

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
 Data File : BM017853.D
 Acq On : 01 Dec 2018 12:55
 Operator : JU/SJ
 Sample : PB115195BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

Manual Integrations
 APPROVED

mohammad
 12/3/2018 4:58:27 PM

Quant Time: Dec 03 00:26:57 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	7.59	152	219871	20.00	ng	-0.03
21) Naphthalene-d8	10.36	136	944129	20.00	ng	-0.03
39) Acenaphthene-d10	14.23	164	515889	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	1026952	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	842660	20.00	ng	-0.02
87) Perylene-d12	23.37	264	699970	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1997020	153.28	ng	-0.02
7) Phenol-d6	6.78	99	2621880	144.09	ng	-0.02
23) Nitrobenzene-d5	8.74	82	1220726	66.75	ng	-0.04
42) 2,4,6-Tribromophenol	15.74	330	960613	129.59	ng	-0.02
45) 2-Fluorobiphenyl	12.85	172	2752450	69.22	ng	-0.03
79) Terphenyl-d14	19.63	244	3012597	81.03	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	184523	34.007	ng	90
3) Pyridine	3.59	79	533017	33.489	ng	87
4) n-Nitrosodimethylamine	3.51	42	271629	38.743	ng	# 86
6) Aniline	6.93	93	812059	35.988	ng	99
8) 2-Chlorophenol	7.16	128	758317	48.635	ng	97
9) Benzaldehyde	6.75	77	194318	14.660	ng	98
10) Phenol	6.81	94	923251	48.341	ng	97
11) bis(2-Chloroethyl)ether	7.03	93	661761	43.892	ng	95
12) 1,3-Dichlorobenzene	7.47	146	722608	41.308	ng	97
13) 1,4-Dichlorobenzene	7.62	146	745243	41.563	ng	100
14) 1,2-Dichlorobenzene	7.93	146	730841	42.036	ng	100
15) Benzyl Alcohol	7.83	79	648549	44.756	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	760614	33.134	ng	91
17) 2-Methylphenol	8.03	107	611542	47.531	ng	97
18) Hexachloroethane	8.64	117	278347	44.046	ng	98
19) n-Nitroso-di-n-propylamine	8.40	70	551634	42.222	ng	92
20) 3+4-Methylphenols	8.36	107	821227	45.940	ng	98
22) Acetophenone	8.41	105	1067228	45.291	ng	95
24) Nitrobenzene	8.79	77	814455	43.894	ng	98
25) Isophorone	9.30	82	1423696	50.403	ng	100
26) 2-Nitrophenol	9.49	139	404724	47.354	ng	97
27) 2,4-Dimethylphenol	9.55	122	664397	53.939	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	913874	47.770	ng	97
29) 2,4-Dichlorophenol	10.01	162	690486	48.291	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	744622	44.775	ng	97
31) Naphthalene	10.40	128	2231654	48.075	ng	100
32) Benzoic acid	9.73	122	479423m	42.967	ng	
33) 4-Chloroaniline	10.53	127	565903	27.837	ng	98
34) Hexachlorobutadiene	10.68	225	452394	43.819	ng	100
35) Caprolactam	11.34	113	203394m	38.627	ng	
36) 4-Chloro-3-methylphenol	11.66	107	737017	44.645	ng	99
37) 2-Methylnaphthalene	12.02	142	1622334	49.449	ng	99
38) 1-Methylnaphthalene	12.25	142	1539395	47.854	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	831355	45.700	ng	98

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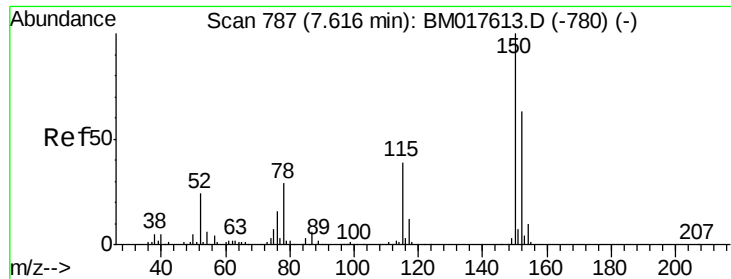
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	964680	102.623	nq	98
43) 2,4,6-Trichlorophenol	12.65	196	541614	47.532	nq	99
44) 2,4,5-Trichlorophenol	12.72	196	579223	48.143	nq	96
46) 1,1'-Biphenyl	13.06	154	2019073	43.602	nq	100
47) 2-Chloronaphthalene	13.10	162	1566122	45.565	nq	99
48) 2-Nitroaniline	13.32	65	470560	44.269	nq	99
49) Acenaphthylene	13.95	152	2489192	48.202	nq	99
50) Dimethylphthalate	13.71	163	1903392	45.380	nq	99
51) 2,6-Dinitrotoluene	13.83	165	423355	45.328	nq	97
52) Acenaphthene	14.30	154	1434309	45.258	nq	99
53) 3-Nitroaniline	14.16	138	329074	32.362	nq	100
54) 2,4-Dinitrophenol	14.37	184	529220	91.670	nq	98
55) Dibenzofuran	14.63	168	2287591	44.169	nq	99
56) 4-Nitrophenol	14.48	139	685439	80.181	nq	98
57) 2,4-Dinitrotoluene	14.63	165	572980	45.511	nq	96
58) Fluorene	15.29	166	1843301	46.490	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	508968	45.994	nq	99
60) Diethylphthalate	15.08	149	1905738	42.051	nq	100
61) 4-Chlorophenyl-phenylether	15.29	204	943808	41.897	nq	96
62) 4-Nitroaniline	15.33	138	377187	39.358	nq	99
63) Azobenzene	15.58	77	1826302	43.593	nq	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	330533	46.461	nq	98
66) n-Nitrosodiphenylamine	15.51	169	1595013	48.308	nq	100
67) 4-Bromophenyl-phenylether	16.19	248	565204	46.535	nq	99
68) Hexachlorobenzene	16.29	284	605413	44.216	nq	97
69) Atrazine	16.47	200	530943	43.721	nq	97
70) Pentachlorophenol	16.64	266	754621	78.658	nq	99
71) Phenanthrene	17.03	178	2638014	47.340	nq	99
72) Anthracene	17.12	178	2651537	48.899	nq	99
73) Carbazole	17.40	167	2345414	42.804	nq	99
74) Di-n-butylphthalate	17.97	149	2945591	48.291	nq	99
75) Fluoranthene	19.06	202	2656211	42.128	nq	99
77) Benzidine	19.26	184	1007883	36.730	nq	100
78) Pyrene	19.42	202	2672378	51.399	nq	100
80) Butylbenzylphthalate	20.34	149	1113631	52.735	nq	98
81) Benzo(a)anthracene	21.18	228	2308510	47.552	nq	99
82) 3,3'-Dichlorobenzidine	21.12	252	768986	41.042	nq	98
83) Chrysene	21.23	228	2197187	46.598	nq	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1539242	49.305	nq	99
85) Di-n-octyl phthalate	21.99	149	2442481	48.860	nq	96
86) Indeno(1,2,3-cd)pyrene	25.55	276	2625063	69.668	nq	100
88) Benzo(b)fluoranthene	22.73	252	2223313	54.237	nq	100
89) Benzo(k)fluoranthene	22.77	252	2217748	53.527	nq	99
90) Benzo(a)pyrene	23.28	252	2171213	58.090	nq	99
91) Dibenzo(a,h)anthracene	25.56	278	2239917	71.283	nq	98
92) Benzo(g,h,i)perylene	26.21	276	2229076	75.436	nq	99

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



#1

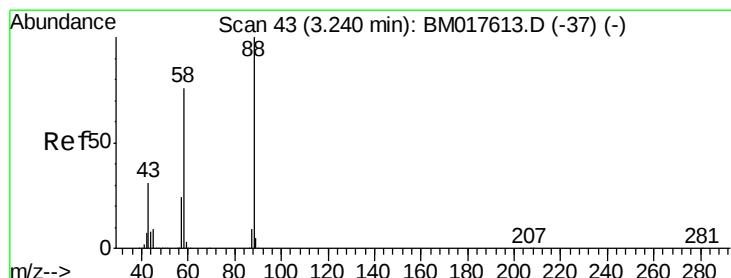
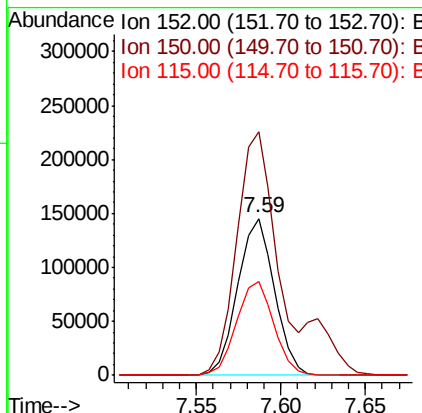
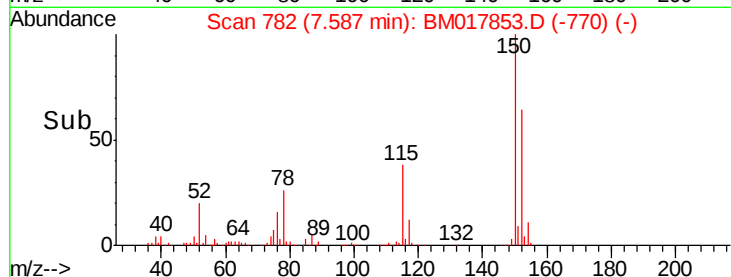
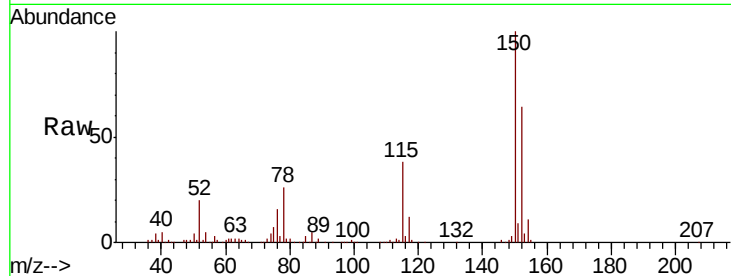
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.4	189.6
115	59.7	49.4	74.0

Manual Integrations
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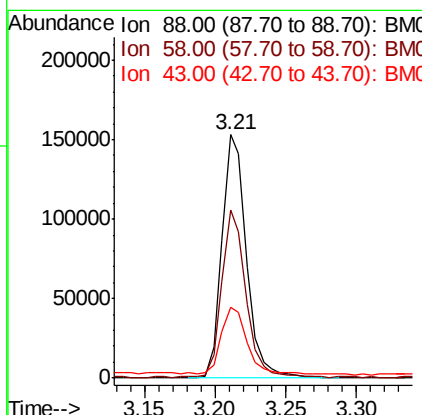
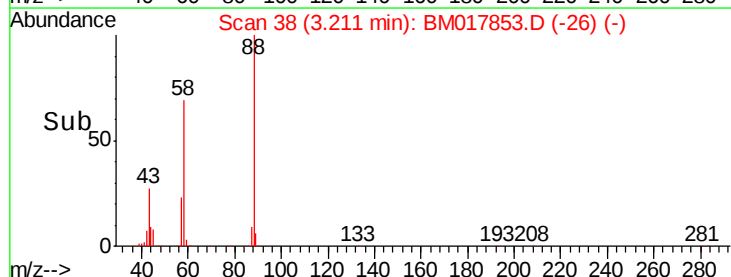
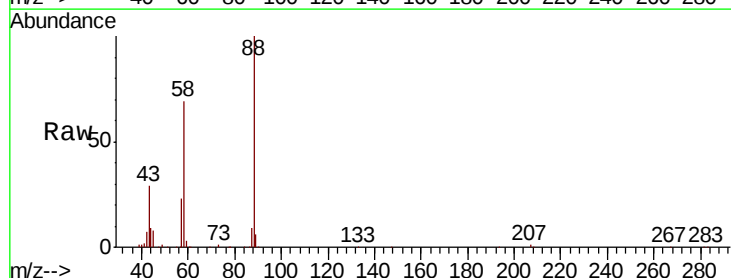
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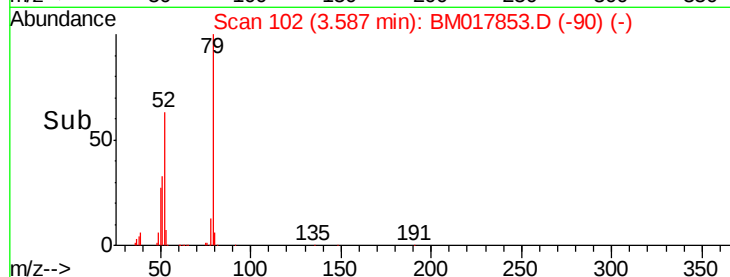
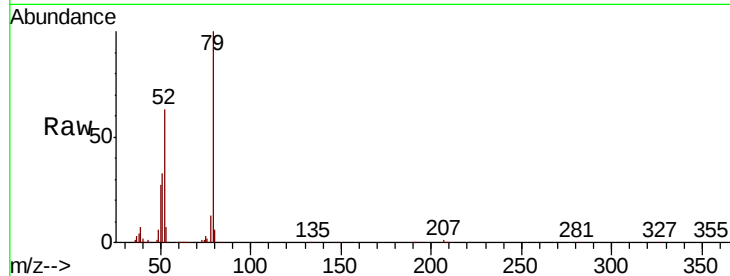
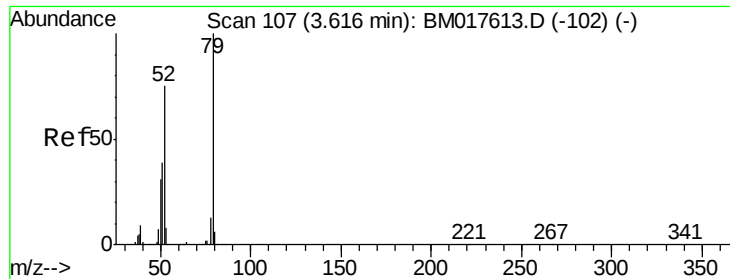


#2

1,4-Dioxane
Concen: 34.007 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	62.0	93.0
43	29.5	26.8	40.2





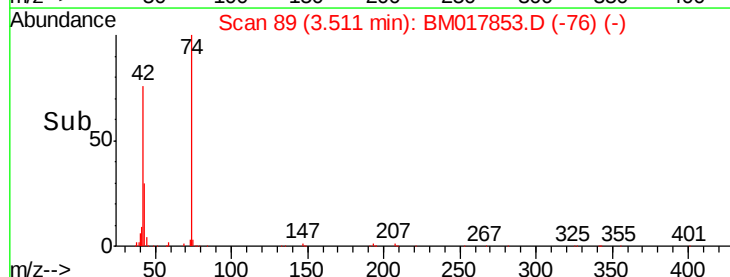
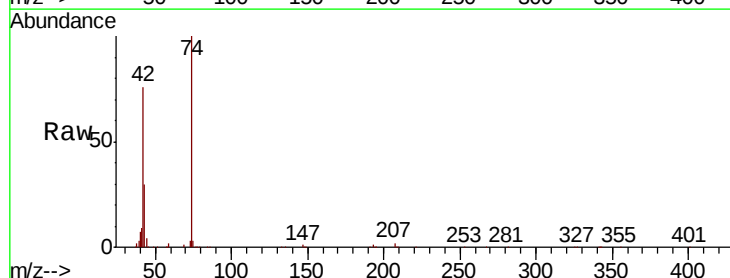
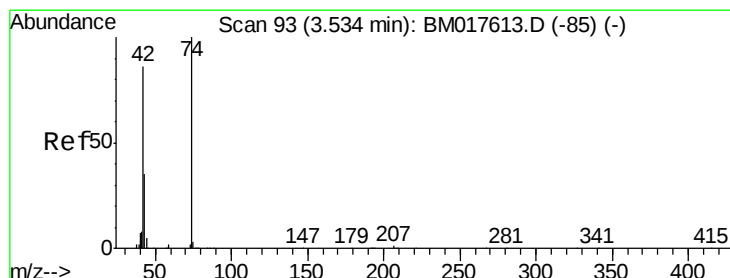
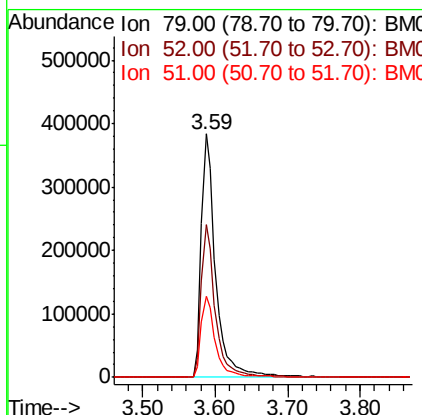
#3
 Pvridine
 Concen: 33.489 ng
 RT: 3.59 min Scan# 102
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	62.8	60.1	90.1
51	33.3	31.1	46.7

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

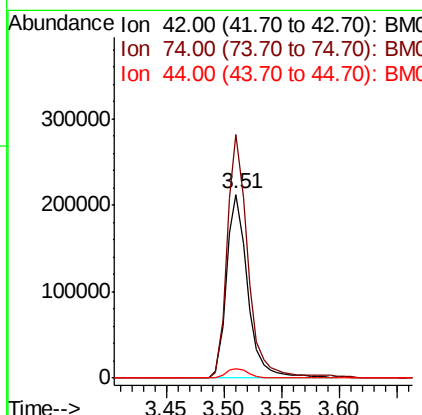
Manual Integrations
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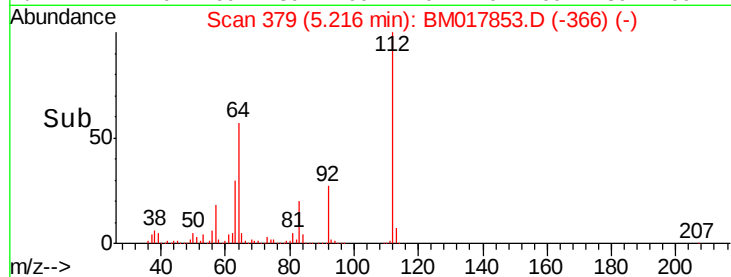
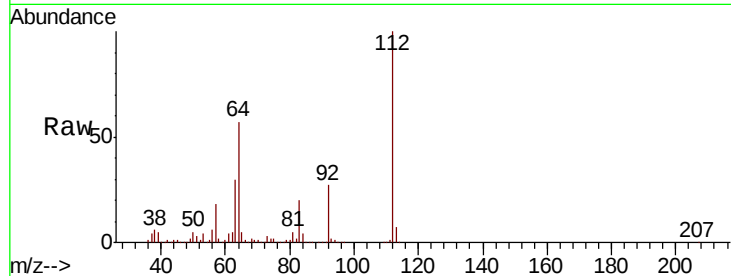
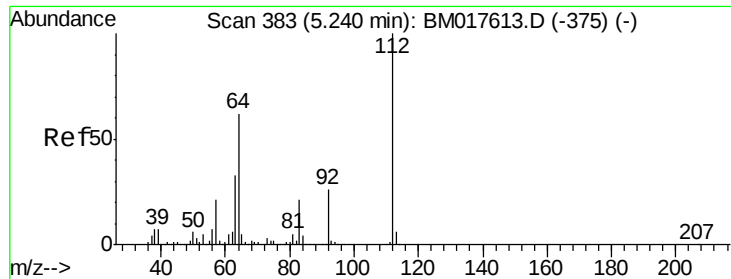
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#4
 n-Nitrosodimethylamine
 Concen: 38.743 ng
 RT: 3.51 min Scan# 89
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	132.3	93.1	139.7
44	5.0	5.0	7.6#





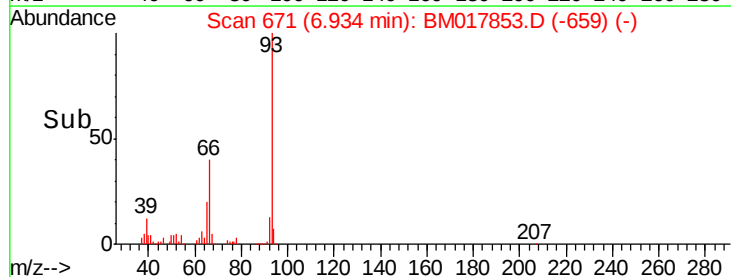
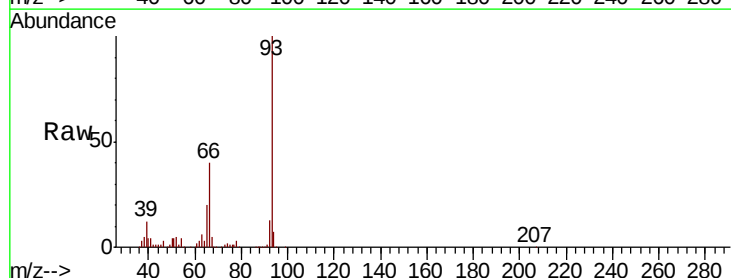
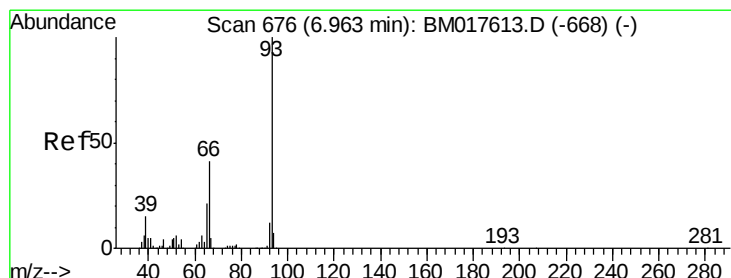
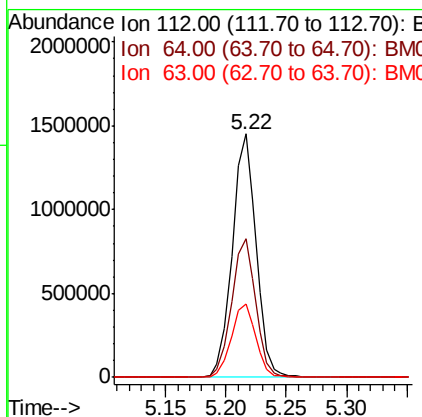
#5
2-Fluorophenol
Concen: 153.284 ng
RT: 5.22 min Scan# 379
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.8	49.3	73.9
63	30.3	26.2	39.4

Instrument :
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ClientSampleId :
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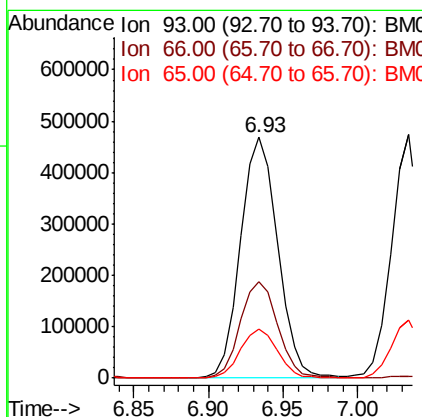
Manual Integrations
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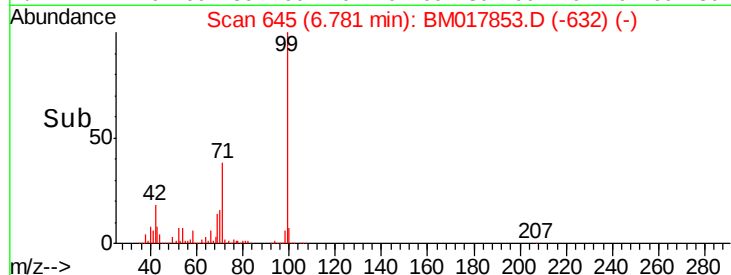
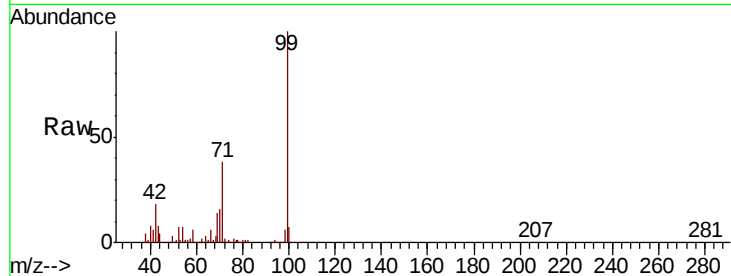
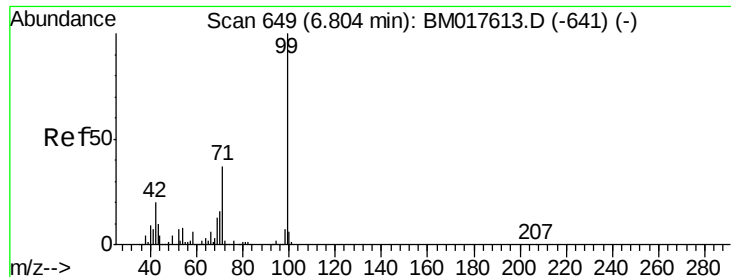
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#6
Aniline
Concen: 35.988 ng
RT: 6.93 min Scan# 671
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.8	49.2
65	20.2	16.6	25.0





#7

Phenol-d6

Concen: 144.092 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tot Ion: 99 Resp: 2621880

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

71 37.8 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

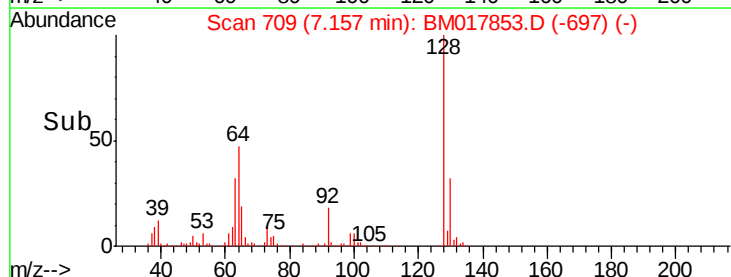
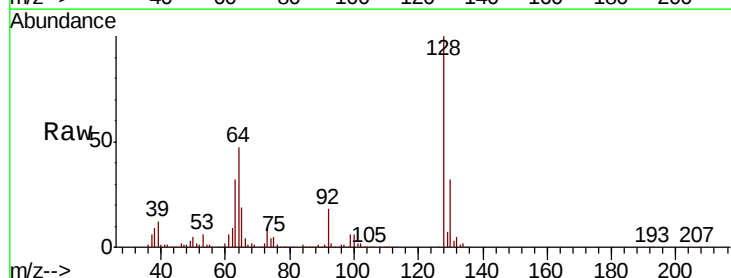
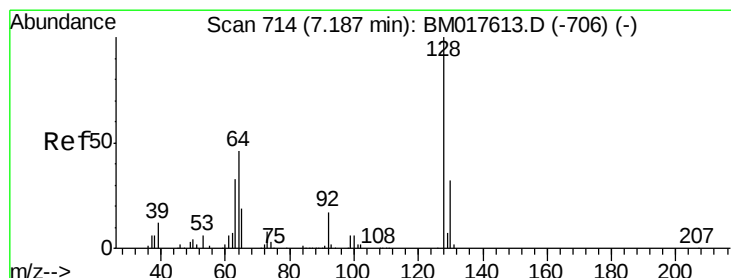
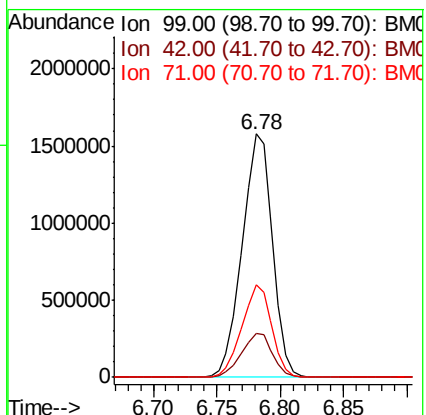
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#8

2-Chlorophenol

Concen: 48.635 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

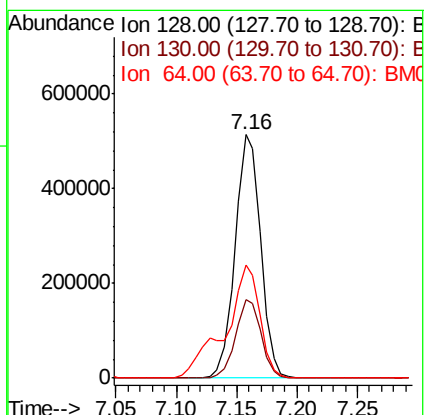
Tgt Ion: 128 Resp: 758317

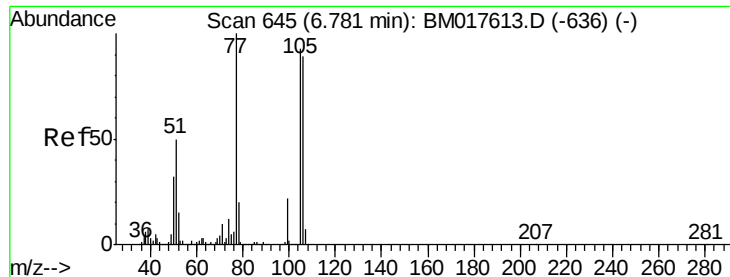
Ion Ratio Lower Upper

128 100

130 32.4 12.4 52.4

64 46.6 30.0 70.0





#9

Benzaldehyde

Concen: 14.660 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.04 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

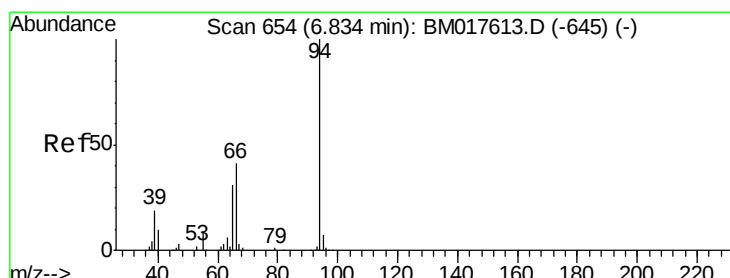
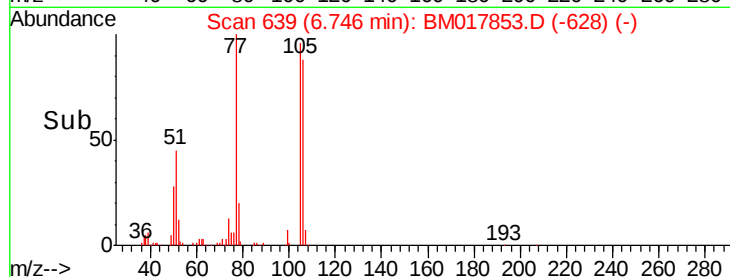
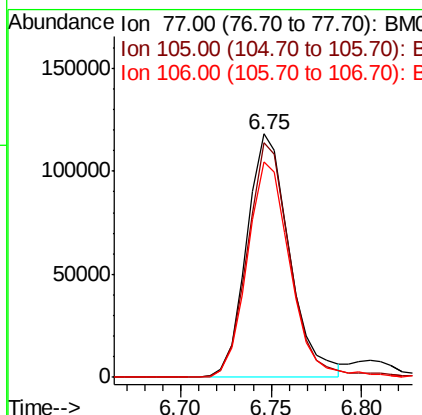
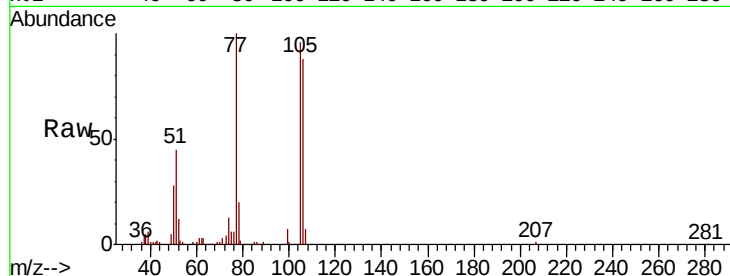
ClientSampleId :

