

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
 Data File : BM018727.D
 Acq On : 04 Feb 2019 20:13
 Operator : JU/SJ
 Sample : PB116799BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116799BS

Manual Integrations
 APPROVED

mohammad
 2/5/2019 8:41:32 AM

Quant Time: Feb 05 03:59:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	271375	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	1000707	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	503523	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1002484	20.00	ng	0.00
76) Chrysene-d12	21.31	240	897687	20.00	ng	0.00
87) Perylene-d12	23.57	264	892113	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	2036184	138.55	ng	0.00
7) Phenol-d6	6.90	99	2472729	132.47	ng	0.00
23) Nitrobenzene-d5	8.89	82	1359734	78.77	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	836840	130.53	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3146517	81.54	ng	0.00
79) Terphenyl-d14	19.75	244	3856695	90.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	219543	36.651	ng	97
3) Pyridine	3.66	79	565141	37.843	ng	98
4) n-Nitrosodimethylamine	3.58	42	279385	45.241	ng	# 95
6) Aniline	7.06	93	686828	32.985	ng	100
8) 2-Chlorophenol	7.29	128	683930	39.845	ng	95
9) Benzaldehyde	6.87	77	135393	10.293	ng	98
10) Phenol	6.92	94	739531	38.988	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	557751	37.422	ng	97
12) 1,3-Dichlorobenzene	7.60	146	778461	38.082	ng	99
13) 1,4-Dichlorobenzene	7.75	146	788245	38.045	ng	99
14) 1,2-Dichlorobenzene	8.06	146	746063	37.976	ng	99
15) Benzyl Alcohol	7.97	79	510032	37.830	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	749470	39.348	ng	96
17) 2-Methylphenol	8.16	107	503099	39.074	ng	99
18) Hexachloroethane	8.78	117	278761	37.736	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	422874	34.811	ng	95
20) 3+4-Methylphenols	8.49	107	673857	37.911	ng	99
22) Acetophenone	8.55	105	886420	35.808	ng	# 98
24) Nitrobenzene	8.93	77	666907	39.265	ng	97
25) Isophorone	9.45	82	1098327	42.017	ng	98
26) 2-Nitrophenol	9.63	139	342817	41.742	ng	96
27) 2,4-Dimethylphenol	9.69	122	552749	44.903	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	708734	39.248	ng	100
29) 2,4-Dichlorophenol	10.16	162	585434	39.939	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	694886	38.193	ng	99
31) Naphthalene	10.56	128	1983667	41.160	ng	99
32) Benzoic acid	9.83	122	330945m	41.023	ng	
33) 4-Chloroaniline	10.69	127	272660	14.366	ng	99
34) Hexachlorobutadiene	10.82	225	422248	36.736	ng	98
35) Caprolactam	11.49	113	143639m	28.822	ng	
36) 4-Chloro-3-methylphenol	11.80	107	564635	36.716	ng	98
37) 2-Methylnaphthalene	12.17	142	1387411	40.745	ng	99
38) 1-Methylnaphthalene	12.40	142	1310269	39.769	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	713205	40.505	ng	99

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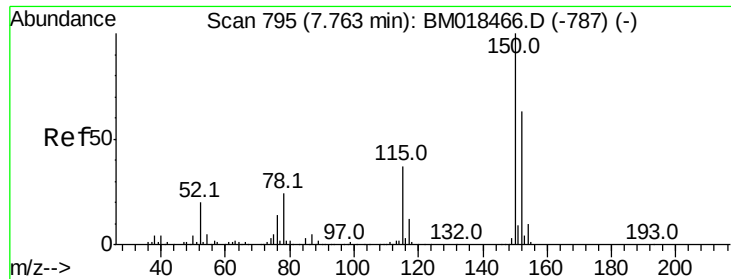
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	903845	93.529	nq	99
43) 2,4,6-Trichlorophenol	12.79	196	447260	41.829	nq	99
44) 2,4,5-Trichlorophenol	12.86	196	464800	41.332	nq	97
46) 1,1'-Biphenyl	13.20	154	1695204	38.558	nq	99
47) 2-Chloronaphthalene	13.24	162	1312247	38.490	nq	100
48) 2-Nitroaniline	13.46	65	317743	37.882	nq	94
49) Acenaphthylene	14.09	152	2053138	41.324	nq	99
50) Dimethylphthalate	13.83	163	1515654	36.652	nq	100
51) 2,6-Dinitrotoluene	13.96	165	328852	37.542	nq	93
52) Acenaphthene	14.43	154	1179705	38.806	nq	98
53) 3-Nitroaniline	14.29	138	198078	22.430	nq	99
54) 2,4-Dinitrophenol	14.50	184	329332	70.400	nq	91
55) Dibenzofuran	14.77	168	1857387	36.978	nq	99
56) 4-Nitrophenol	14.60	139	529546	69.411	nq	97
57) 2,4-Dinitrotoluene	14.74	165	437763	35.321	nq	97
58) Fluorene	15.42	166	1475062	39.422	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	396919	39.820	nq	99
60) Diethylphthalate	15.20	149	1487215	35.625	nq	99
61) 4-Chlorophenyl-phenylether	15.42	204	755933	35.053	nq	98
62) 4-Nitroaniline	15.46	138	284409	29.526	nq	99
63) Azobenzene	15.71	77	1240550	36.448	nq	96
65) 4,6-Dinitro-2-methylphenol	15.51	198	225493	36.718	nq	87
66) n-Nitrosodiphenylamine	15.63	169	1241041	39.909	nq	98
67) 4-Bromophenyl-phenylether	16.31	248	435954	38.861	nq	97
68) Hexachlorobenzene	16.42	284	483883	38.529	nq	98
69) Atrazine	16.59	200	420114	37.370	nq	99
70) Pentachlorophenol	16.76	266	573249	69.696	nq	99
71) Phenanthrene	17.16	178	2155269	40.420	nq	100
72) Anthracene	17.25	178	2177654	42.470	nq	100
73) Carbazole	17.53	167	1879216	35.673	nq	100
74) Di-n-butylphthalate	18.09	149	2256117	39.098	nq	99
75) Fluoranthene	19.18	202	2333038	37.950	nq	99
77) Benzidine	19.38	184	810449	36.564	nq	100
78) Pyrene	19.54	202	2350357	44.171	nq	100
80) Butylbenzylphthalate	20.45	149	956887	42.144	nq	95
81) Benzo(a)anthracene	21.30	228	2194137	41.489	nq	100
82) 3,3'-Dichlorobenzidine	21.23	252	599833	29.995	nq	99
83) Chrysene	21.35	228	2080415	40.738	nq	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1325372	40.424	nq	99
85) Di-n-octyl phthalate	22.10	149	2221160	40.279	nq	96
86) Indeno(1,2,3-cd)pyrene	25.87	276	2642135	44.868	nq	97
88) Benzo(b)fluoranthene	22.89	252	2193259	43.305	nq	99
89) Benzo(k)fluoranthene	22.93	252	2046304	40.091	nq	100
90) Benzo(a)pyrene	23.47	252	2094616	43.199	nq	98
91) Dibenzo(a,h)anthracene	25.88	278	2218234	45.150	nq	99
92) Benzo(g,h,i)perylene	26.57	276	2228685	46.616	nq	98

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



#1

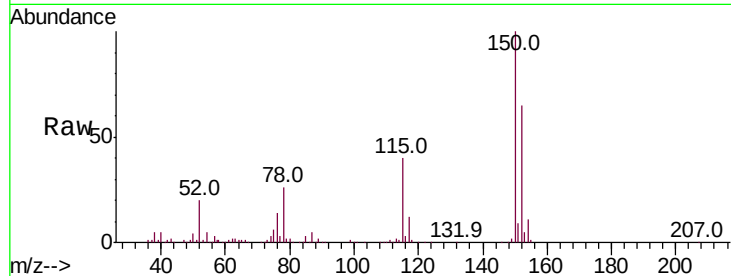
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.9	190.3
115	60.4	45.5	68.3

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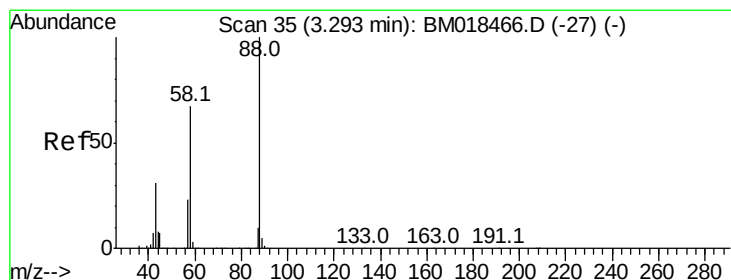
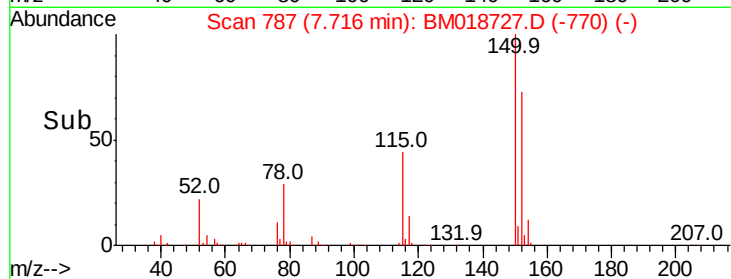
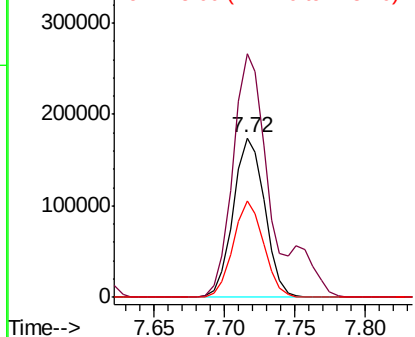


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

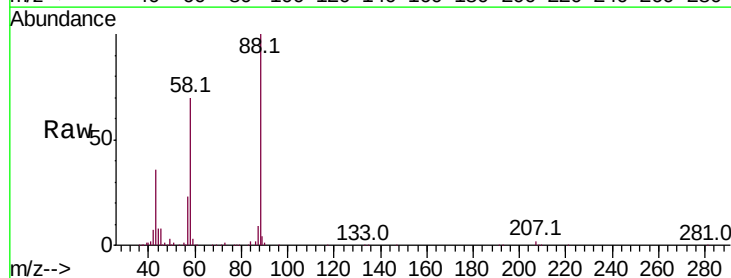
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.651 ng
RT: 3.26 min Scan# 30
Delta R.T. 0.01 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	58.4	87.6
43	31.3	26.2	39.4

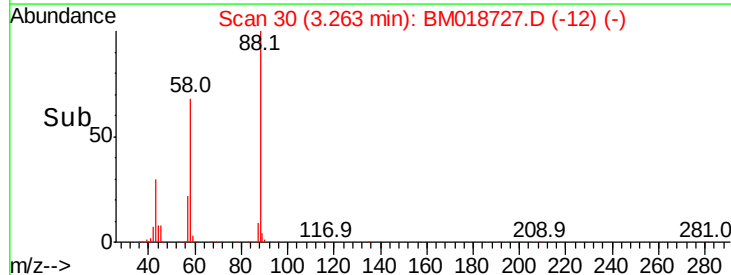
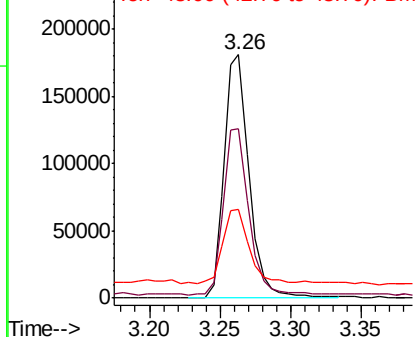


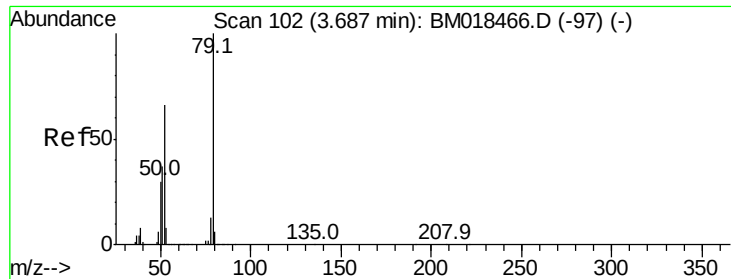
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





