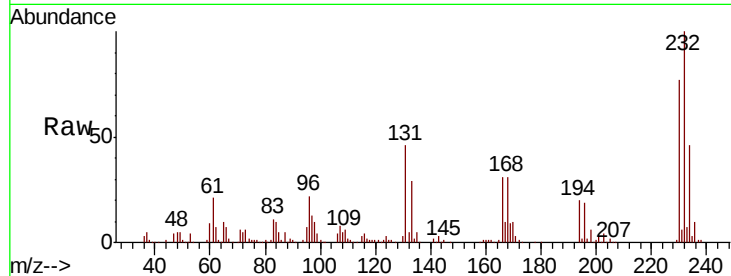
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.443 ng
 RT: 14.86 min Scan# 2019
 Delta R.T. -0.04 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	523602		
131	44.9		34.8	52.2
130	2.5		1.9	2.9
166	31.6		25.3	37.9

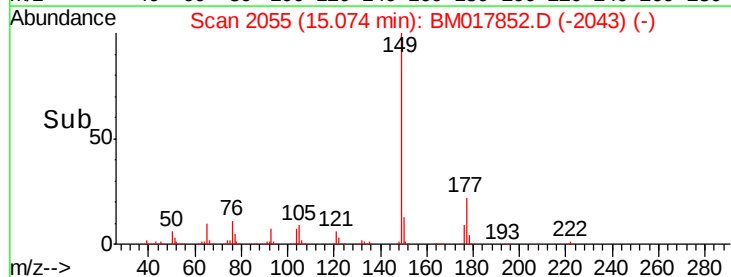
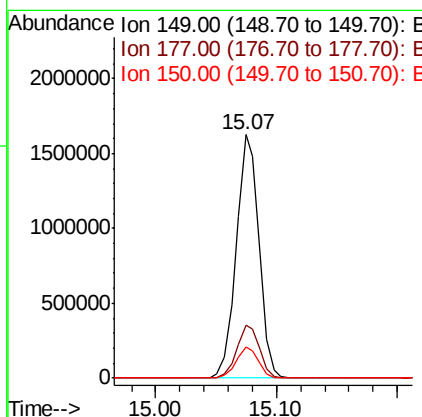
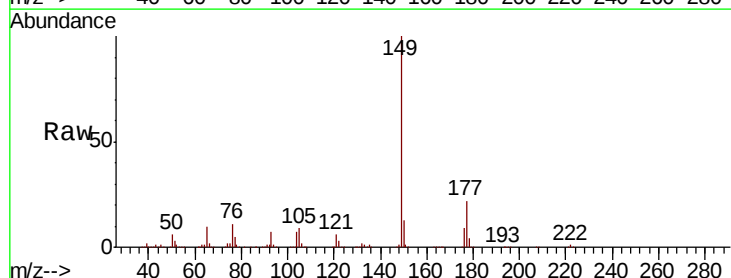
Manual Integrations
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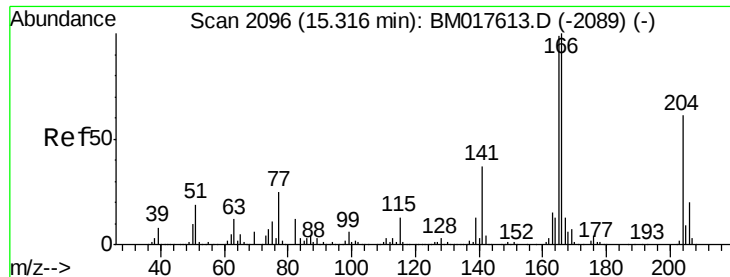
mohammad
 12/3/2018 4:58:25 PM



#60
 Diethylphthalate
 Concen: 41.815 ng
 RT: 15.07 min Scan# 2055
 Delta R.T. -0.03 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2112593		
177	21.9		18.1	27.1
150	12.6		9.9	14.9





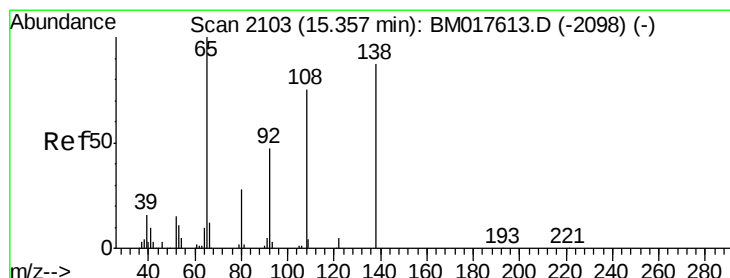
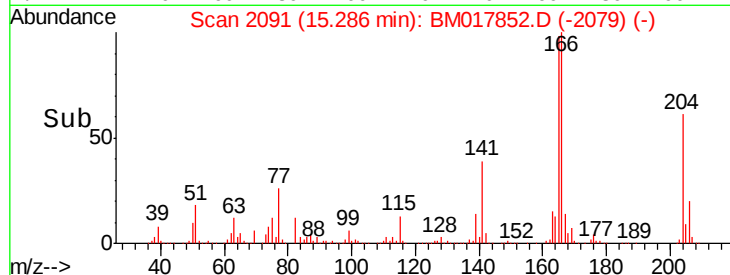
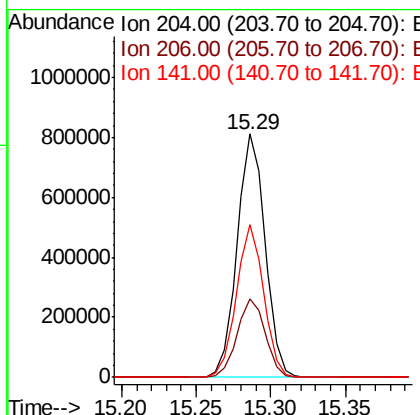
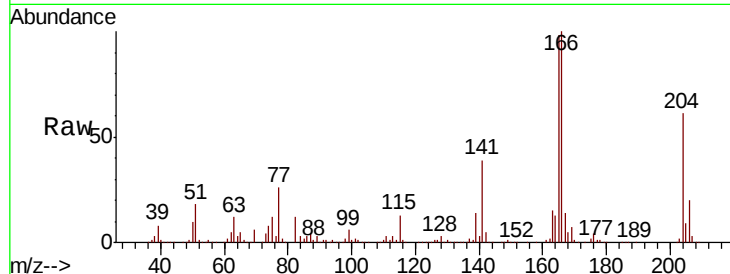
#61
 4-Chlorophenyl-phenylether
 Concen: 42.155 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Instrument :
 BNA_M
 ClientSampleID :
 SSTCCCC040

Tot Ion:204 Resp: 1058624
 Ion Ratio Lower Upper
 204 100
 206 32.2 25.9 38.9
 141 62.6 47.9 71.9

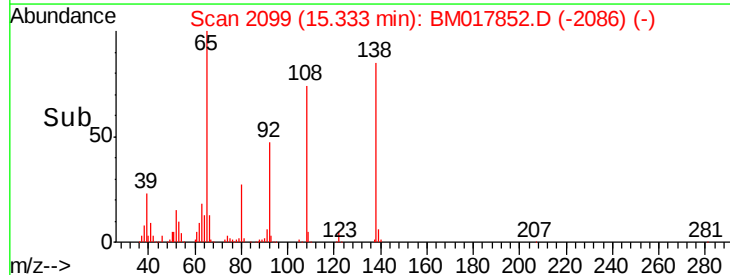
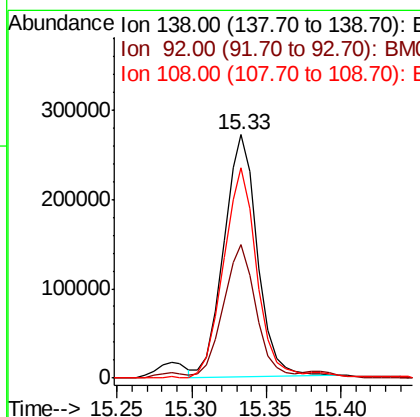
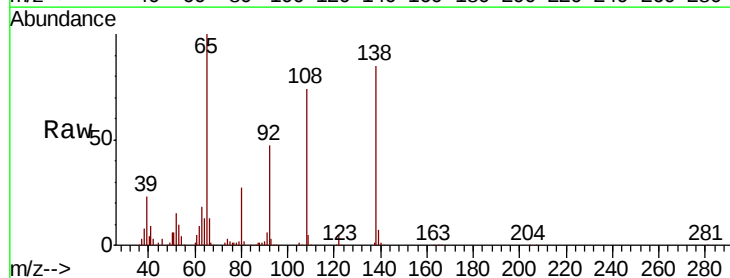
Manual Integrations
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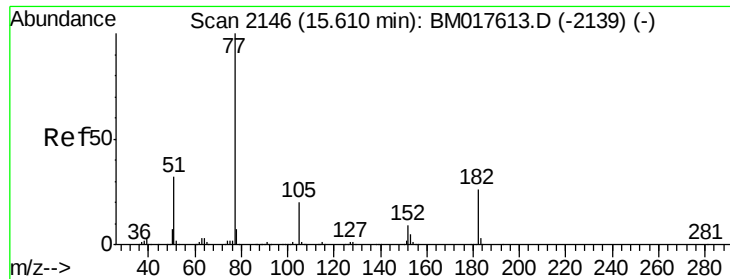
mohammad
 12/3/2018 4:58:25 PM



#62
 4-Nitroaniline
 Concen: 39.968 ng
 RT: 15.33 min Scan# 2099
 Delta R.T. -0.02 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Tgt Ion:138 Resp: 427005
 Ion Ratio Lower Upper
 138 100
 92 54.9 33.4 73.4
 108 86.4 64.3 104.3





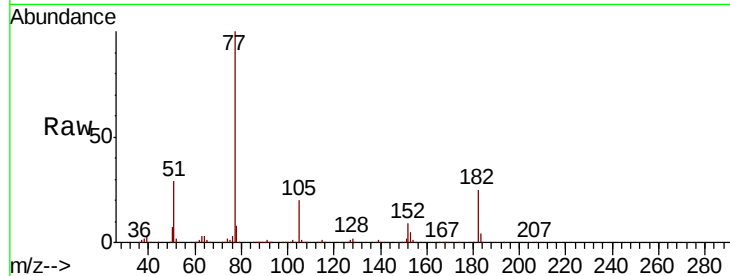
#63
Azobenzene
Concen: 43.102 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	77	Resp	2013080
Ion	Ratio	Lower	Upper
77	100		
182	24.8	5.8	45.8
105	19.9	0.0	40.0
51	28.8	12.5	52.5