PB115195BS

Tot Ion:	77	Resp:	194318
Ion	Ratio	Lower	Upper
77	100		
105	96.2	72.7	112.7
106	88.2	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 48.341 ng

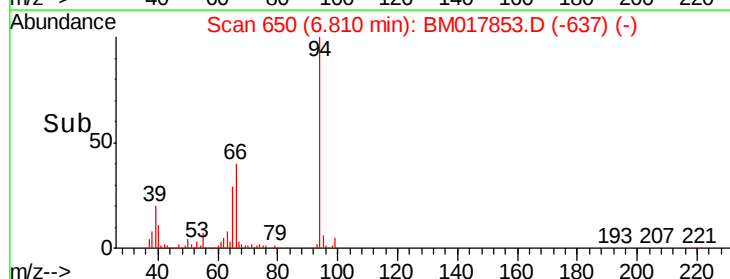
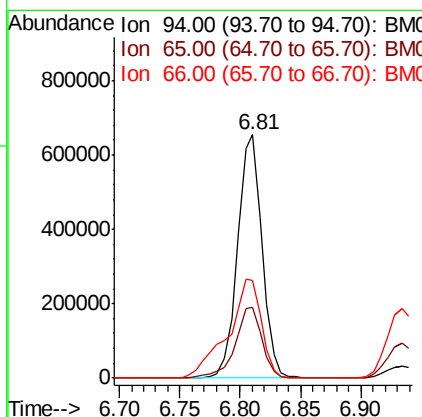
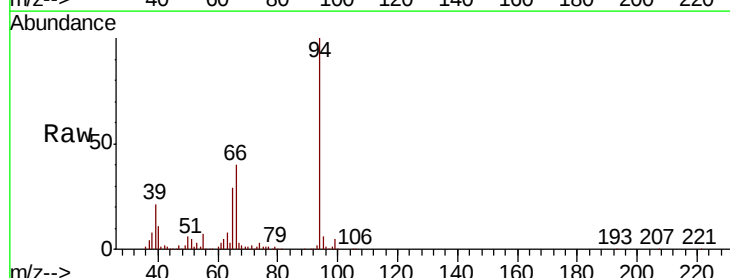
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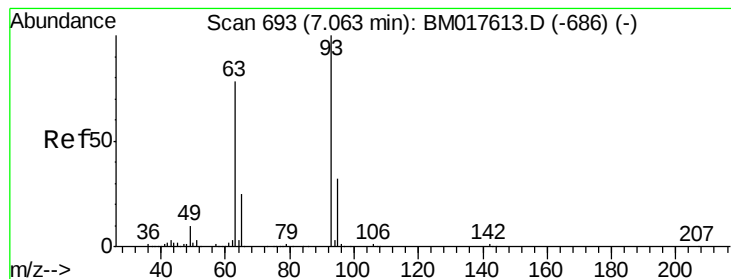
Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tgt Ion:	94	Resp:	923251
Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.4	51.4
66	40.1	21.4	61.4





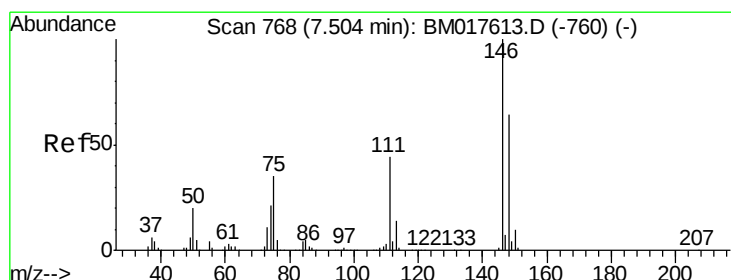
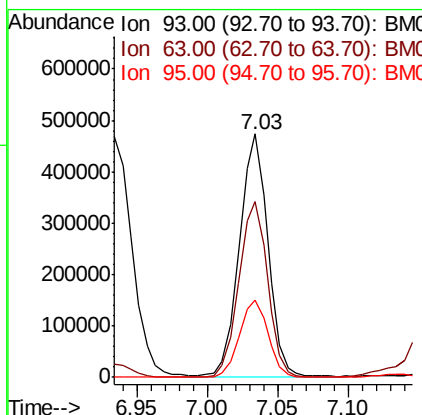
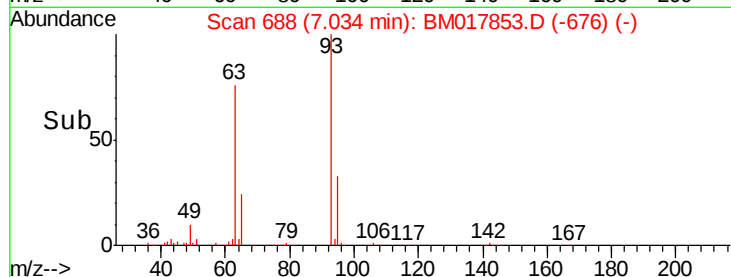
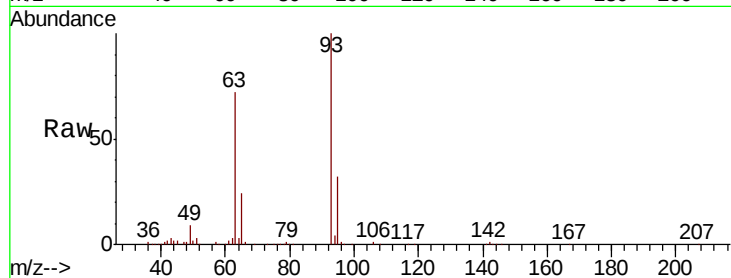
#11
bis(2-Chloroethyl)ether
Concen: 43.892 ng
RT: 7.03 min Scan# 688
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	93	Resp	661761
Ion	Ratio	Lower	Upper
93	100		
63	72.2	57.9	97.9
95	31.8	12.3	52.3

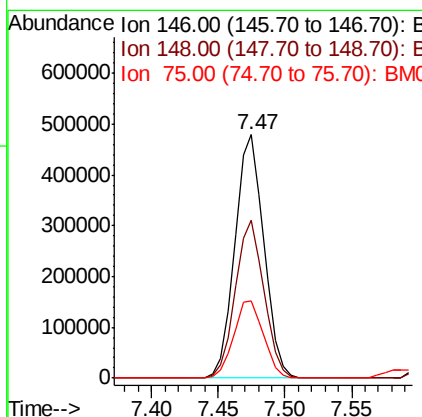
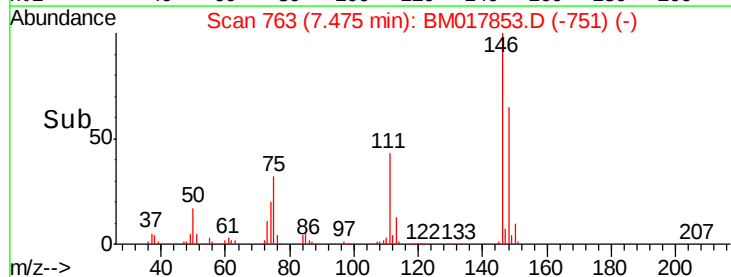
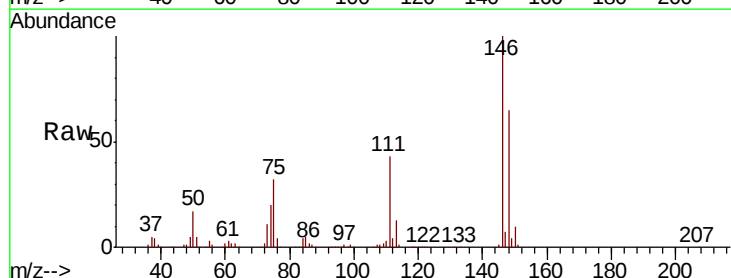
Manual Integrations
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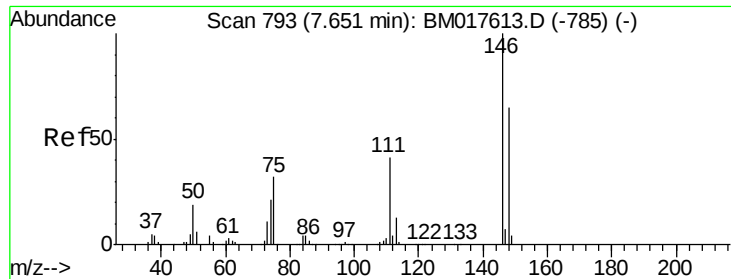
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.308 ng
RT: 7.47 min Scan# 763
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	146	Resp	722608
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
75	31.9	28.2	42.2





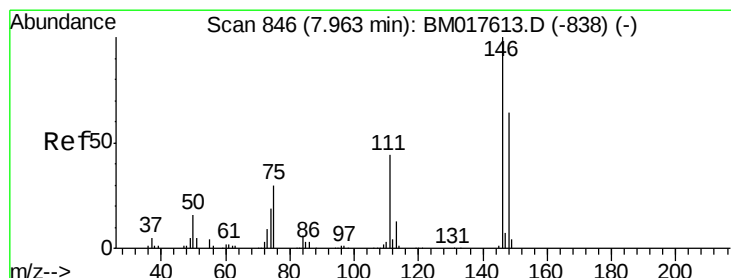
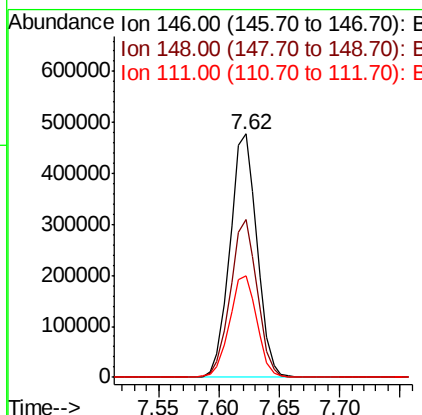
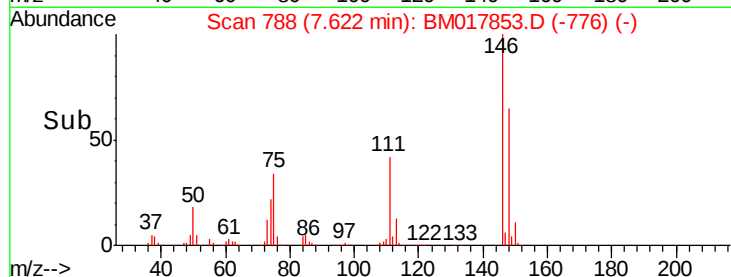
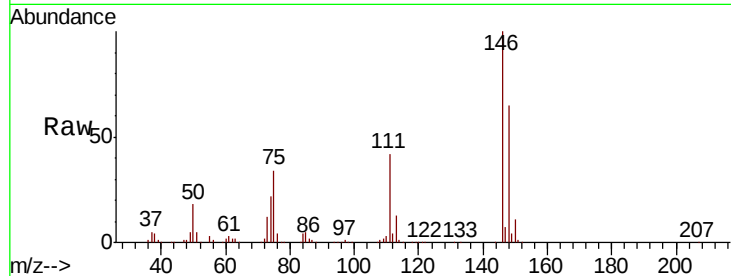
#13
 1,4-Dichlorobenzene
 Concen: 41.563 ng
 RT: 7.62 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.0	78.0
111	41.8	33.2	49.8

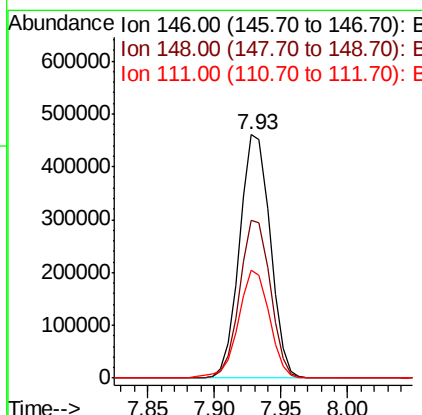
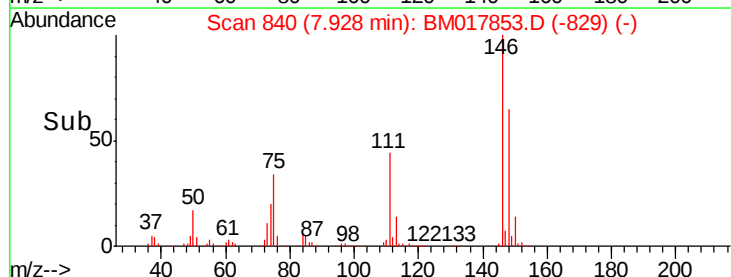
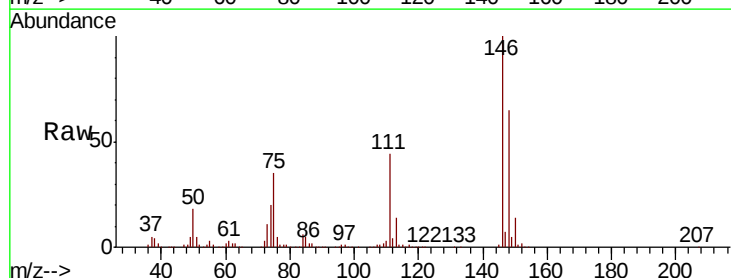
Manual Integrations
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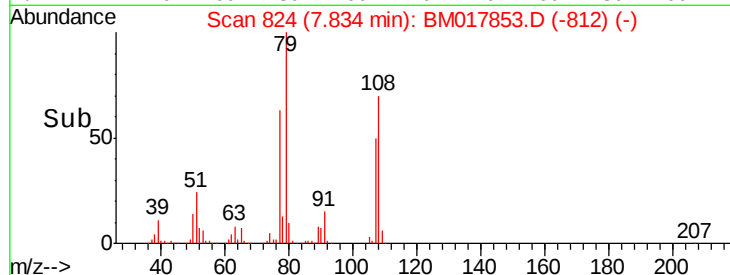
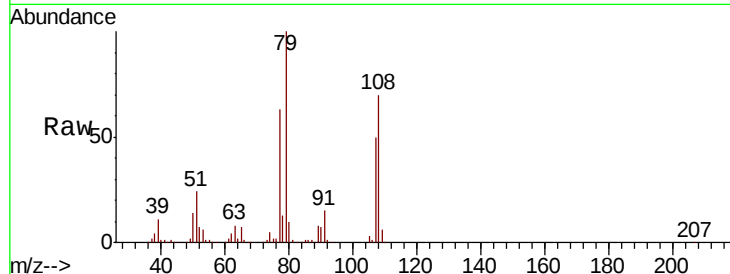
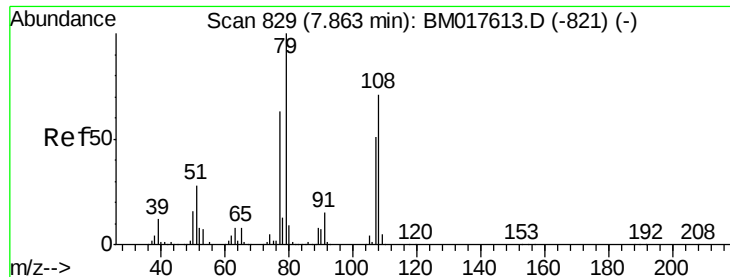
mohammad
 12/3/2018 4:58:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.036 ng
 RT: 7.93 min Scan# 840
 Delta R.T. -0.04 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	44.3	35.8	53.8





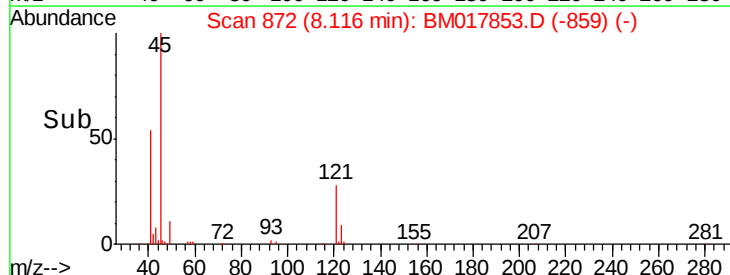
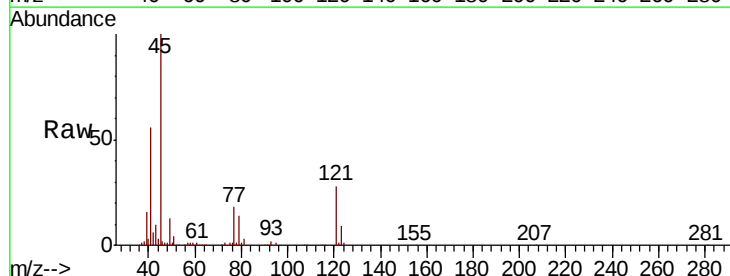
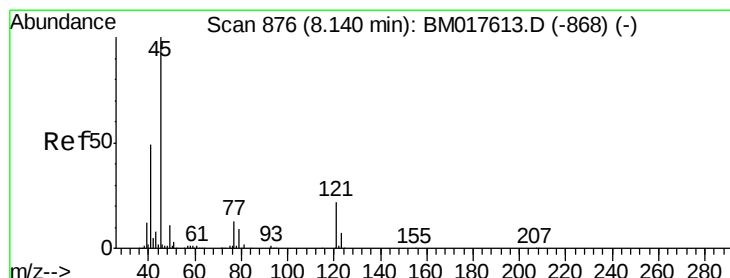
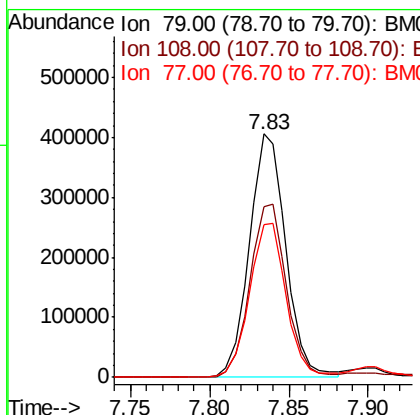
#15
Benzyl Alcohol
Concen: 44.756 ng
RT: 7.83 min Scan# 824
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.0	57.1	85.7
77	63.0	50.4	75.6

Instrument :
BNA_M
ClientSampleId :
PB115195BS

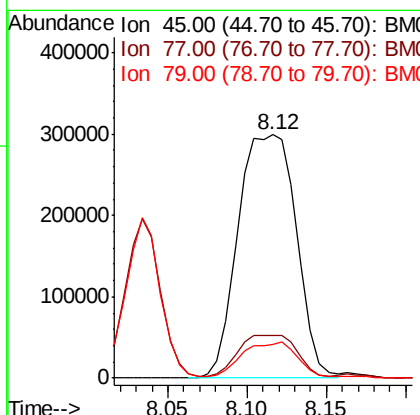
Manual Integrations
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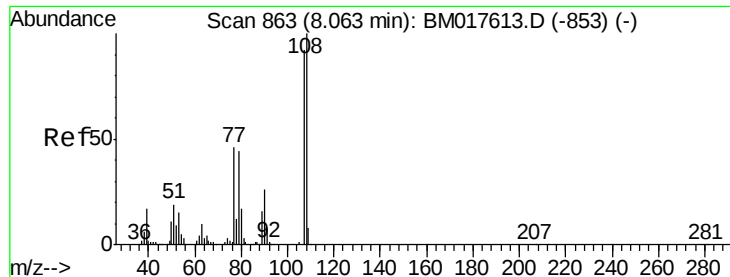
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.134 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	34.2
79	14.1	0.0	30.5





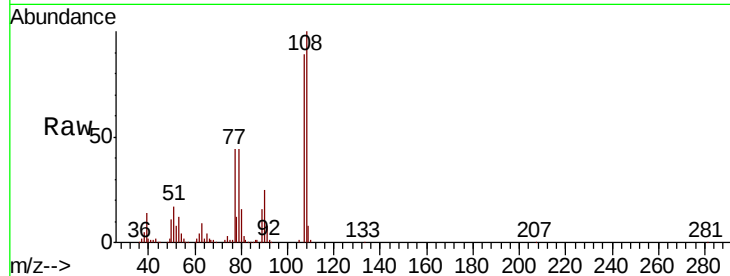
#17
2-Methylphenol
Concen: 47.531 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

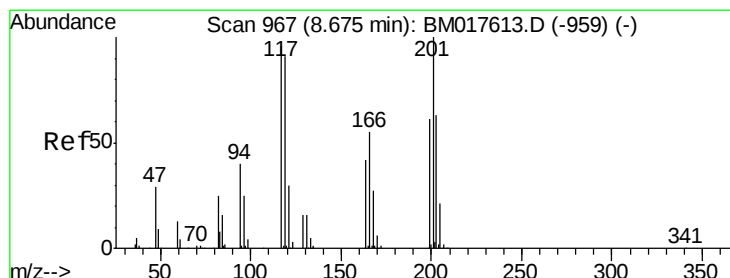
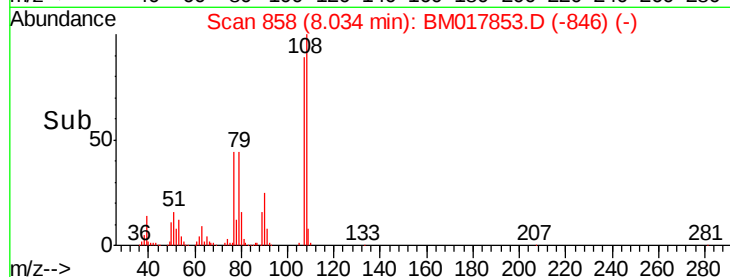
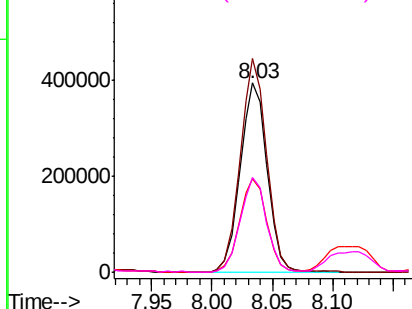
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	86.7	130.1	
77	49.5	39.8	59.6	
79	50.0	38.4	57.6	

Manual Integrations
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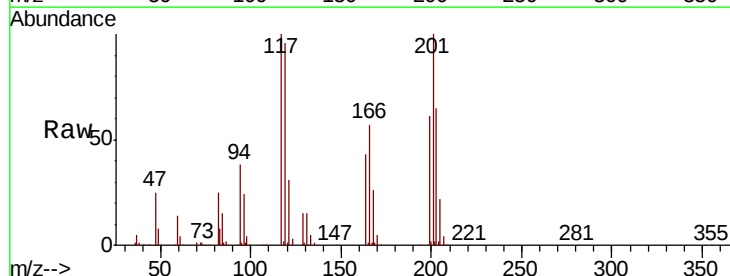


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

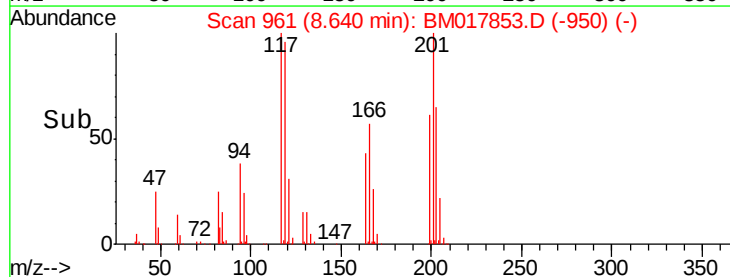
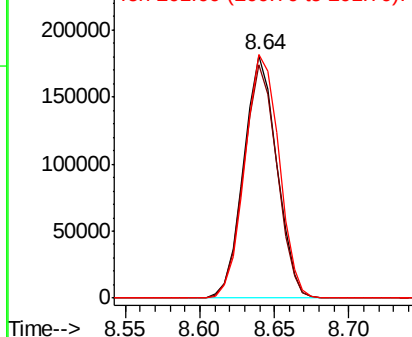


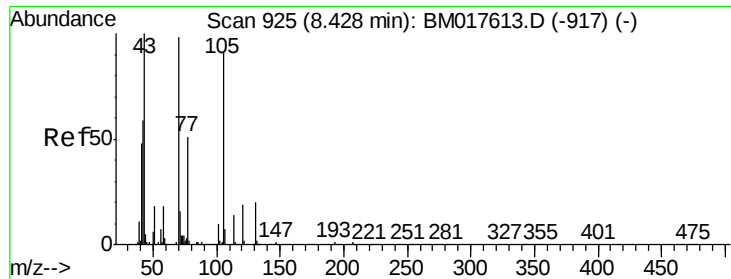
#18
Hexachloroethane
Concen: 44.046 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.8	113.8	
201	100.2	83.0	124.4	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





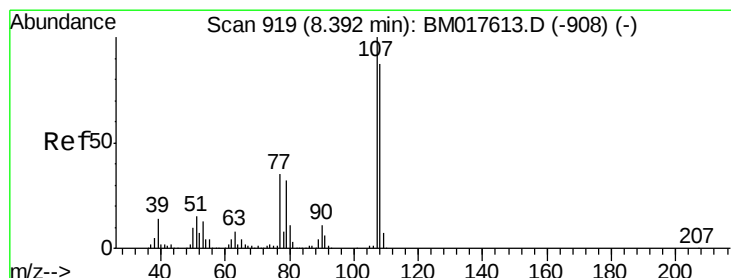
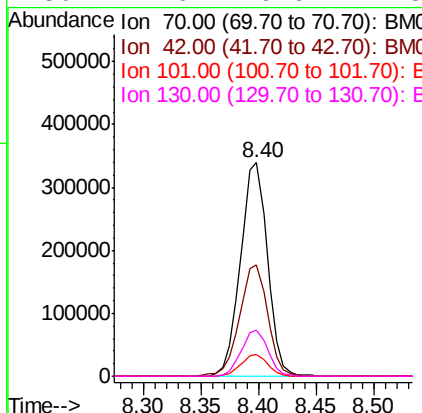
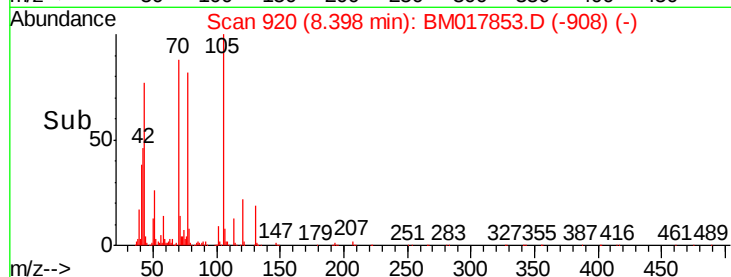
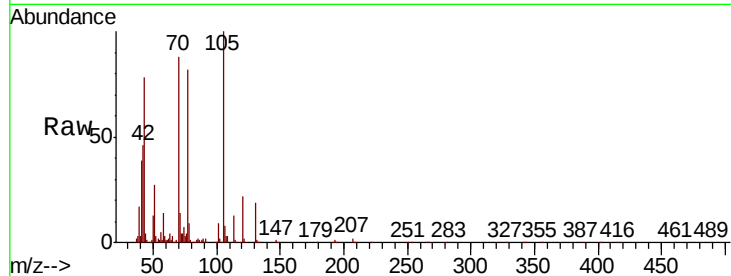
#19
n-Nitroso-di-n-propylamine
Concen: 42.222 ng
RT: 8.40 min Scan# 920
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampled :
PB115195BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	48.6	73.0	
101	10.0	7.9	11.9	
130	21.6	16.6	24.8	

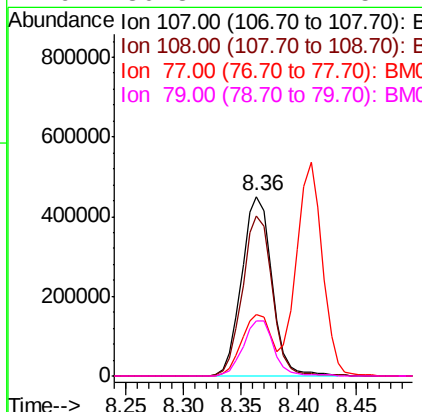
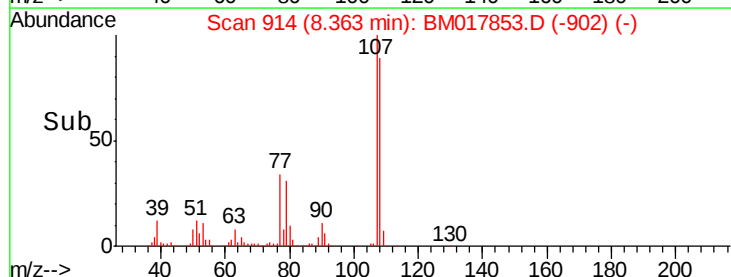
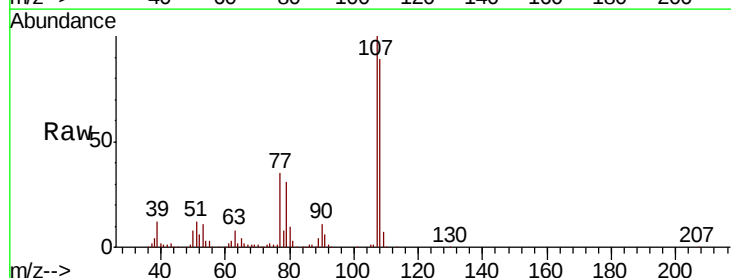
Manual Integrations
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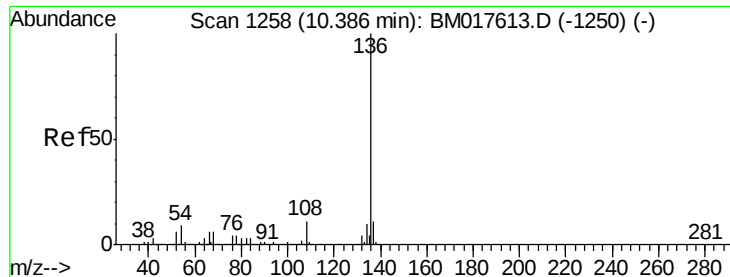
mohammad
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#20
3+4-Methylphenols
Concen: 45.940 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	67.0	107.0	
77	34.5	15.6	55.6	
79	30.8	11.7	51.7	





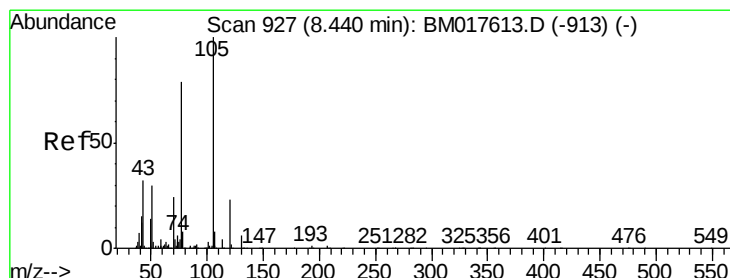
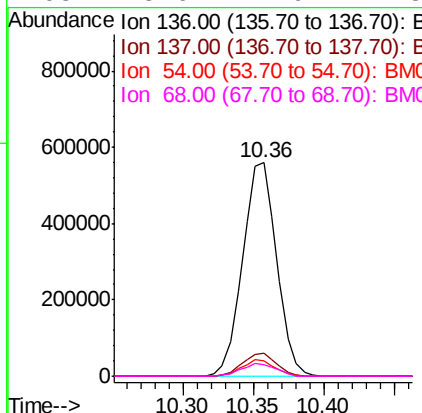
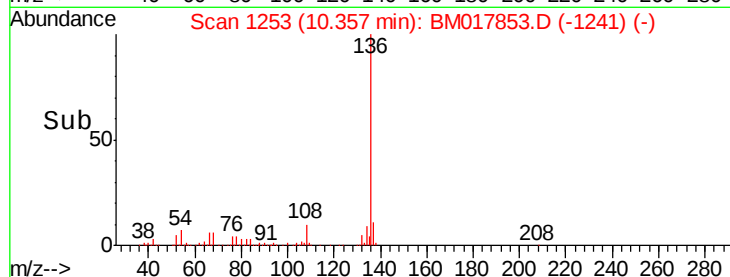
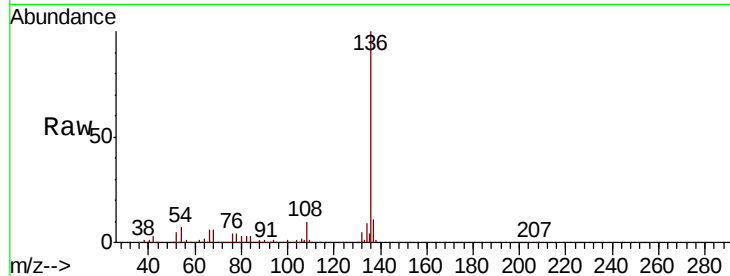
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	944129		
137	10.8	8.6	12.8	
54	7.2	7.0	10.6	
68	5.6	4.9	7.3	