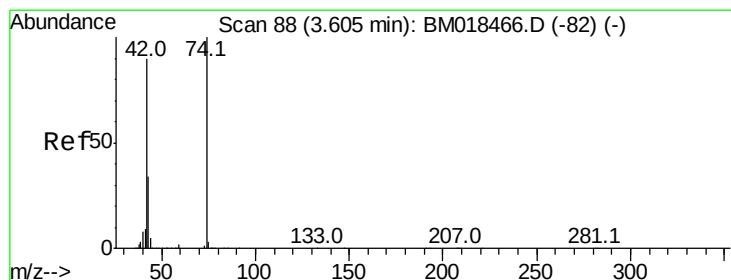
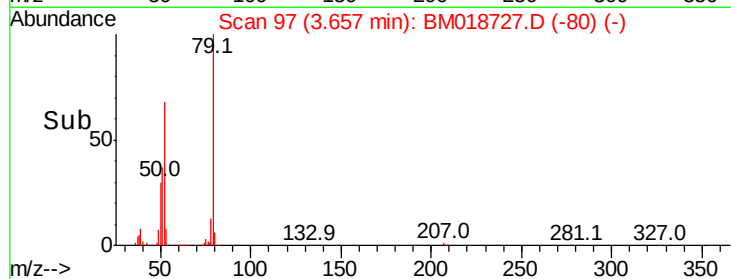
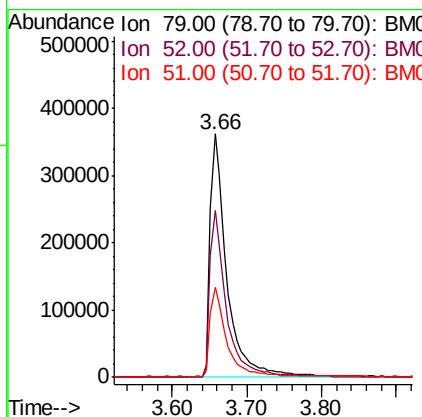
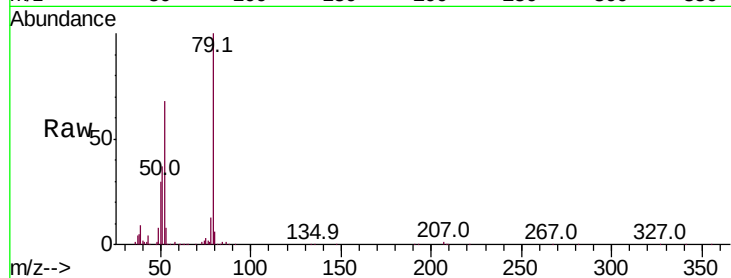
#3
 Pvridine
 Concen: 37.843 ng
 RT: 3.66 min Scan# 97
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 PB116799BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.5	56.4	84.6
51	37.2	31.0	46.4

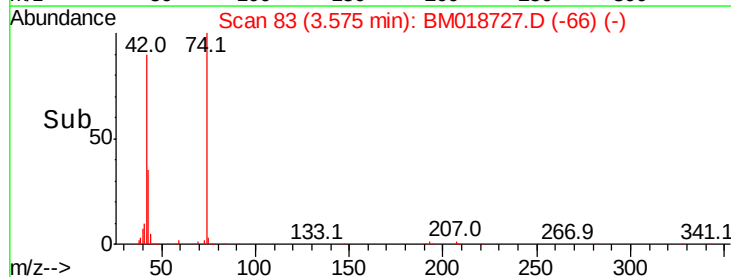
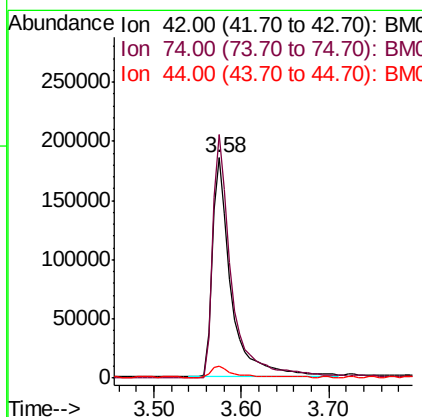
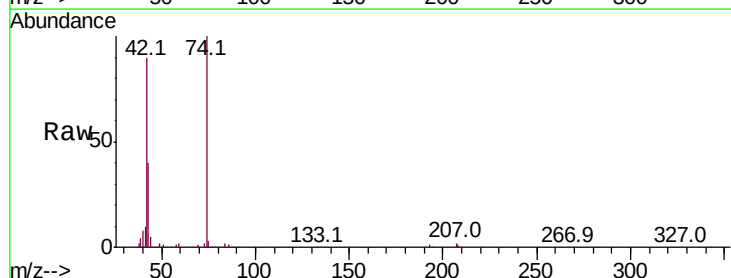
Manual Integrations
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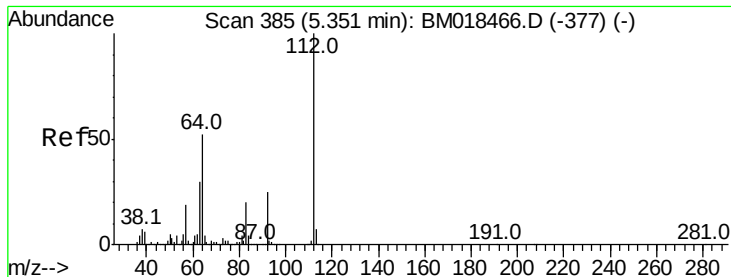
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#4
 n-Nitrosodimethylamine
 Concen: 45.241 ng
 RT: 3.58 min Scan# 83
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.6	88.6	132.8
44	5.5	16.9	25.3





#5

2-Fluorophenol

Concen: 138.546 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Instrument :

BNA_M

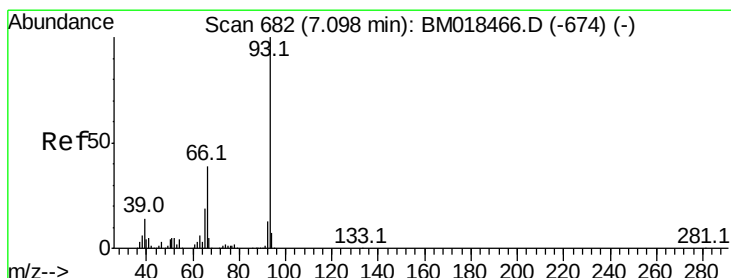
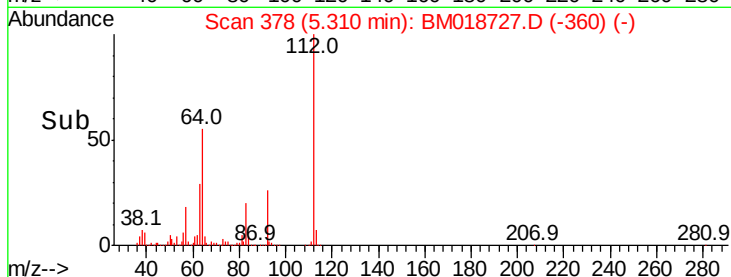
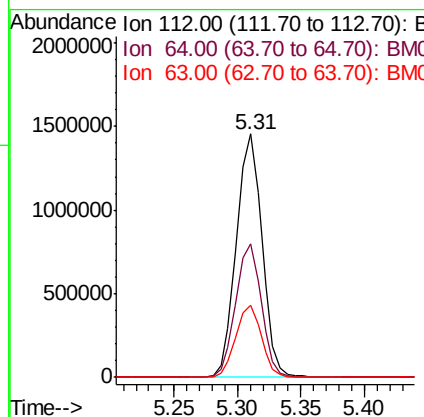
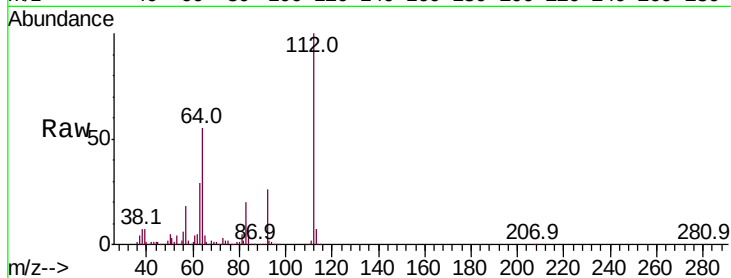
ClientSampleId :

PB116799BS

Tot Ion:	112	Resp:	2036184
Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.5	69.7
63	29.5	25.2	37.8

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#6

Aniline

Concen: 32.985 ng

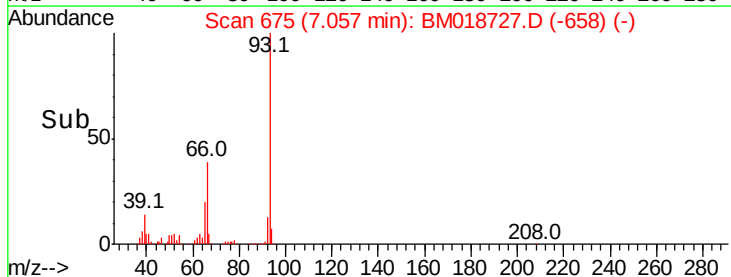
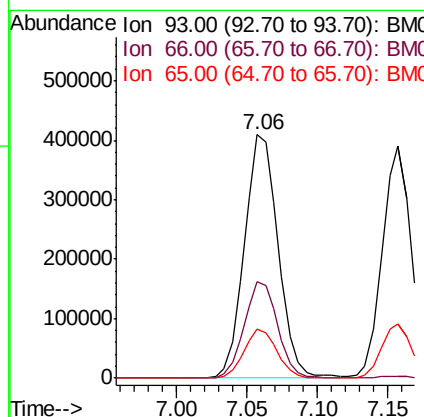
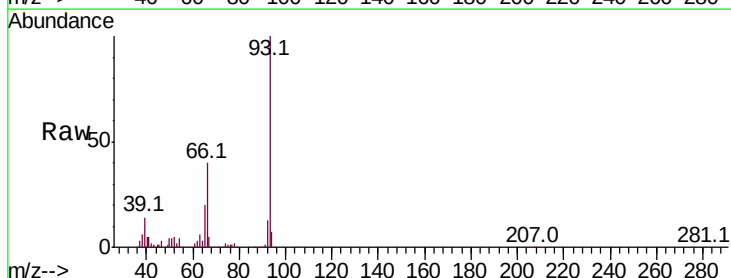
RT: 7.06 min Scan# 675

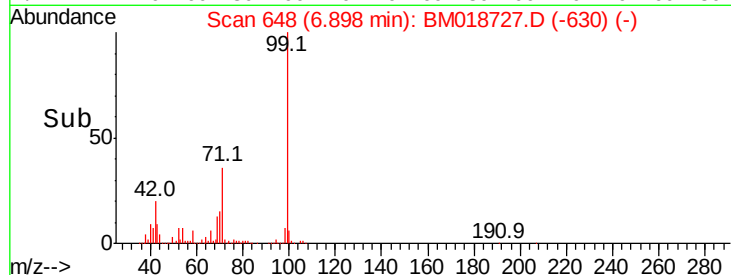
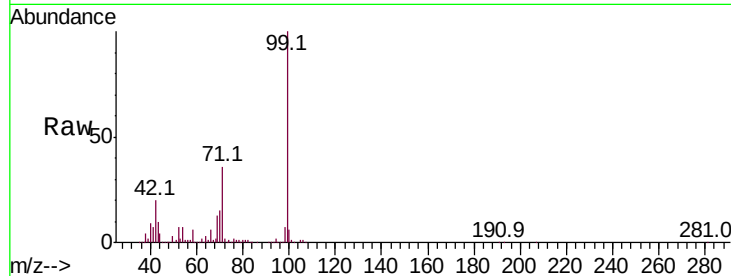
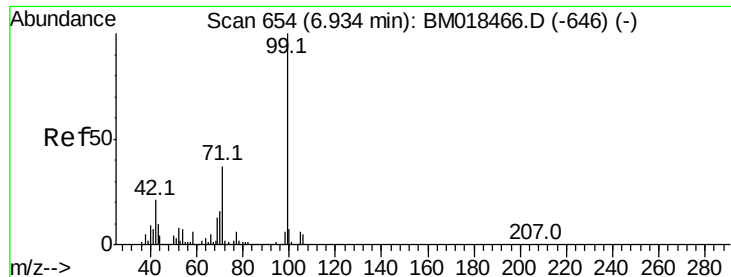
Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Tgt Ion:	93	Resp:	686828
Ion	Ratio	Lower	Upper
93	100		
66	39.7	31.7	47.5
65	20.0	15.9	23.9





#7

Phenol-d6

Concen: 132.468 ng

RT: 6.90 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Tot Ion: 99 Resp: 2472729

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

71 35.6 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

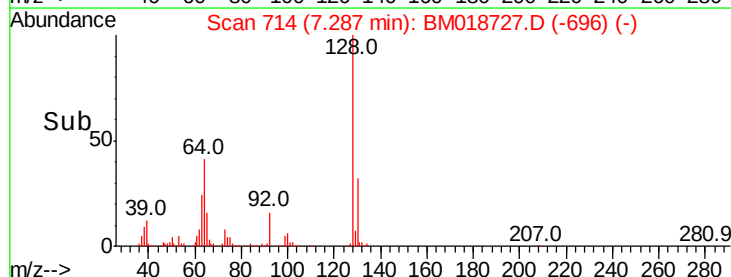
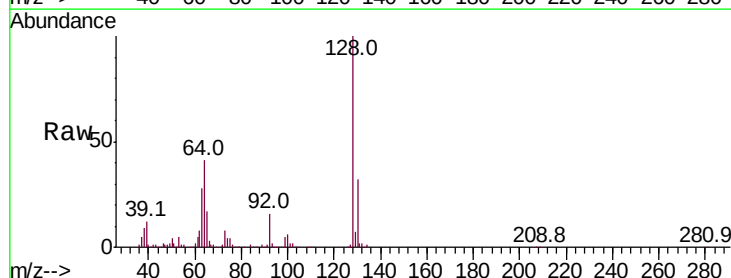
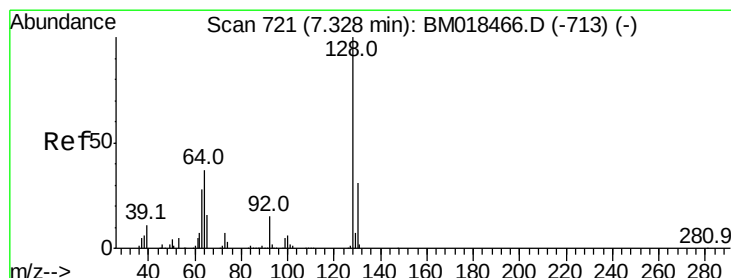
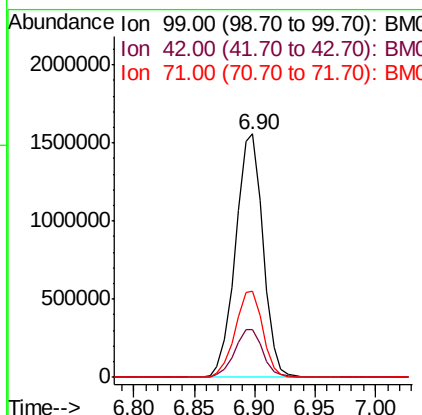
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#8