Manual Integrations
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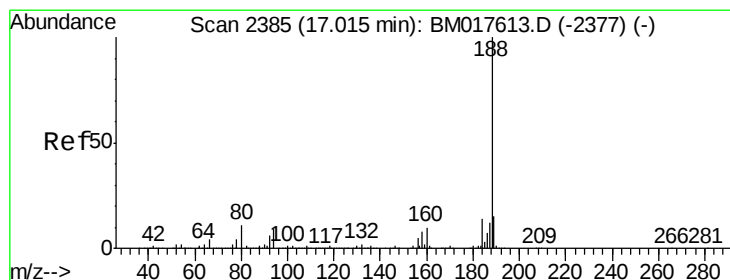
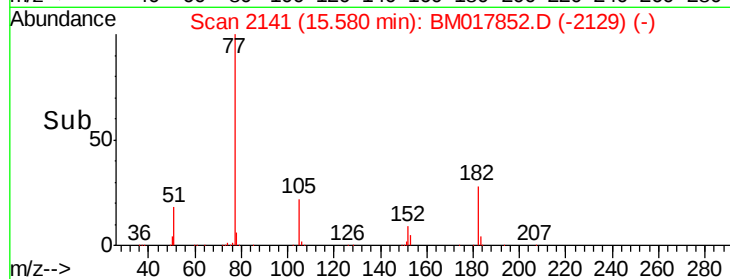
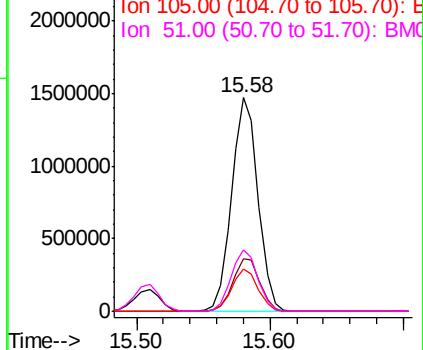


Abundance Ion 77.00 (76.70 to 77.70): BM017613.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM017613.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM017613.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM017613.D (-2139) (-)



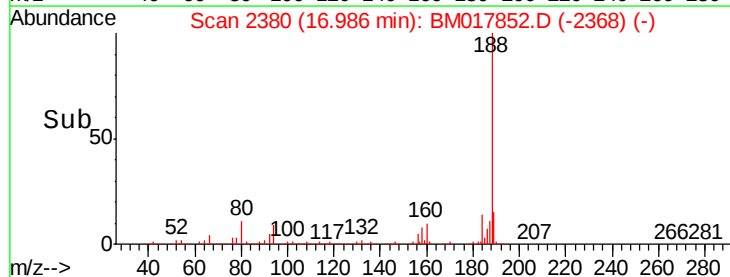
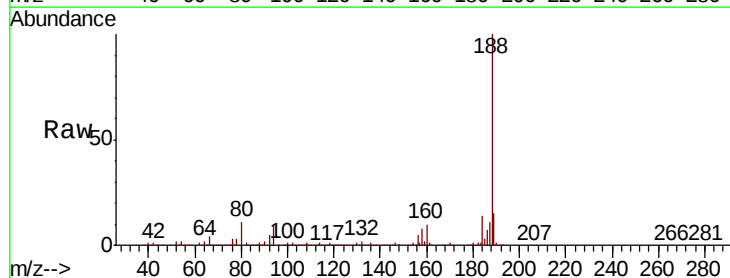
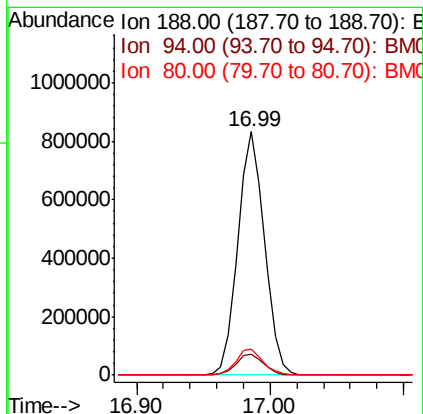
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

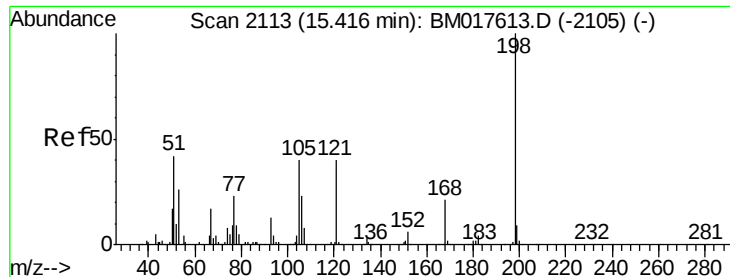
Tgt Ion	188	Resp	1148876
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.5	11.3
80	10.6	8.6	13.0

Abundance Ion 188.00 (187.70 to 188.70): BM017613.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017613.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017613.D (-2377) (-)





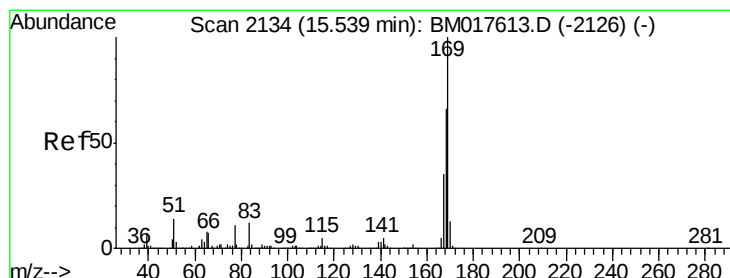
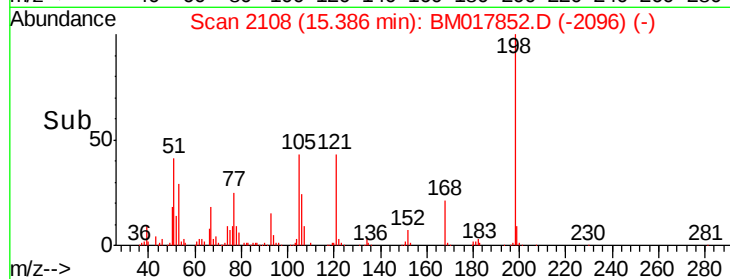
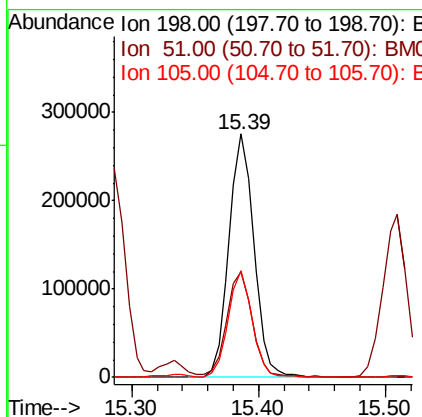
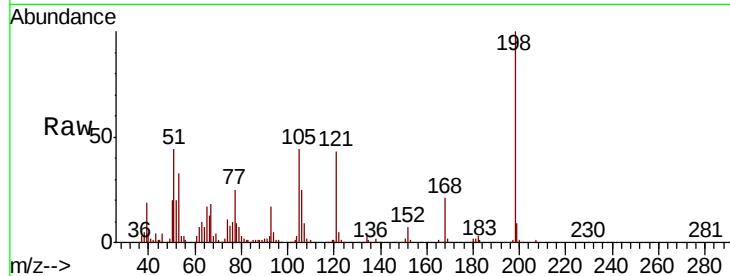
#65
4,6-Dinitro-2-methylphenol
Concen: 47.275 ng
RT: 15.39 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	376254		
51	43.5		25.9	65.9
105	43.8		20.6	60.6

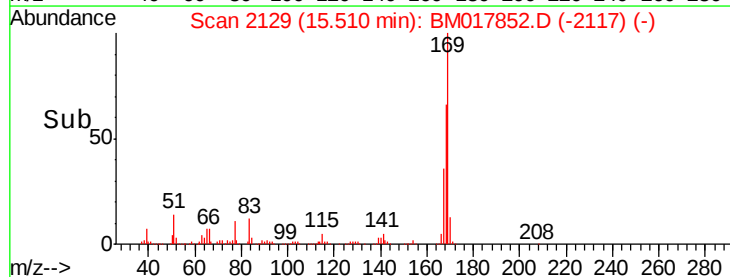
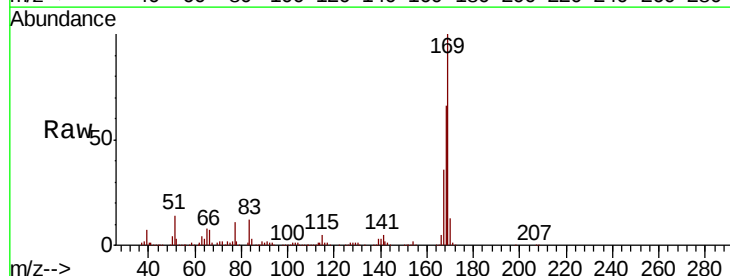
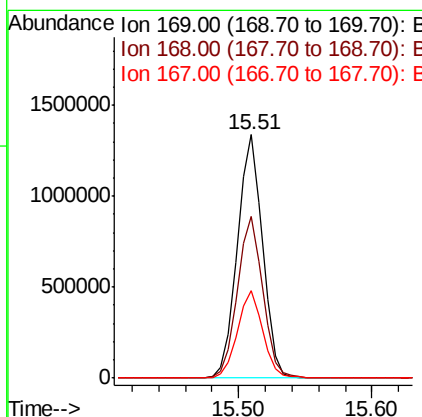
Manual Integrations
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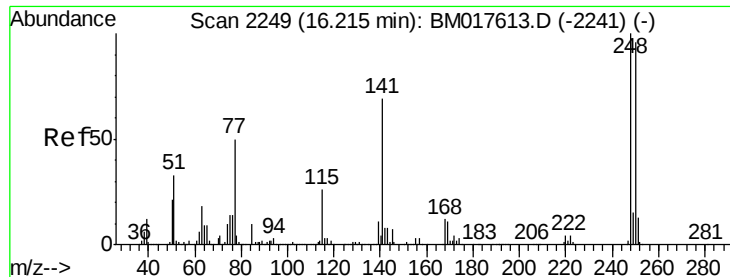
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 47.258 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1745597		
168	66.4		53.0	79.6
167	35.8		28.0	42.0





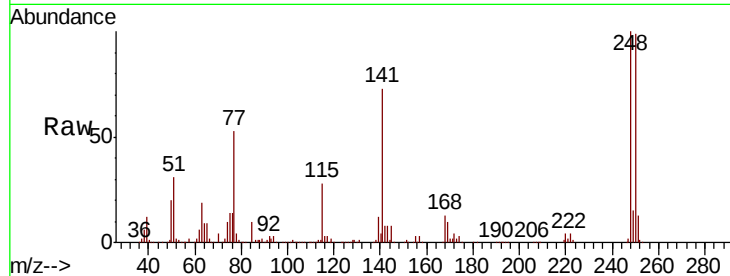
#67
4-Bromophenyl-phenylether
Concen: 46.428 ng
RT: 16.19 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.5	114.7
141	73.0	54.9	82.3

Manual Integrations
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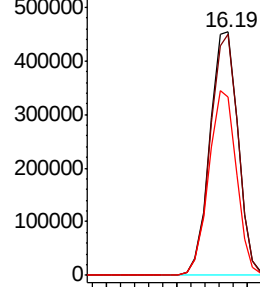