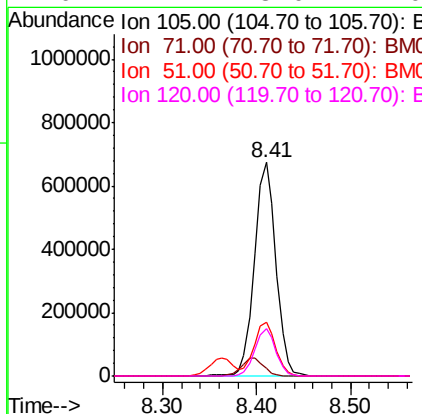
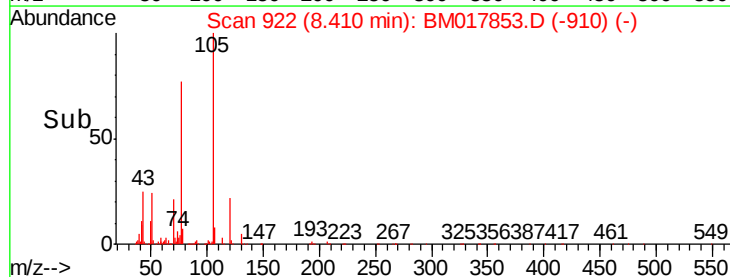
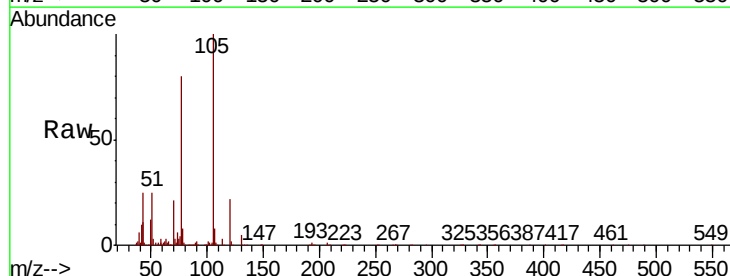
Manual Integrations
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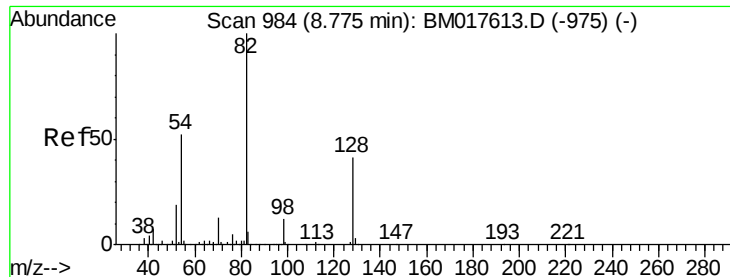
mohammad
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#22
Acetophenone
Concen: 45.291 ng
RT: 8.41 min Scan# 922
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1067228		
71	3.5	3.1	4.7	
51	25.4	23.8	35.8	
120	22.1	18.0	27.0	





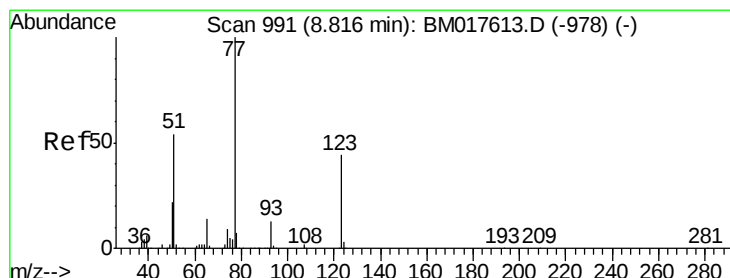
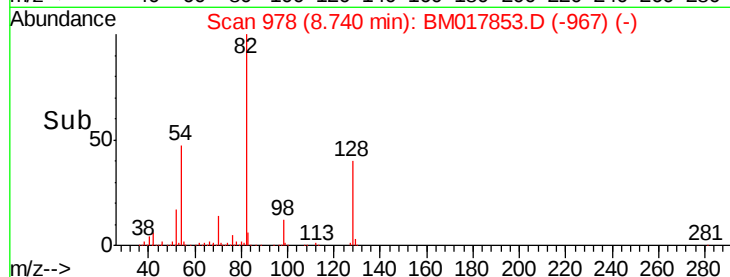
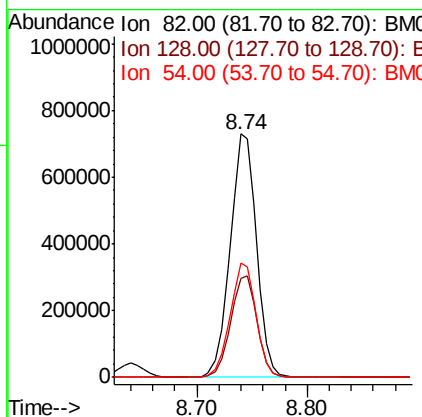
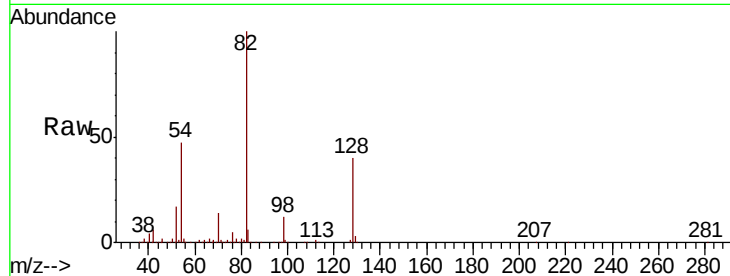
#23
 Nitrobenzene-d5
 Concen: 66.750 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.04 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Instrument :
 BNA_M
 ClientSampleID :
 PB115195BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.0	49.4
54	46.8	41.4	62.2

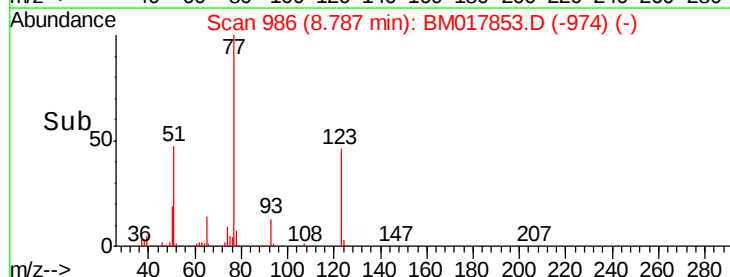
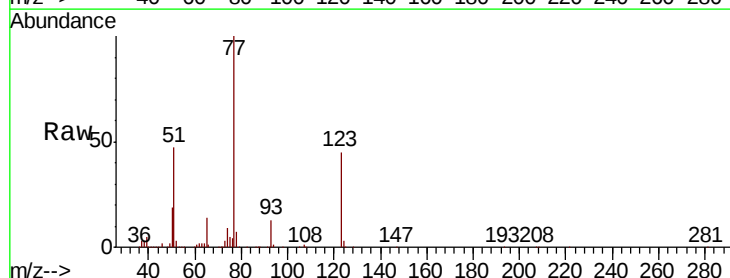
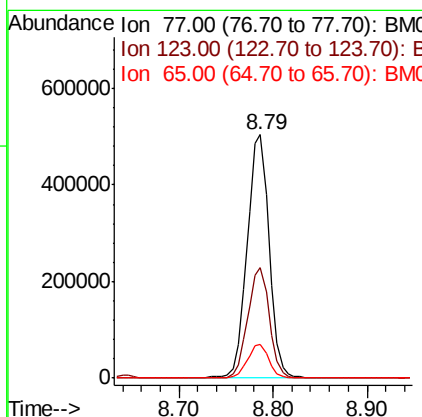
Manual Integrations
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 12/3/2018 4:58:27 PM



#24
 Nitrobenzene
 Concen: 43.894 ng
 RT: 8.79 min Scan# 986
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	35.1	52.7
65	13.8	11.0	16.6





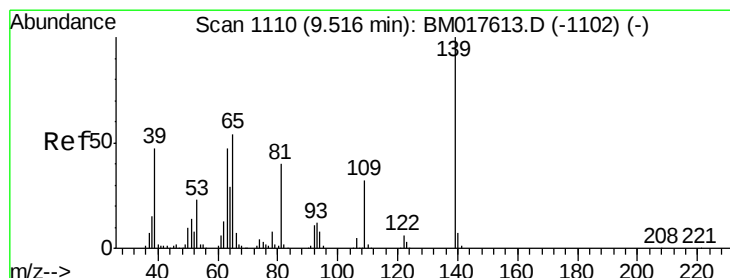
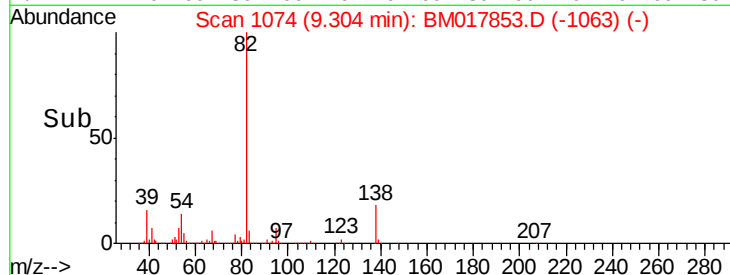
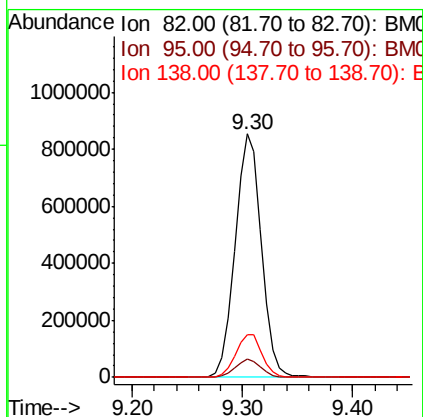
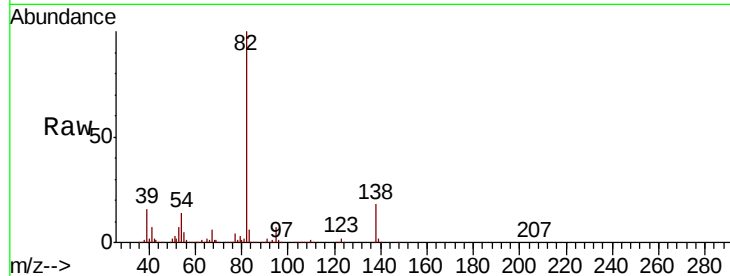
#25
Isophorone
Concen: 50.403 ng
RT: 9.30 min Scan# 1074
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.1	9.1
138	17.5	13.9	20.9

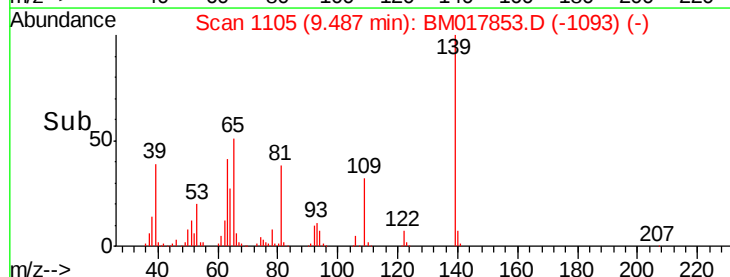
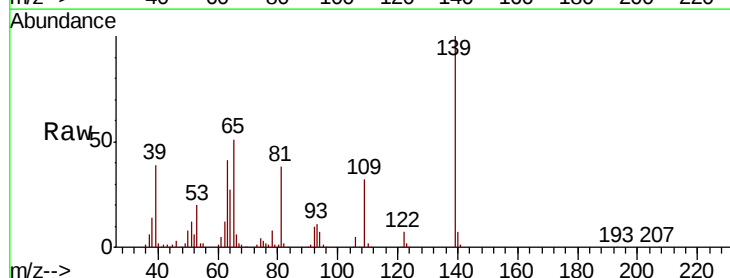
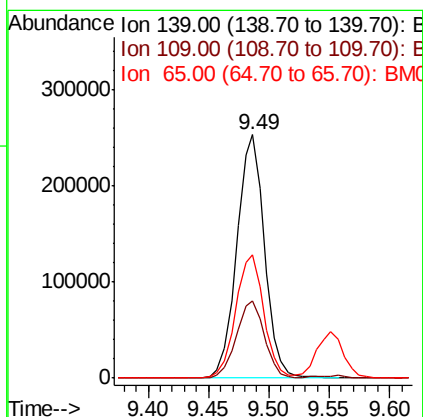
Manual Integrations
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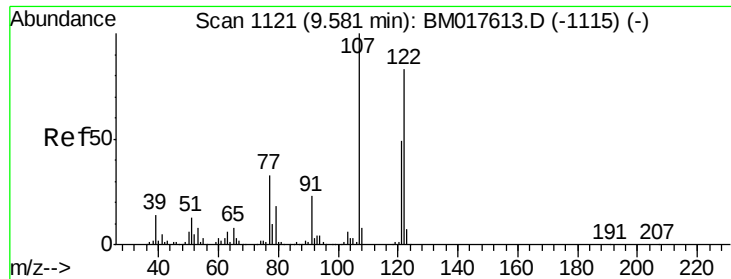
mohammad
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#26
2-Nitrophenol
Concen: 47.354 ng
RT: 9.49 min Scan# 1105
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.8	25.9	38.9
65	50.5	43.0	64.4





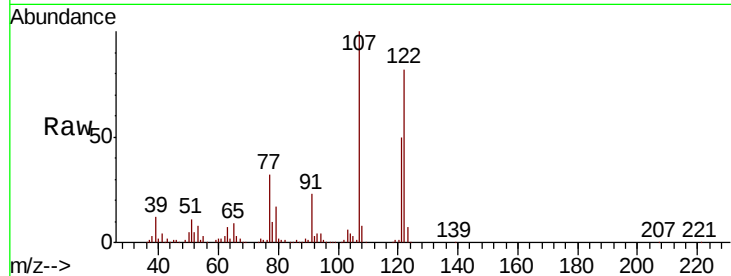
#27
2,4-Dimethylphenol
Concen: 53.939 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	95.8	143.8
121	60.8	47.2	70.8

Manual Integrations
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mohammad
12/3/2018 4:58:27 PM

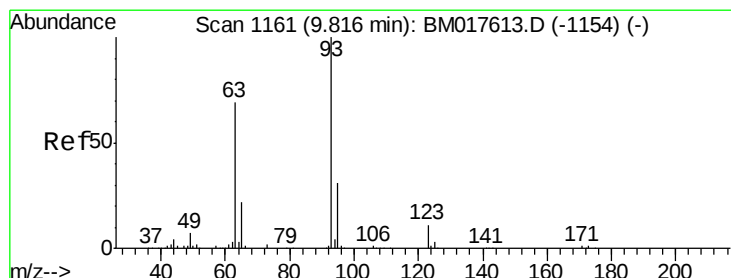
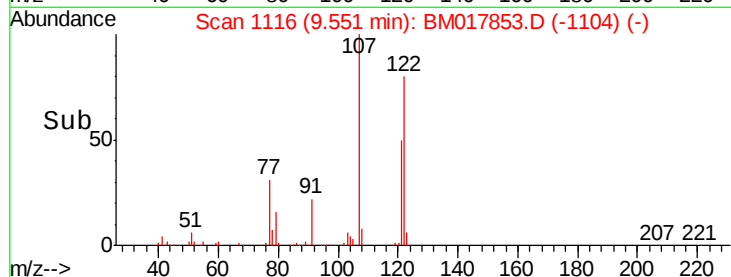
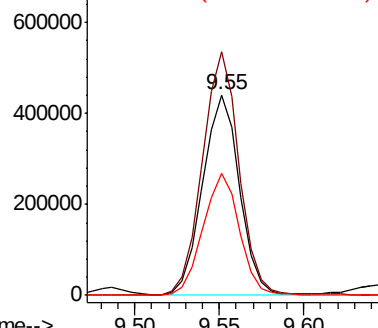


Abundance

Ion 122.00 (121.70 to 122.70): E

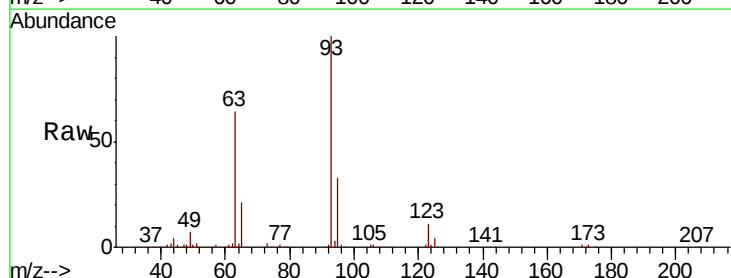
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 47.770 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	24.9	37.3
123	10.9	8.7	13.1

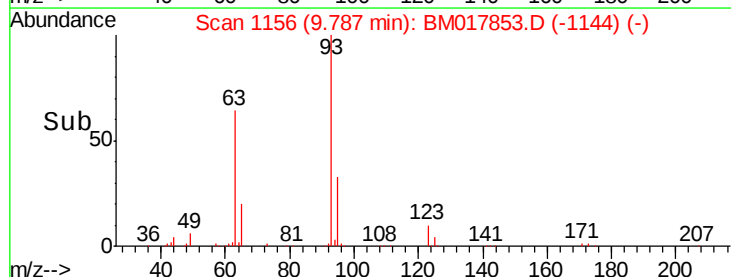
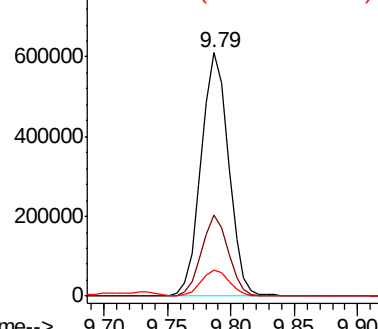


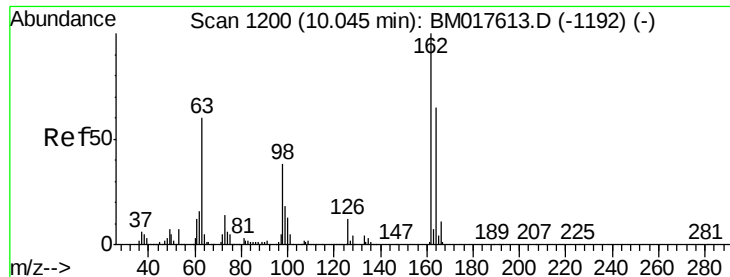
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





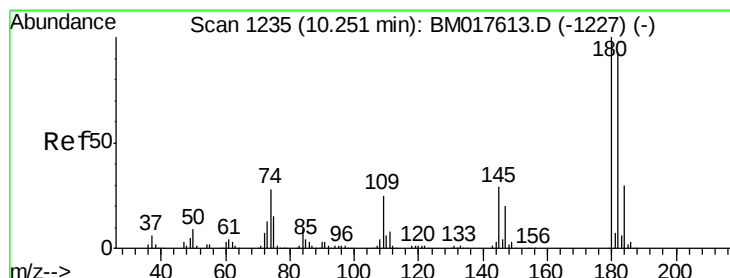
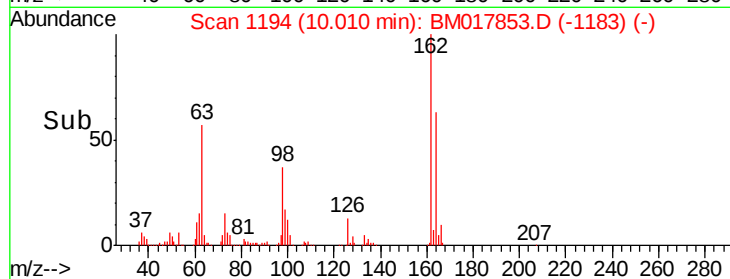
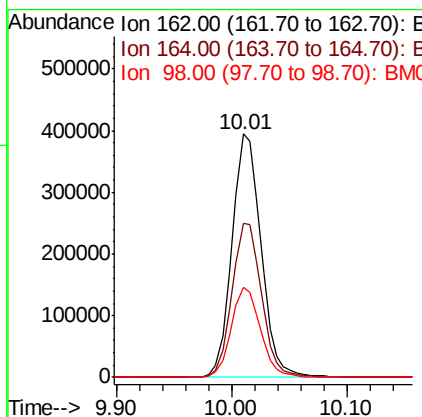
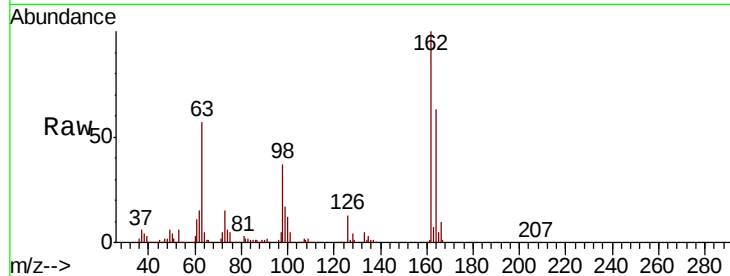
#29
2,4-Dichlorophenol
Concen: 48.291 ng
RT: 10.01 min Scan# 1194
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	690486		
164	63.3	45.0	85.0	
98	36.8	17.5	57.5	

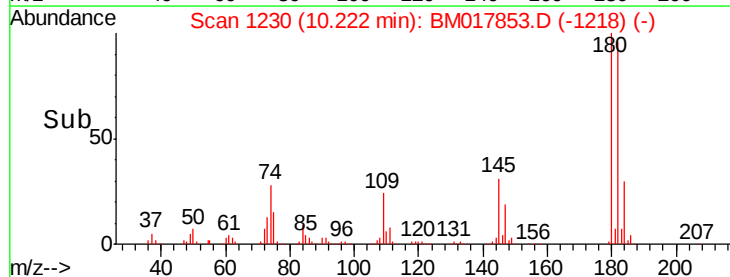
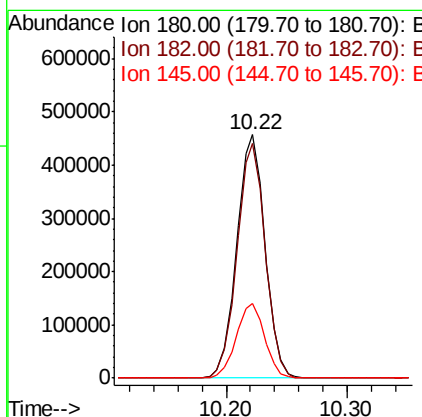
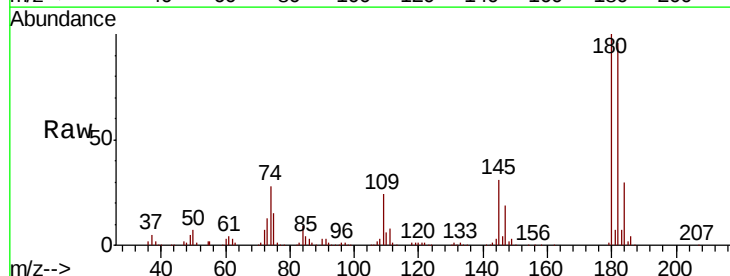
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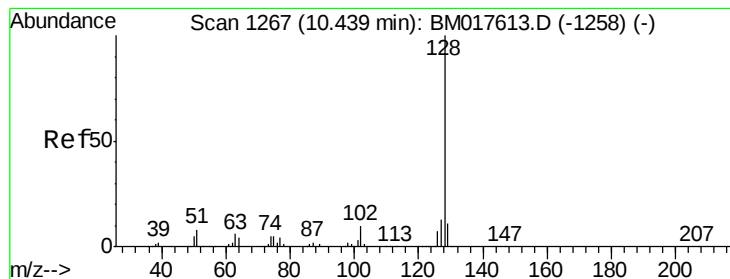
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.775 ng
RT: 10.22 min Scan# 1230
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	744622		
182	96.3	74.4	111.6	
145	30.5	23.5	35.3	





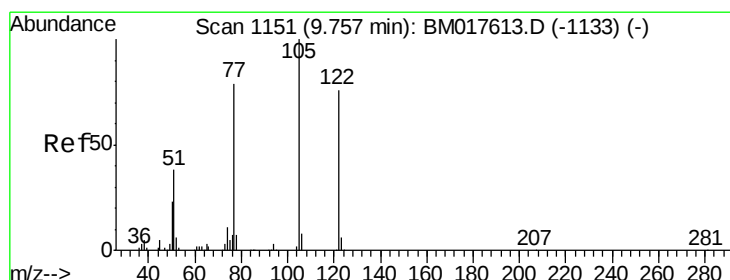
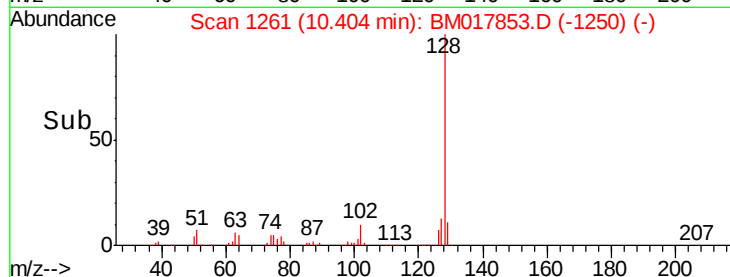
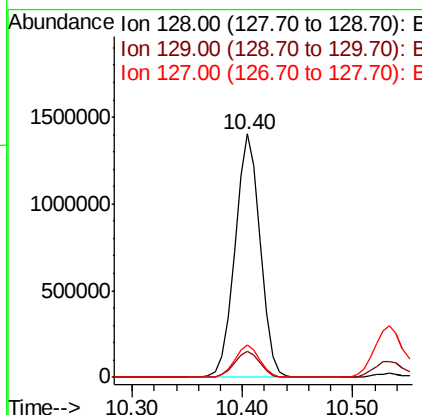
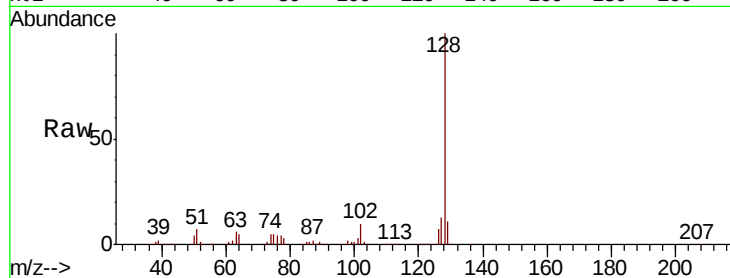
#31
Naphthalene
Concen: 48.075 ng
RT: 10.40 min Scan# 1261
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.1	10.3	15.5

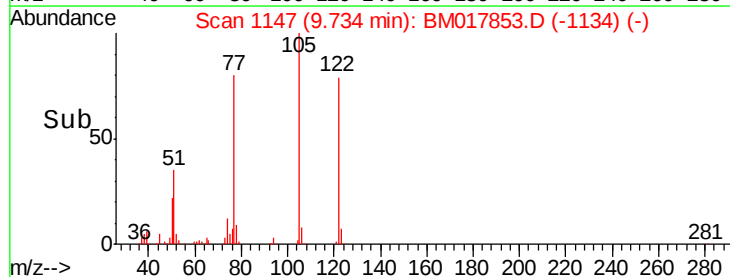
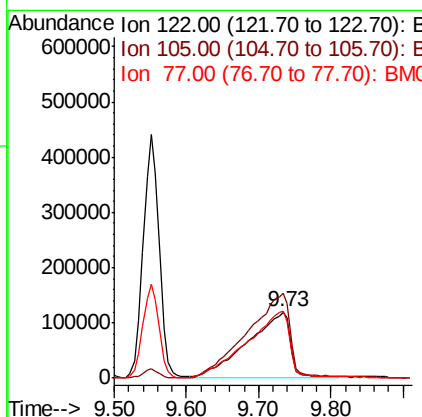
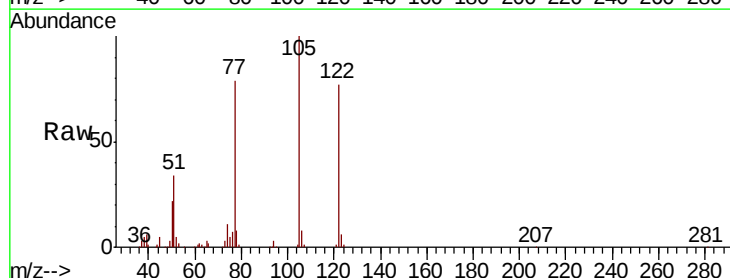
Manual Integrations
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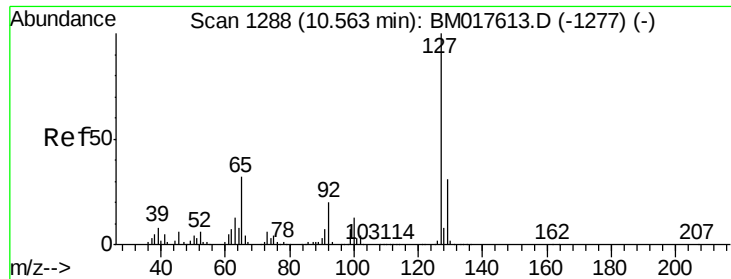
mohammad
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#32
Benzoic acid
Concen: 42.967 ng m
RT: 9.73 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	109.1	149.1
77	101.6	82.1	122.1