2-Chlorophenol

Concen: 39.845 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

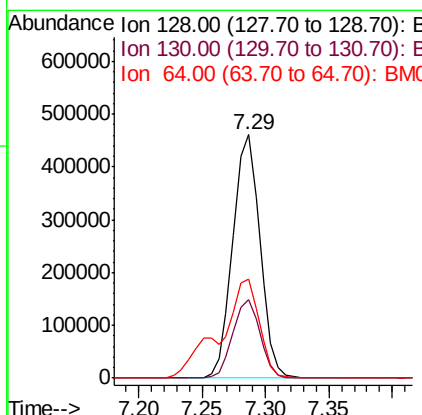
Tgt Ion: 128 Resp: 683930

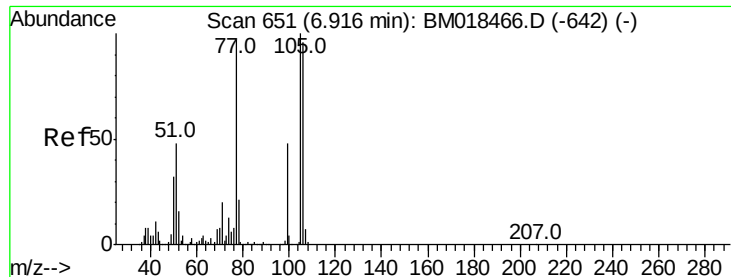
Ion Ratio Lower Upper

128 100

130 32.3 13.6 53.6

64 40.7 24.8 64.8





#9

Benzaldehyde

Concen: 10.293 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Instrument :

BNA_M

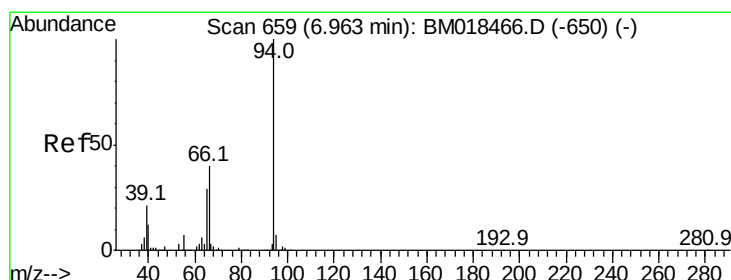
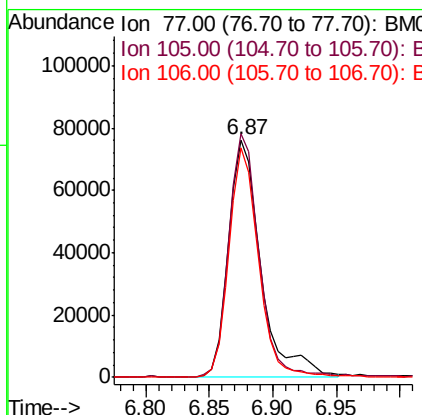
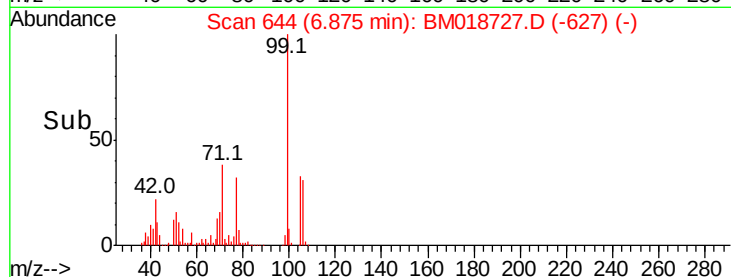
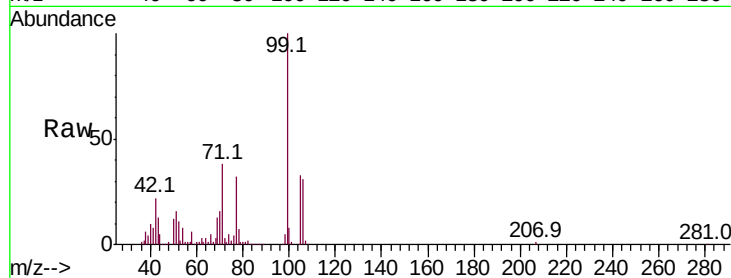
ClientSampled :

PB116799BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.4	79.7	119.7
106	96.3	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 38.988 ng

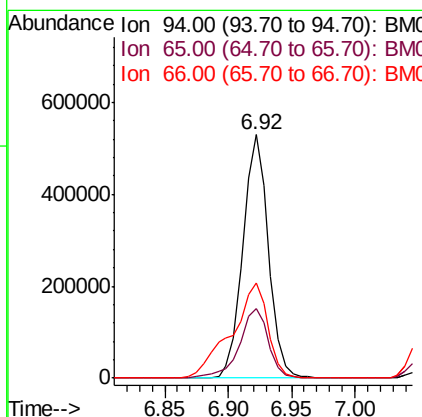
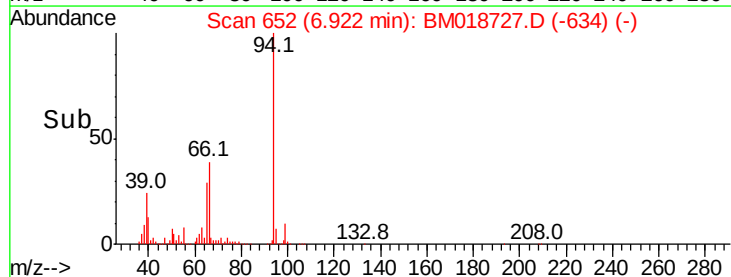
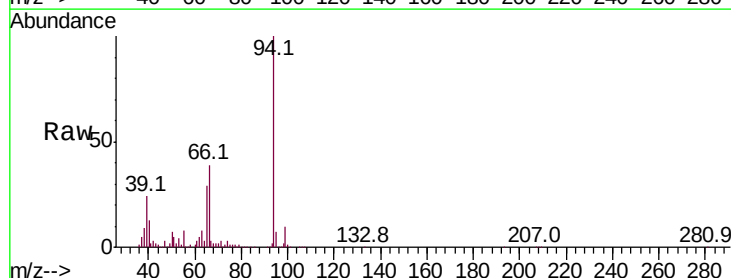
RT: 6.92 min Scan# 652

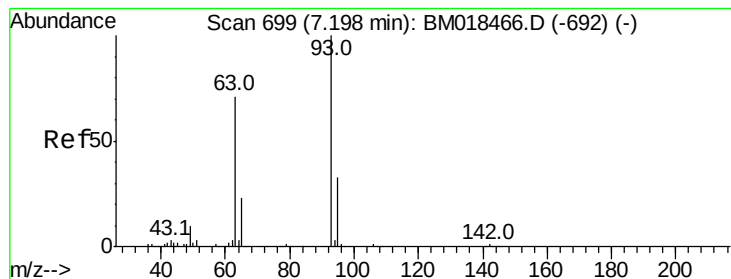
Delta R.T. 0.01 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.4	49.4
66	39.3	19.1	59.1





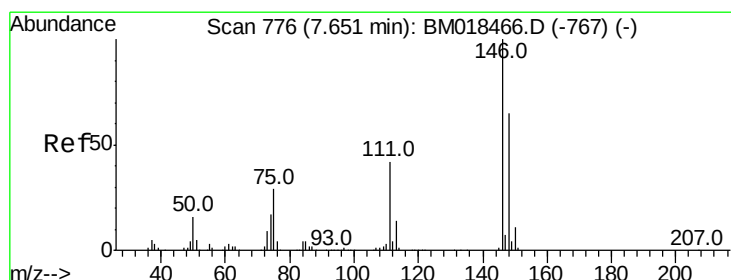
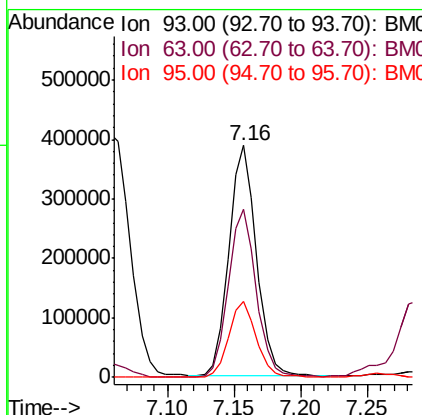
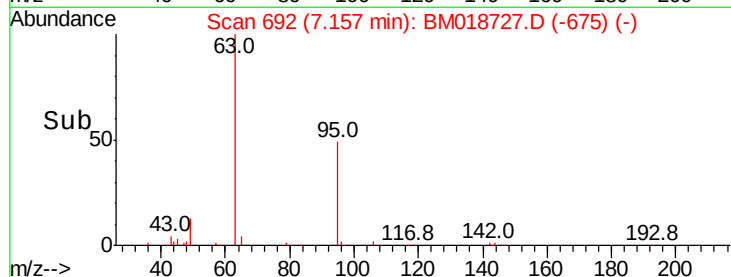
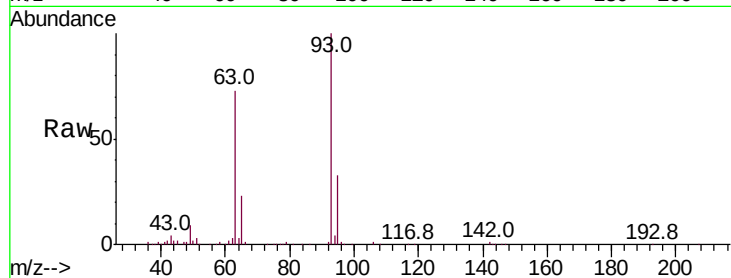
#11
bis(2-Chloroethyl)ether
Concen: 37.422 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampled :
PB116799BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	56.4	96.4
95	32.7	12.7	52.7

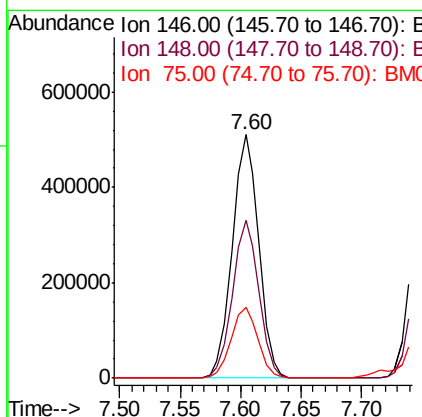
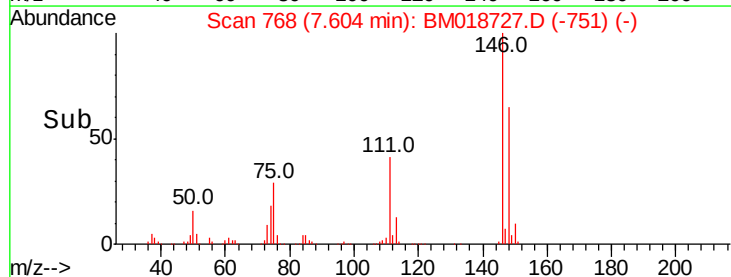
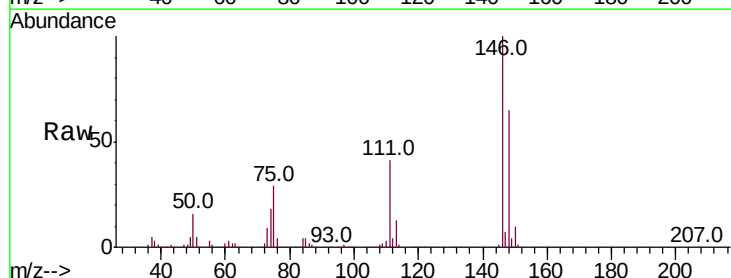
Manual Integrations
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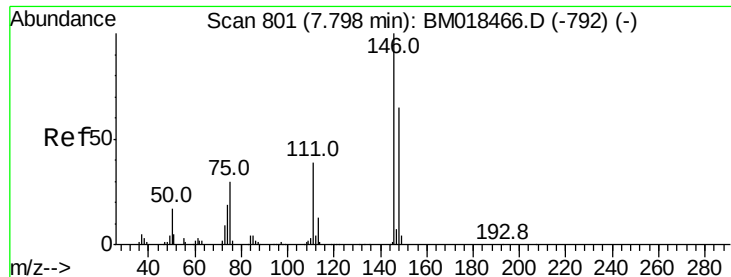
mohammad
2/5/2019 8:41:32 AM



#12
1,3-Dichlorobenzene
Concen: 38.082 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.5	75.7
75	29.1	23.0	34.6