Abundance

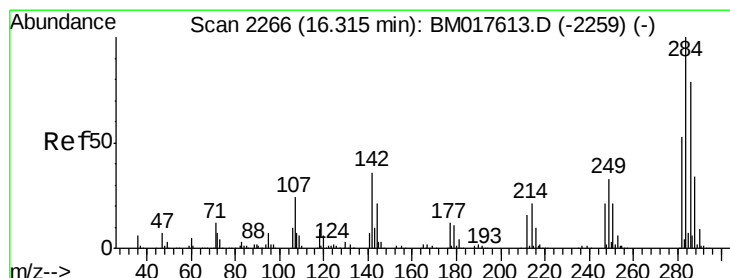
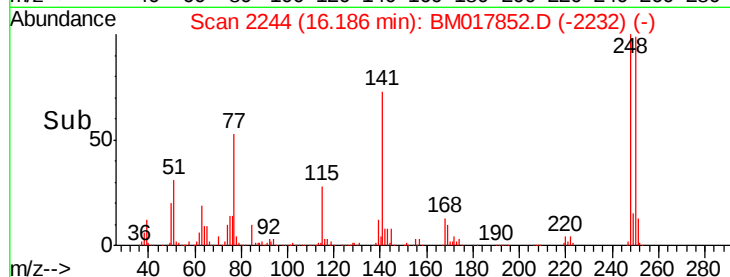
Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

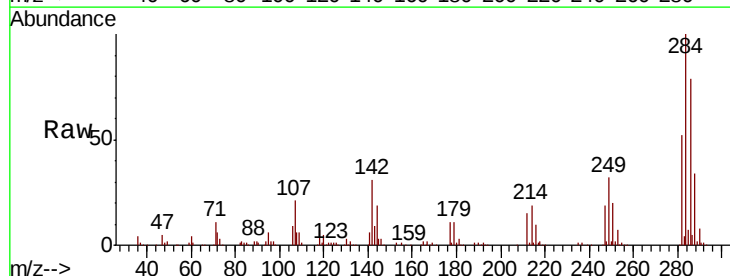


Time--> 16.10 16.15 16.20 16.25



#68
Hexachlorobenzene
Concen: 44.391 ng
RT: 16.29 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	28.4	42.6
249	31.6	26.4	39.6

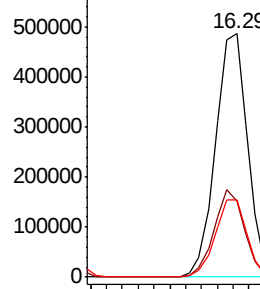


Abundance

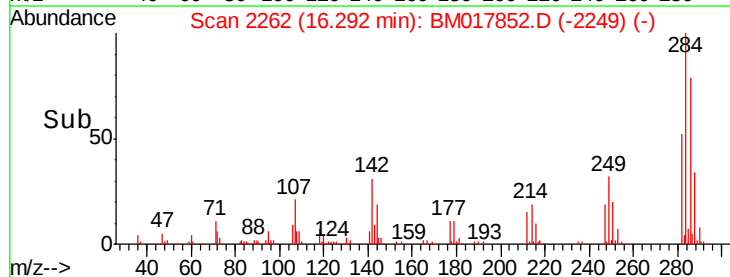
Ion 283.80 (283.50 to 284.50): E

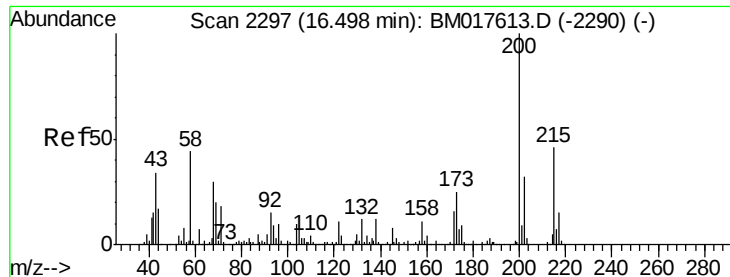
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time--> 16.20 16.25 16.30 16.35





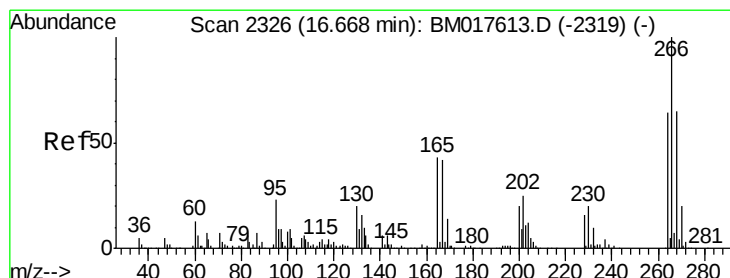
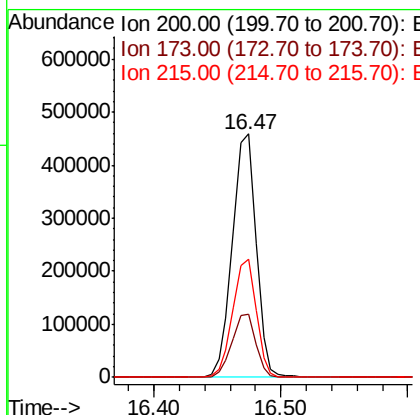
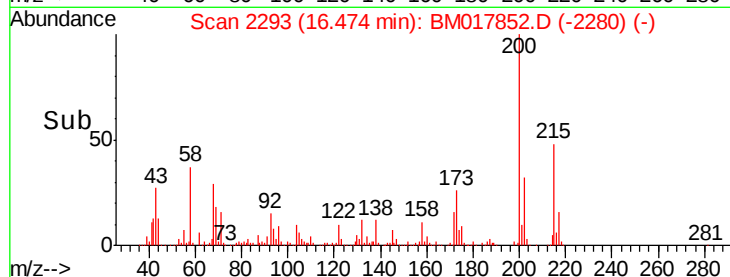
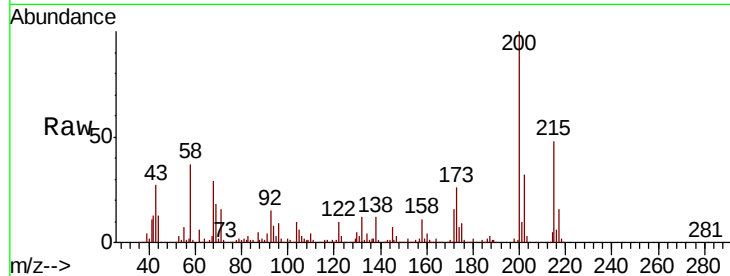
#69
Atrazine
Concen: 43.872 ng
RT: 16.47 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.9	5.1	45.1
215	48.4	25.8	65.8

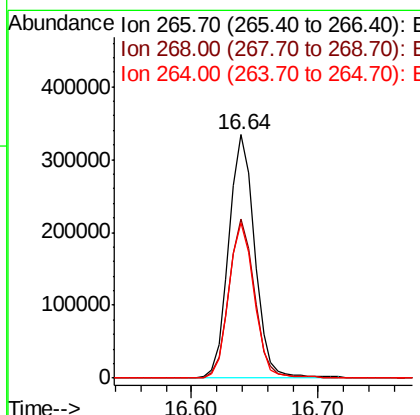
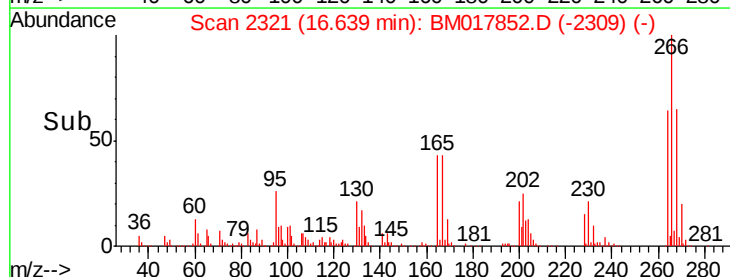
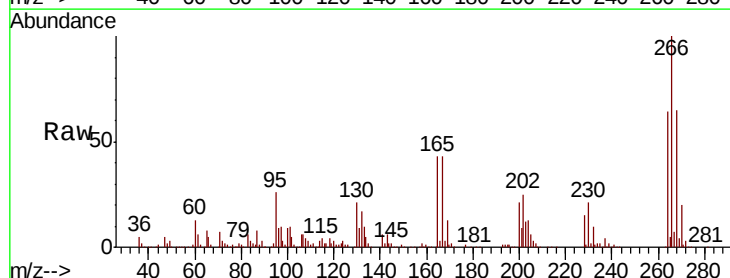
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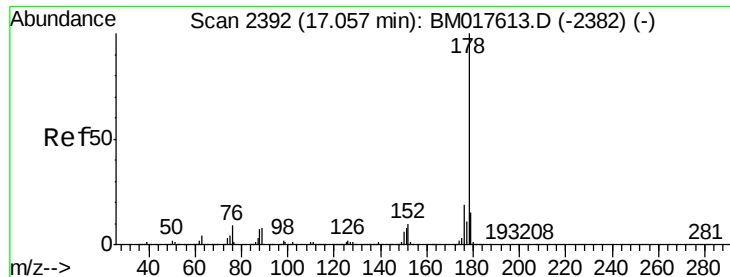
mohammad
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#70
Pentachlorophenol
Concen: 44.041 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.3	51.7	77.5
264	64.0	51.3	76.9





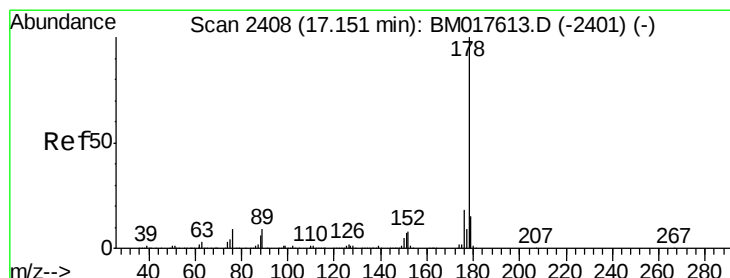
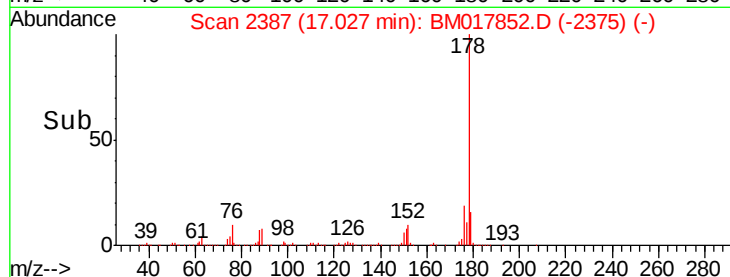
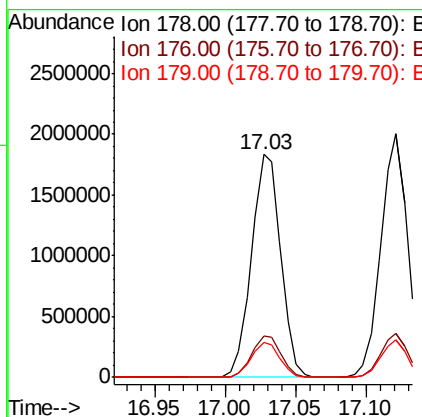
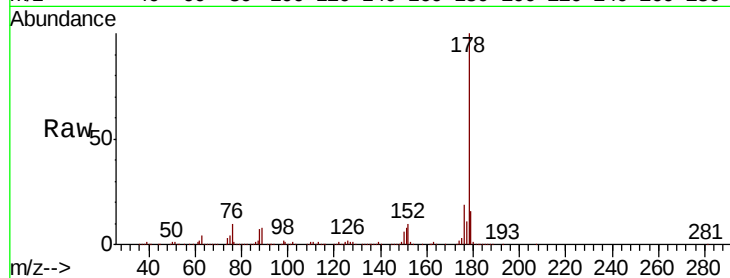
#71
Phenanthrene
Concen: 42.905 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.6	12.4	18.6