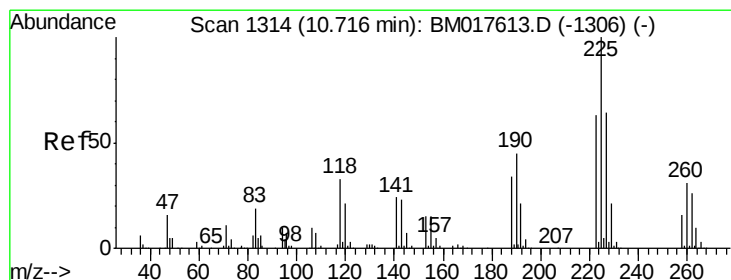
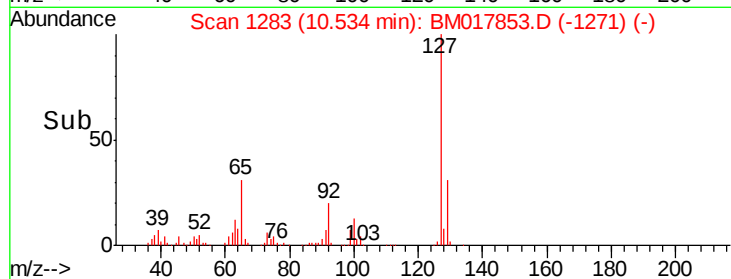
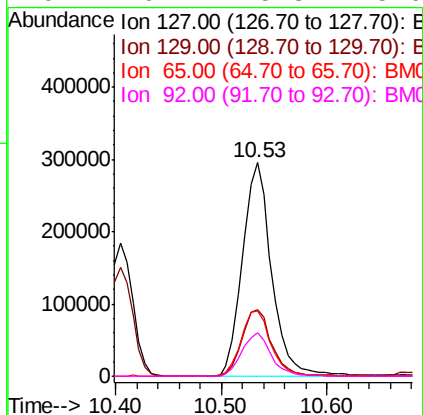
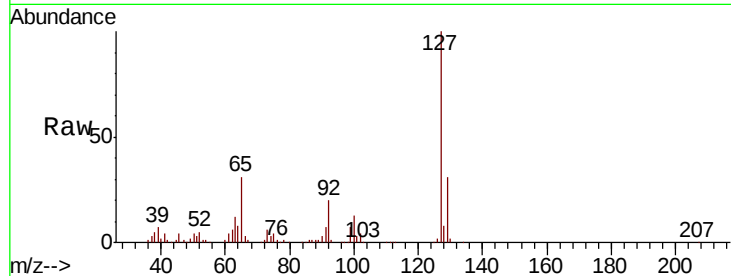
#33
4-Chloroaniline
Concen: 27.837 ng
RT: 10.53 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.0	37.4		
65	30.5	25.8	38.8		
92	20.2	15.8	23.6		

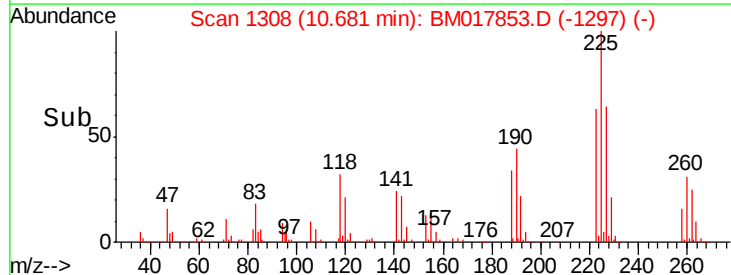
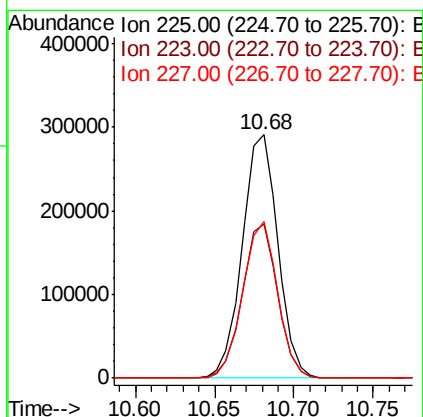
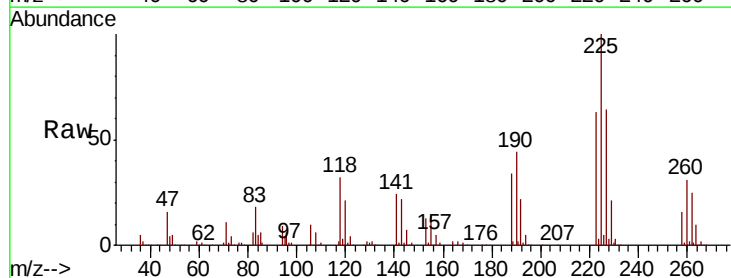
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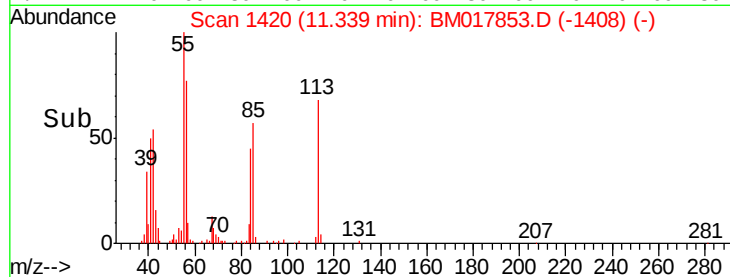
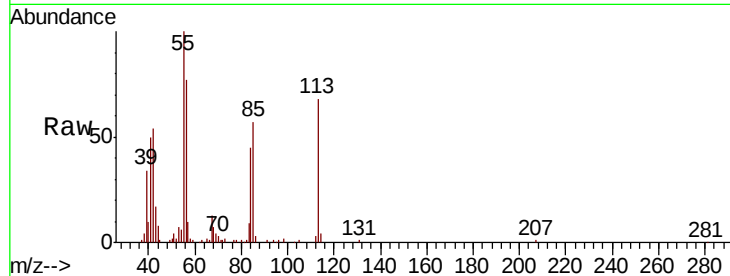
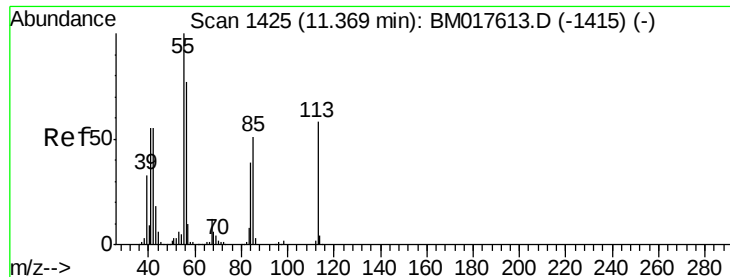
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#34
Hexachlorobutadiene
Concen: 43.819 ng
RT: 10.68 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.7	76.1		
227	64.2	51.0	76.4		





#35

Caprolactam

Concen: 38.627 ng/ml

RT: 11.34 min Scan# 1420

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tot Ion:	113	Resp:	203394
Ion Ratio	Lower	Upper	
113	100		
55	147.5	153.1	193.1#
56	113.2	112.7	152.7

Instrument :

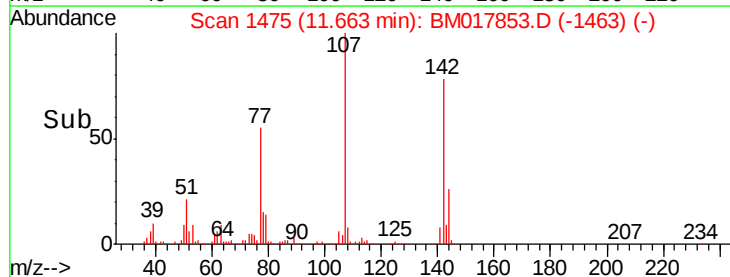
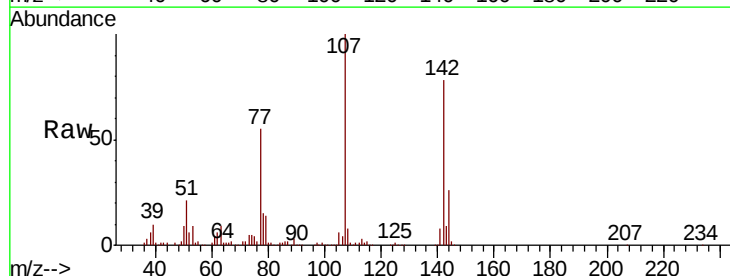
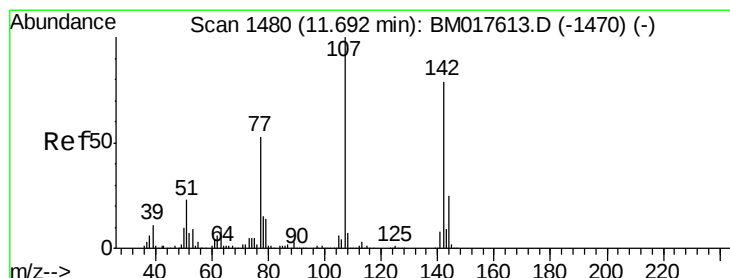
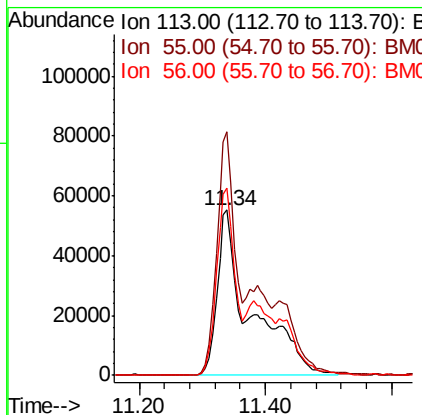
BNA_M

ClientSampled :

PB115195BS

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#36

4-Chloro-3-methylphenol

Concen: 44.645 ng/ml

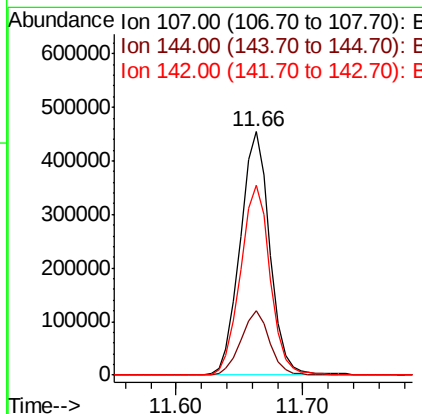
RT: 11.66 min Scan# 1475

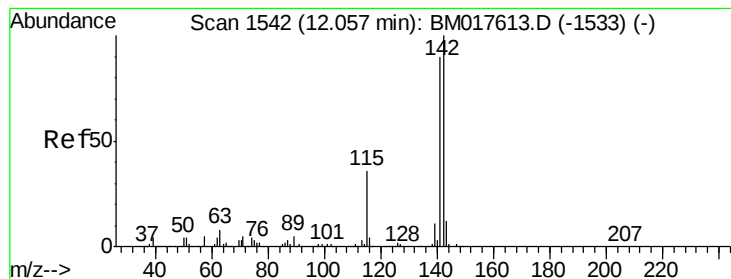
Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tgt Ion:	107	Resp:	737017
Ion Ratio	Lower	Upper	
107	100		
144	26.5	19.9	29.9
142	78.1	63.0	94.4





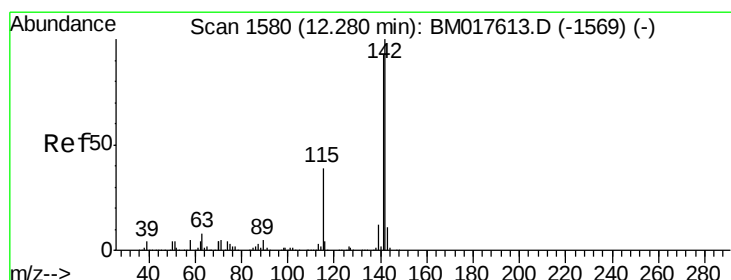
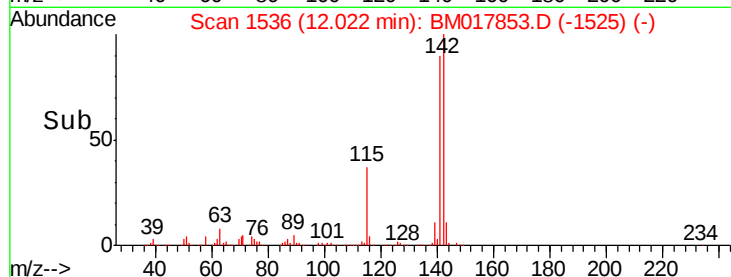
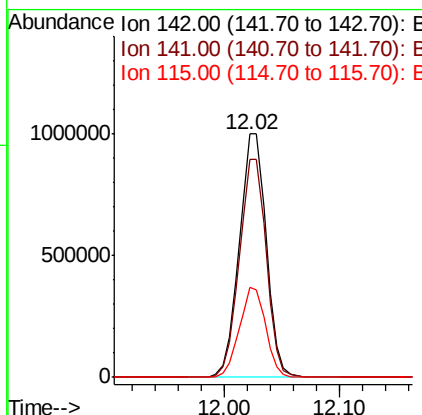
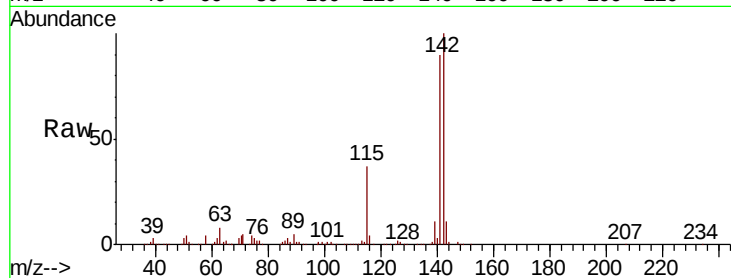
#37
 2-Methylnaphthalene
 Concen: 49.449 ng
 RT: 12.02 min Scan# 1536
 Delta R.T. -0.04 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.2	108.4
115	37.2	28.5	42.7

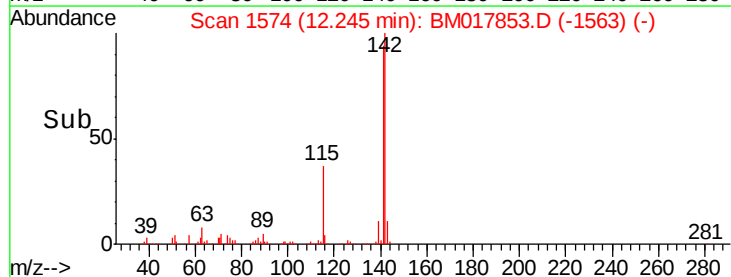
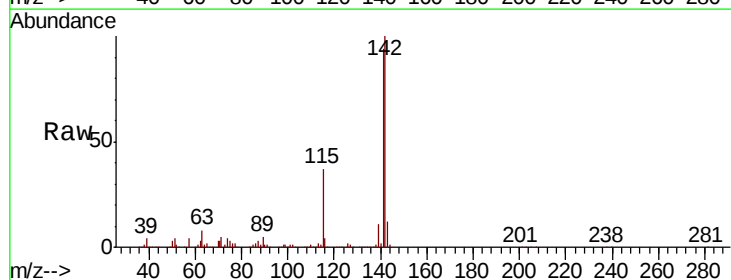
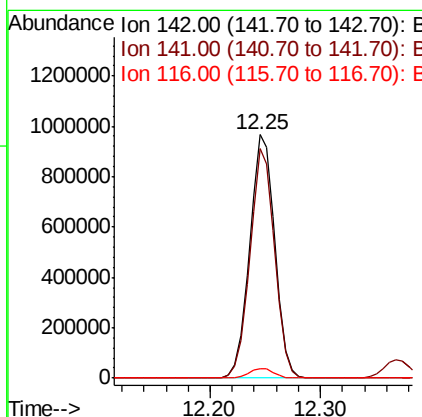
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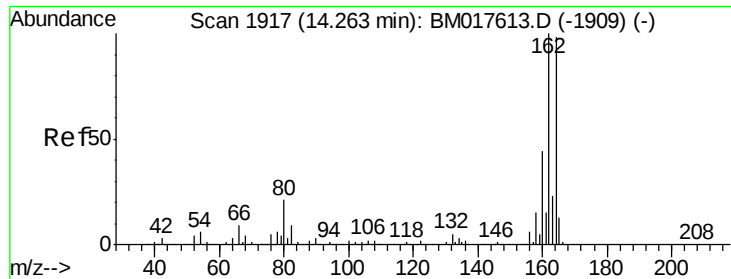
mohammad
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#38
 1-Methylnaphthalene
 Concen: 47.854 ng
 RT: 12.25 min Scan# 1574
 Delta R.T. -0.04 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.2	111.4
116	3.8	3.1	4.7





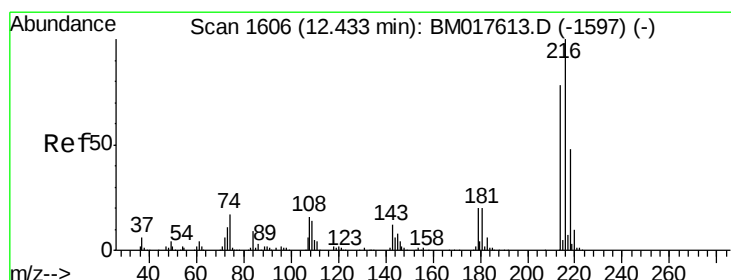
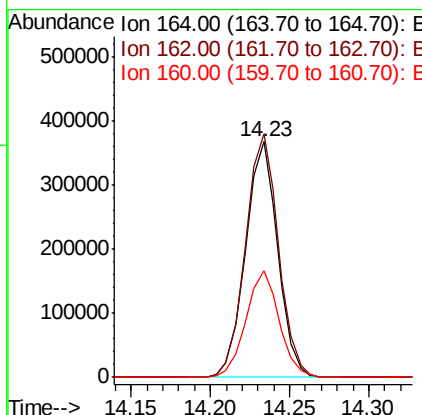
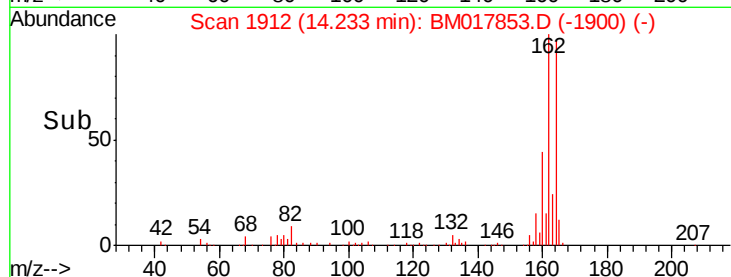
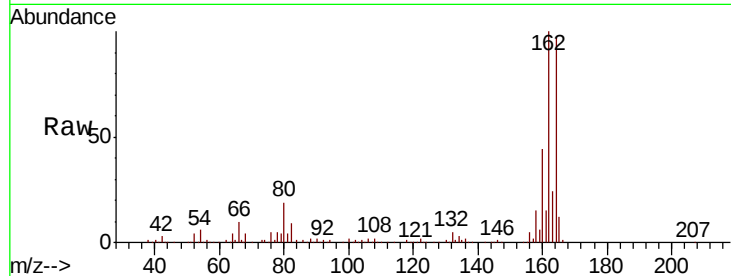
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.4	122.0
160	45.3	35.6	53.4

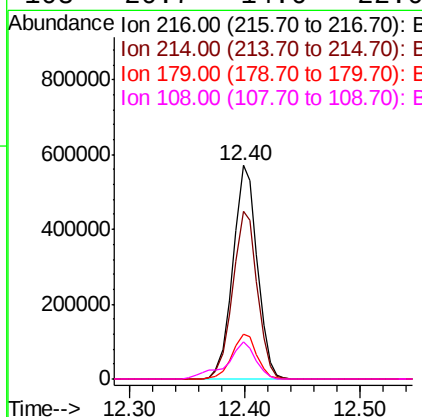
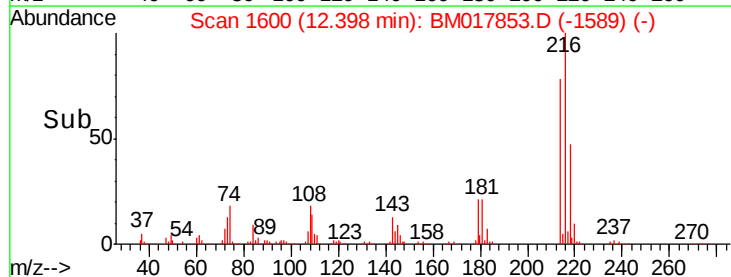
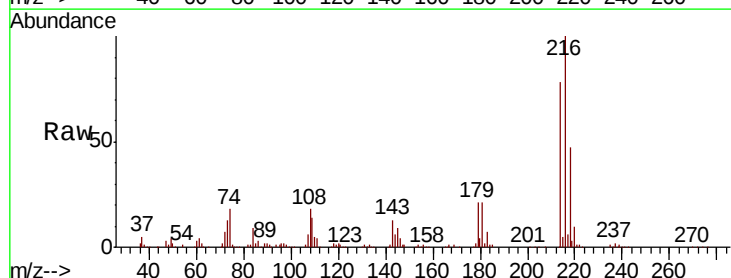
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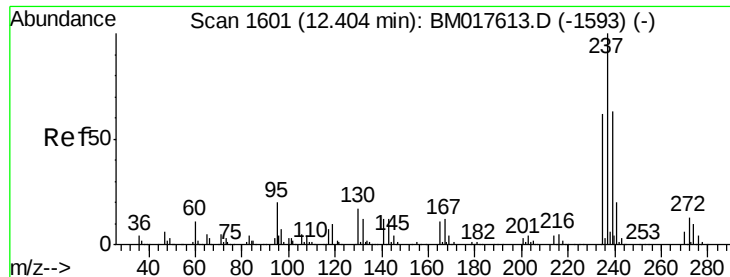
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.700 ng
RT: 12.40 min Scan# 1600
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.5	93.7
179	21.3	16.8	25.2
108	20.7	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 102.623 ng

RT: 12.37 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

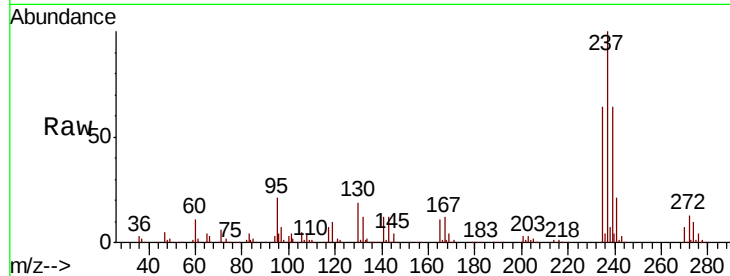
ClientSampleId :

PB115195BS

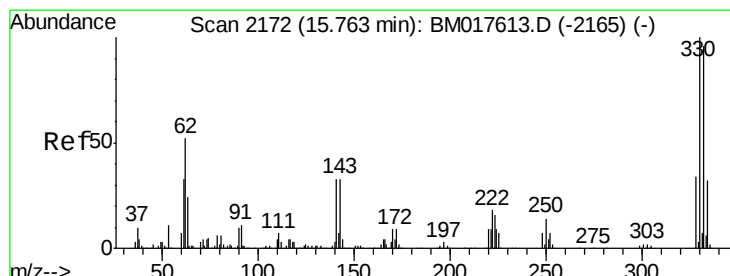
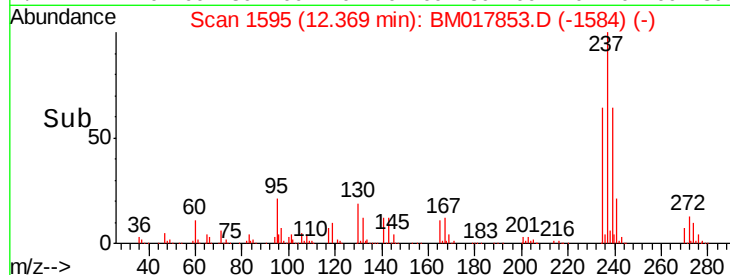
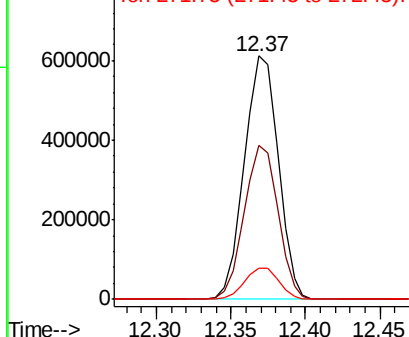
Tot Ion:	237	Resp:	964680
Ion Ratio		Lower	Upper
237	100		
235	63.5	42.2	82.2
272	12.9	0.0	32.6

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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: 129.592 ng

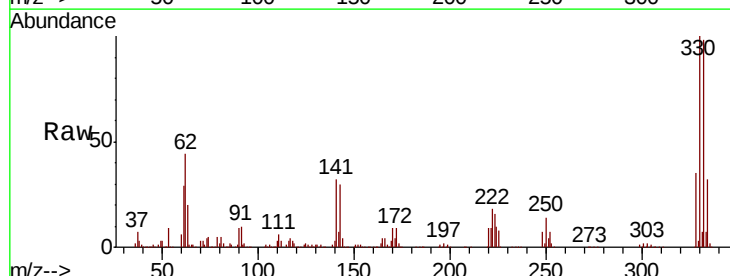
RT: 15.74 min Scan# 2168

Delta R.T. -0.02 min

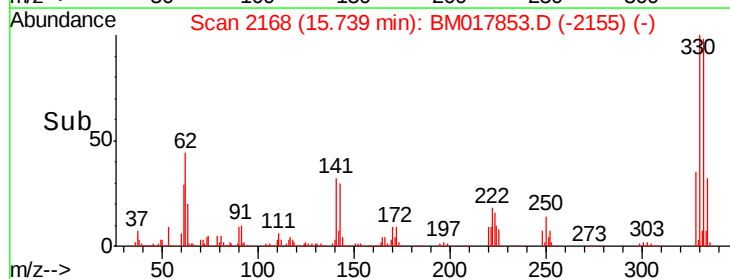
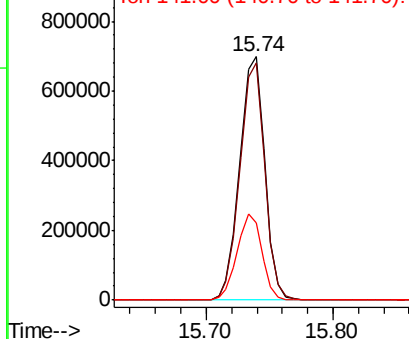
Lab File: BM017853.D

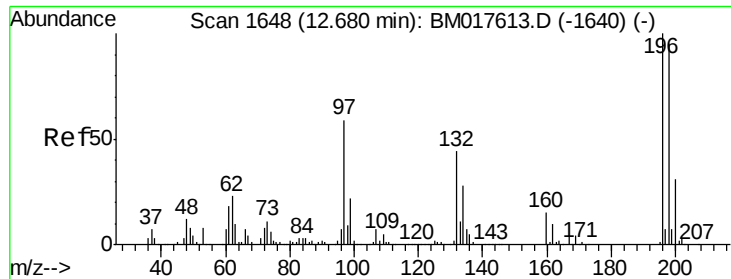
Acq: 01 Dec 2018 12:55

Tgt Ion:	330	Resp:	960613
Ion Ratio		Lower	Upper
330	100		
332	96.2	77.9	116.9
141	35.1	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





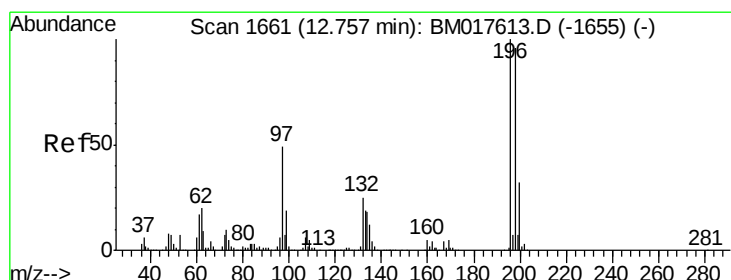
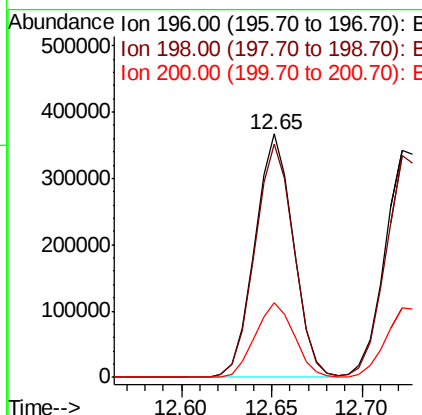
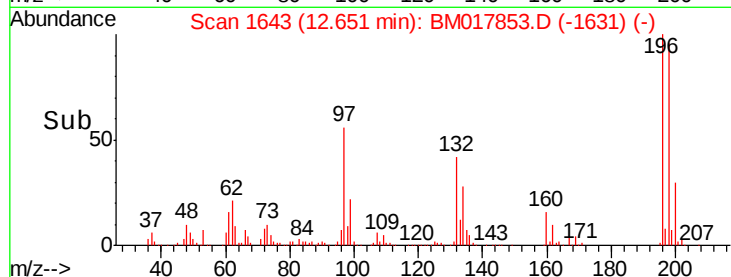
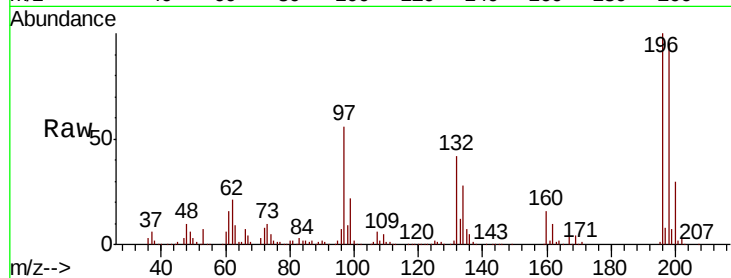
#43
 2,4,6-Trichlorophenol
 Concen: 47.532 ng
 RT: 12.65 min Scan# 1643
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Instrument :
 BNA_M
 ClientSampled :
 PB115195BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	541614		
198	95.9	75.6	113.4	
200	30.5	24.8	37.2	

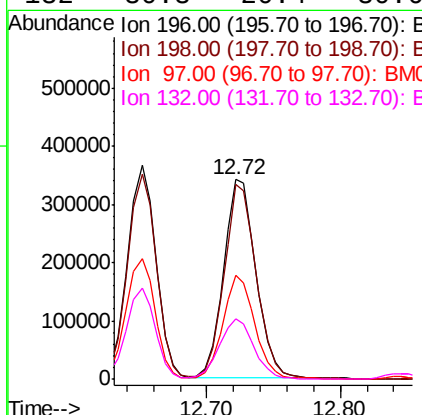
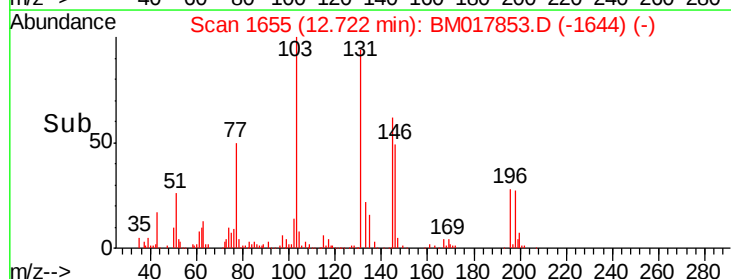
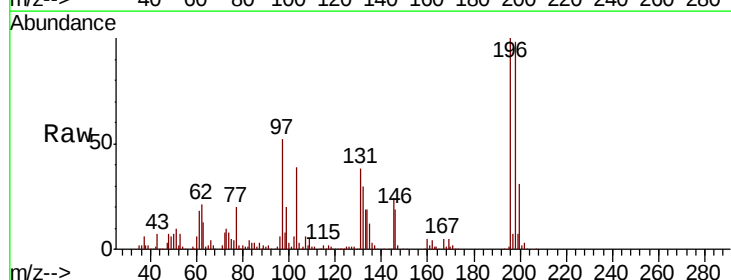
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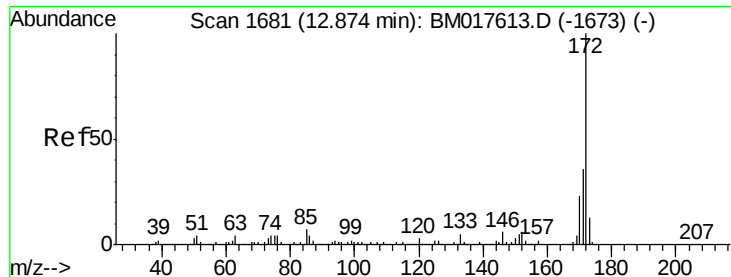
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.143 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	579223		
198	97.8	76.8	115.2	
97	52.0	39.0	58.6	
132	30.3	20.4	30.6	