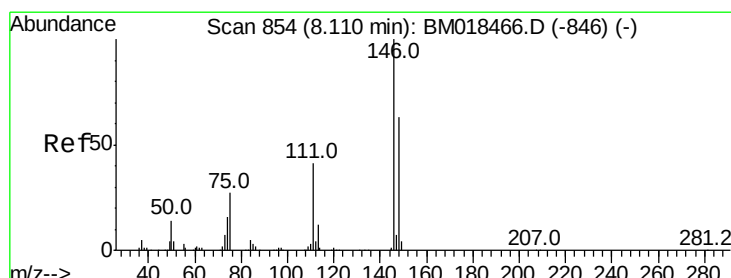
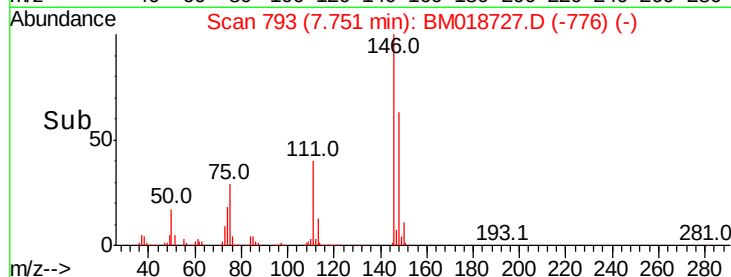
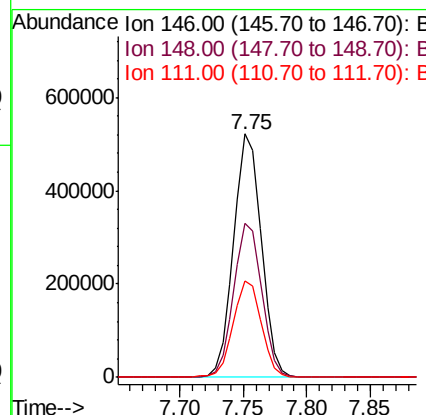
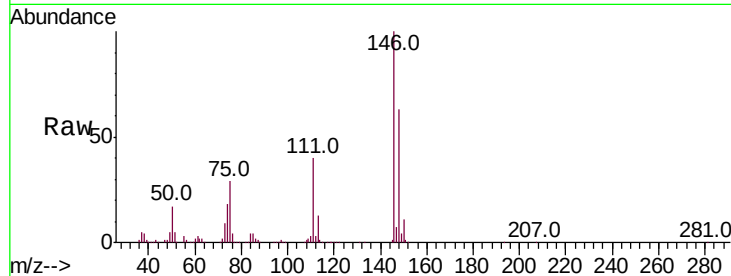
#13
 1,4-Dichlorobenzene
 Concen: 38.045 ng
 RT: 7.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 PB116799BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	39.8	32.2	48.2

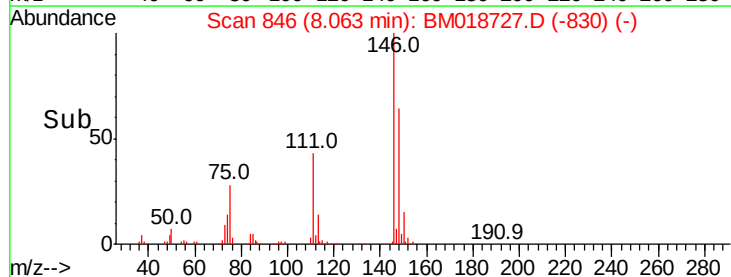
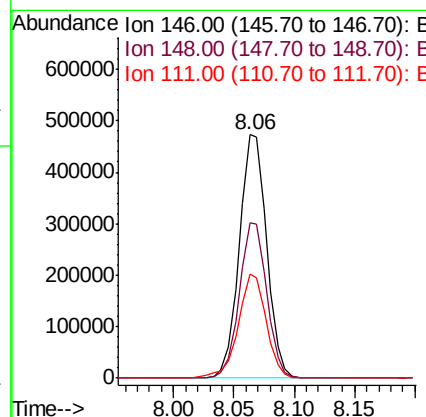
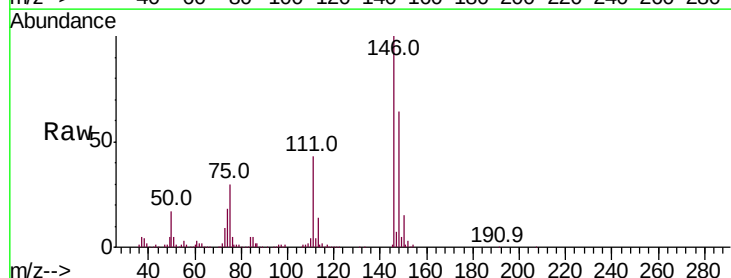
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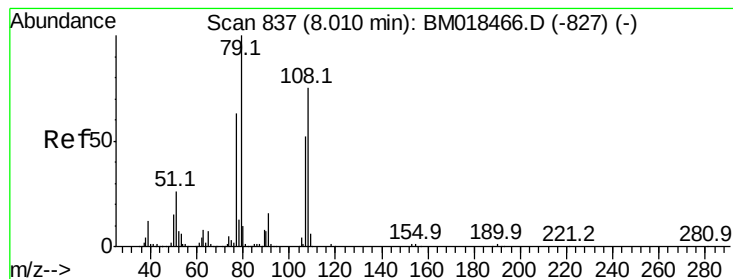
mohammad
 2/5/2019 8:41:32 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.976 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	43.0	33.8	50.6





#15

Benzyl Alcohol

Concen: 37.830 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Instrument :

BNA_M

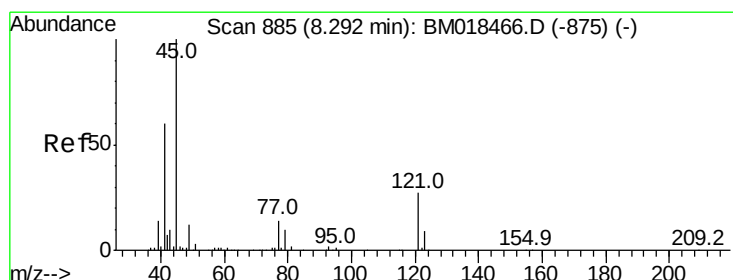
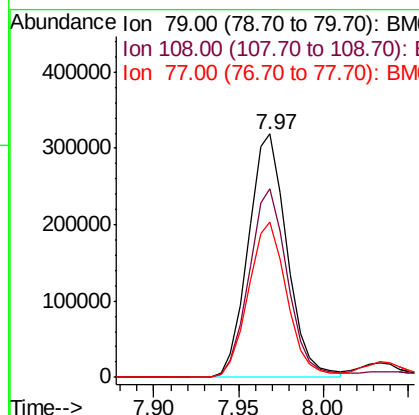
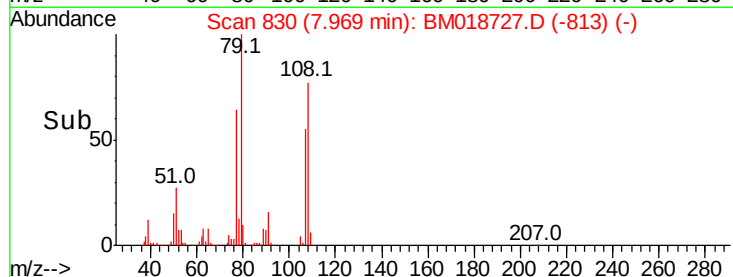
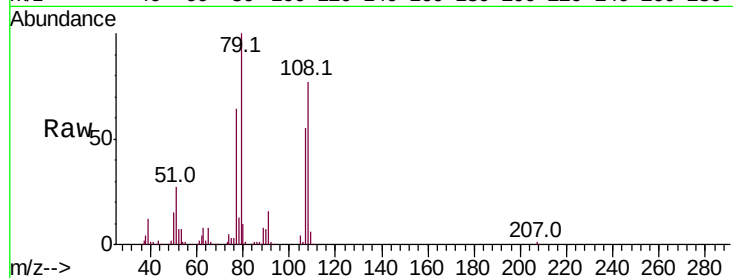
ClientSampleId :

PB116799BS

Tot Ion:	79	Resp:	510032
Ion Ratio	Lower	Upper	
79	100		
108	77.3	60.4	90.6
77	63.8	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.348 ng

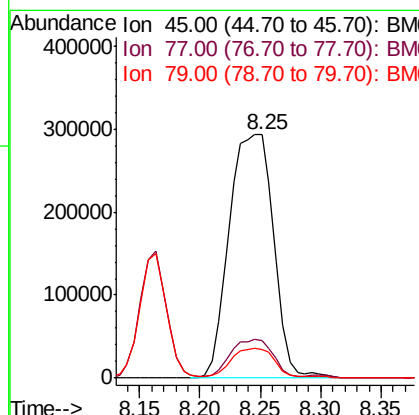
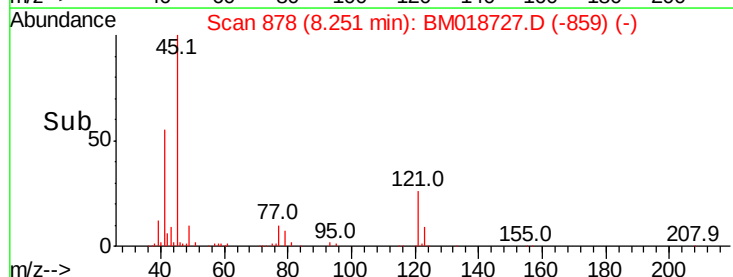
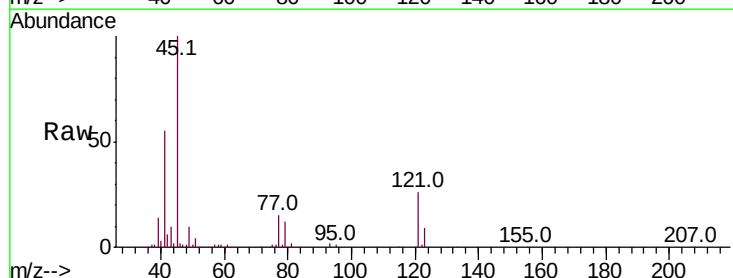
RT: 8.25 min Scan# 878

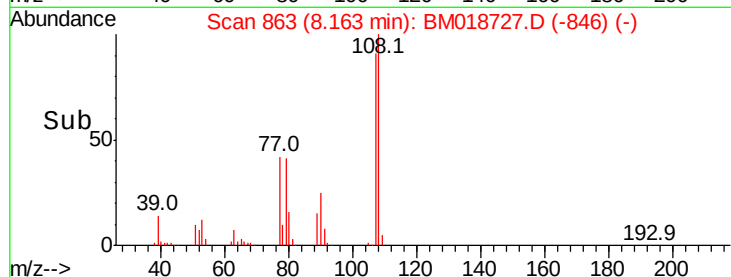
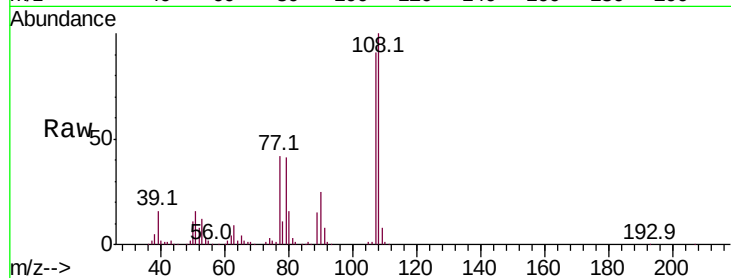
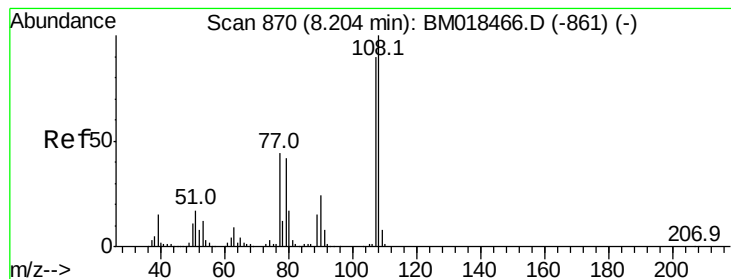
Delta R.T. 0.01 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Tgt Ion:	45	Resp:	749470
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	33.4
79	11.8	0.0	31.1





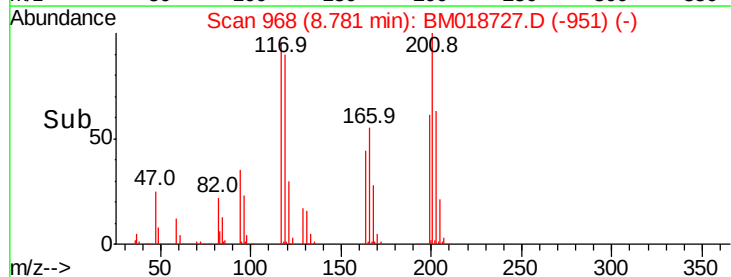
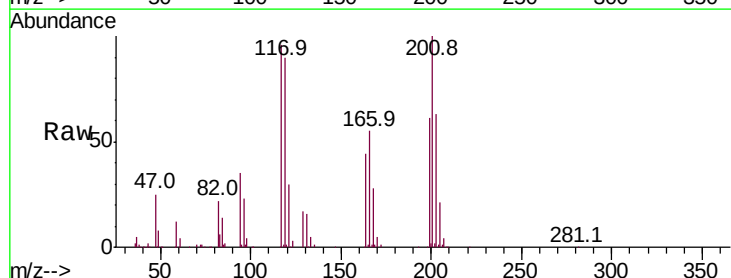
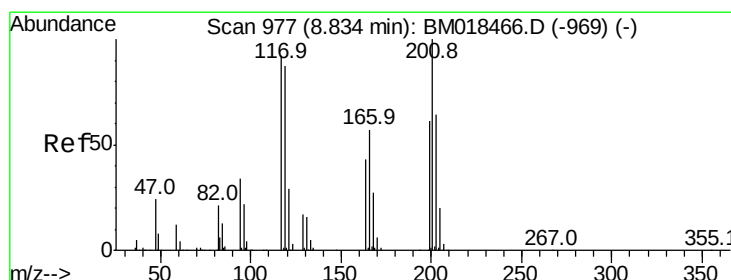
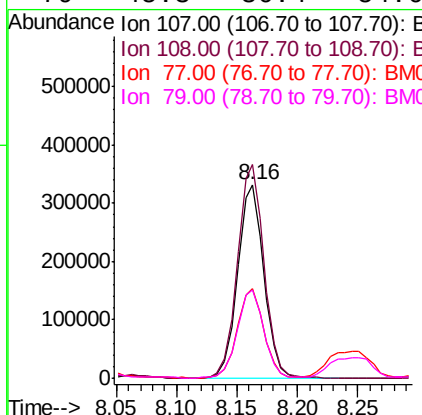
#17
2-Methylphenol
Concen: 39.074 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	87.5	131.3	
77	46.3	37.3	55.9	
79	45.3	36.4	54.6	