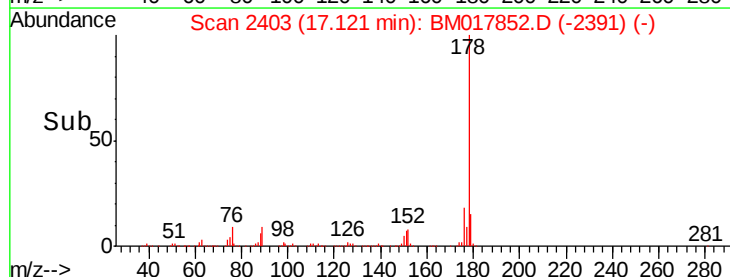
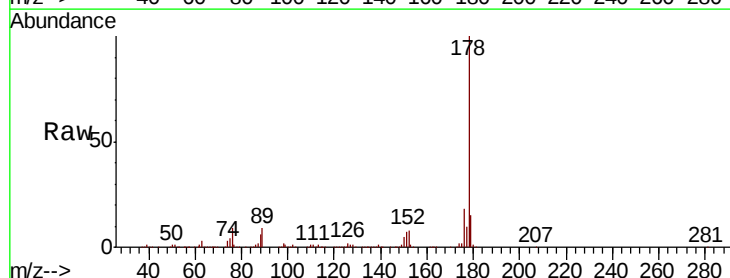
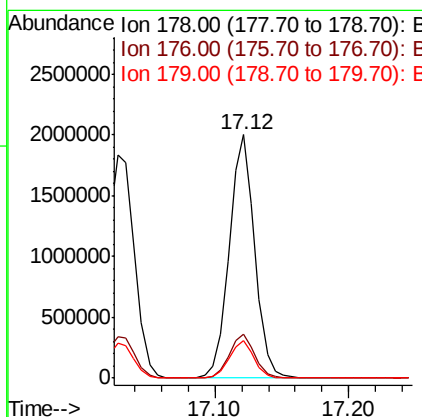
Manual Integrations
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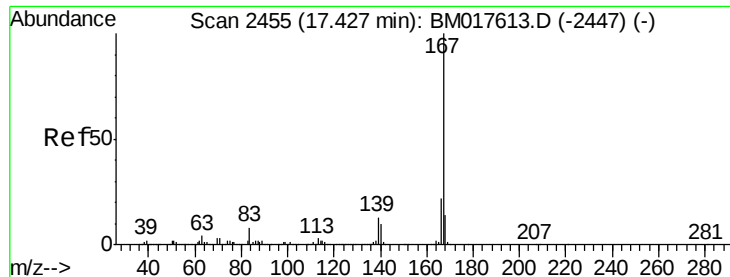
mohammad
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#72
Anthracene
Concen: 43.716 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.2	12.3	18.5





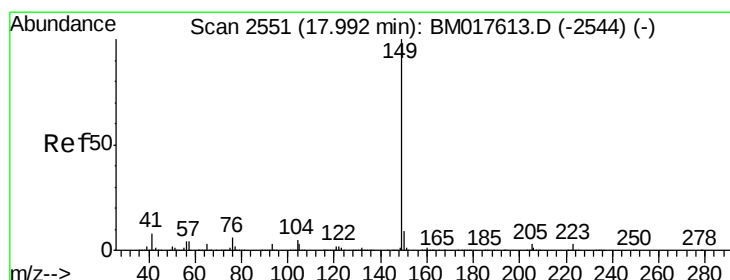
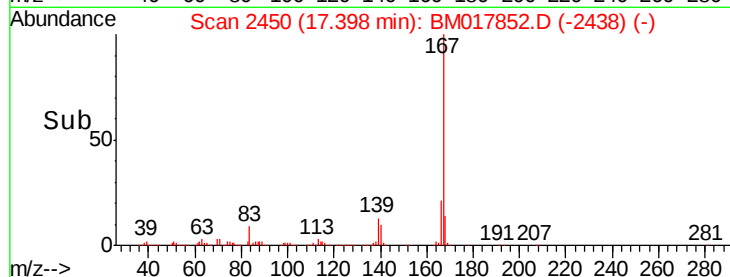
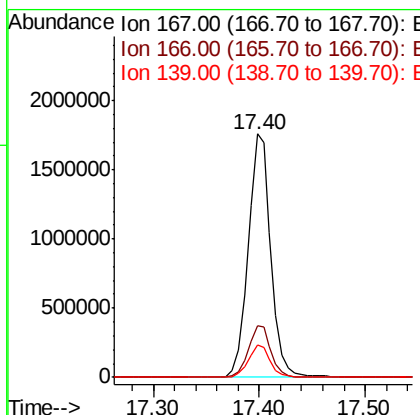
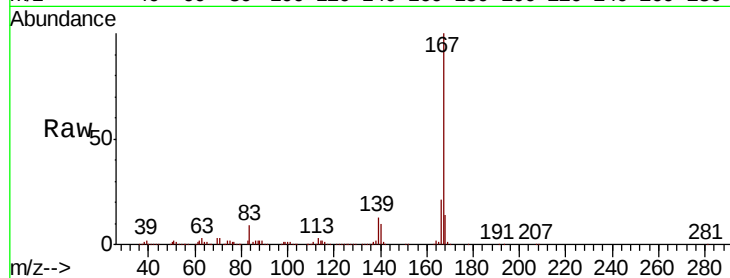
#73
 Carbazole
 Concen: 42.502 ng
 RT: 17.40 min Scan# 2450
 Delta R.T. -0.03 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.2	10.2	15.4

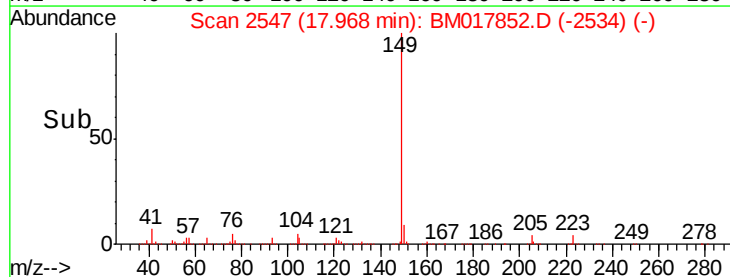
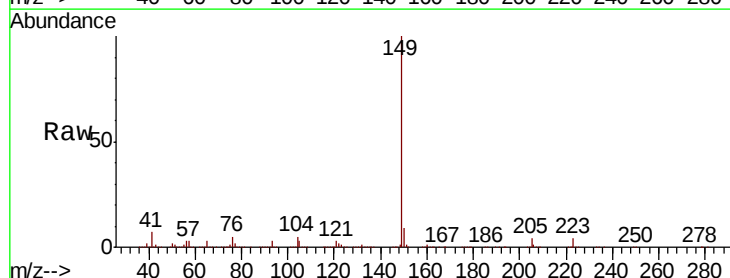
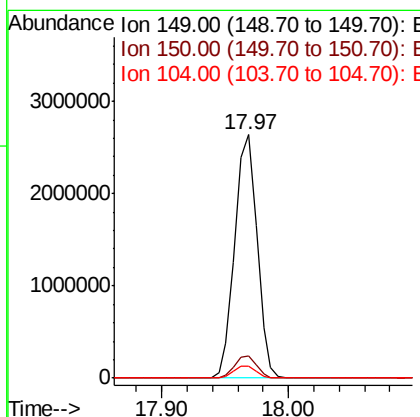
Manual Integrations
 APPROVED

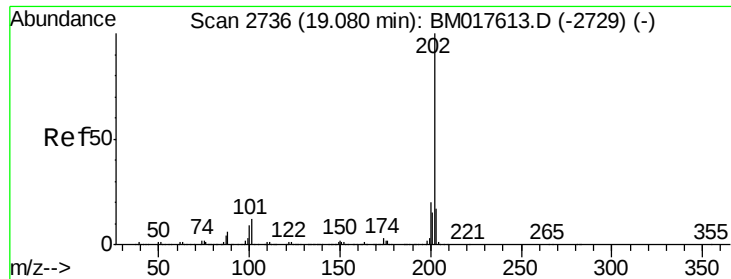
mohammad
 12/3/2018 4:58:25 PM



#74
 Di-n-butylphthalate
 Concen: 46.951 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 37.258 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

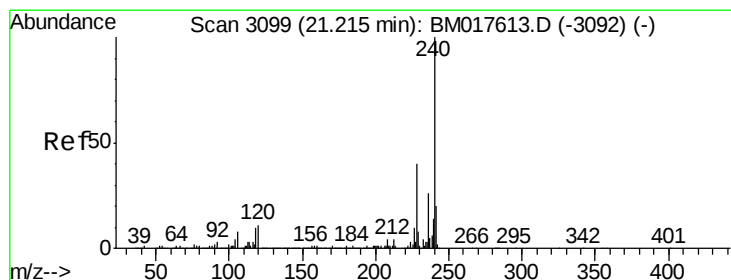
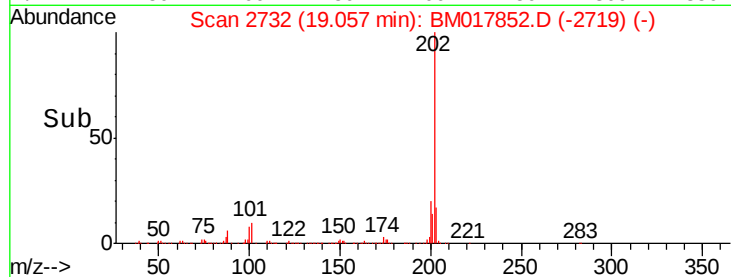
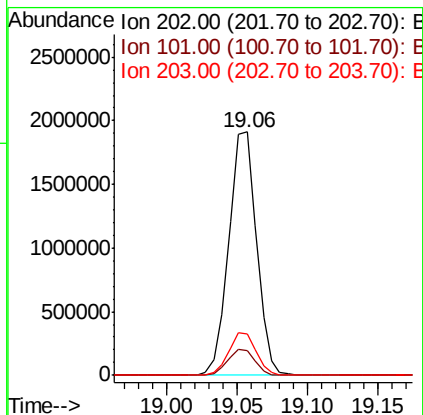
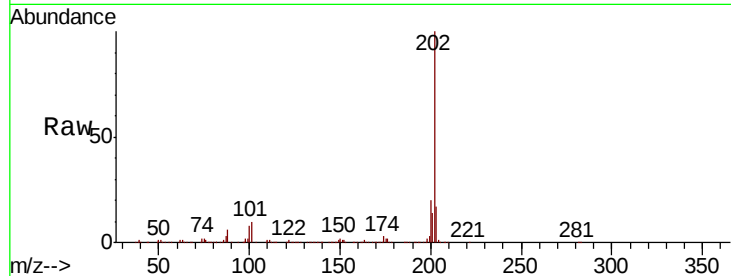
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	2628012
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	31.5
203	17.2	0.0	37.2