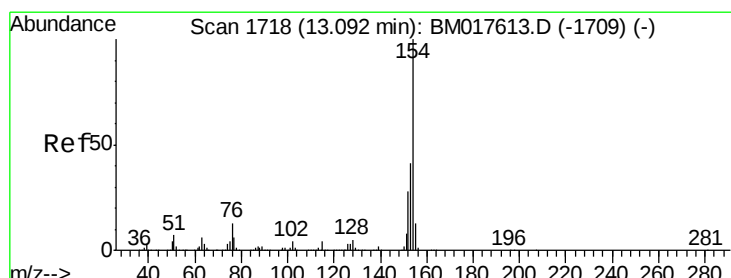
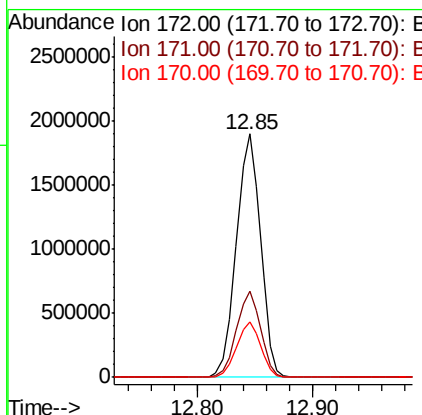
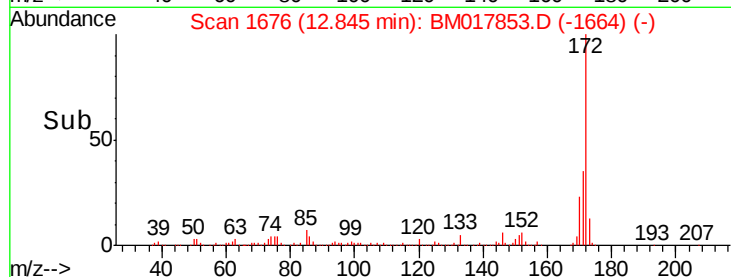
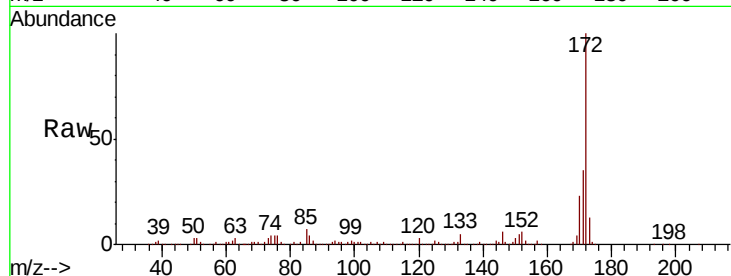
#45
2-Fluorobiphenyl
Concen: 69.217 ng
RT: 12.85 min Scan# 1676
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	22.7	18.3	27.5

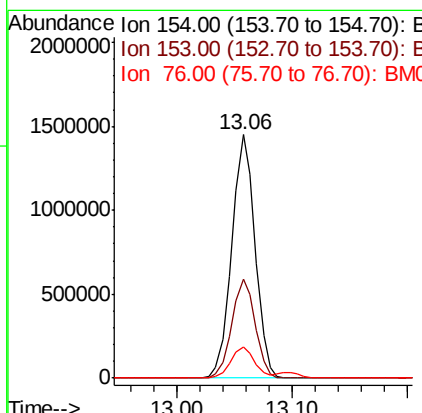
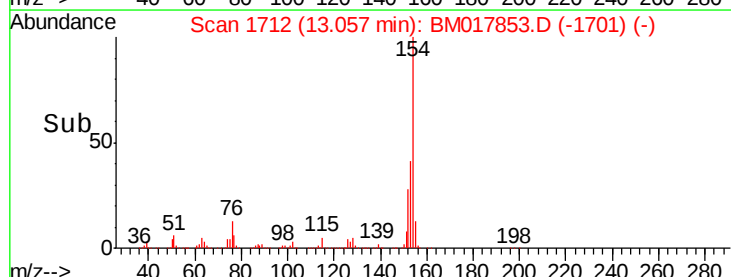
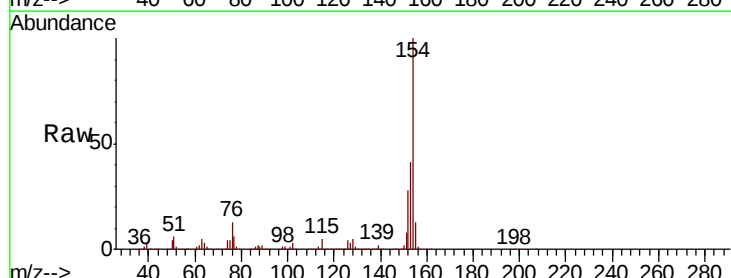
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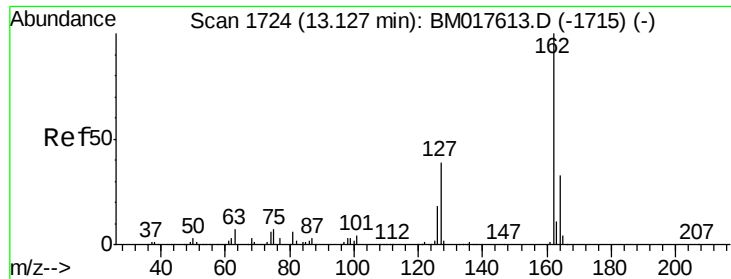
mohammad
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#46
1,1'-Biphenyl
Concen: 43.602 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	13.0	0.0	32.8





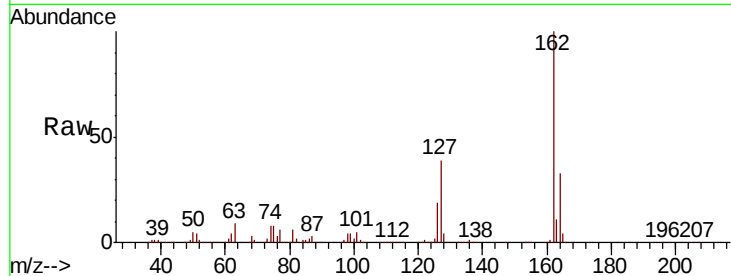
#47
2-Chloronaphthalene
Concen: 45.565 ng
RT: 13.10 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

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

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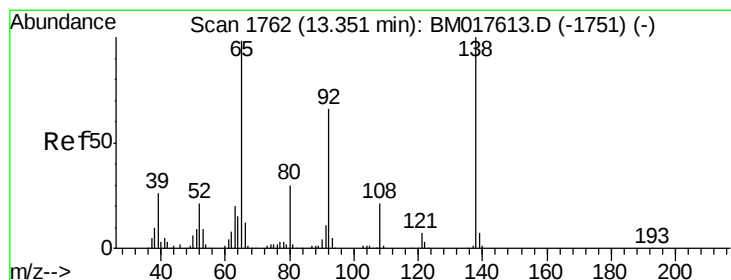
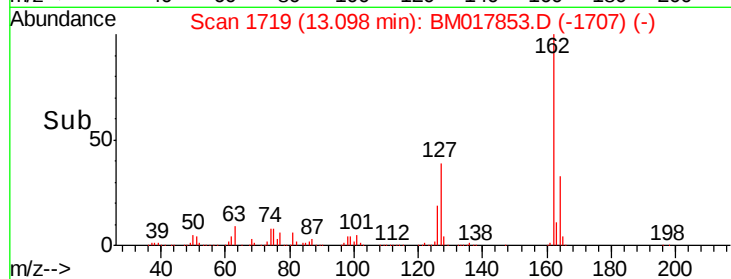
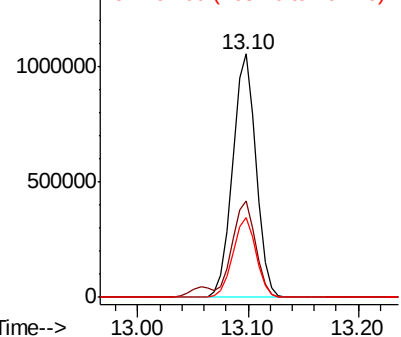


Abundance

Ion 162.00 (161.70 to 162.70): E

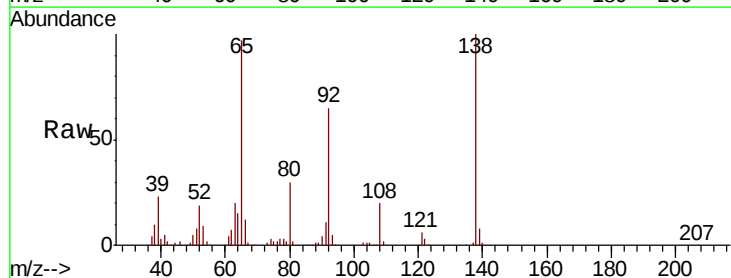
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.269 ng
RT: 13.32 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.7	80.5
138	103.6	81.5	122.3

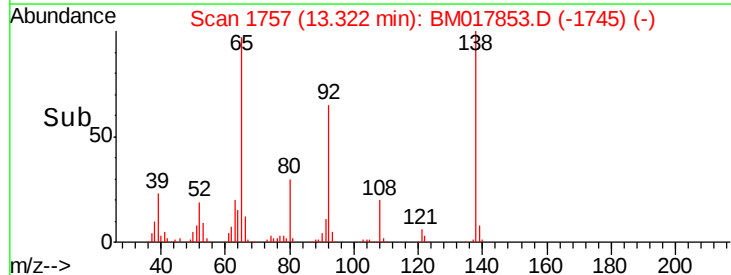
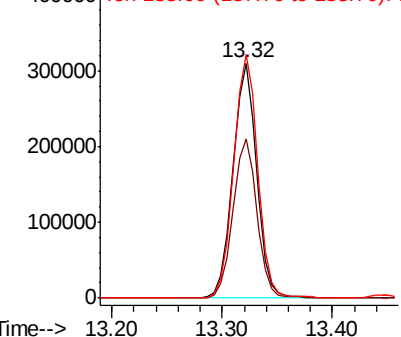


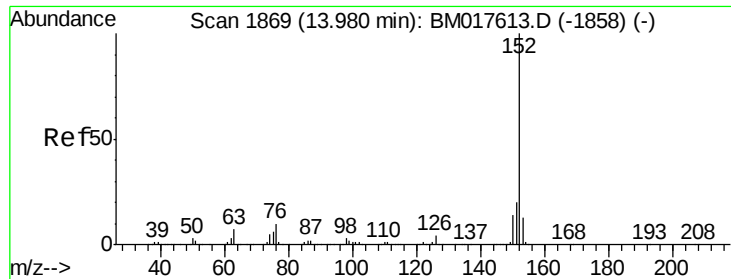
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.202 ng

RT: 13.95 min Scan# 1864

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

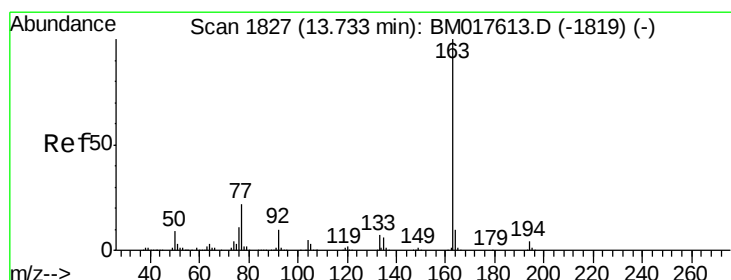
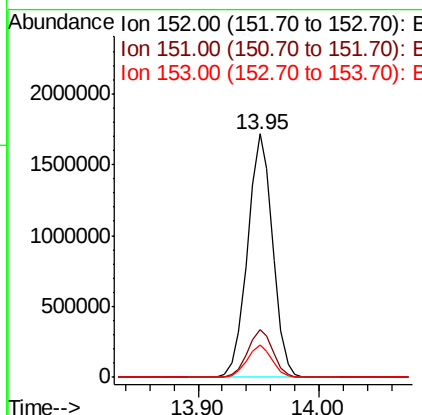
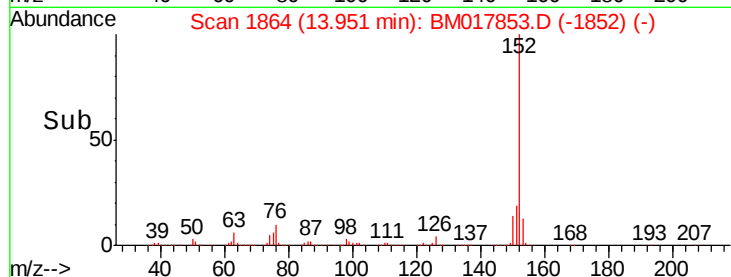
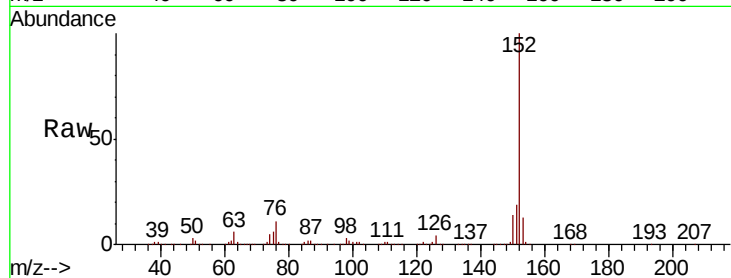
ClientSampleId :

PB115195BS

Tot Ion:	152	Resp:	2489192
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.2	10.5	15.7

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#50

Dimethylphthalate

Concen: 45.380 ng

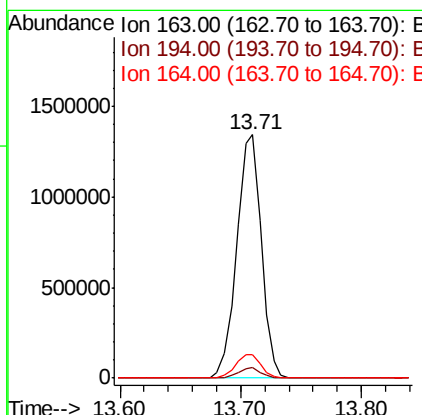
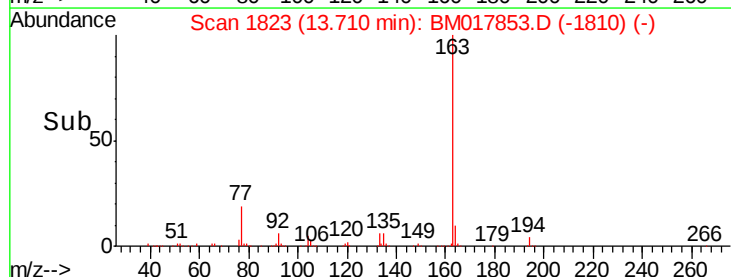
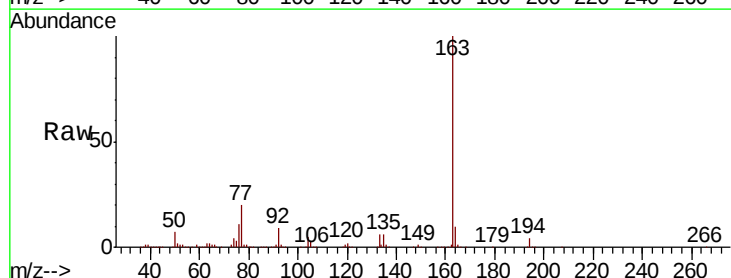
RT: 13.71 min Scan# 1823

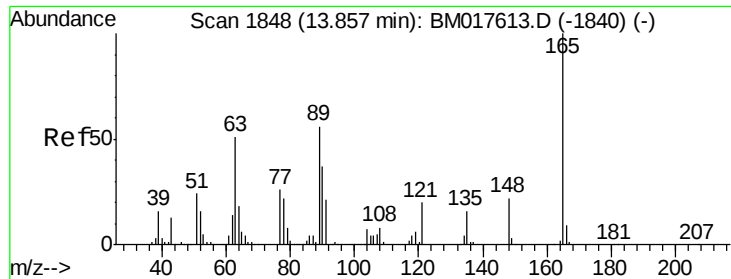
Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tgt Ion:	163	Resp:	1903392
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.7	8.2	12.4





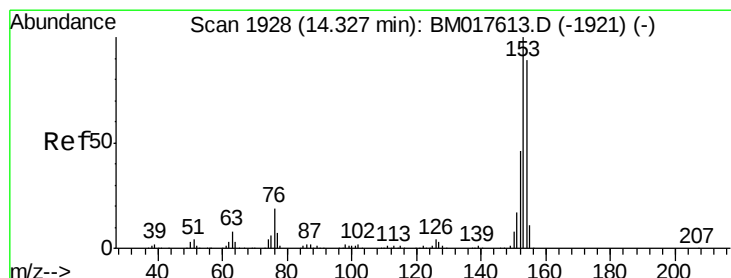
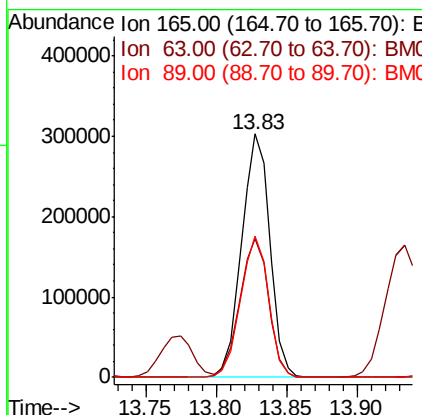
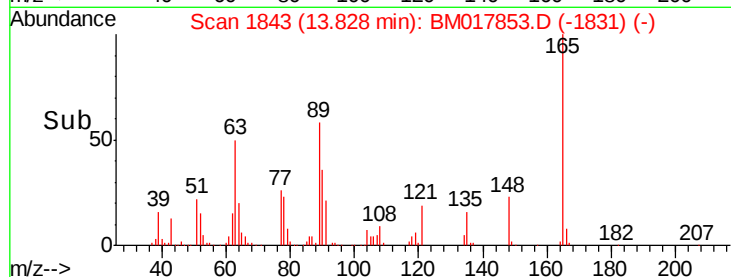
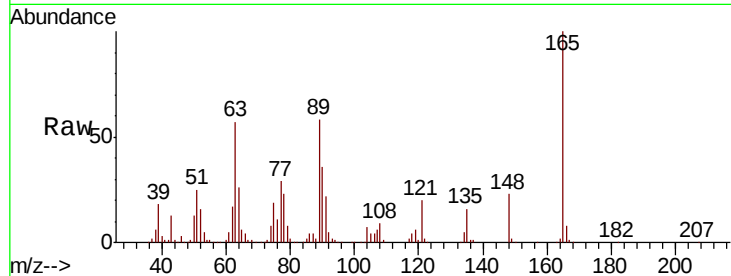
#51
 2,6-Dinitrotoluene
 Concen: 45.328 ng
 RT: 13.83 min Scan# 1843
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	423355		
63	56.8		47.3	70.9
89	57.8		44.8	67.2

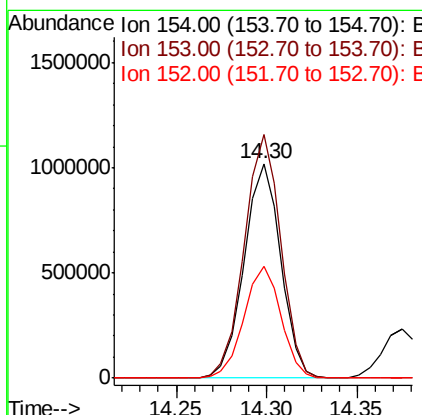
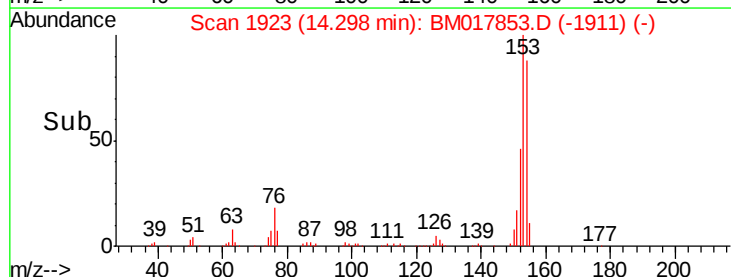
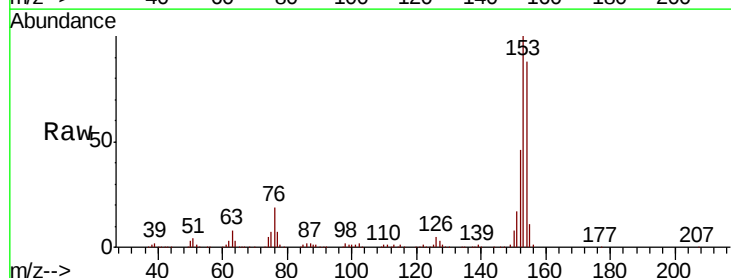
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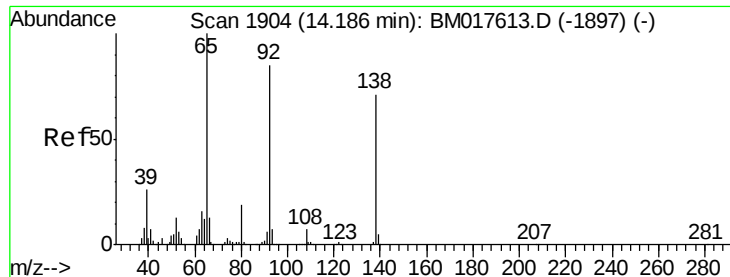
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#52
 Acenaphthene
 Concen: 45.258 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1434309		
153	113.6		90.2	135.4
152	52.0		41.6	62.4





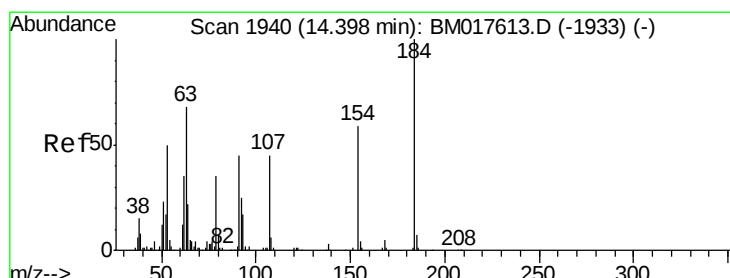
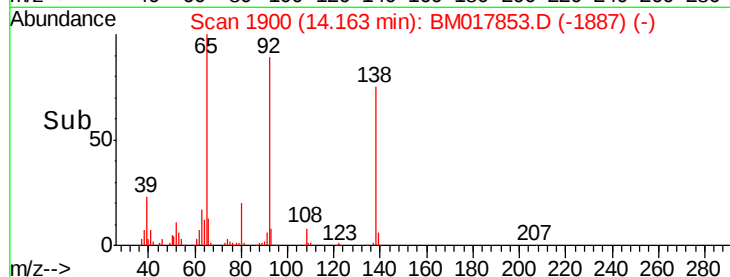
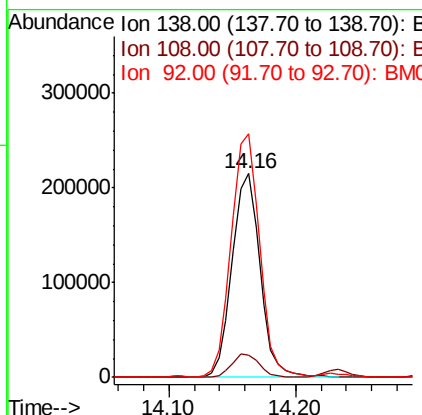
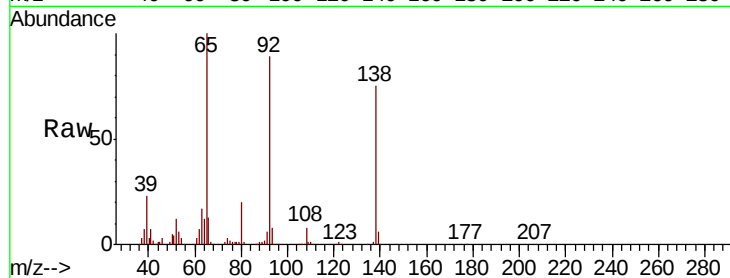
#53
3-Nitroaniline
Concen: 32.362 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.2	12.2
92	119.7	95.4	143.2

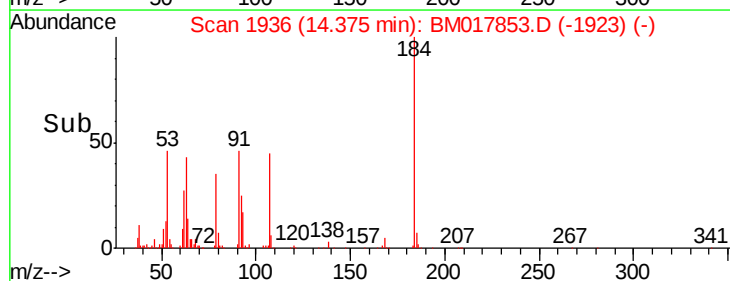
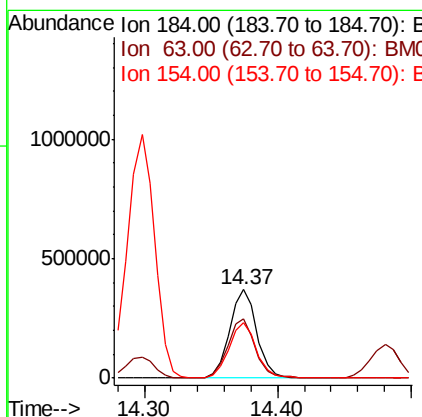
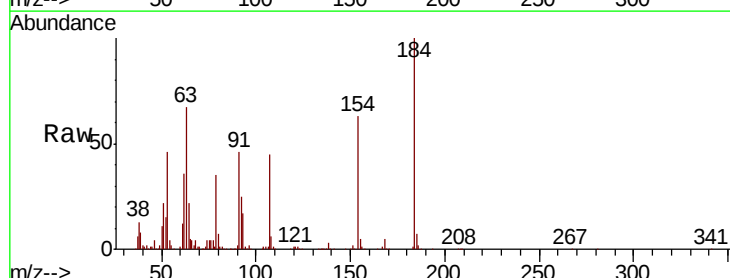
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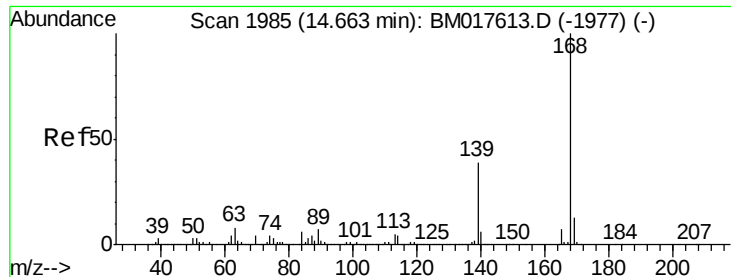
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#54
2,4-Dinitrophenol
Concen: 91.670 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.8	55.1	82.7
154	63.0	51.3	76.9





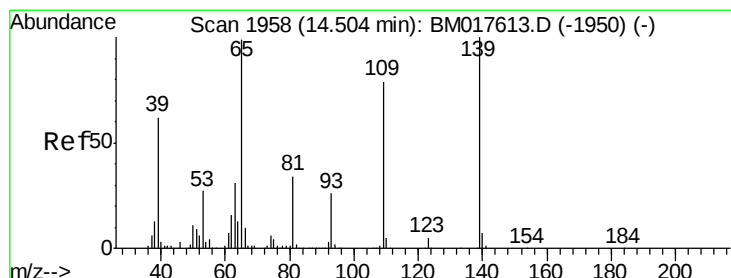
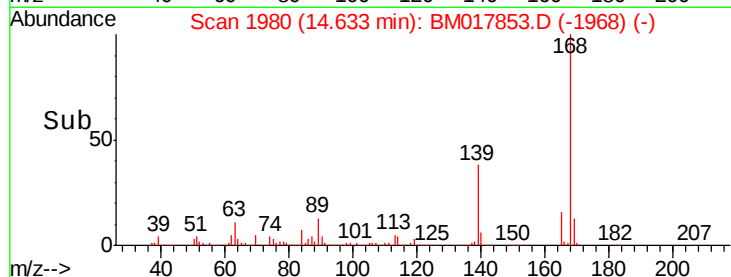
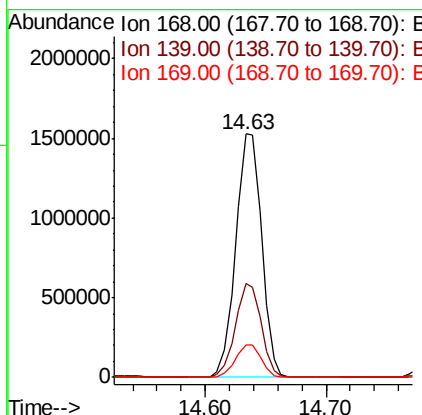
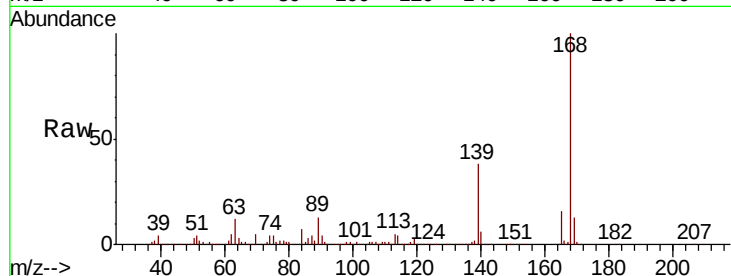
#55
Dibenzofuran
Concen: 44.169 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.0	46.6
169	13.2	10.6	16.0

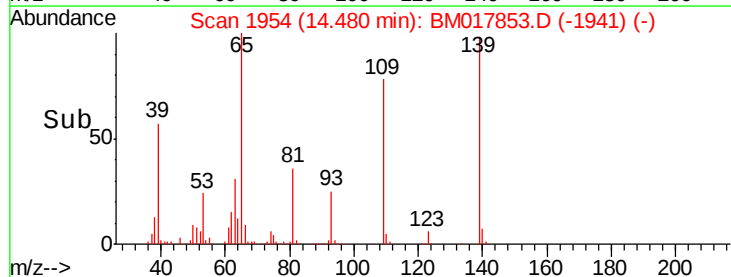
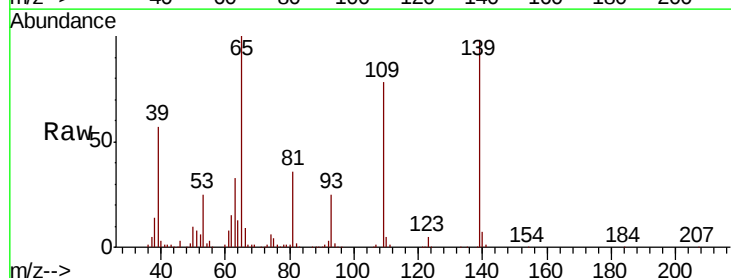
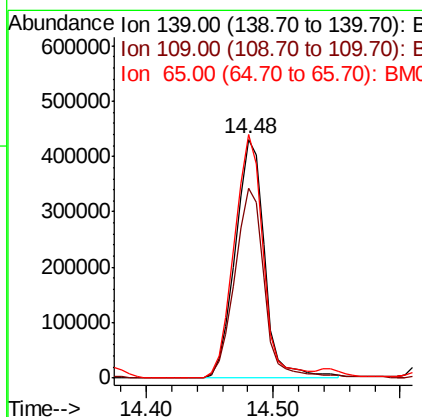
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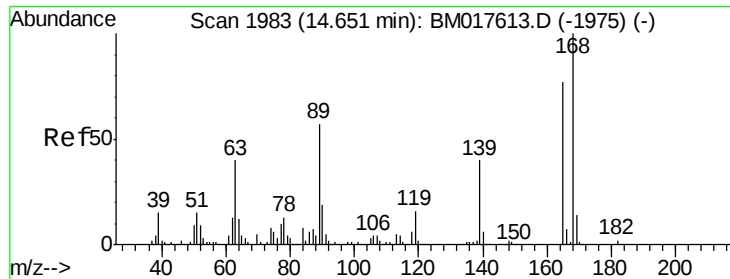
mohammad
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#56
4-Nitrophenol
Concen: 80.181 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.7	58.6	98.6
65	101.9	79.5	119.5