Instrument :
BNA_M
ClientSampleID :
PB116799BS

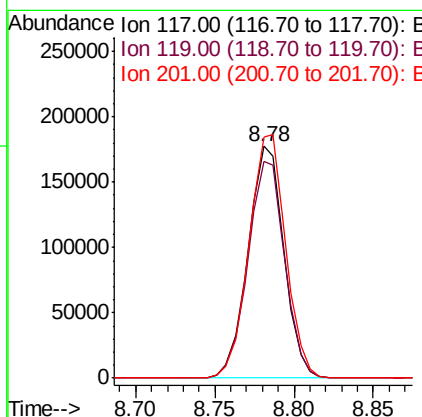
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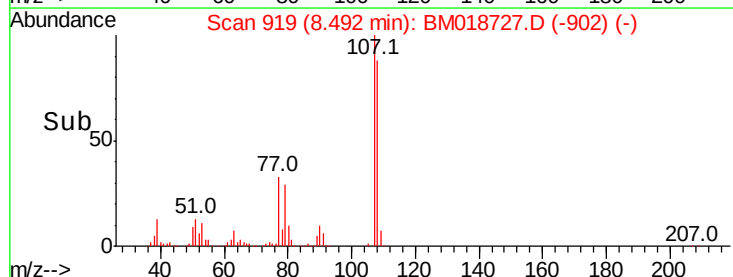
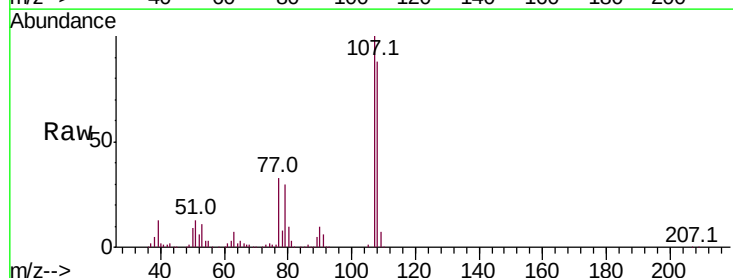
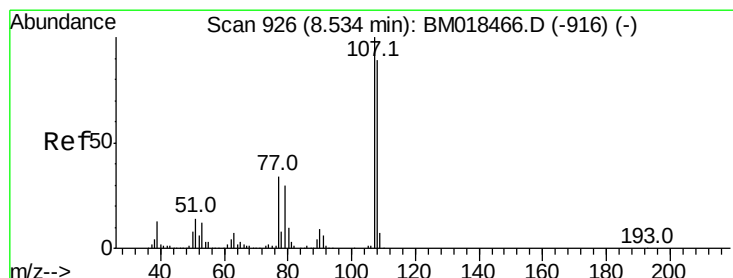
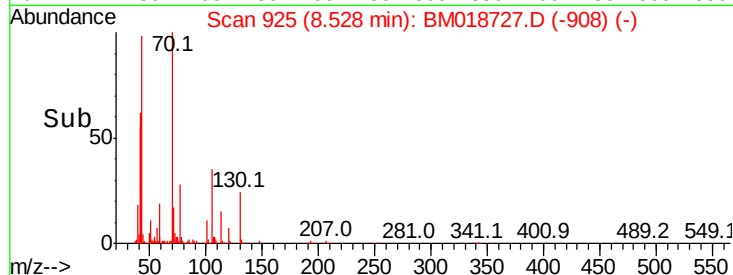
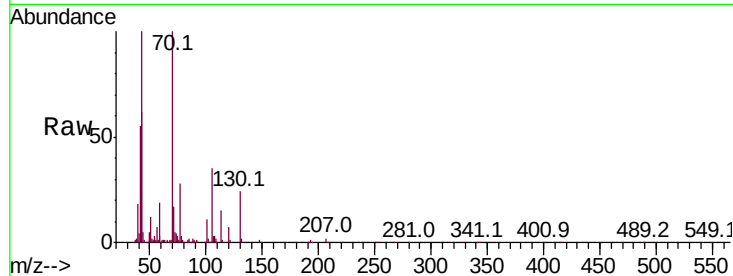
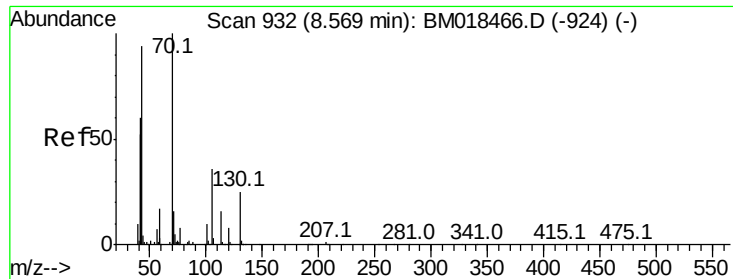
mohammad
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#18
Hexachloroethane
Concen: 37.736 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	78.3	117.5	
201	104.2	81.4	122.0	





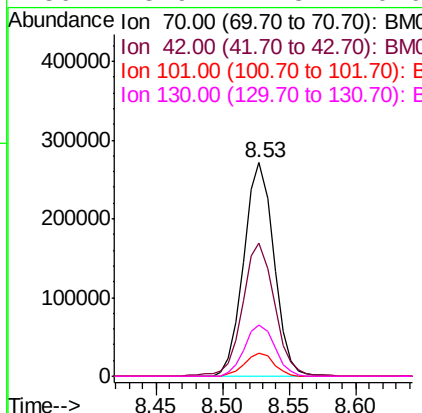
#19
n-Nitroso-di-n-propylamine
Concen: 34.811 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.1	54.0	81.0
101	10.8	8.1	12.1
130	23.9	17.8	26.6

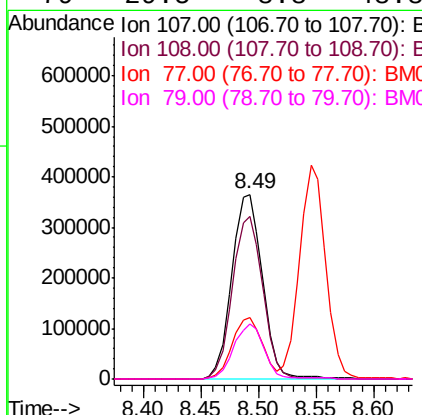
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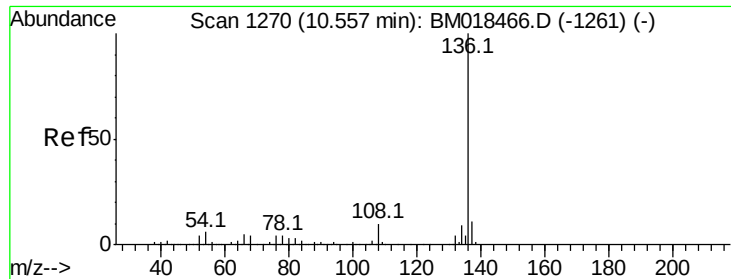
mohammad
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#20
3+4-Methylphenols
Concen: 37.911 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	66.8	106.8
77	33.0	13.3	53.3
79	29.5	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Instrument :

BNA_M

ClientSampleId :

PB116799BS

Tot Ion:136 Resp: 1000707

Ion Ratio Lower Upper

136 100

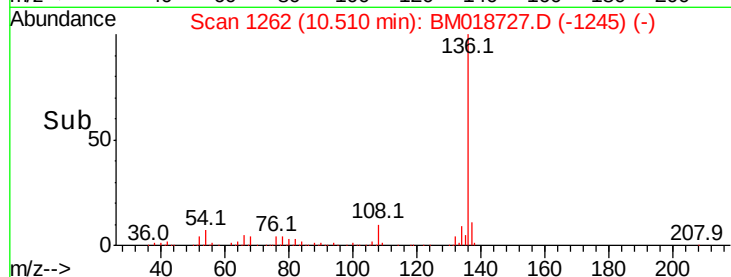
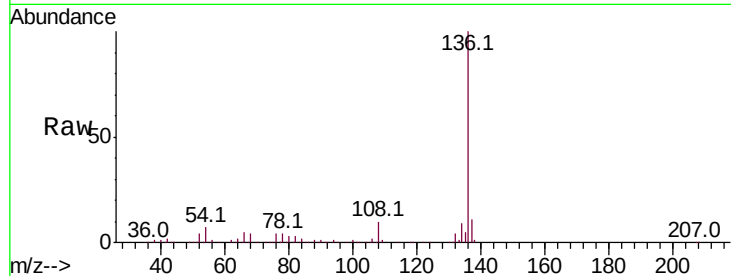
137 10.6 8.5 12.7

54 6.6 6.0 9.0

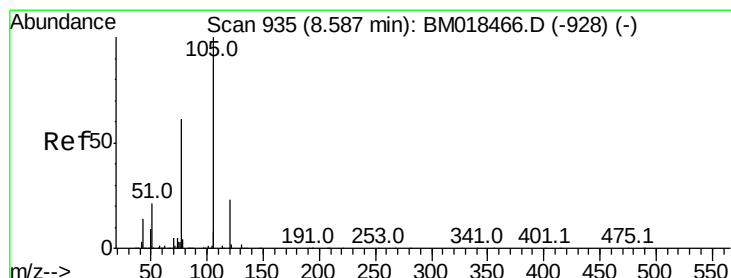
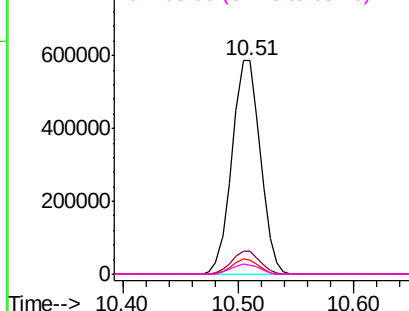
68 4.4 4.5 6.7#

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 35.808 ng

RT: 8.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Tgt Ion:105 Resp: 886420

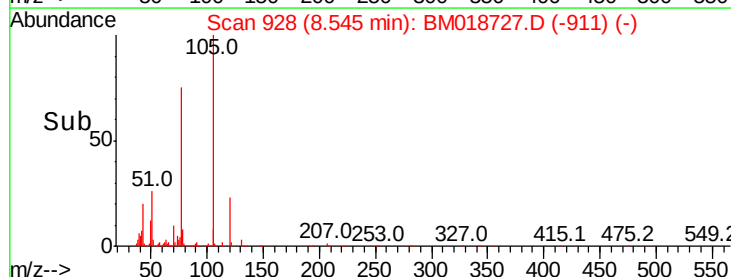
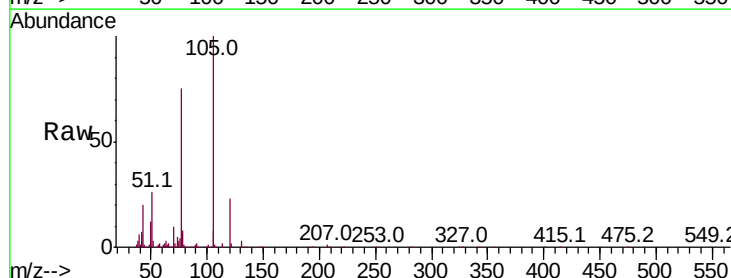
Ion Ratio Lower Upper