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

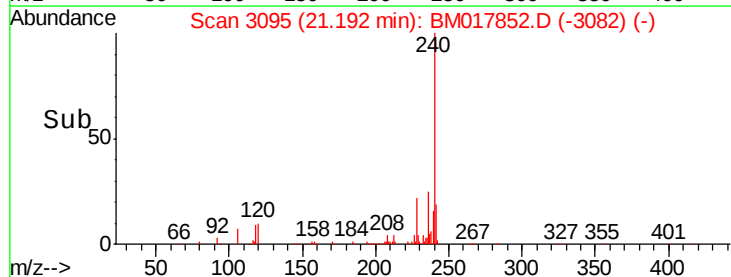
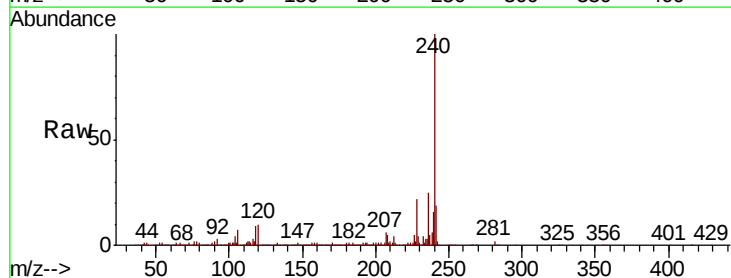
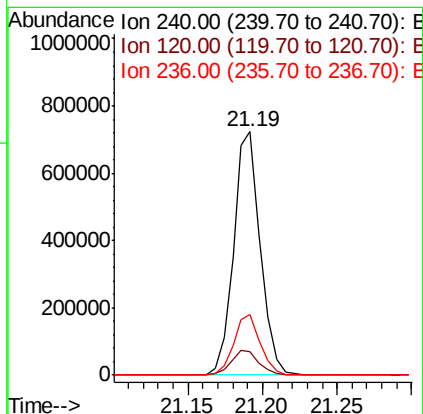
RT: 21.19 min Scan# 3095

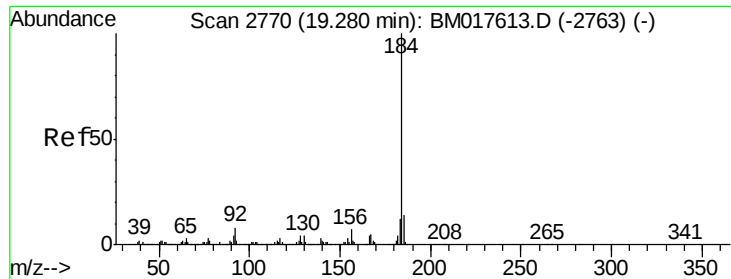
Delta R.T. -0.02 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tgt Ion:	240	Resp:	900127
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.5	12.7
236	25.1	20.4	30.6





#77

Benzidine

Concen: 44.181 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

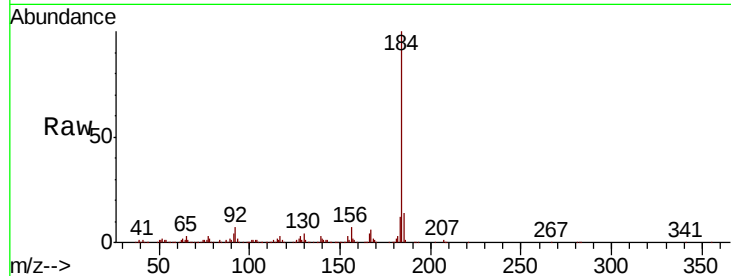
ClientSampleId :

SSTDCCC040

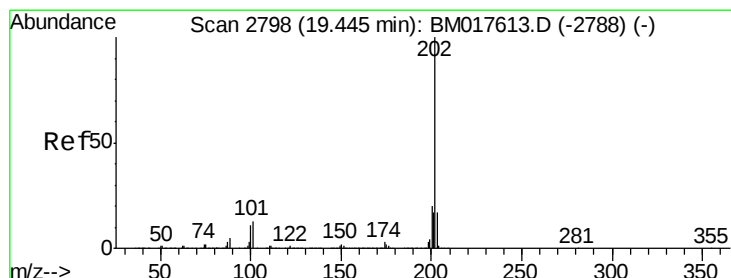
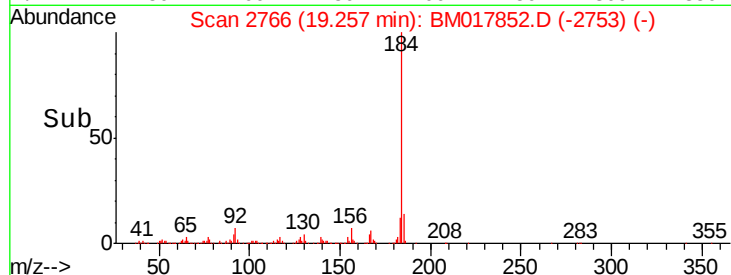
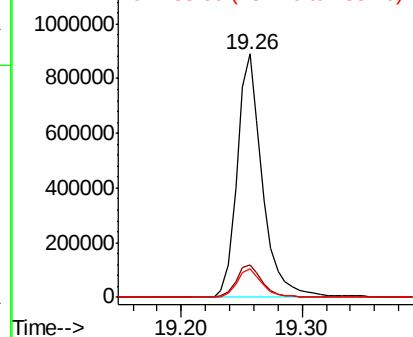
Tot Ion:	184	Resp:	1295011
Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.2	16.8
183	11.9	9.5	14.3

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



#78

Pyrene

Concen: 48.332 ng

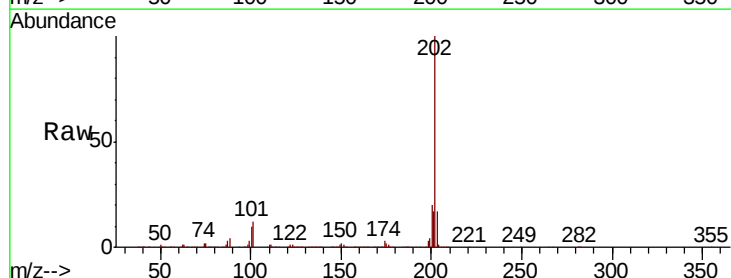
RT: 19.42 min Scan# 2794

Delta R.T. -0.02 min

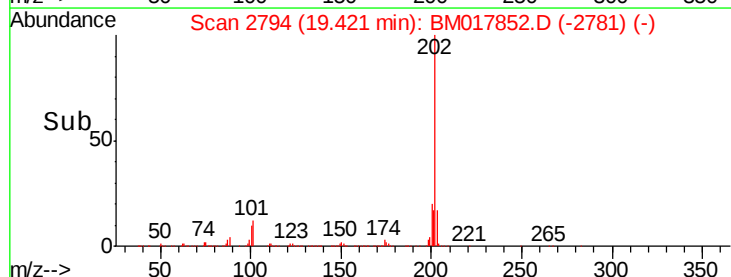
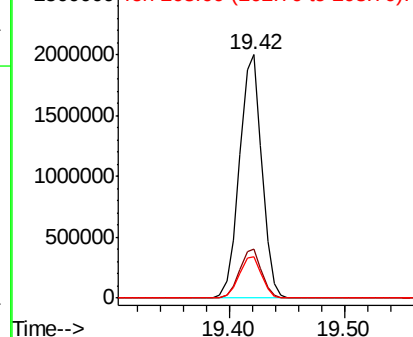
Lab File: BM017852.D

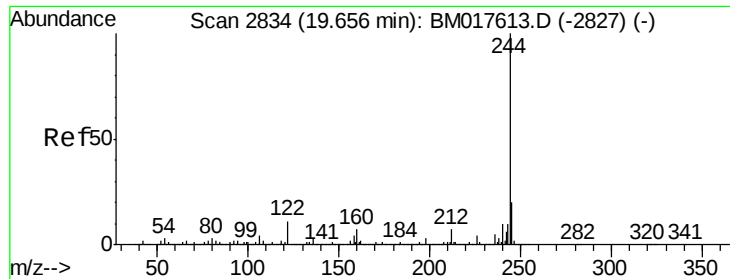
Acq: 01 Dec 2018 12:08

Tgt Ion:	202	Resp:	2684321
Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.0	13.8	20.8



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





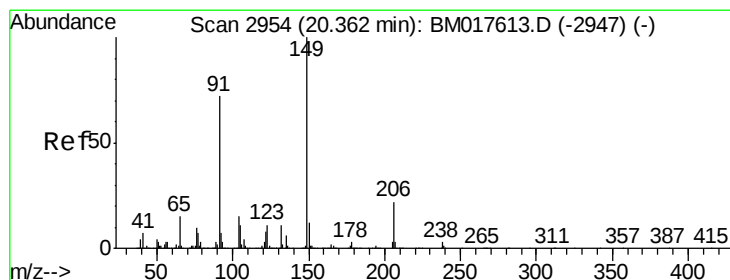
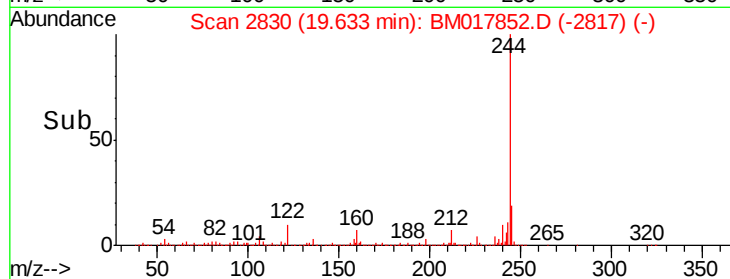
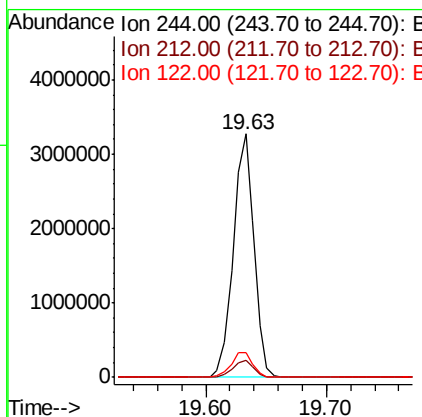
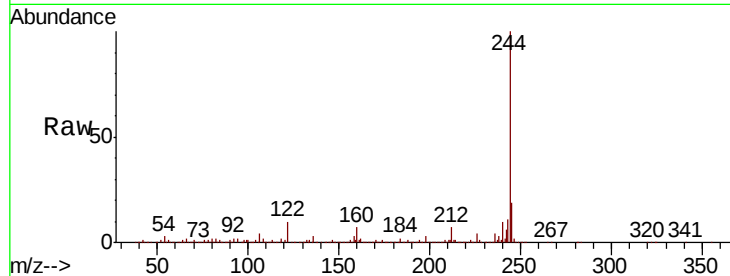
#79
 Terphenyl-d14
 Concen: 97.960 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	10.1	9.0	13.6