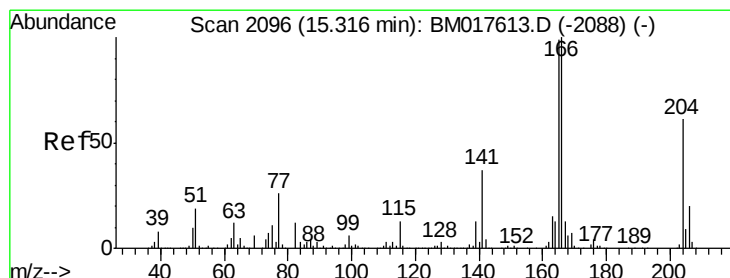
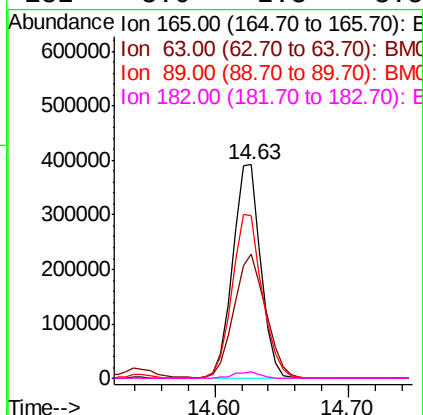
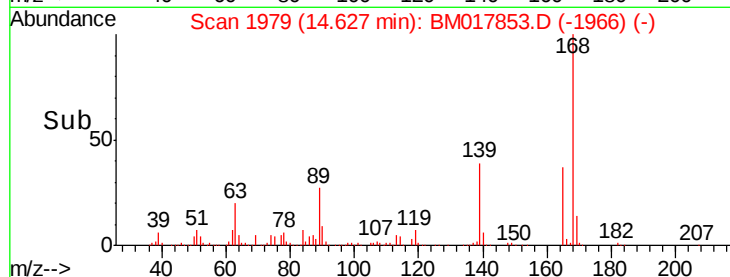
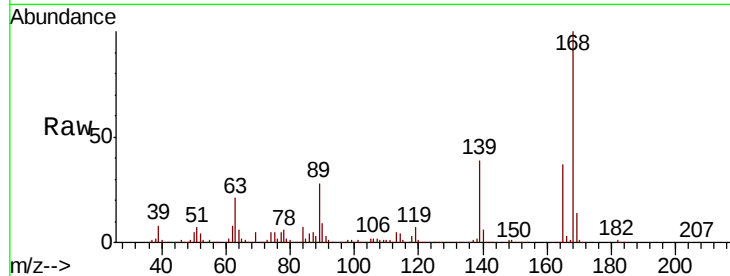
#57
2,4-Dinitrotoluene
Concen: 45.511 ng
RT: 14.63 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	572980		
63	58.1		41.8	62.8
89	75.9		59.5	89.3
182	3.0		2.3	3.5

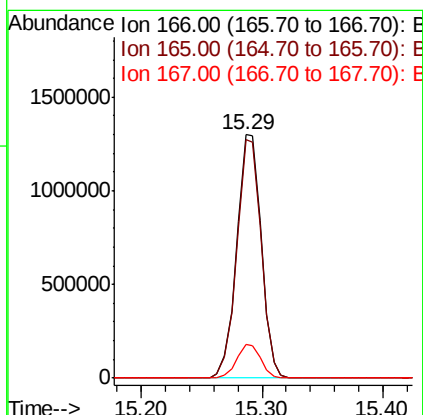
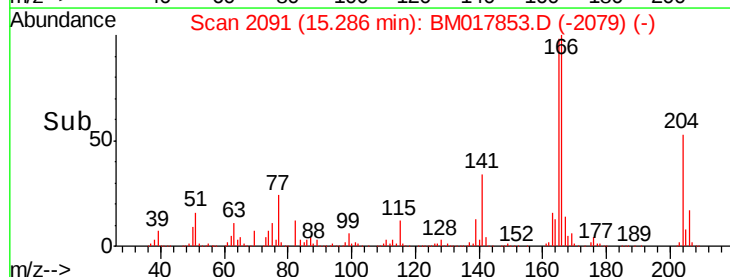
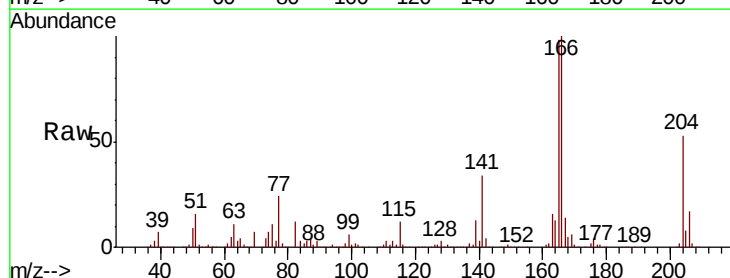
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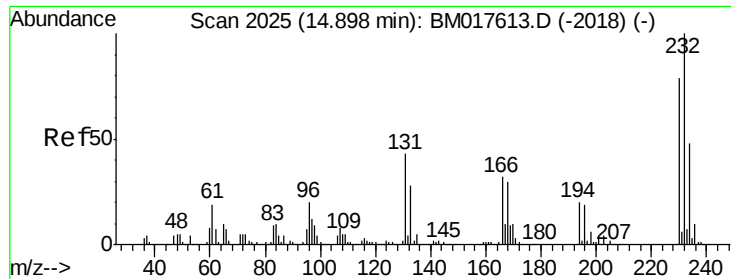
mohammad
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#58
Fluorene
Concen: 46.490 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1843301		
165	98.1		79.0	118.6
167	13.9		10.8	16.2





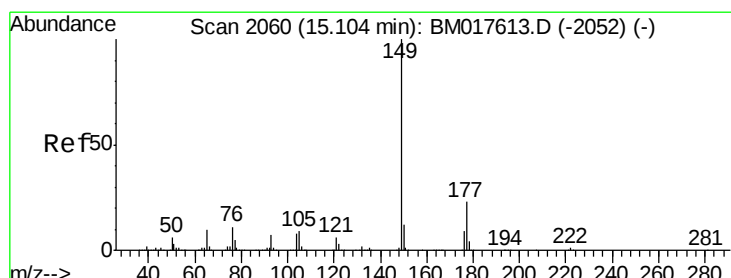
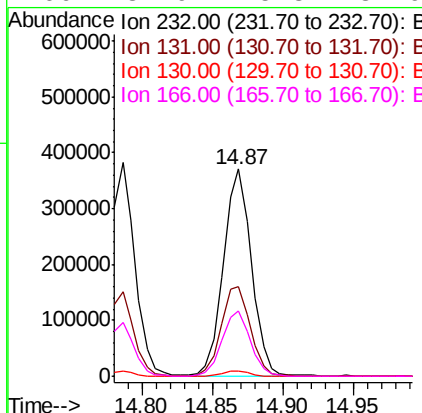
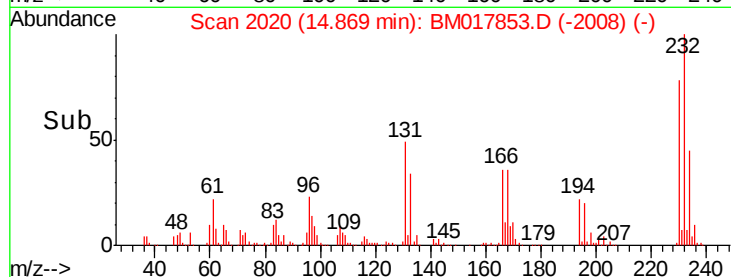
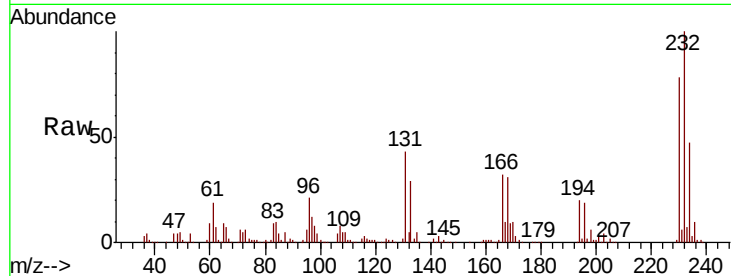
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.994 ng
 RT: 14.87 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.8		34.8	52.2
130	2.5		1.9	2.9
166	31.9		25.3	37.9

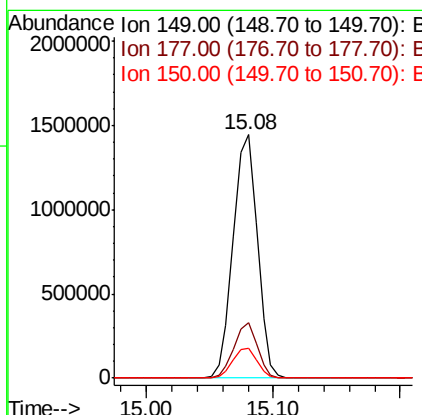
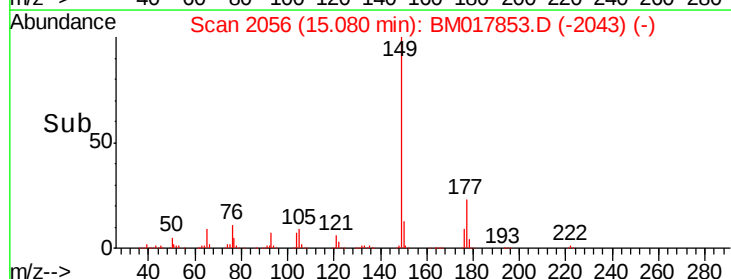
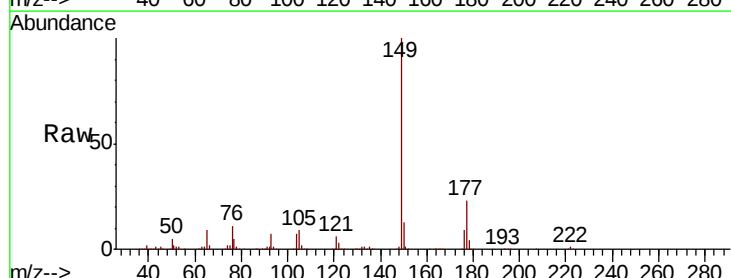
Manual Integrations
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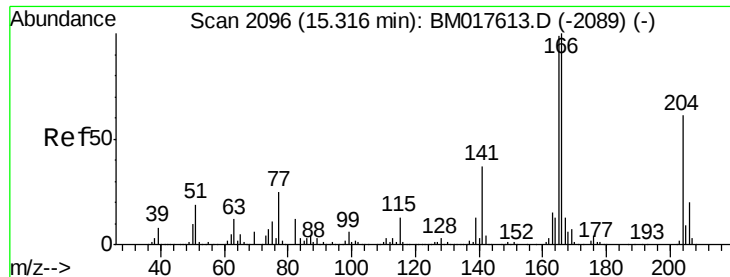
mohammad
 12/3/2018 4:58:27 PM



#60
 Diethylphthalate
 Concen: 42.051 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.8		18.1	27.1
150	12.5		9.9	14.9





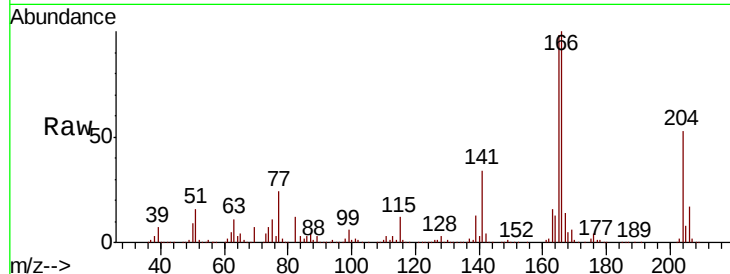
#61
4-Chlorophenyl-phenylether
Concen: 41.897 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.9	38.9
141	64.0	47.9	71.9

Manual Integrations
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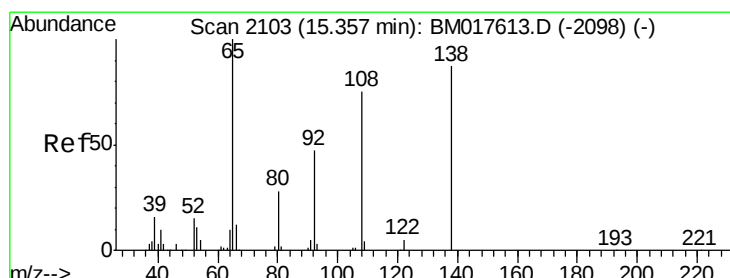
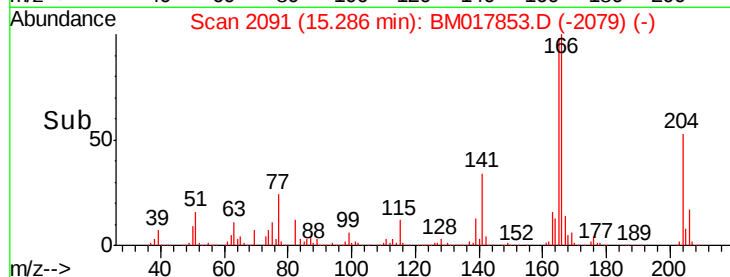
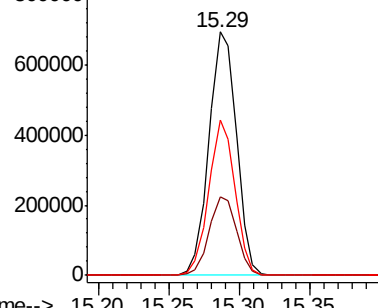


Abundance

Ion 204.00 (203.70 to 204.70): E

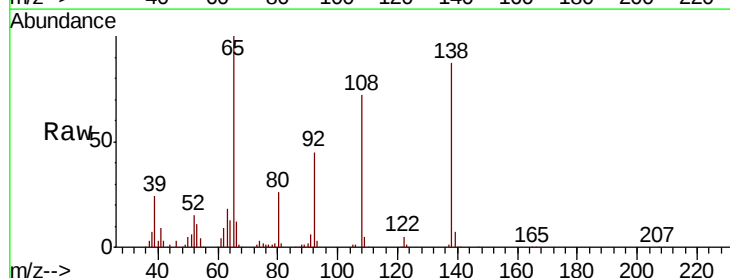
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.358 ng
RT: 15.33 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	33.4	73.4
108	83.6	64.3	104.3

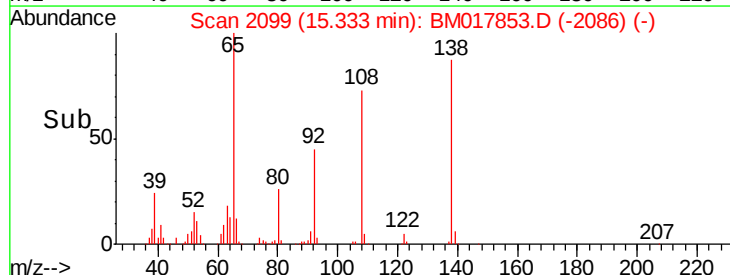
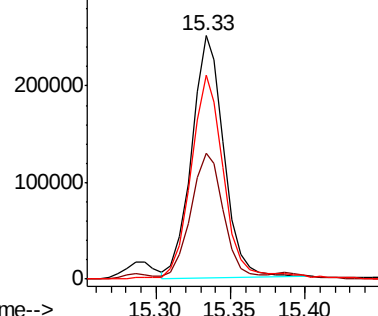


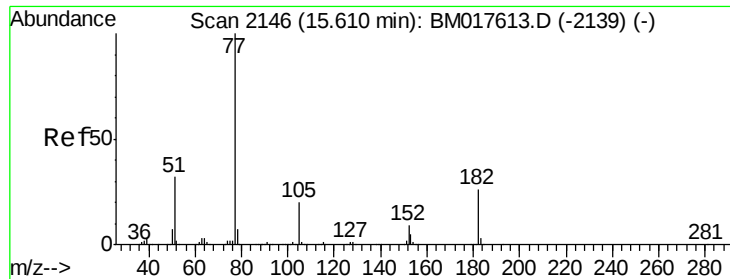
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





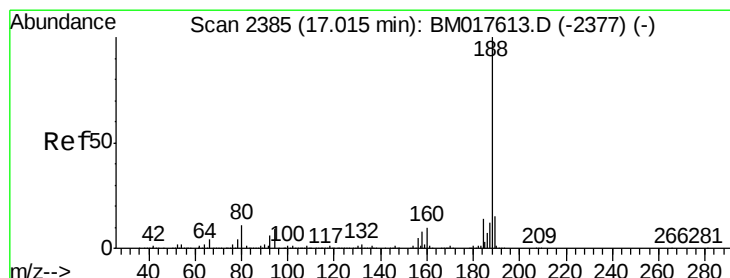
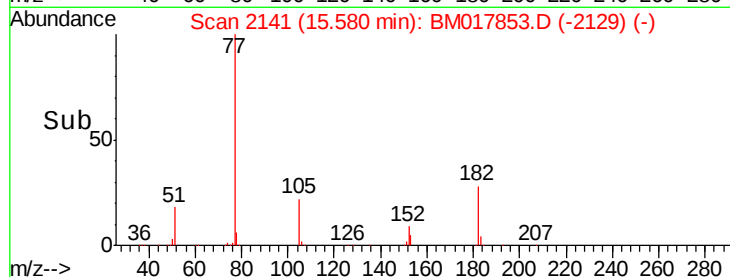
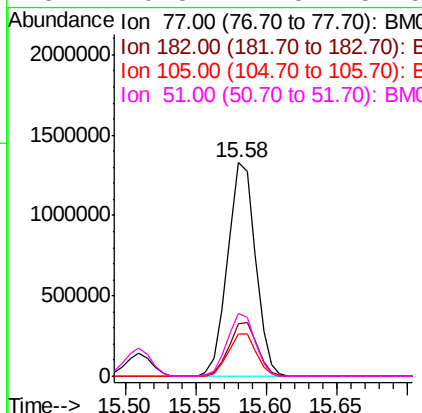
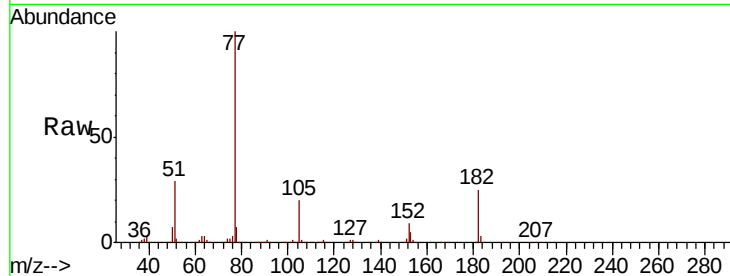
#63
Azobenzene
Concen: 43.593 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.7	5.8	45.8	
105	19.5	0.0	40.0	
51	29.3	12.5	52.5	

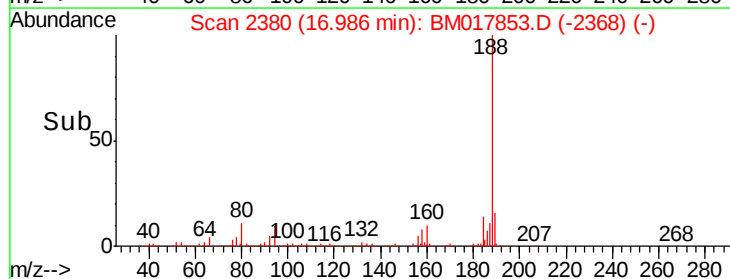
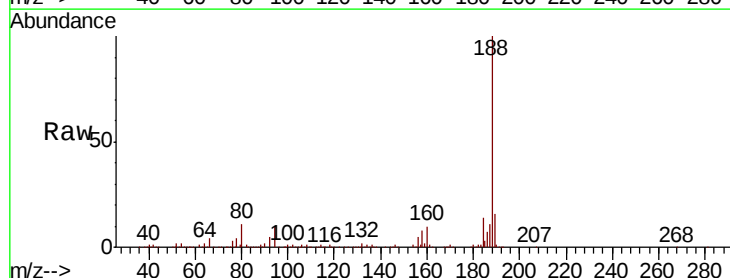
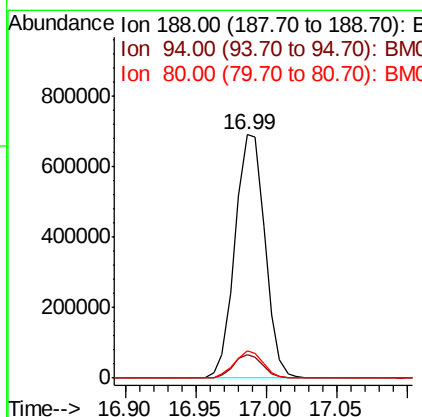
Manual Integrations
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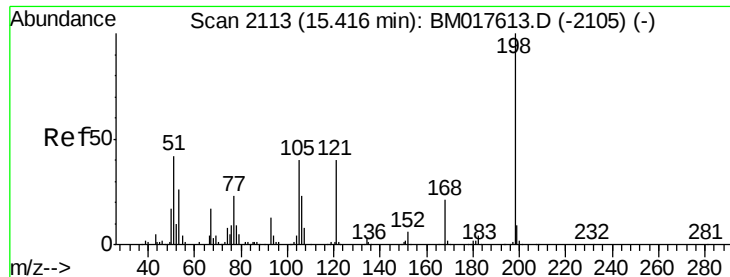
mohammad
12/3/2018 4:58:27 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.9	7.5	11.3	
80	11.2	8.6	13.0	





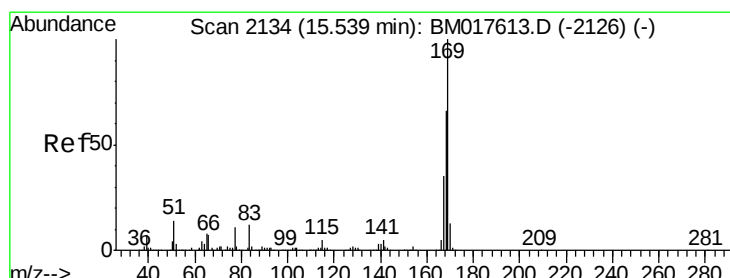
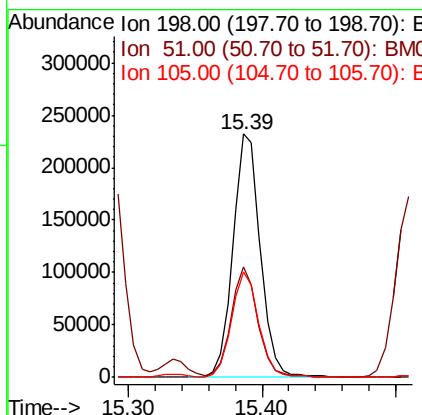
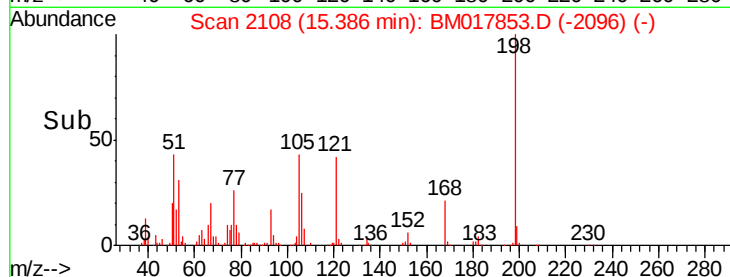
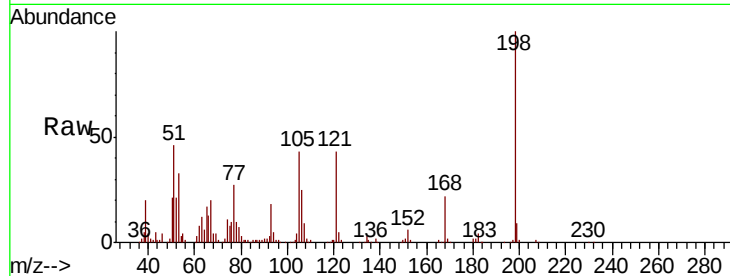
#65
4,6-Dinitro-2-methylphenol
Concen: 46.461 ng
RT: 15.39 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	45.6	25.9	65.9	
105	43.3	20.6	60.6	

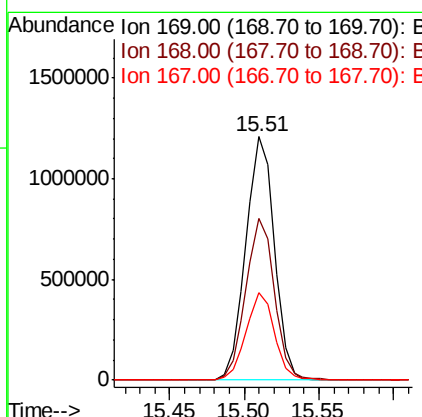
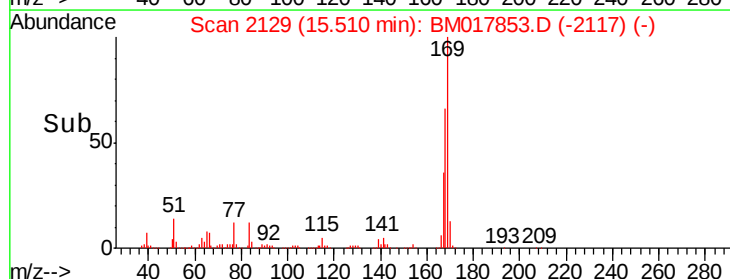
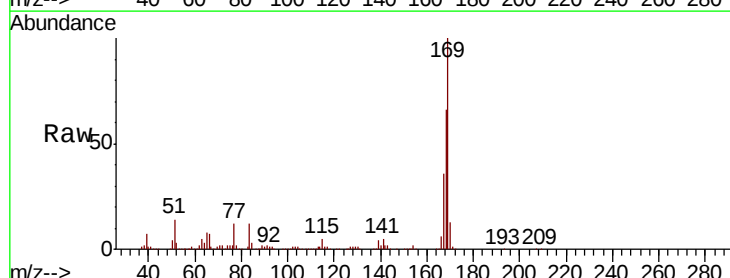
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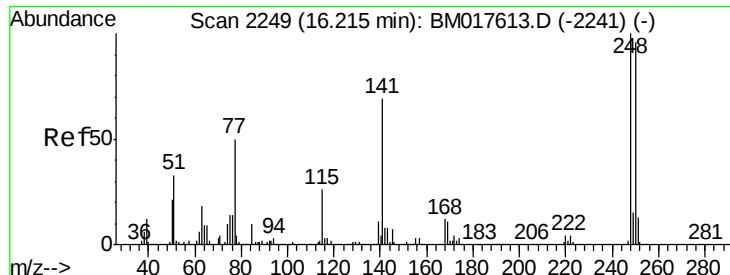
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#66
n-Nitrosodiphenylamine
Concen: 48.308 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.3	53.0	79.6	
167	35.8	28.0	42.0	





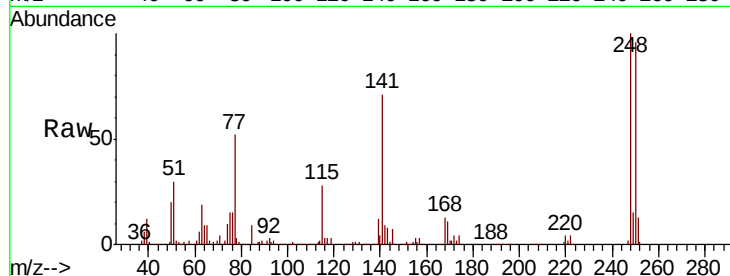
#67
4-Bromophenyl-phenylether
Concen: 46.535 ng
RT: 16.19 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.5	114.7
141	70.6	54.9	82.3

Manual Integrations
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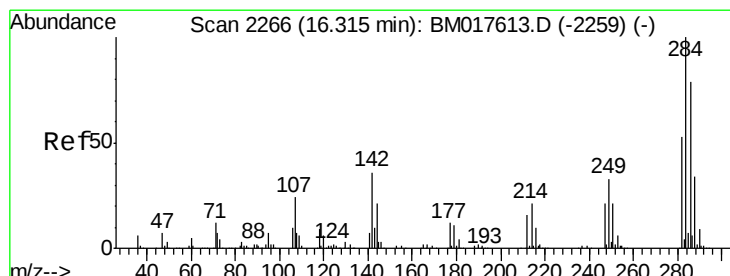
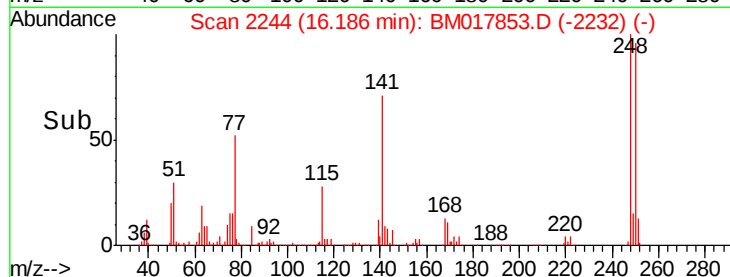
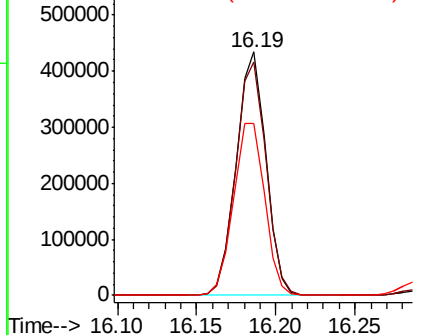


Abundance

Ion 248.00 (247.70 to 248.70): E

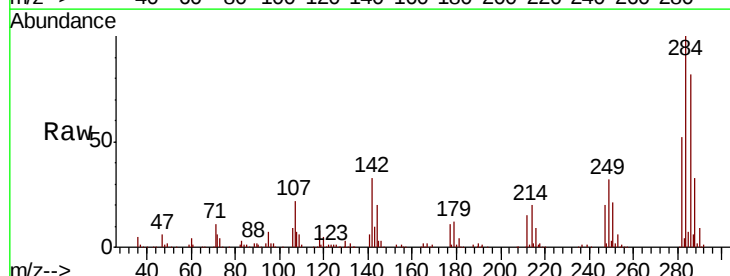
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.216 ng
RT: 16.29 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	28.4	42.6
249	31.6	26.4	39.6

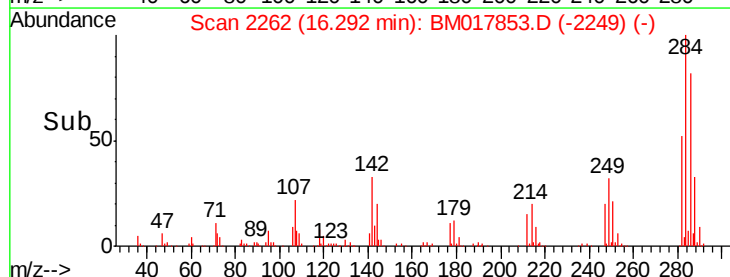
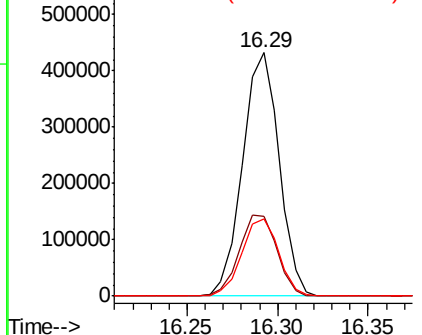