105 100

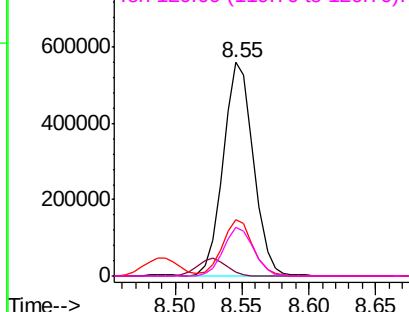
71 1.5 1.7 2.5#

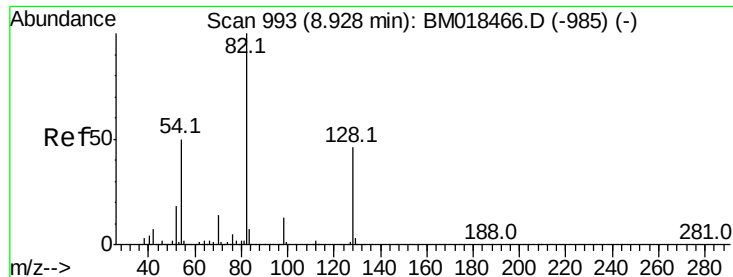
51 26.4 22.6 34.0

120 22.8 18.3 27.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





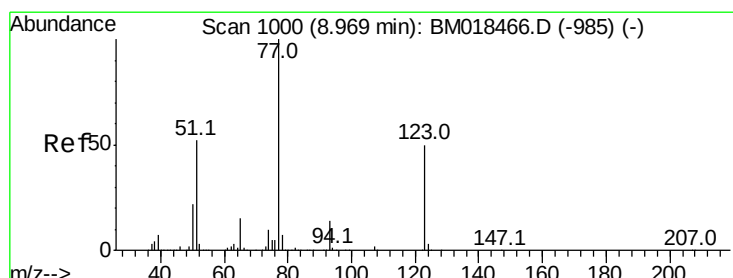
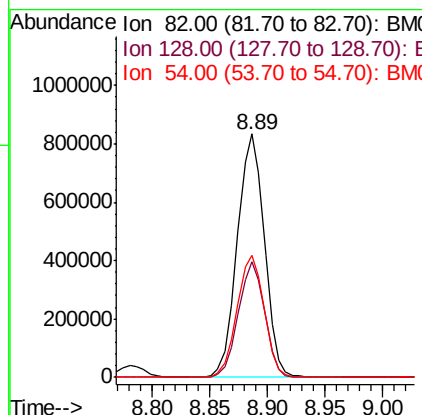
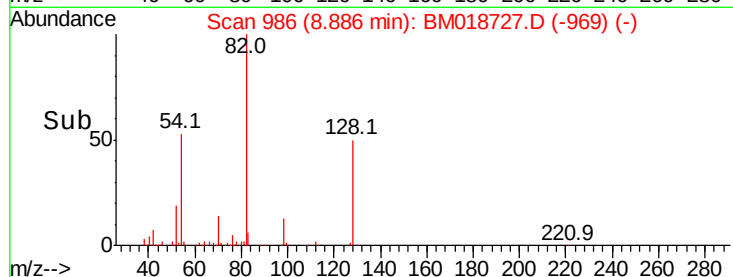
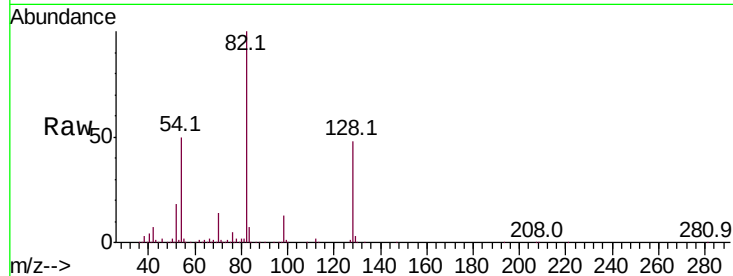
#23
Nitrobenzene-d5
Concen: 78.769 ng
RT: 8.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampled :
PB116799BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	50.2	41.7	62.5

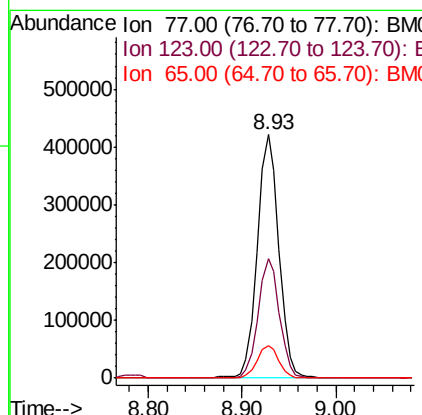
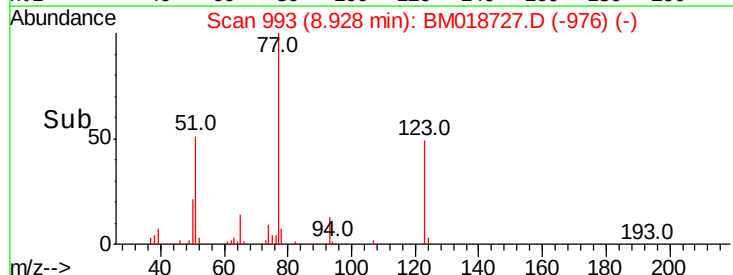
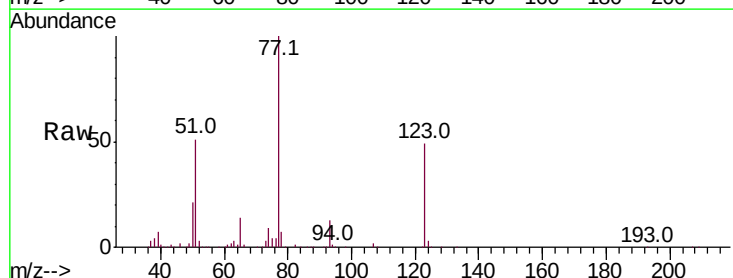
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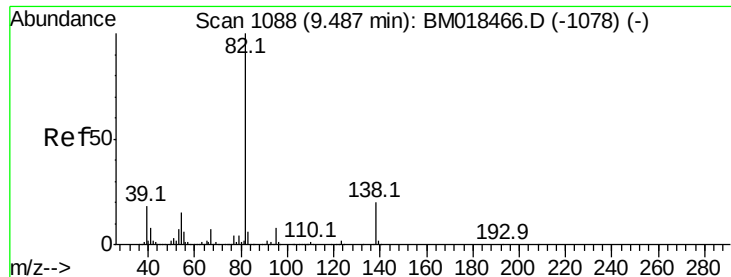
mohammad
2/5/2019 8:41:32 AM



#24
Nitrobenzene
Concen: 39.265 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.7	56.5
65	13.5	11.0	16.6





#25

Isophorone

Concen: 42.017 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Instrument :

BNA_M

ClientSampleId :

PB116799BS

Tot Ion: 82 Resp: 1098327

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

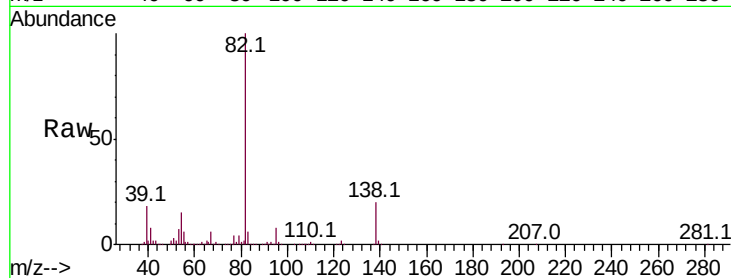
138 19.8 15.1 22.7

Manual Integrations

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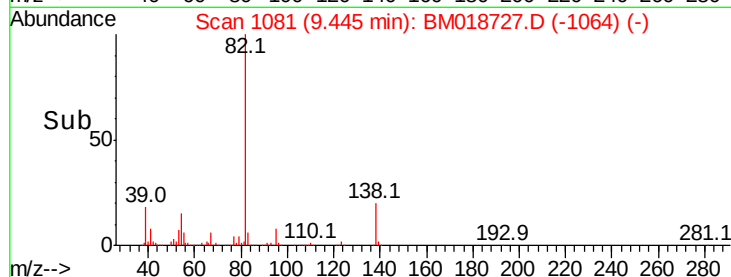


Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)

Time-->



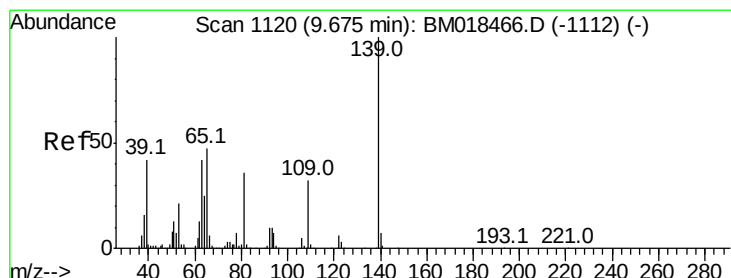
Abundance

Ion 82.00 (81.70 to 82.70): BM018727.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018727.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018727.D (-1064) (-)

Time-->



#26

2-Nitrophenol

Concen: 41.742 ng

RT: 9.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

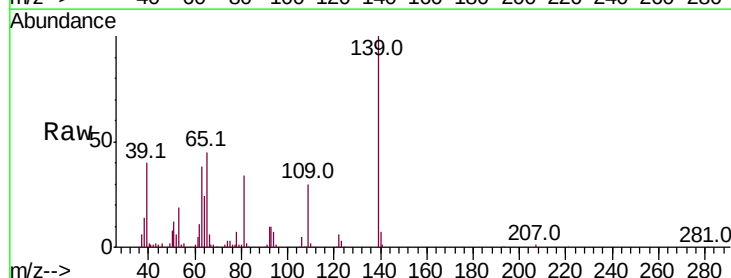
Tgt Ion: 139 Resp: 342817

Ion Ratio Lower Upper

139 100

109 29.8 23.4 35.2

65 45.1 39.4 59.2

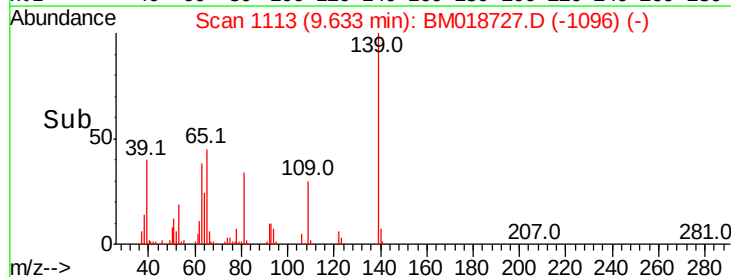


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)

Time-->



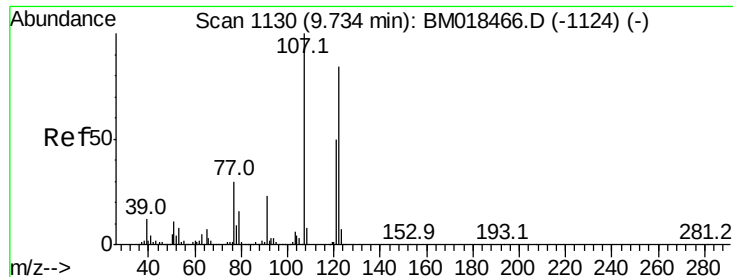
Abundance

Ion 139.00 (138.70 to 139.70): BM018727.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM018727.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM018727.D (-1096) (-)

Time-->



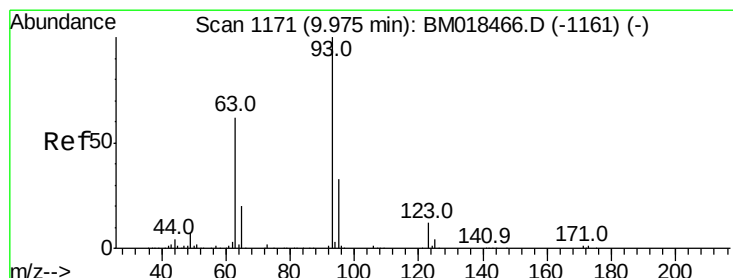
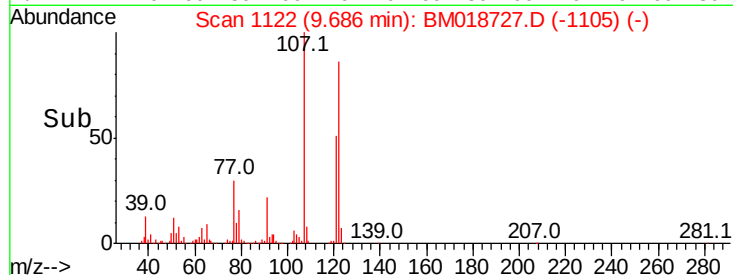
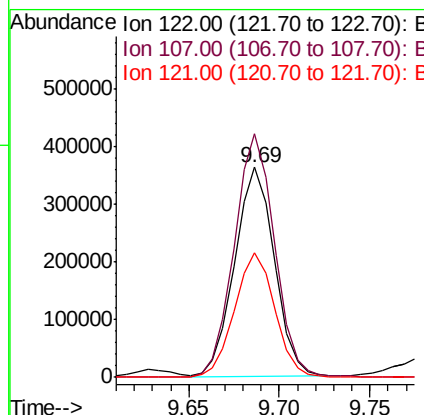
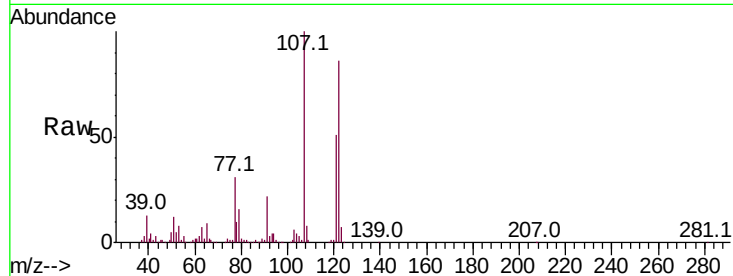
#27
2,4-Dimethylphenol
Concen: 44.903 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampled :
PB116799BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.9	137.9
121	59.3	47.5	71.3