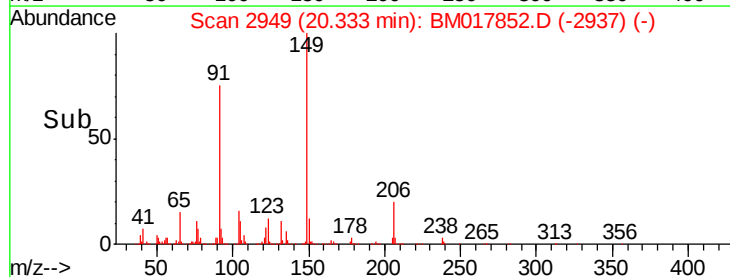
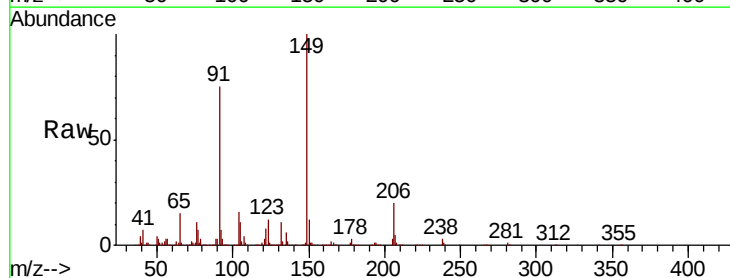
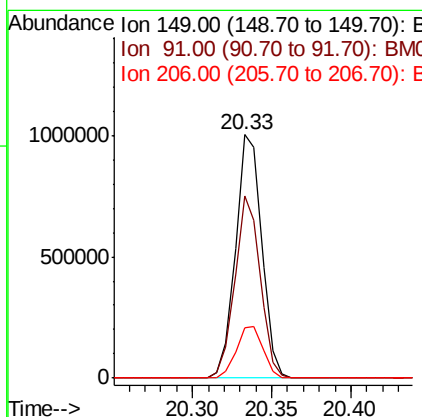
Manual Integrations
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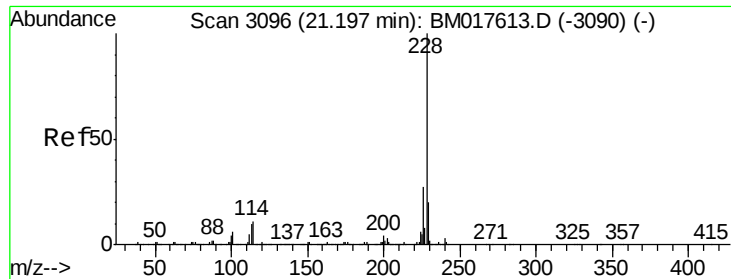
mohammad
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#80
 Butylbenzylphthalate
 Concen: 50.918 ng
 RT: 20.33 min Scan# 2949
 Delta R.T. -0.03 min
 Lab File: BM017852.D
 Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.7	57.6	86.4
206	20.5	17.4	26.0





#81

Benzo(a)anthracene

Concen: 43.332 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

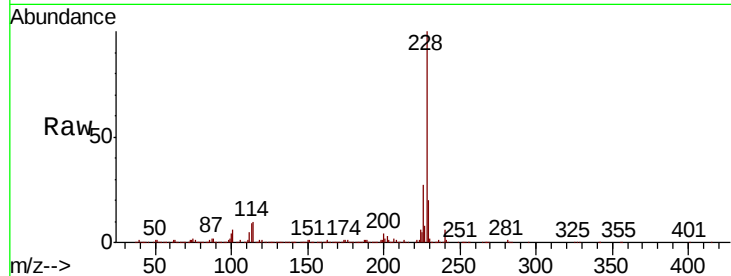
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	2247081
Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	19.8	16.0	24.0

Manual Integrations
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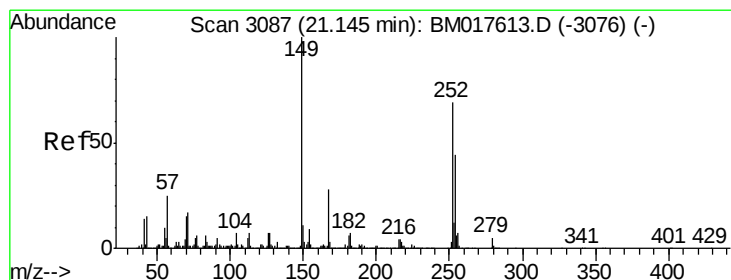
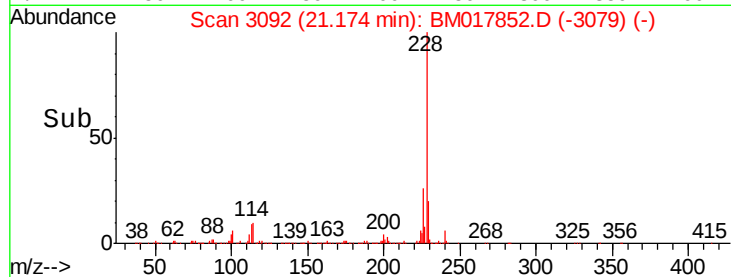
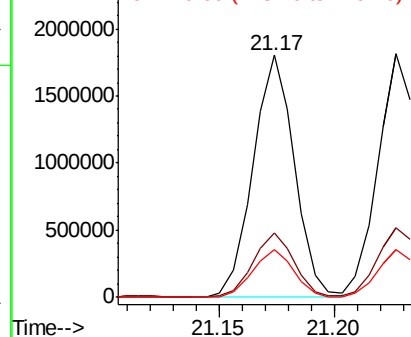


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.320 ng

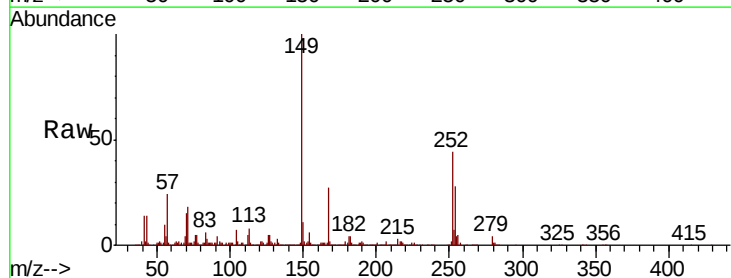
RT: 21.12 min Scan# 3082

Delta R.T. -0.03 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tgt Ion:	252	Resp:	907047
Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.2
126	11.7	8.0	12.0

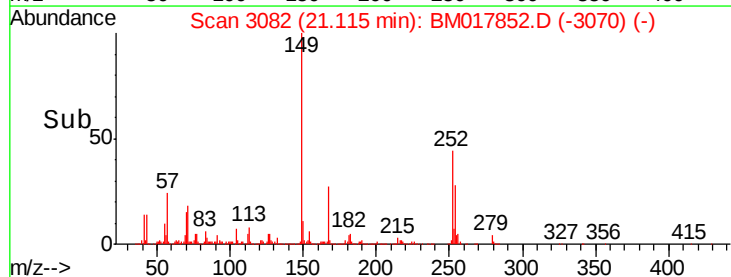
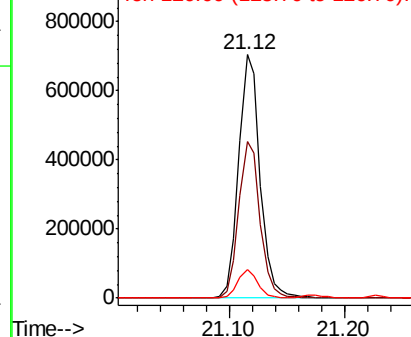


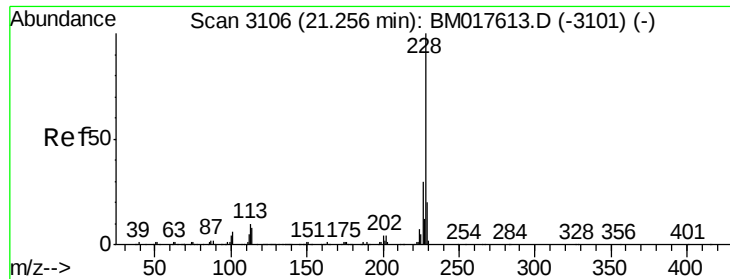
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





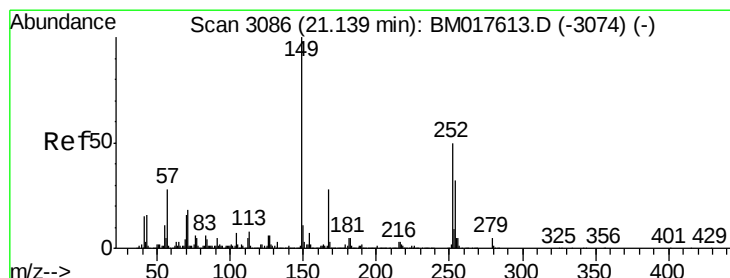
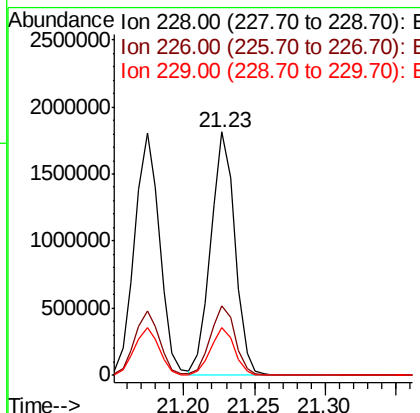
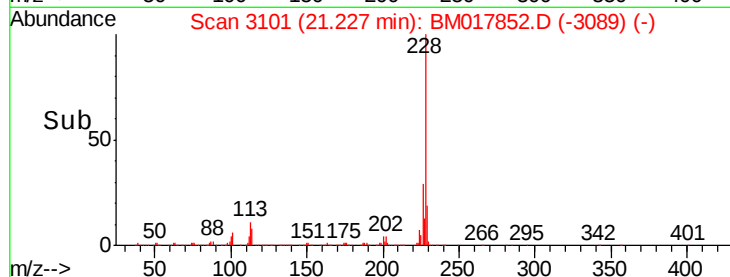
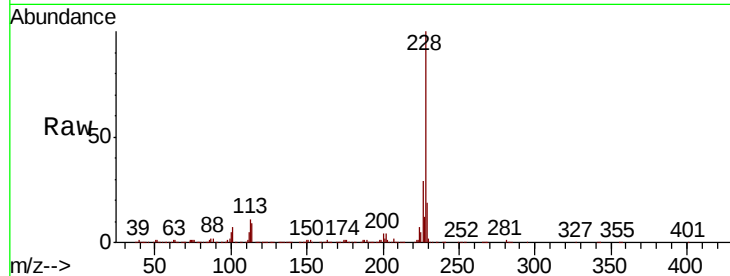
#83
Chrvsene
Concen: 42.686 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2150003
Ion Ratio Lower Upper
228 100
226 28.8 23.6 35.4
229 19.4 15.8 23.6