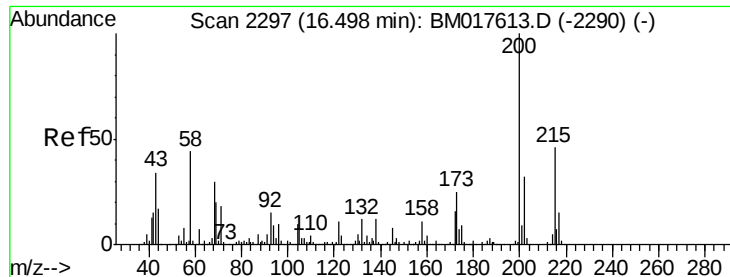
Abundance

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





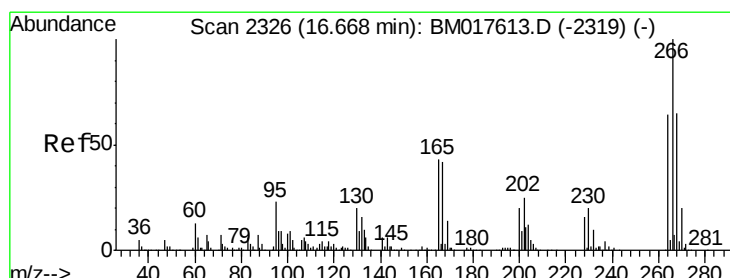
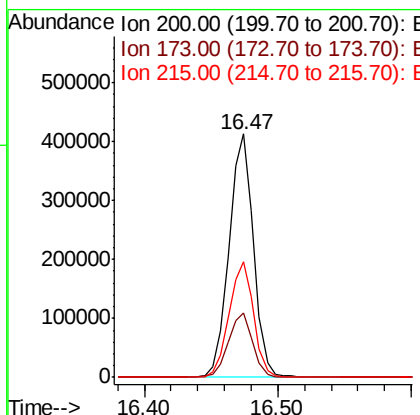
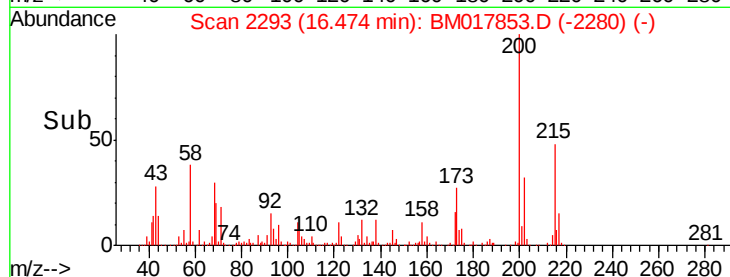
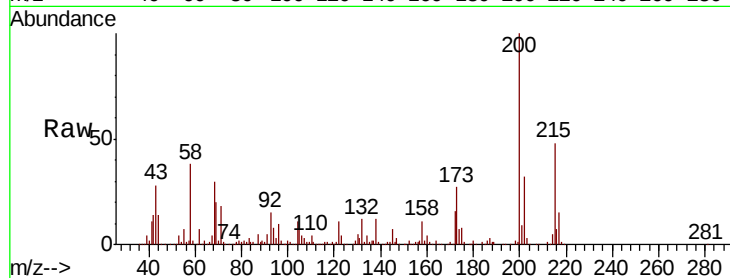
#69
Atrazine
Concen: 43.721 ng
RT: 16.47 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	530943		
173	26.5	5.1	45.1	
215	47.7	25.8	65.8	

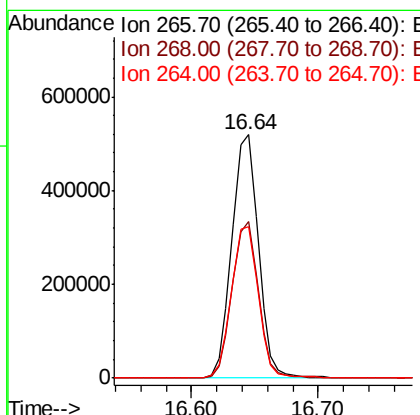
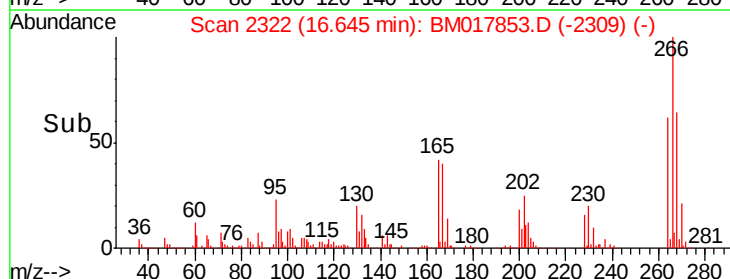
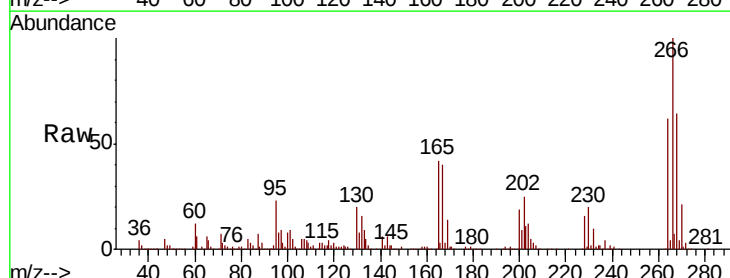
Manual Integrations
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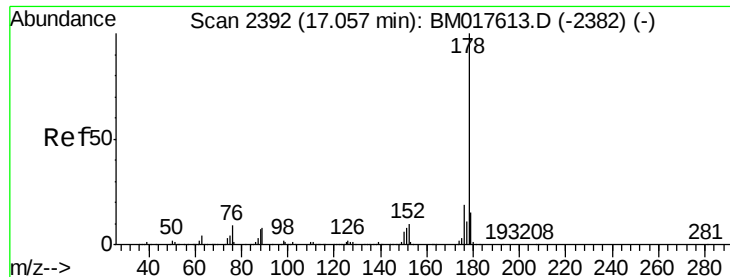
mohammad
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#70
Pentachlorophenol
Concen: 78.658 ng
RT: 16.64 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	754621		
268	64.1	51.7	77.5	
264	62.4	51.3	76.9	





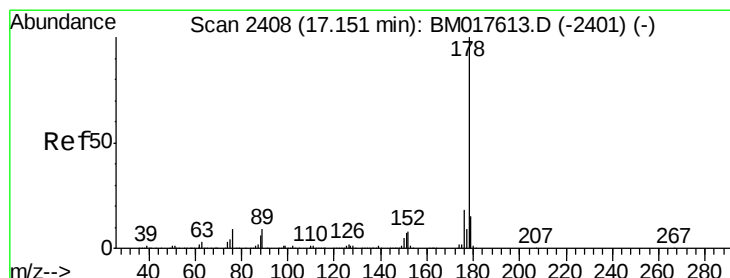
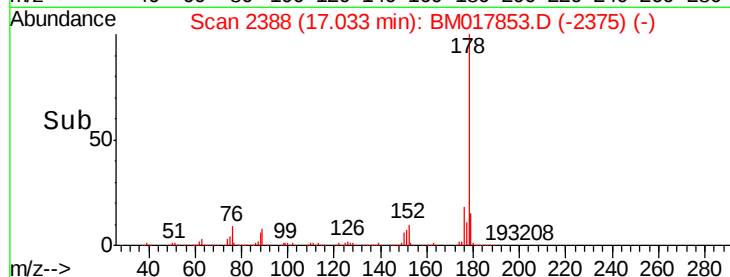
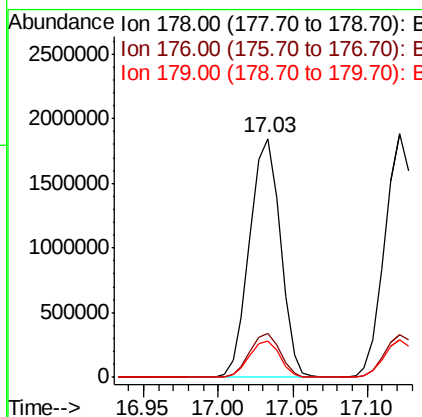
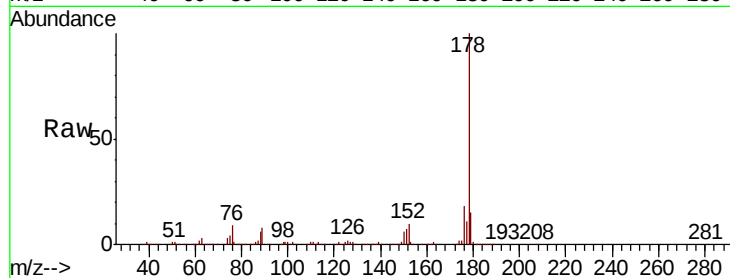
#71
Phenanthrene
Concen: 47.340 ng
RT: 17.03 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.2	12.4	18.6

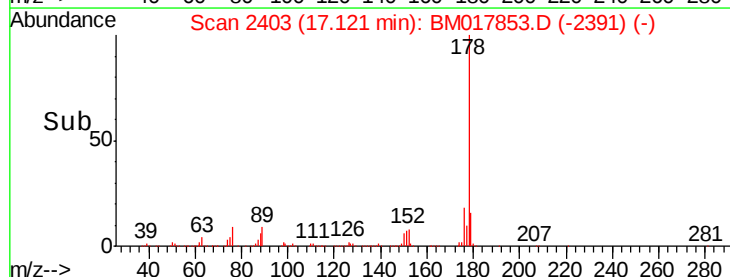
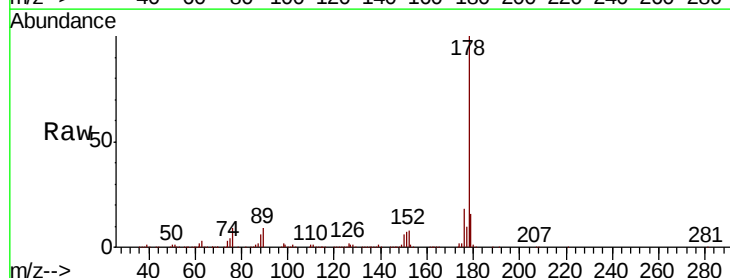
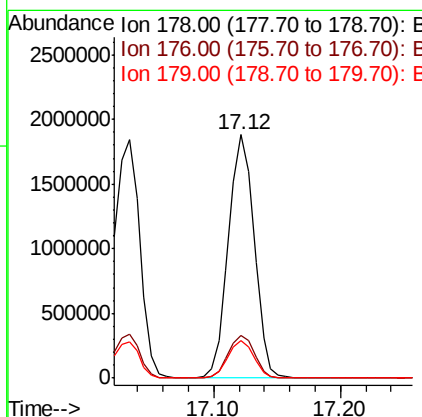
Manual Integrations
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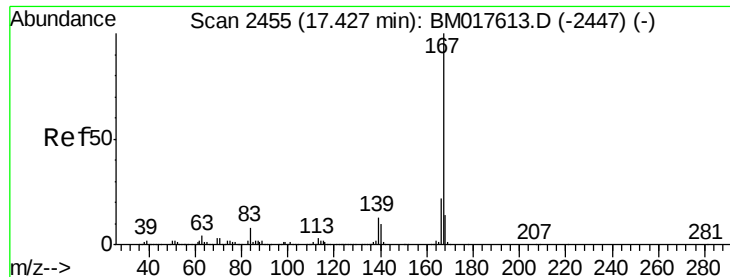
mohammad
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#72
Anthracene
Concen: 48.899 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.5	21.7
179	15.6	12.3	18.5





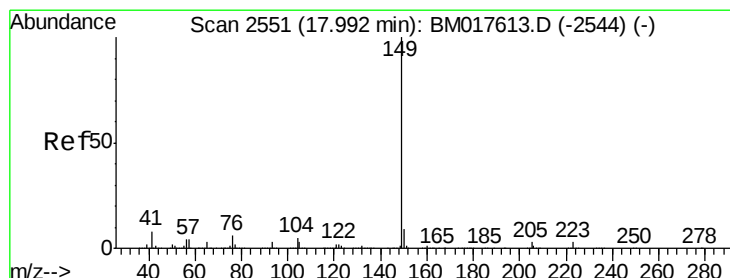
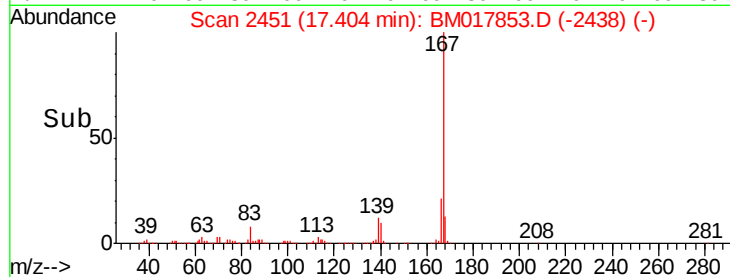
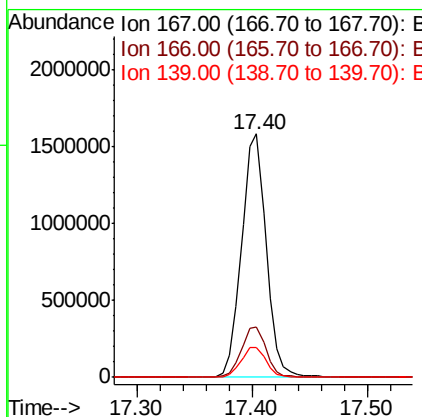
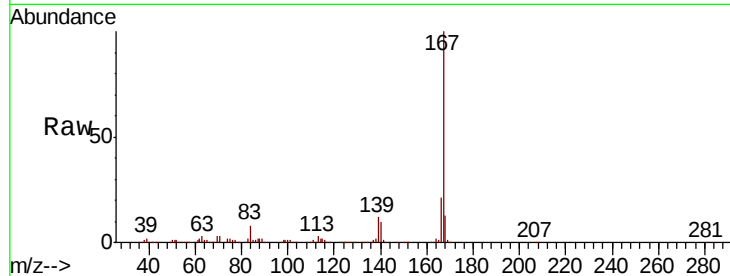
#73
 Carbazole
 Concen: 42.804 ng
 RT: 17.40 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.2	25.8
139	12.4	10.2	15.4

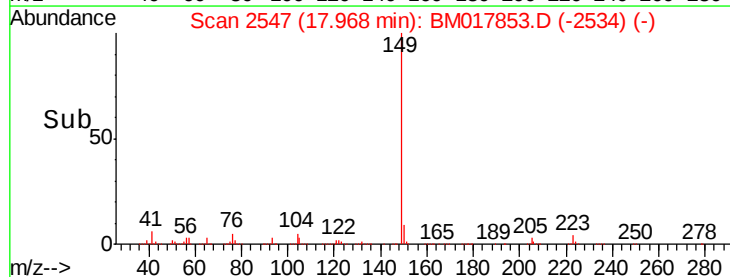
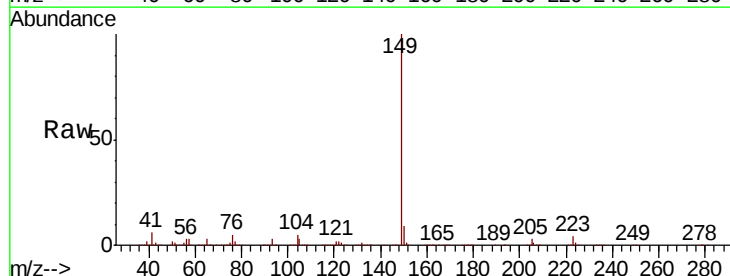
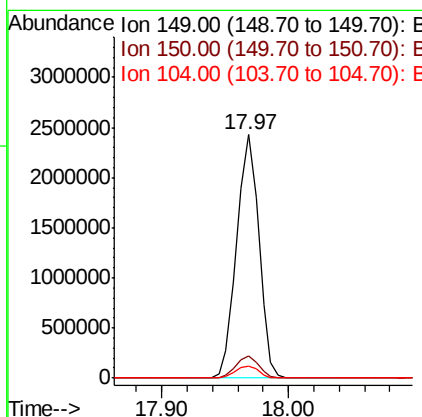
Manual Integrations
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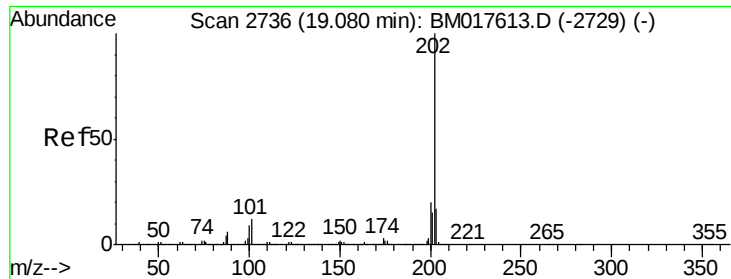
mohammad
 12/3/2018 4:58:27 PM



#74
 Di-n-butylphthalate
 Concen: 48.291 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 42.128 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

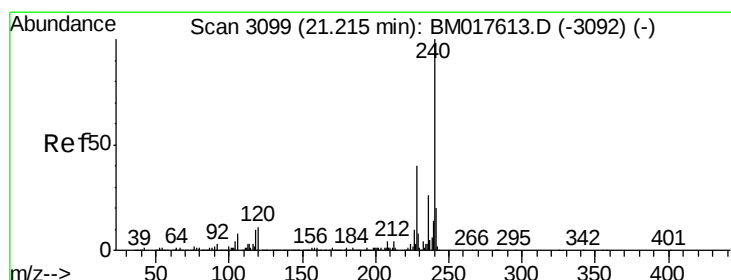
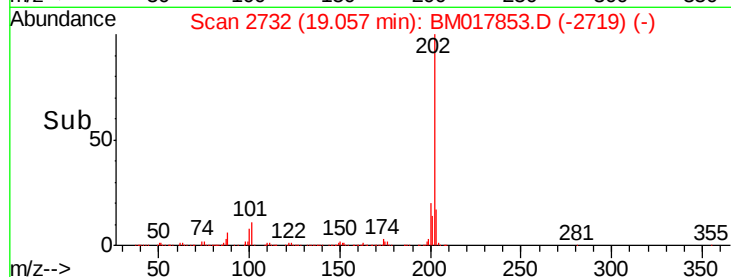
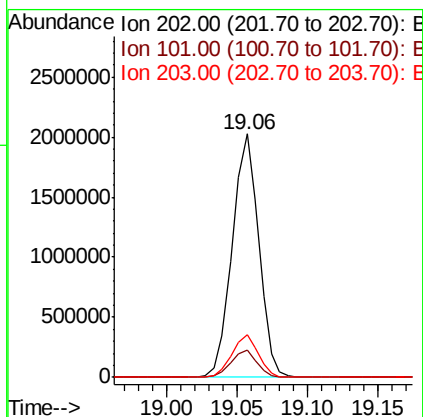
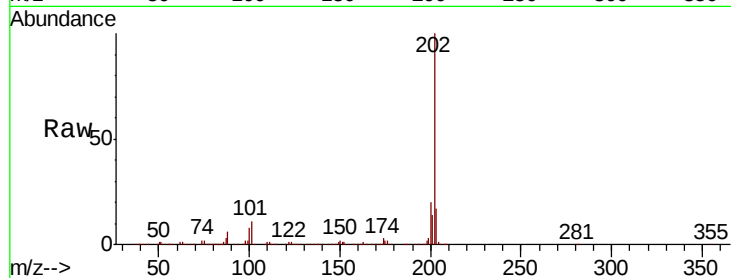
ClientSampleId :

PB115195BS

Tot Ion:	202	Resp:	2656211
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.5
203	17.5	0.0	37.2

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

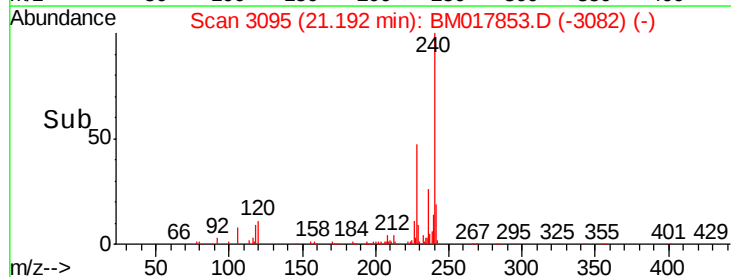
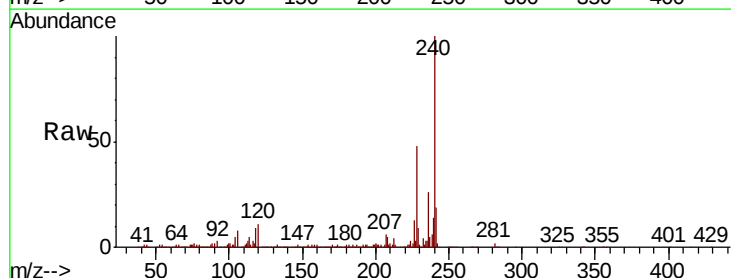
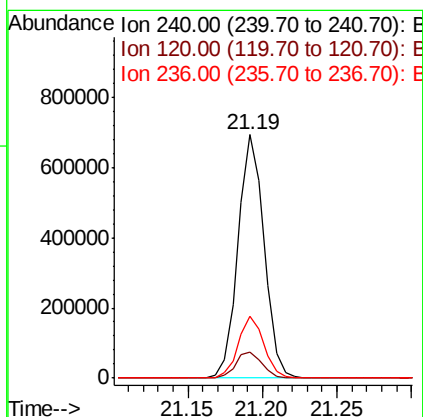
RT: 21.19 min Scan# 3095

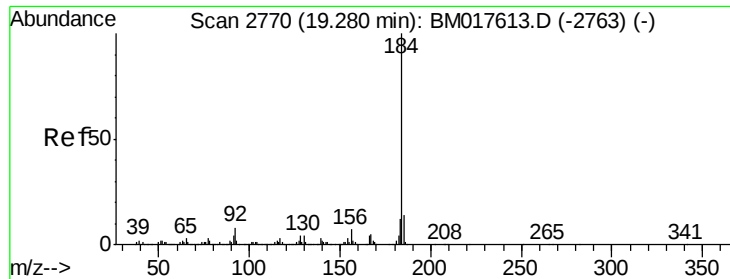
Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tgt Ion:	240	Resp:	842660
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.5	12.7
236	25.6	20.4	30.6





#77

Benzidine

Concen: 36.730 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

Tot Ion:184 Resp: 1007883

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

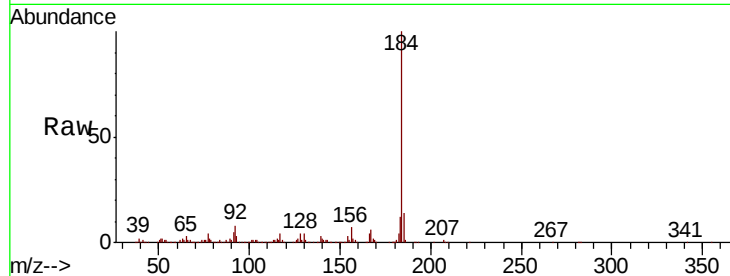
183 11.8 9.5 14.3

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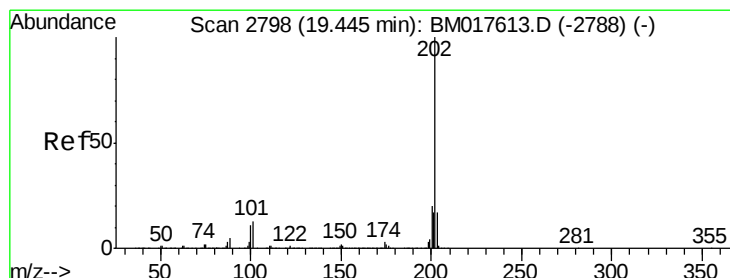
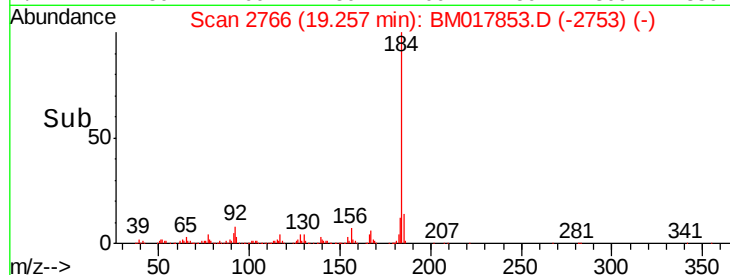
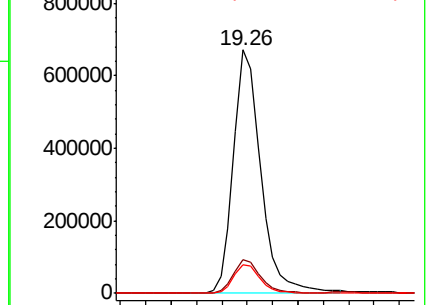
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.399 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

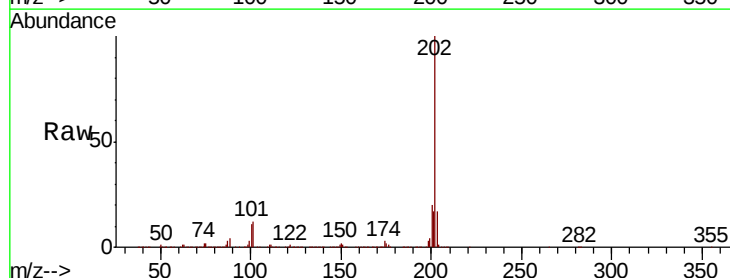
Tgt Ion:202 Resp: 2672378

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

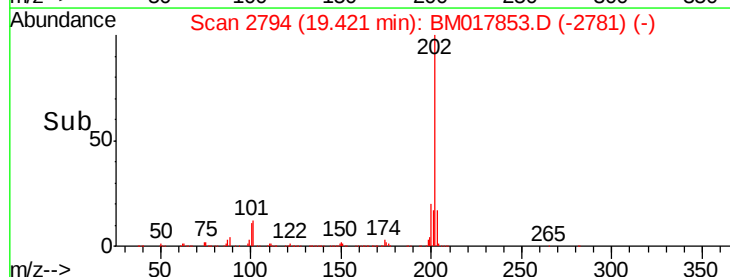
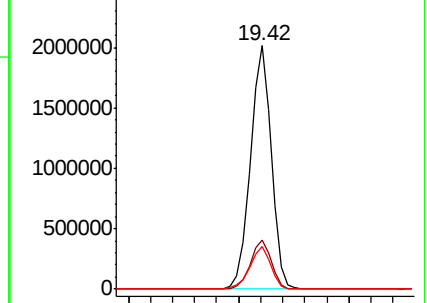
203 17.5 13.8 20.8

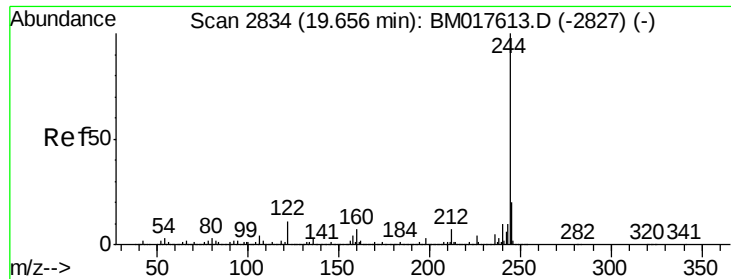


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





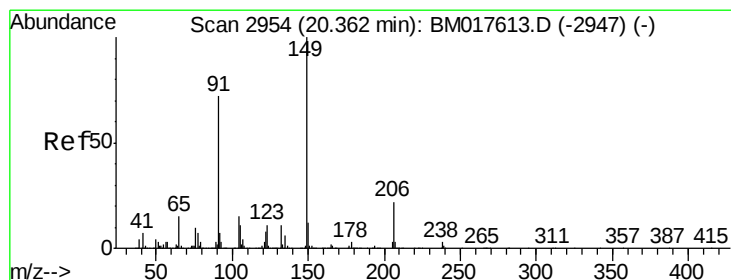
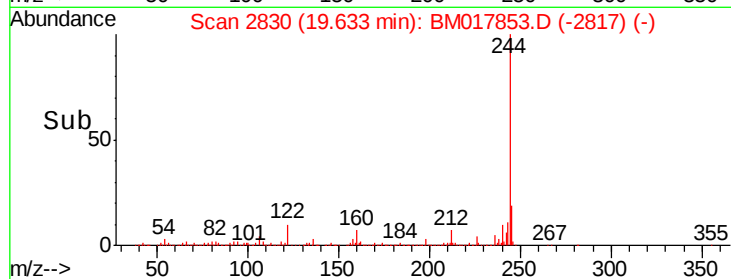
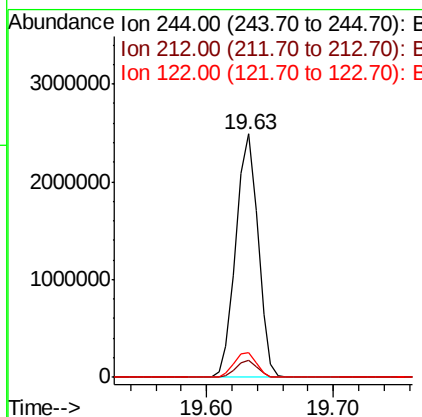
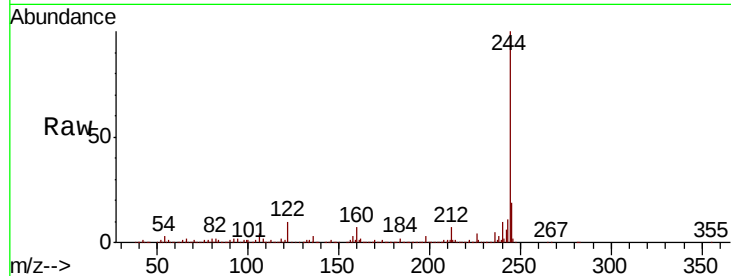
#79
 Terphenyl-d14
 Concen: 81.027 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	9.9	9.0	13.6