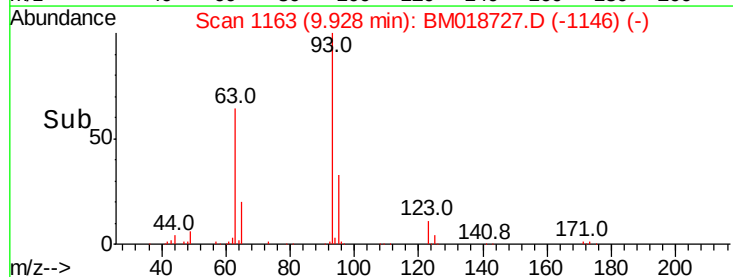
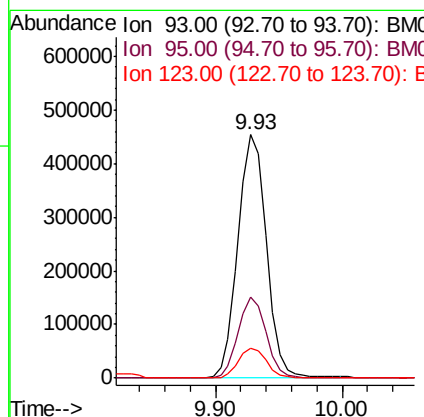
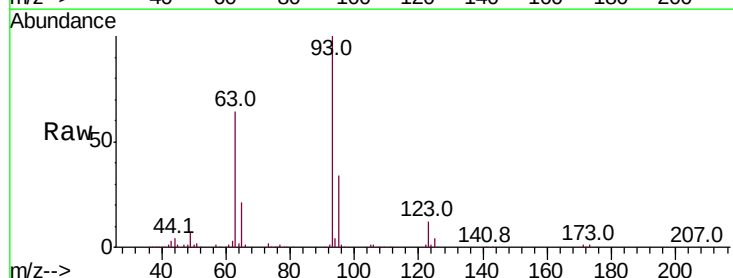
Manual Integrations
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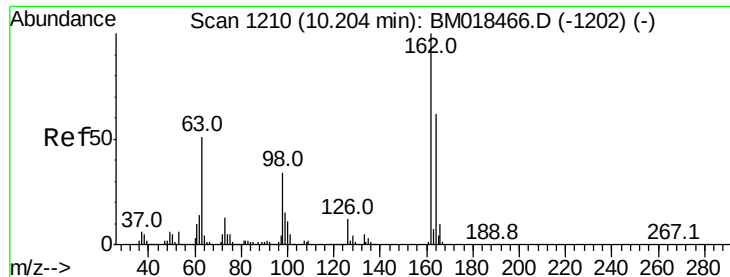
mohammad
2/5/2019 8:41:32 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.248 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	39.8
123	12.4	9.9	14.9





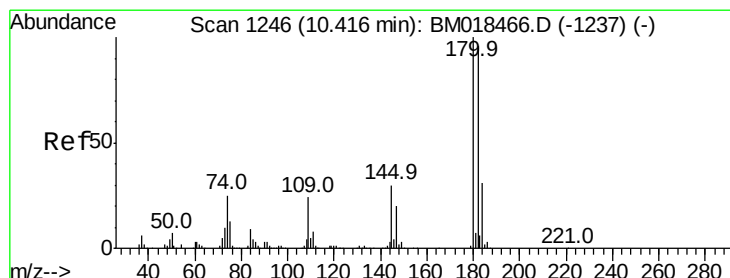
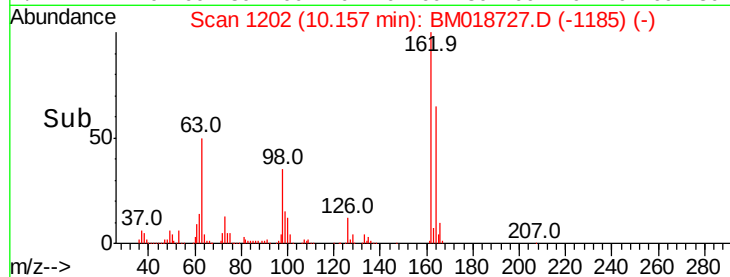
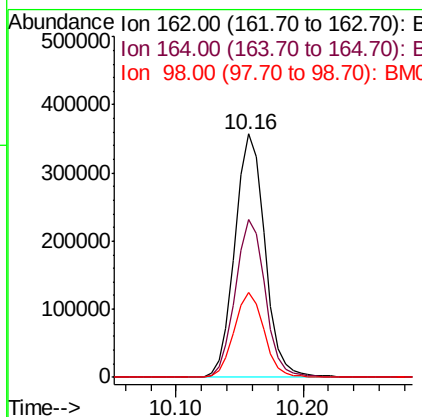
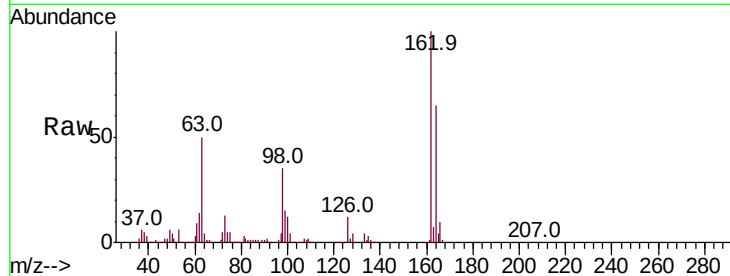
#29
 2,4-Dichlorophenol
 Concen: 39.939 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 PB116799BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.7	45.6	85.6	
98	35.0	14.7	54.7	

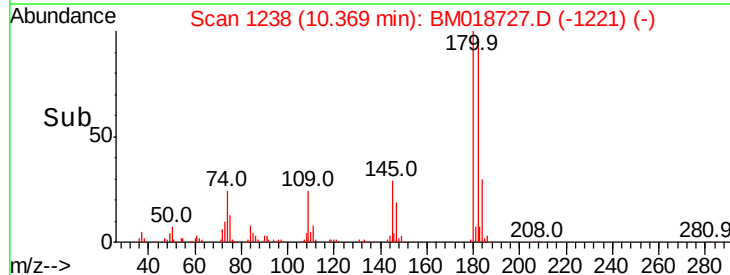
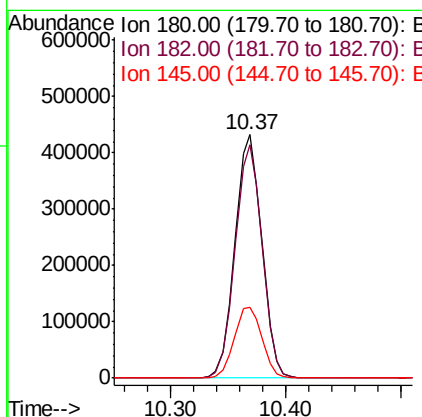
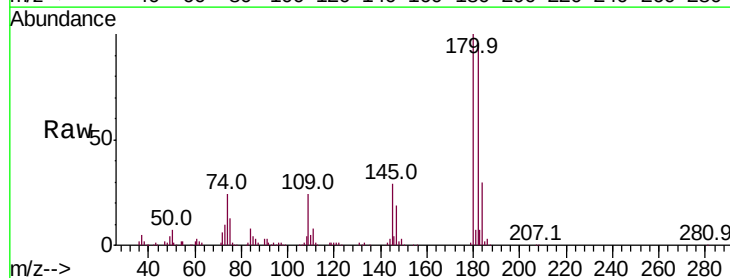
Manual Integrations
 APPROVED

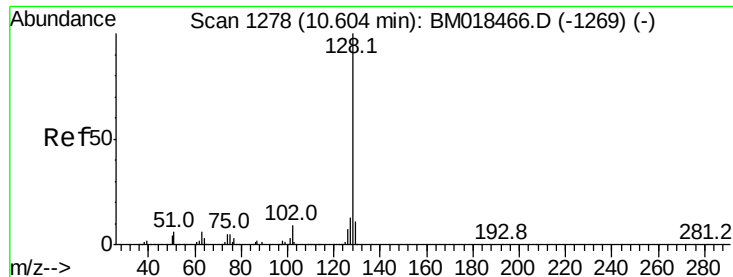
mohammad
 2/5/2019 8:41:32 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.193 ng
 RT: 10.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	77.4	116.2	
145	29.2	24.6	37.0	





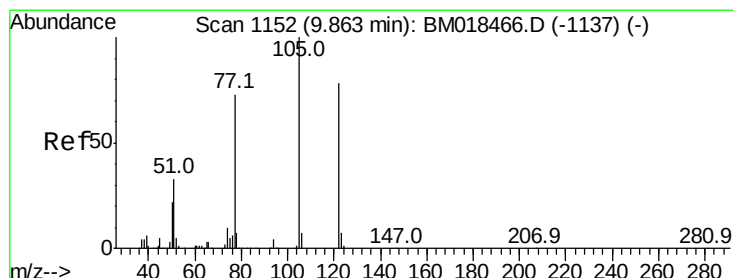
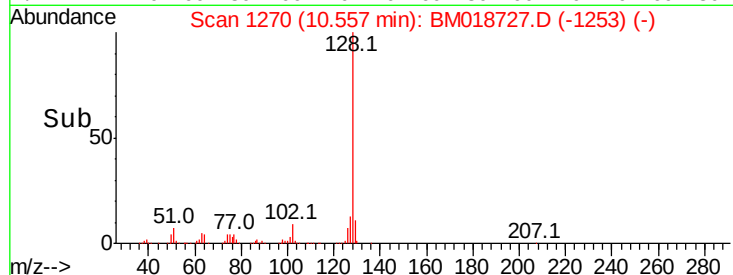
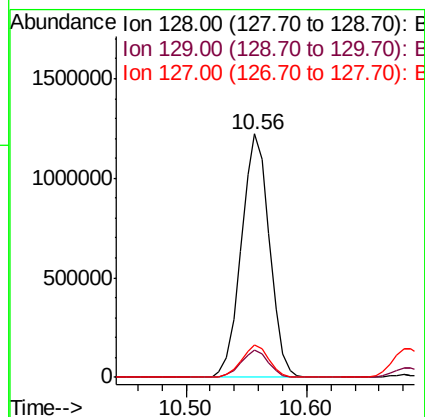
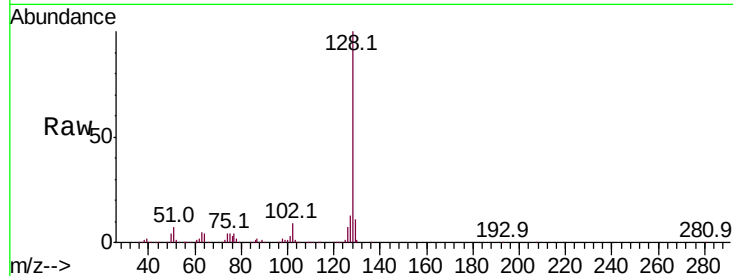
#31
Naphthalene
Concen: 41.160 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.1	10.8	16.2

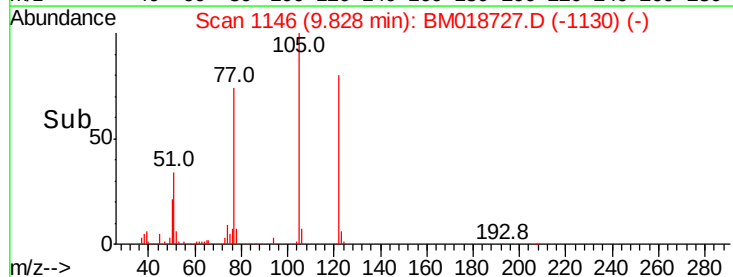
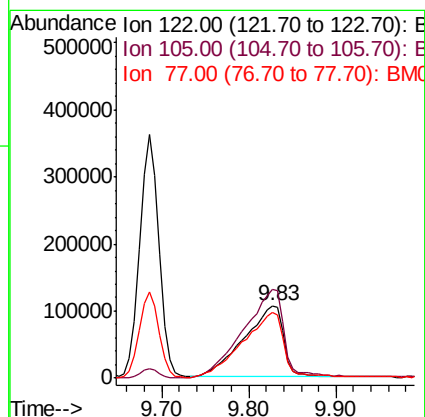
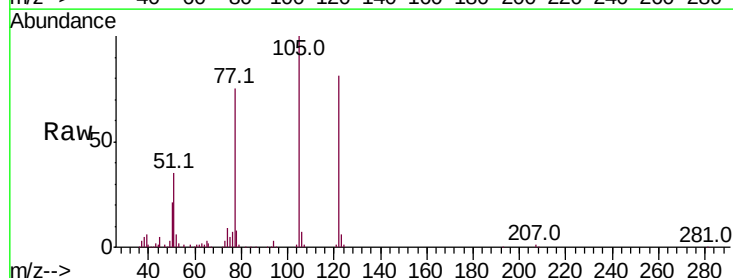
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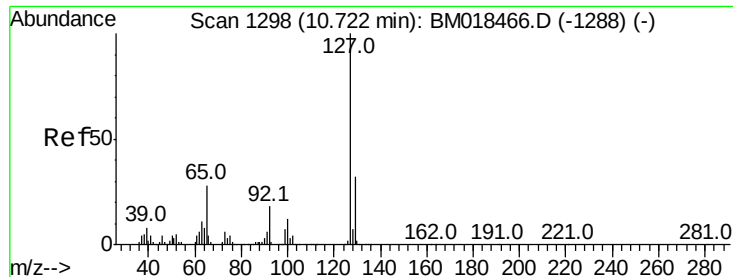
mohammad
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#32
Benzoic acid
Concen: 41.023 ng m
RT: 9.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	100.4	140.4
77	91.7	71.7	111.7