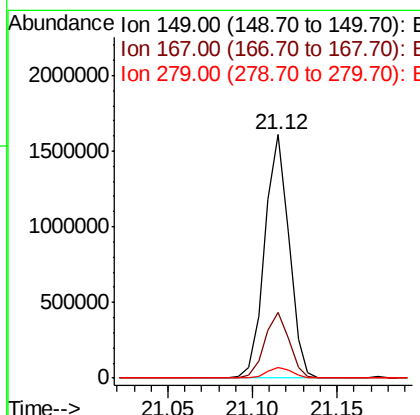
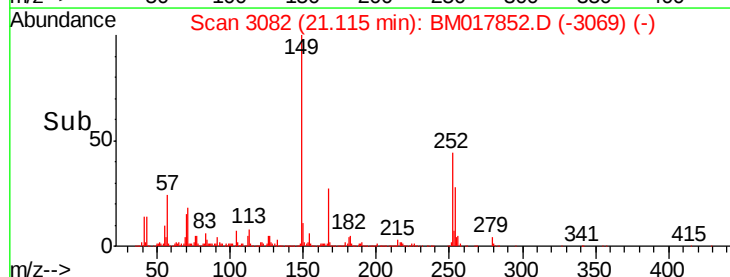
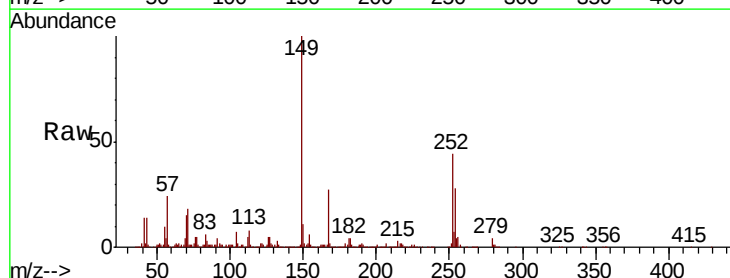
Manual Integrations
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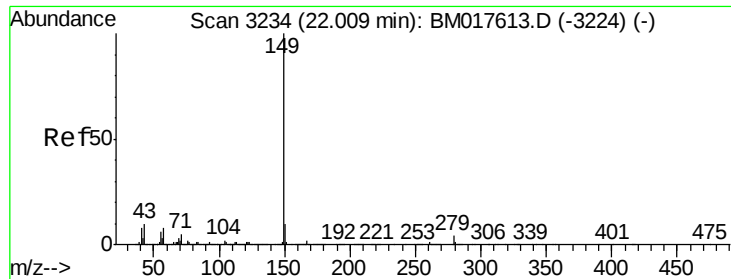
mohammad
12/3/2018 4:58:25 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.139 ng
RT: 21.12 min Scan# 3082
Delta R.T. -0.02 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion:149 Resp: 1605303
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.4
279 4.3 3.7 5.5





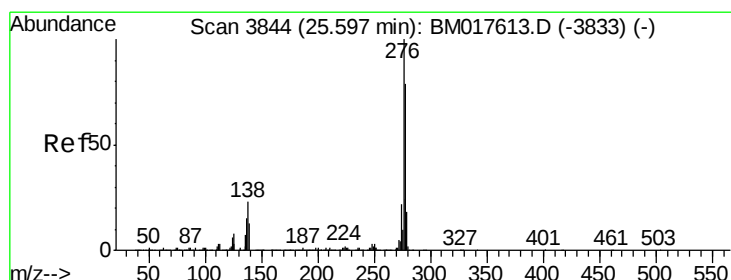
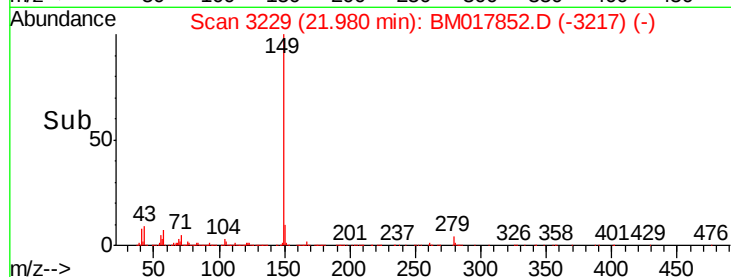
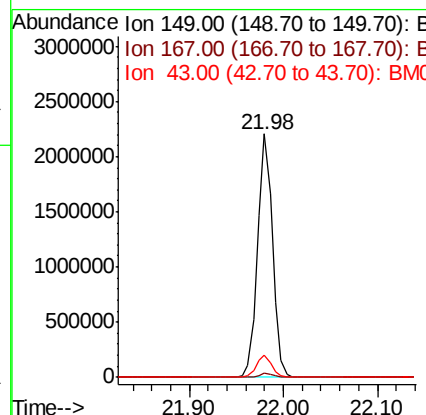
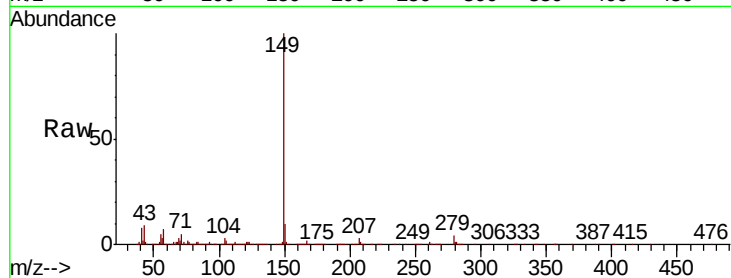
#85
Di-n-octyl phthalate
Concen: 45.361 ng
RT: 21.98 min Scan# 3229
Delta R.T. -0.03 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	8.3	12.5

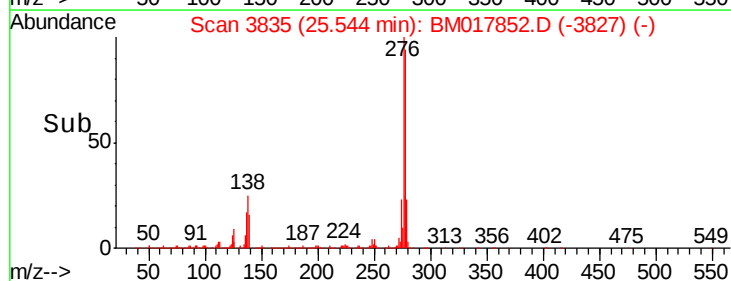
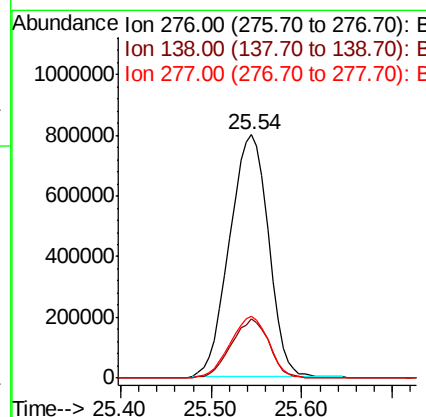
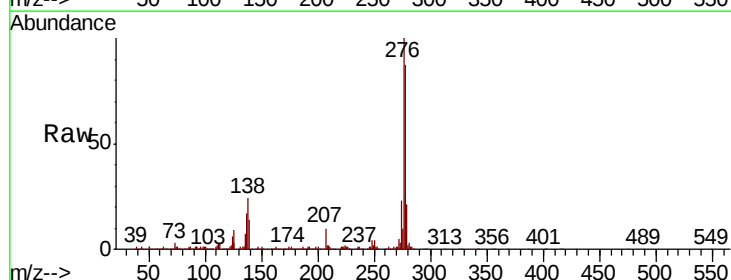
Manual Integrations
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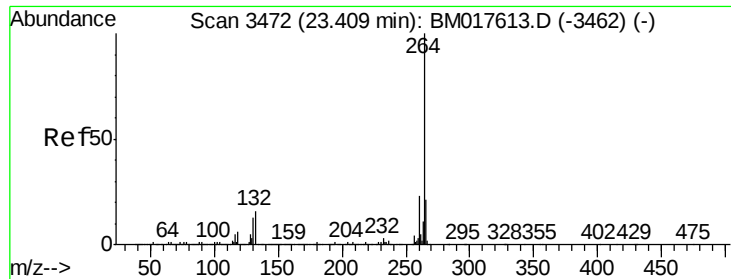
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 59.149 ng
RT: 25.54 min Scan# 3835
Delta R.T. -0.05 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.1	28.7
277	25.2	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Instrument :

BNA_M

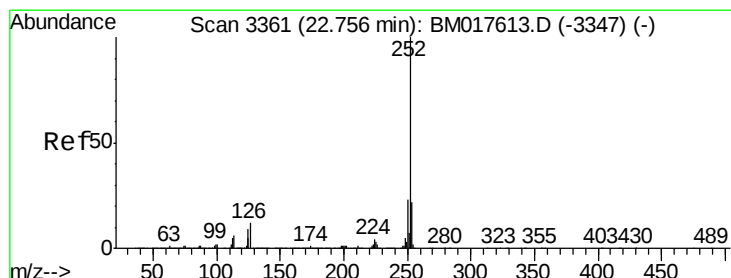
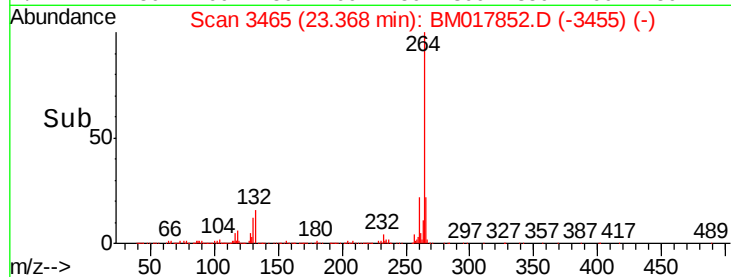
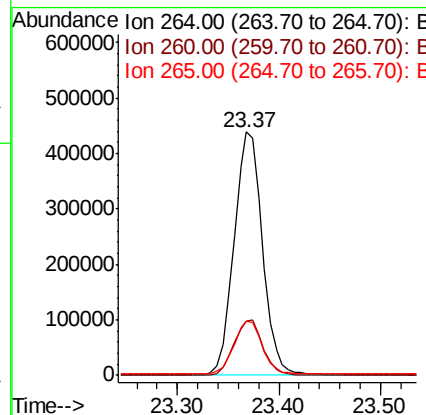
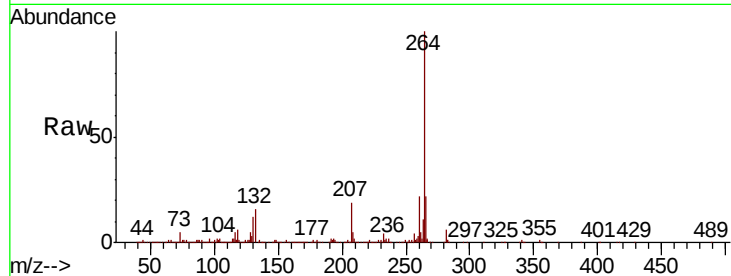
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	854300
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.2	27.2
265	22.5	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 42.171 ng