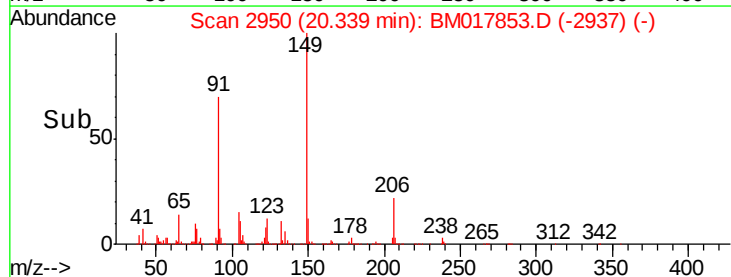
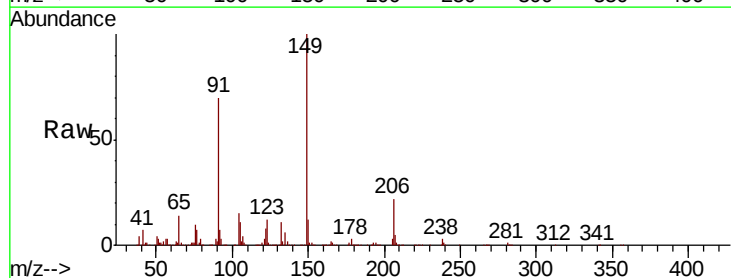
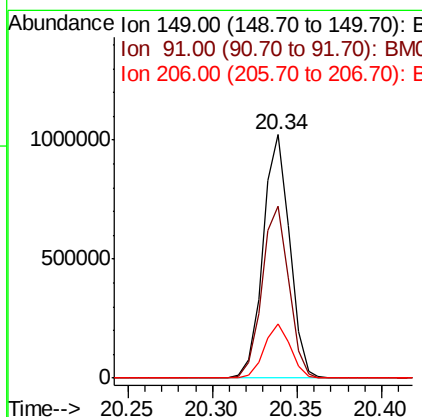
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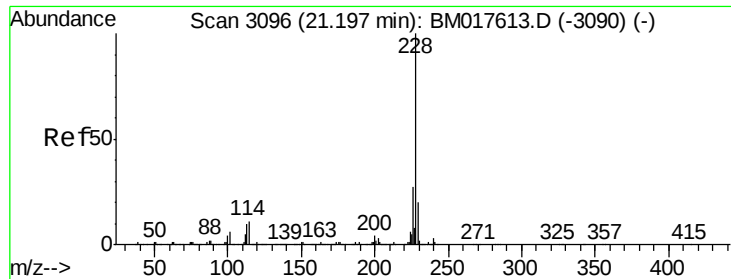
mohammad
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#80
 Butylbenzylphthalate
 Concen: 52.735 ng
 RT: 20.34 min Scan# 2950
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.6	86.4
206	22.1	17.4	26.0





#81

Benzo(a)anthracene

Concen: 47.552 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

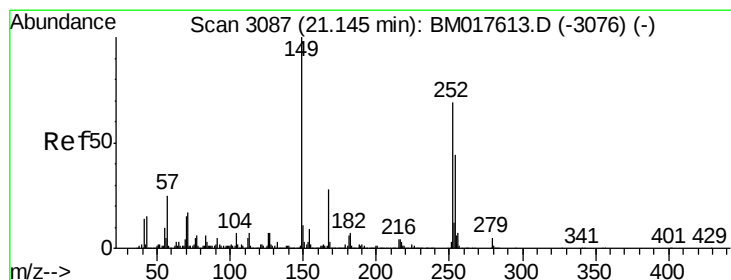
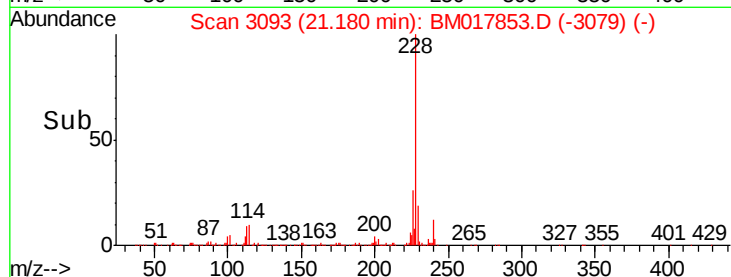
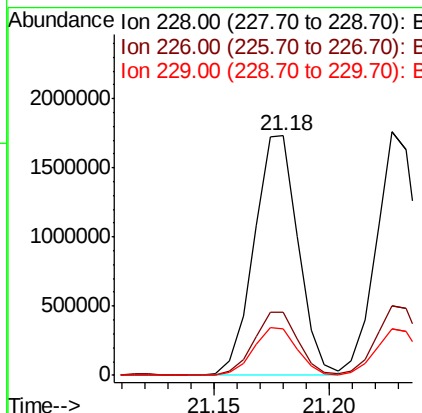
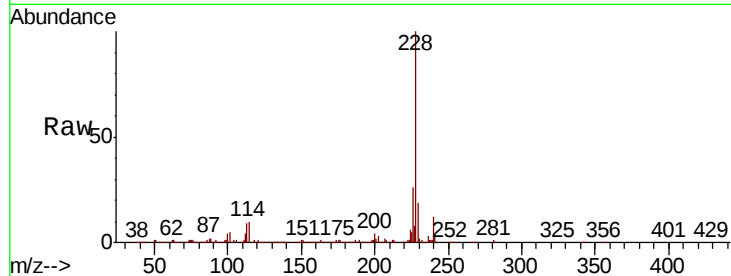
ClientSampleId :

PB115195BS

Tot Ion:	228	Resp:	2308510
Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	19.5	16.0	24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 41.042 ng

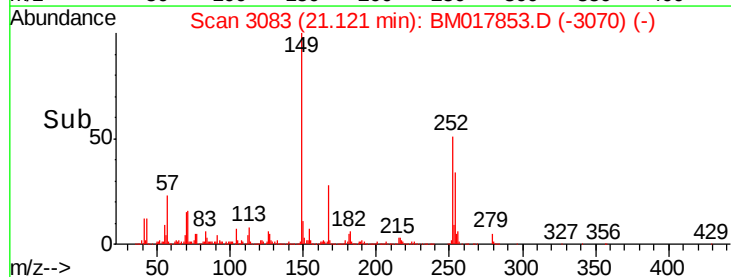
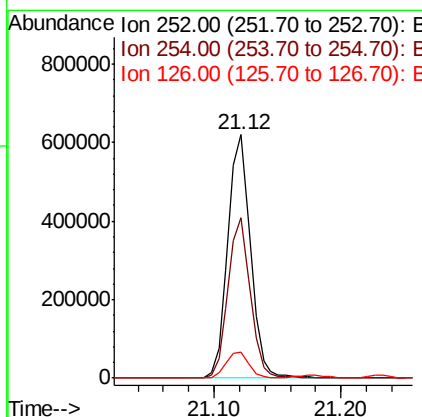
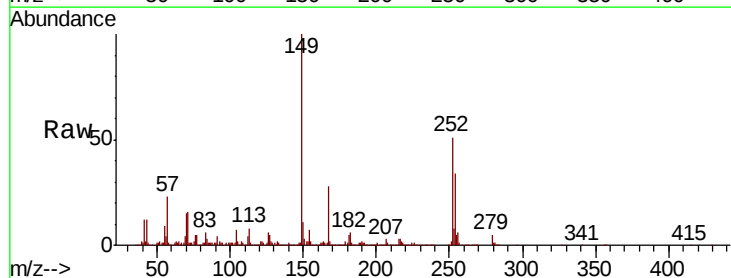
RT: 21.12 min Scan# 3083

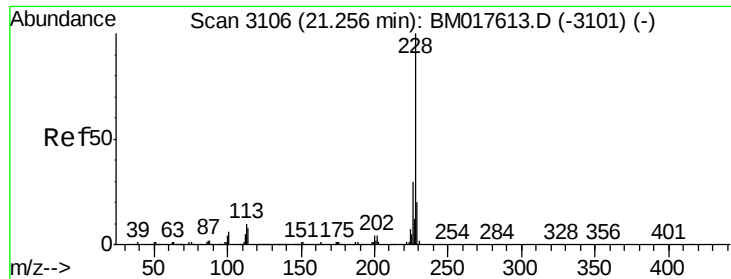
Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tgt Ion:	252	Resp:	768986
Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.4	77.2
126	10.9	8.0	12.0





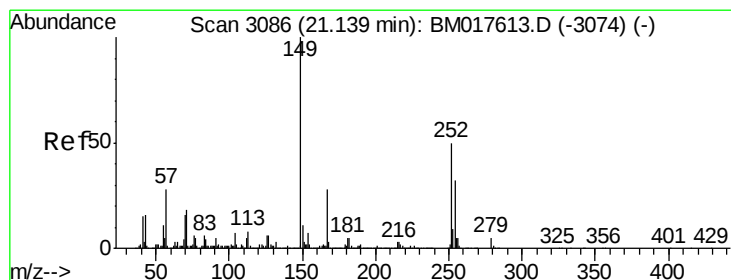
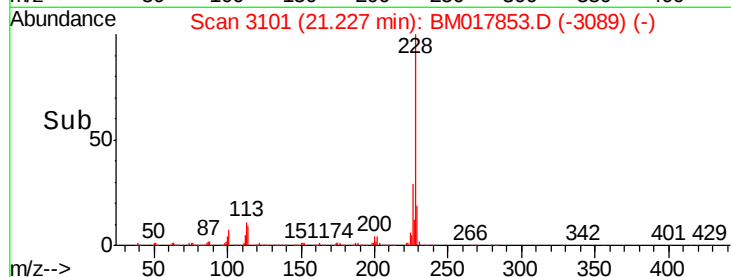
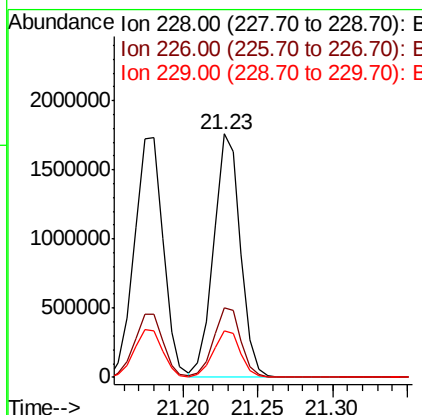
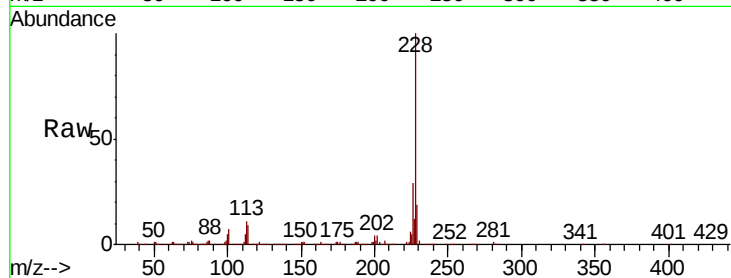
#83
Chrysene
Concen: 46.598 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	19.3	15.8	23.6

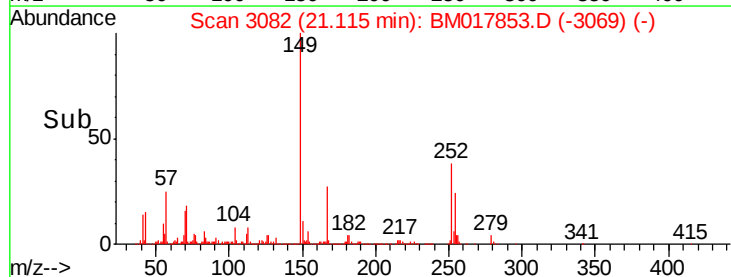
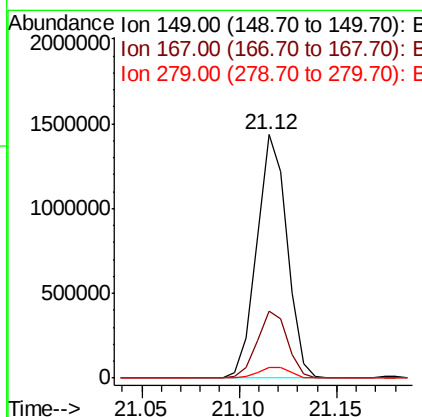
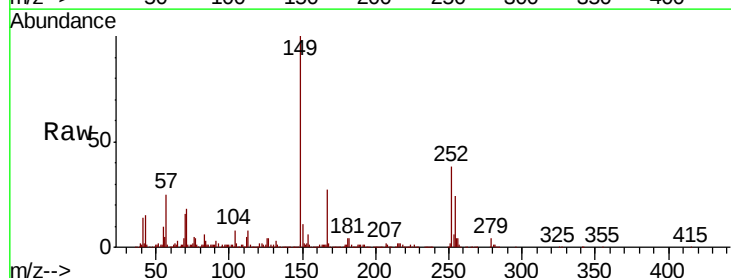
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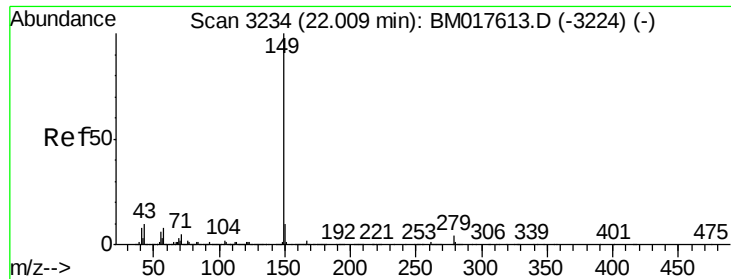
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.305 ng
RT: 21.12 min Scan# 3082
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.4
279	4.1	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 48.860 ng

RT: 21.99 min Scan# 3230

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

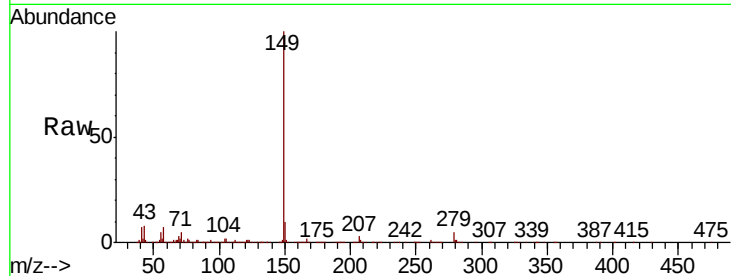
ClientSampleId :

PB115195BS

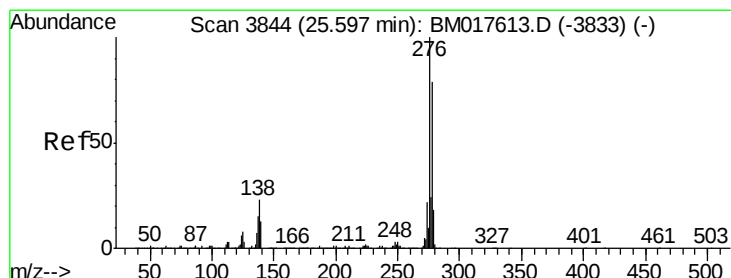
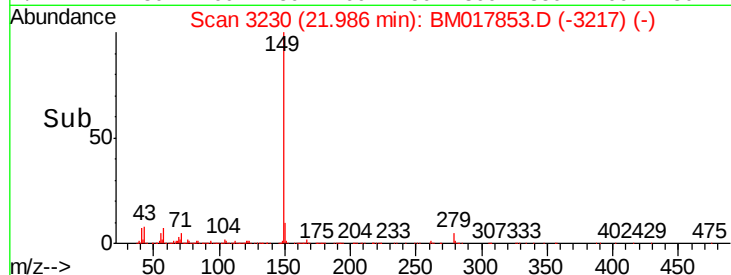
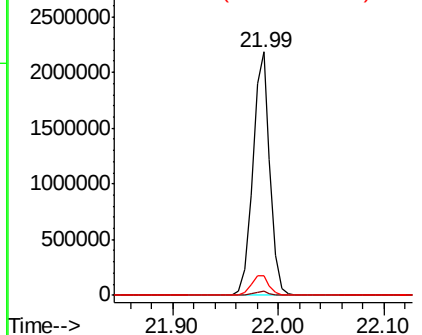
Tot Ion:	149	Resp:	2442481
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.7	8.3	12.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 69.668 ng

RT: 25.55 min Scan# 3836

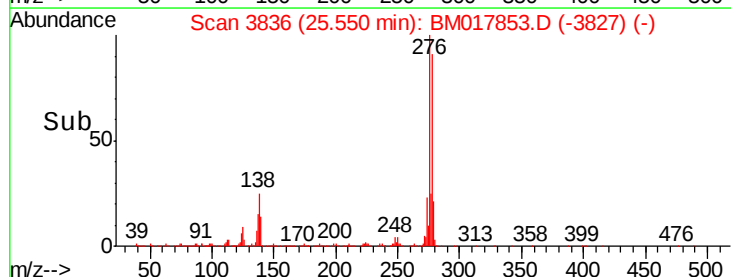
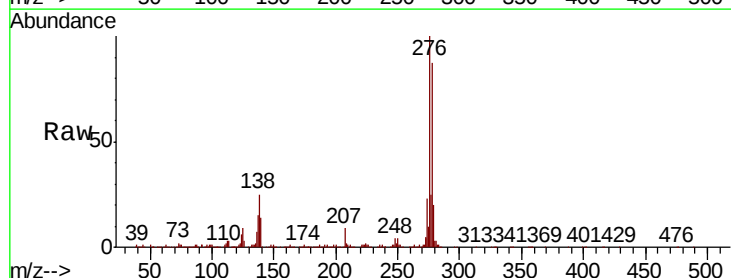
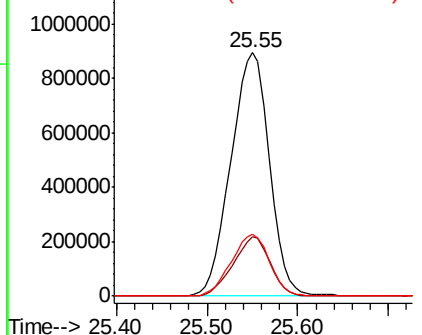
Delta R.T. -0.05 min

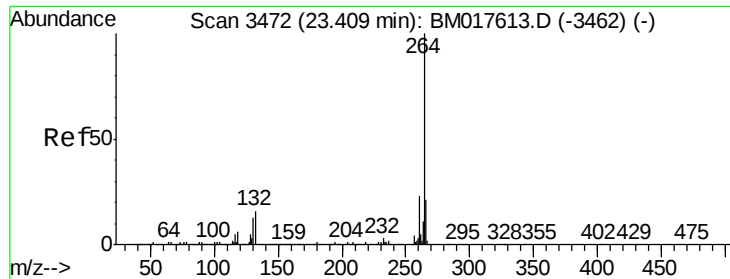
Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tgt Ion:	276	Resp:	2625063
Ion Ratio	Lower	Upper	
276	100		
138	23.5	19.1	28.7
277	25.1	20.0	30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.04 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

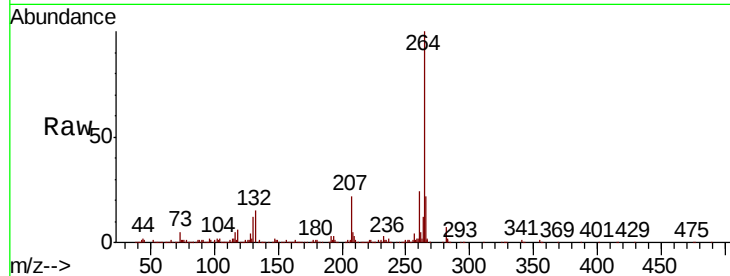
ClientSampleId :

PB115195BS

Tot Ion:	264	Resp:	699970
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.2
265	22.3	17.5	26.3

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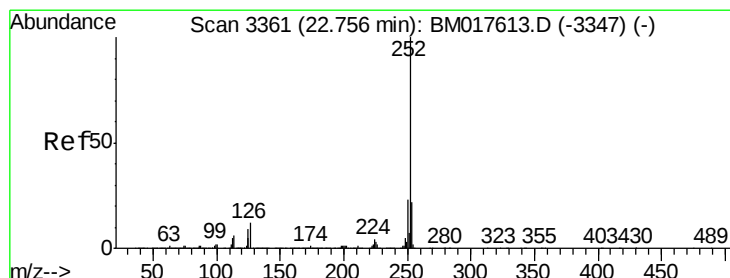
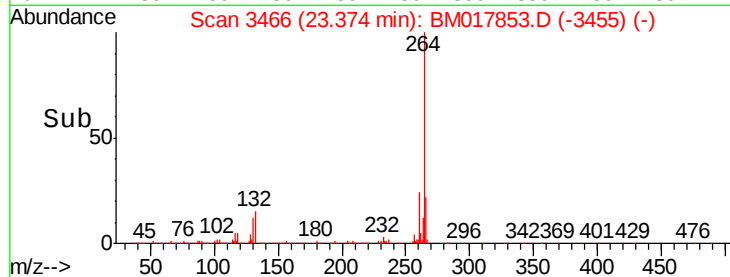
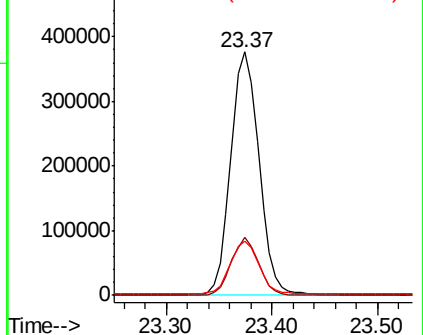


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.237 ng

RT: 22.73 min Scan# 3356

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

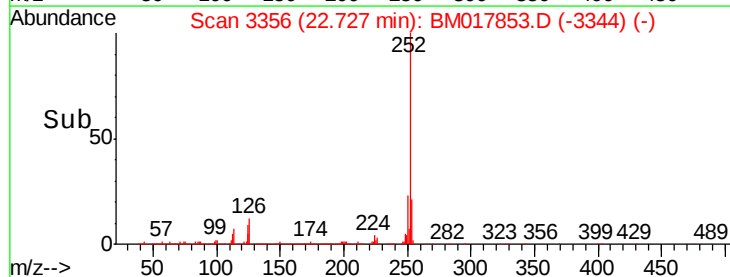
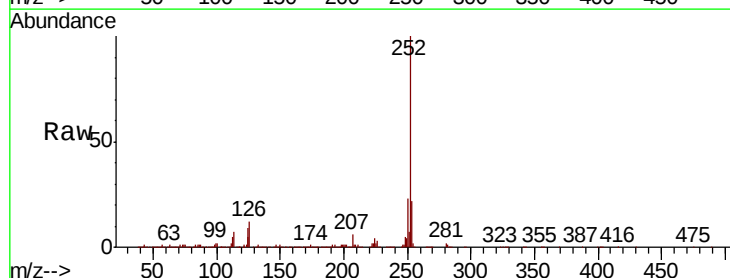
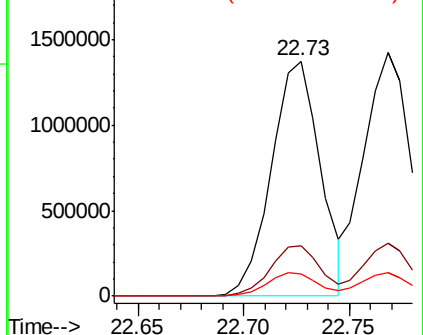
Tgt Ion:	252	Resp:	2223313
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.3	25.9
125	9.3	7.6	11.4

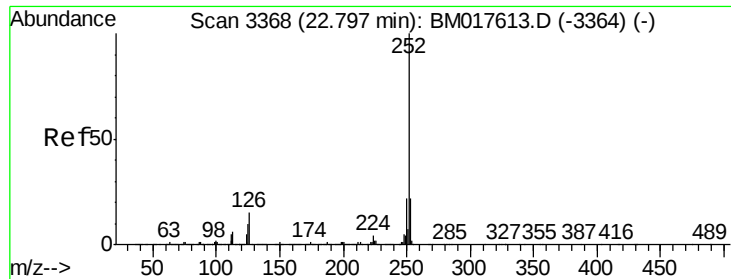
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





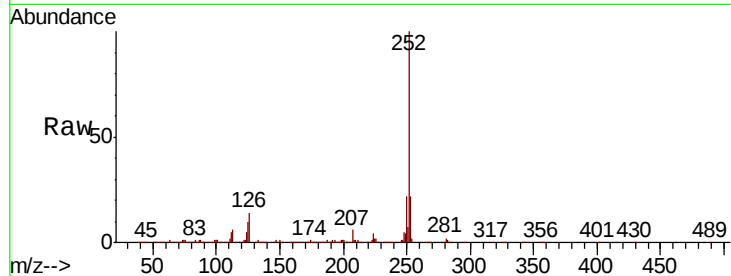
#89
Benzo(k)fluoranthene
Concen: 53.527 ng
RT: 22.77 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

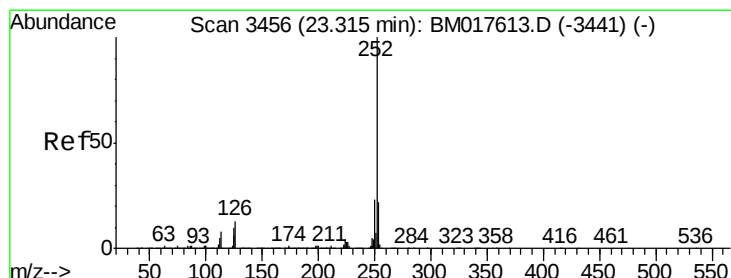
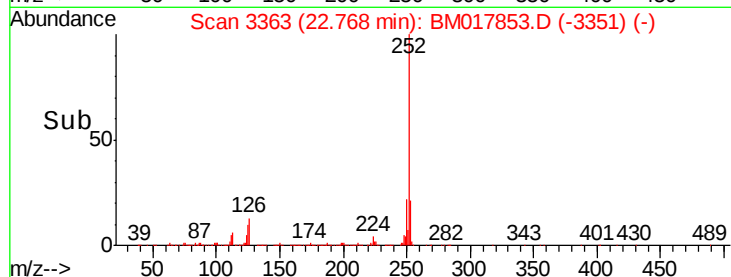
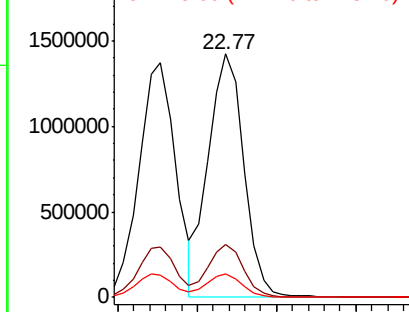
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.8	7.9	11.9

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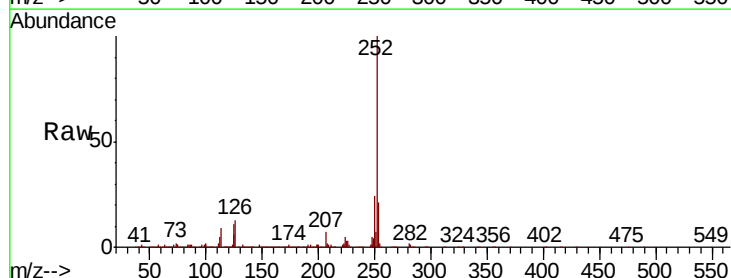


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

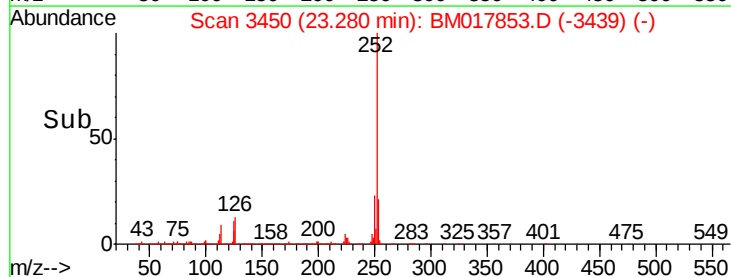
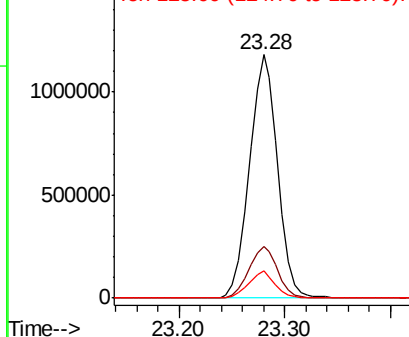


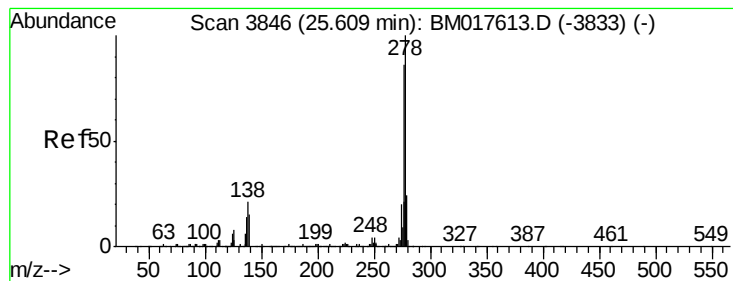
#90
Benzo(a)pyrene
Concen: 58.090 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	11.1	8.2	12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 71.283 ng

RT: 25.56 min Scan# 3837

Delta R.T. -0.05 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

Tot Ion:278 Resp: 2239917

Ion Ratio Lower Upper

278 100

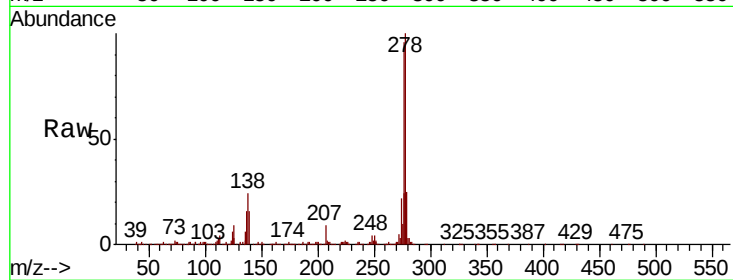
139 15.7 11.8 17.6

279 24.7 19.0 28.6

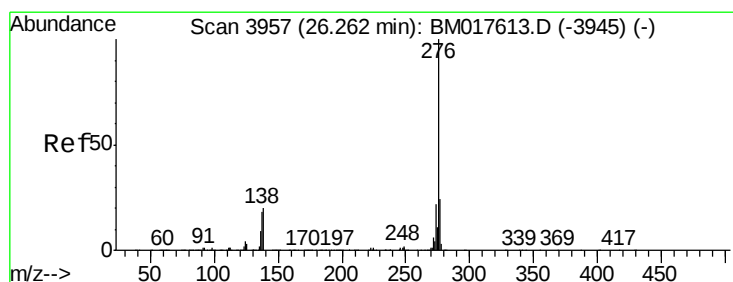
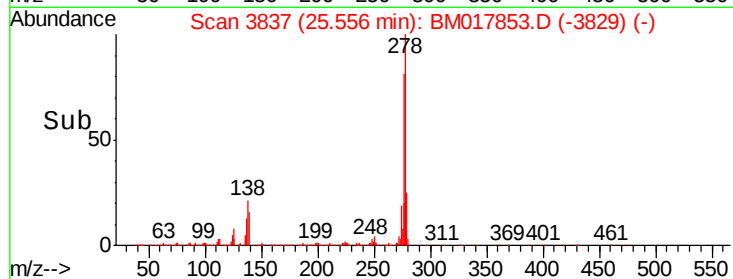
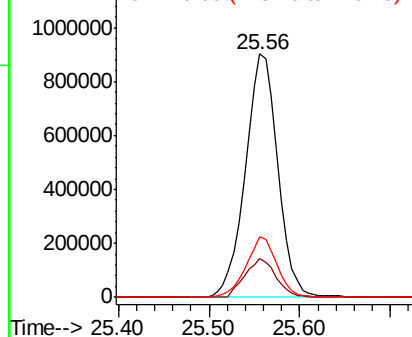
Manual Integrations
APPROVED

mohammad

12/3/2018 4:58:27 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 75.436 ng

RT: 26.21 min Scan# 3948

Delta R.T. -0.05 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

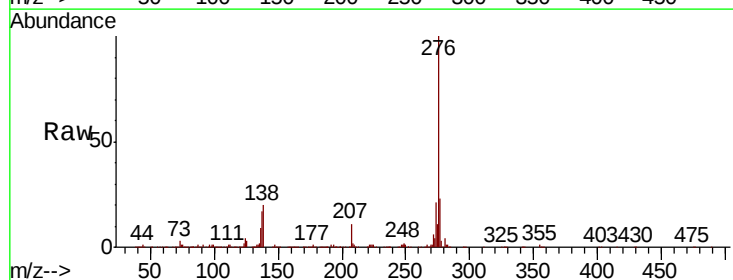
Tgt Ion:276 Resp: 2229076

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 20.0 15.9 23.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