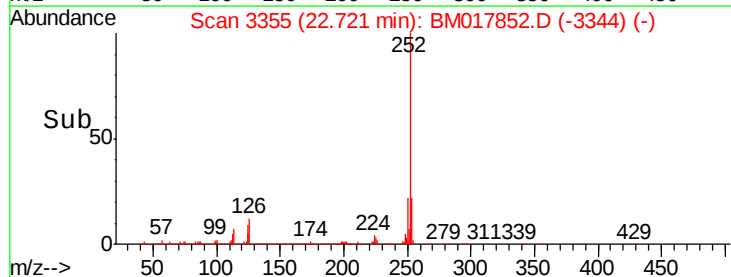
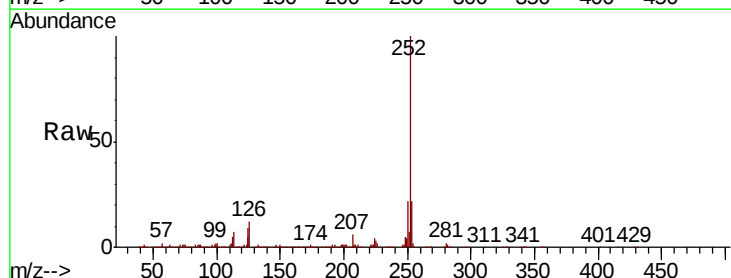
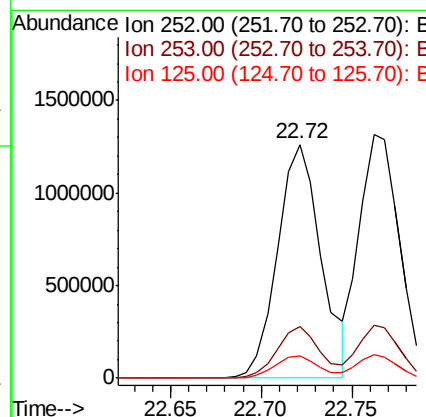
RT: 22.72 min Scan# 3355

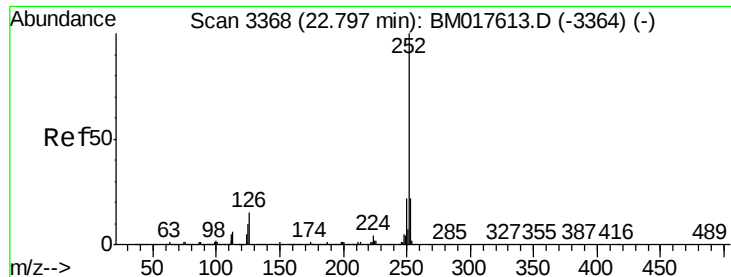
Delta R.T. -0.04 min

Lab File: BM017852.D

Acq: 01 Dec 2018 12:08

Tgt Ion:	252	Resp:	2109815
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	9.4	7.6	11.4





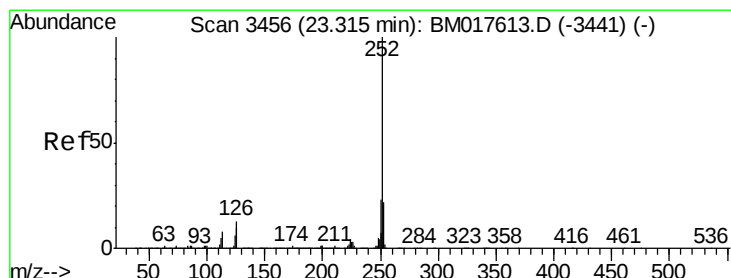
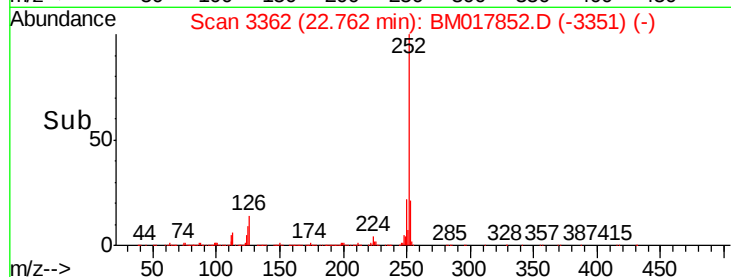
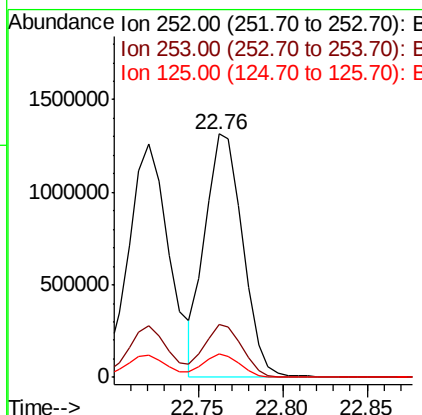
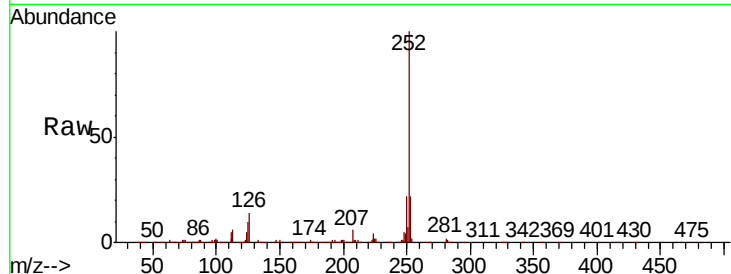
#89
Benzo(k)fluoranthene
Concen: 40.302 ng
RT: 22.76 min Scan# 3362
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.6	7.9	11.9

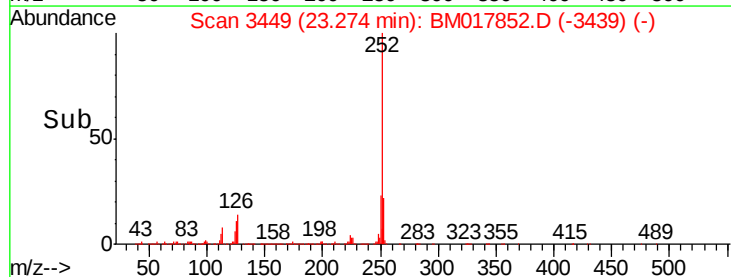
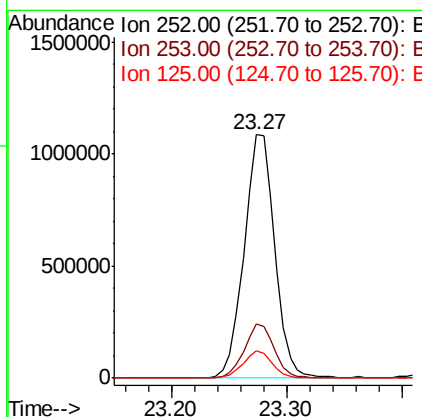
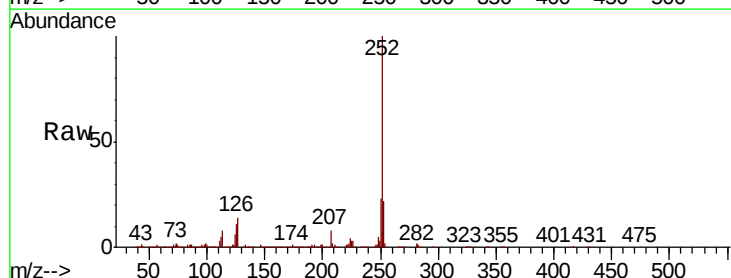
Manual Integrations
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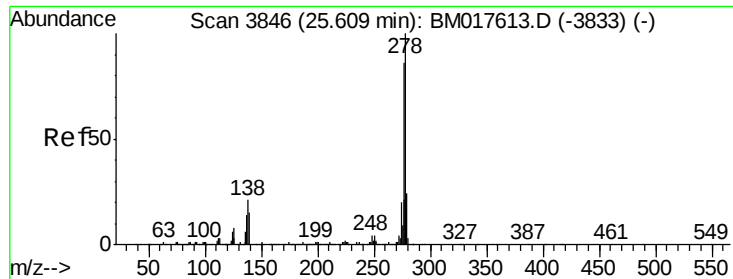
mohammad
12/3/2018 4:58:25 PM



#90
Benzo(a)pyrene
Concen: 43.720 ng
RT: 23.27 min Scan# 3449
Delta R.T. -0.04 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.0	8.2	12.2





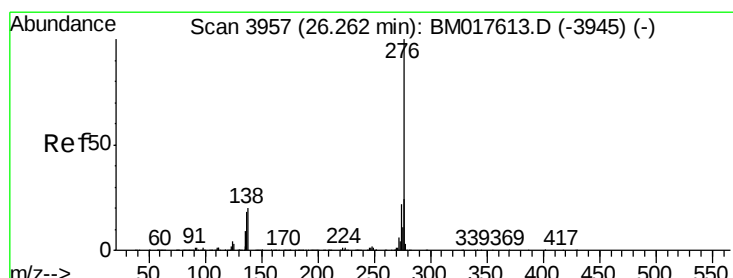
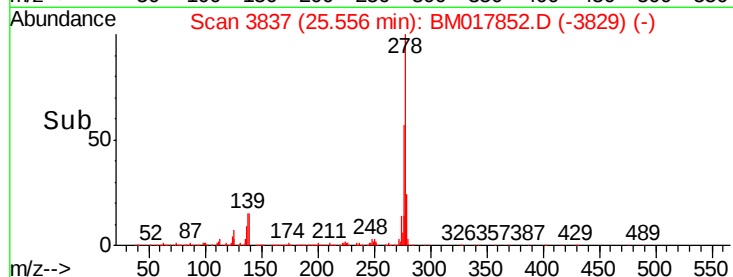
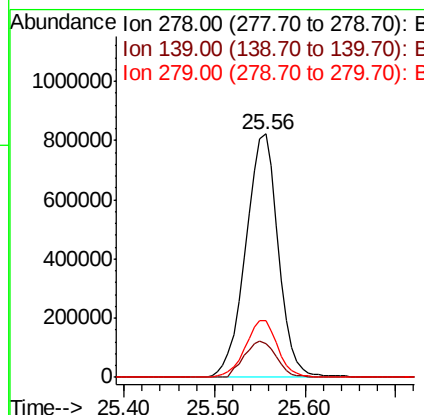
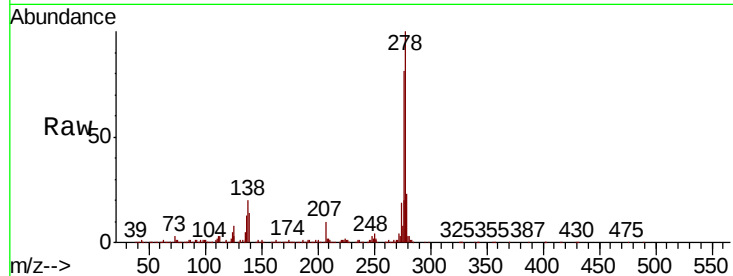
#91
Dibenzo(a,h)anthracene
Concen: 53.574 ng
RT: 25.56 min Scan# 3837
Delta R.T. -0.05 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.8	17.6
279	23.5	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:25 PM



#92
Benzo(g,h,i)perylene
Concen: 55.288 ng
RT: 26.20 min Scan# 3947
Delta R.T. -0.06 min
Lab File: BM017852.D
Acq: 01 Dec 2018 12:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	18.9	15.9	23.9