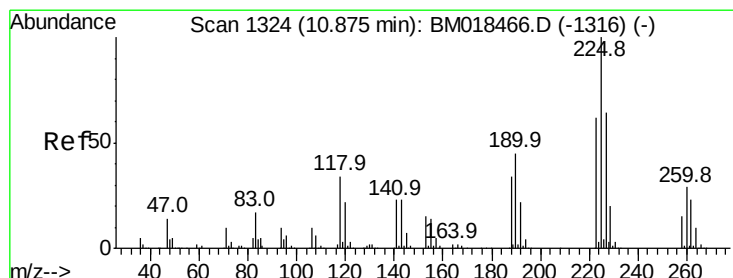
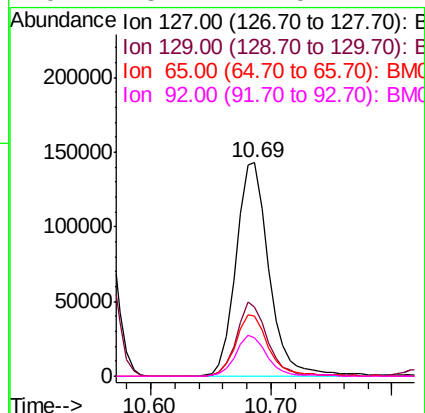
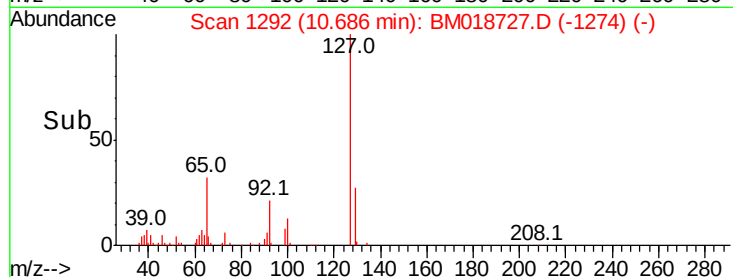
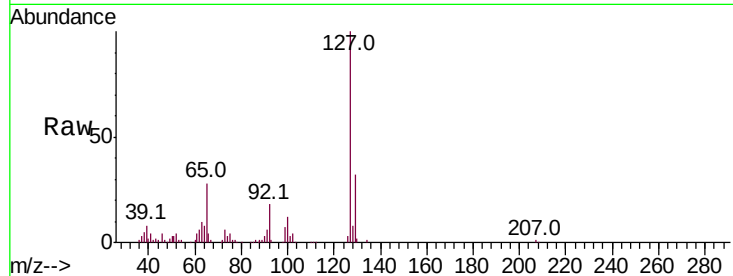
#33
4-Chloroaniline
Concen: 14.366 ng
RT: 10.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.9	38.9		
65	28.1	23.4	35.2		
92	18.2	14.5	21.7		

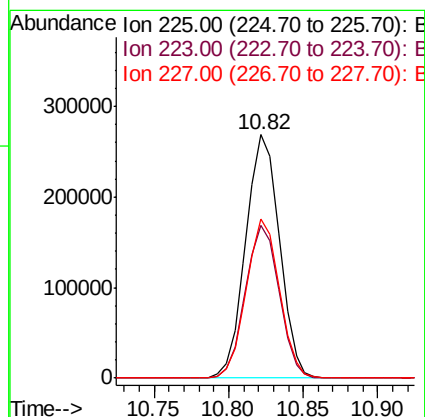
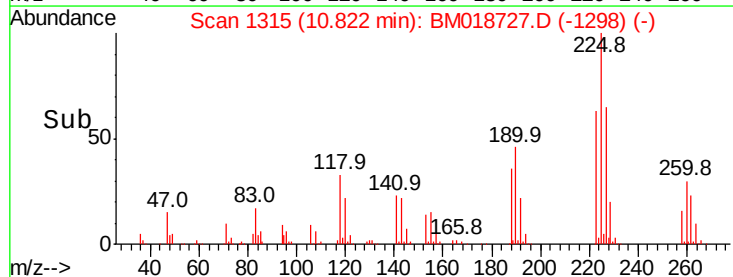
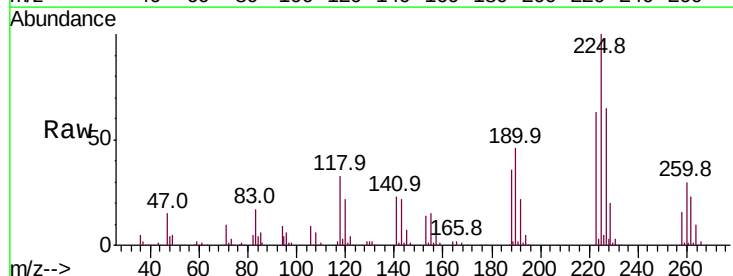
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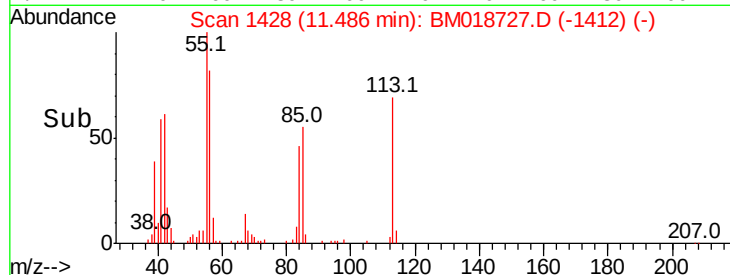
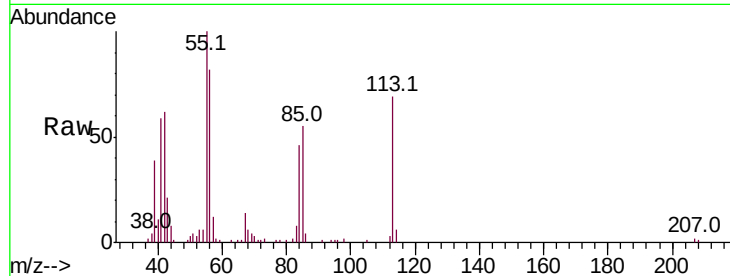
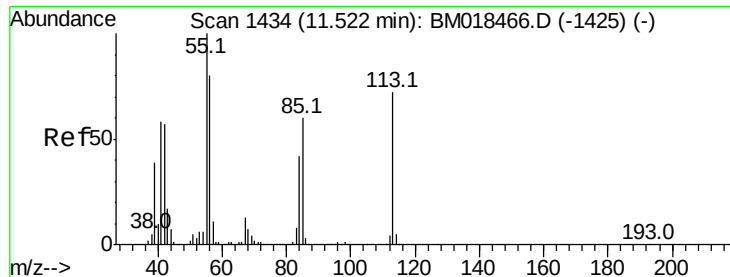
mohammad
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#34
Hexachlorobutadiene
Concen: 36.736 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.8	76.2		
227	65.2	50.4	75.6		





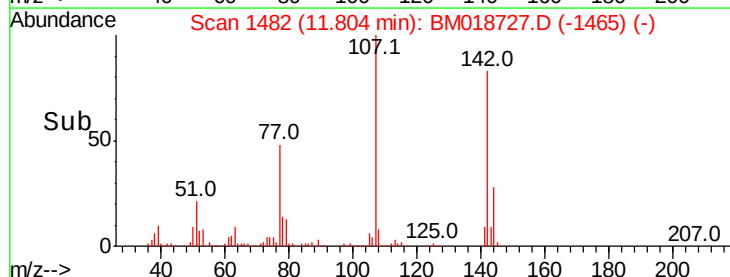
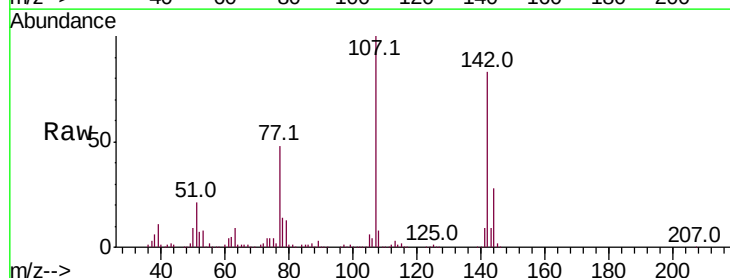
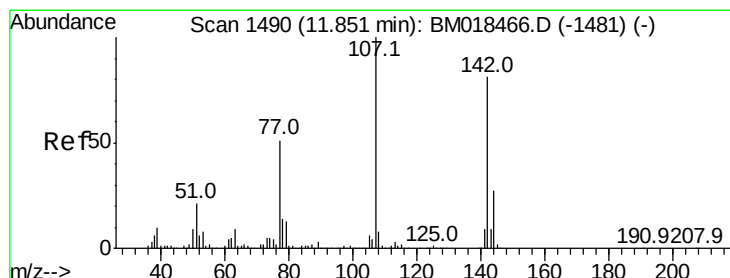
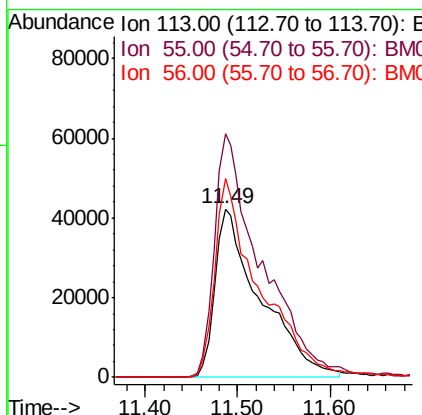
#35
Caprolactam
Concen: 28.822 ng/ml
RT: 11.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.6	139.3	179.3
56	118.0	101.4	141.4

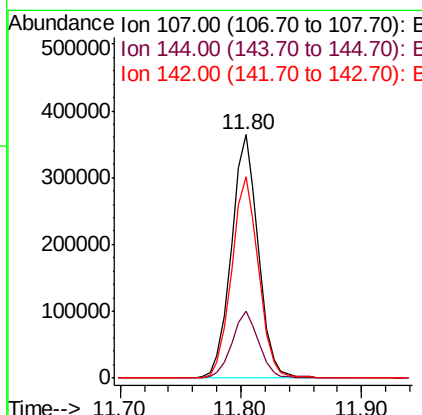
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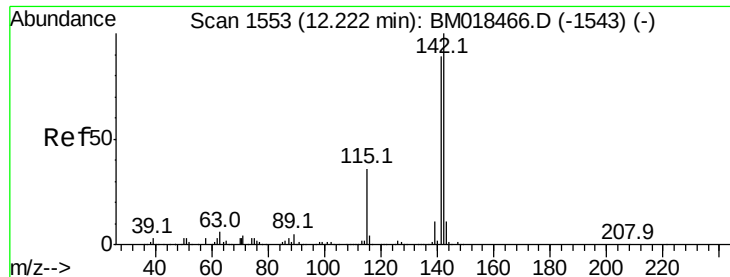
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#36
4-Chloro-3-methylphenol
Concen: 36.716 ng/ml
RT: 11.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	21.9	32.9
142	82.5	67.9	101.9





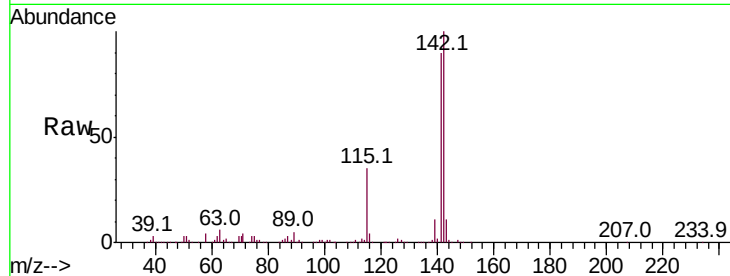
#37
2-Methylnaphthalene
Concen: 40.745 ng
RT: 12.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.2
115	34.9	28.0	42.0

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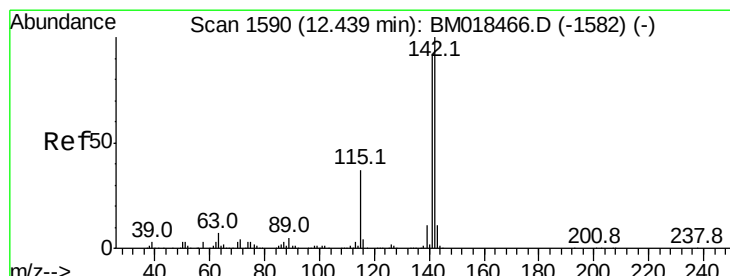
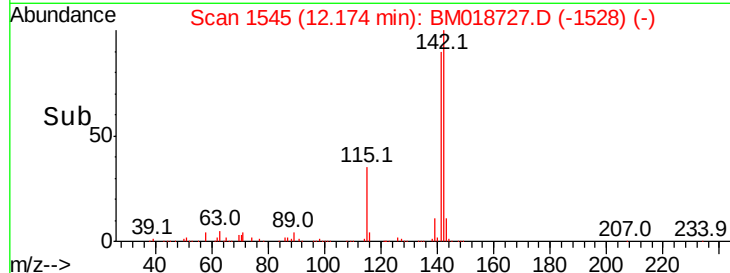
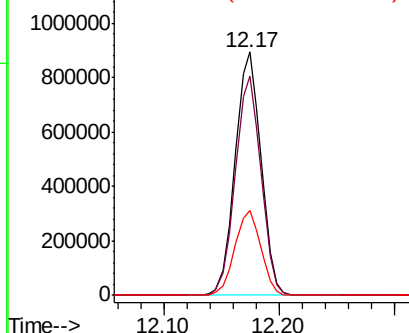


Abundance

Ion 142.00 (141.70 to 142.70): E

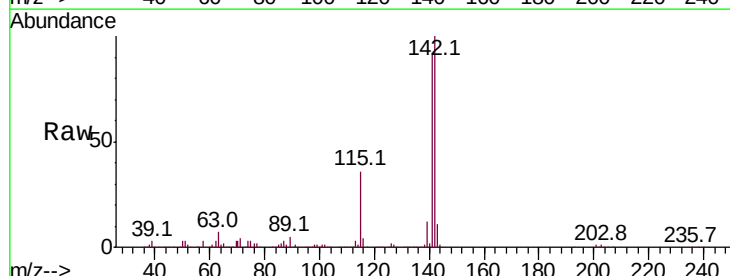
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.769 ng
RT: 12.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.6	113.4
116	3.7	3.0	4.6

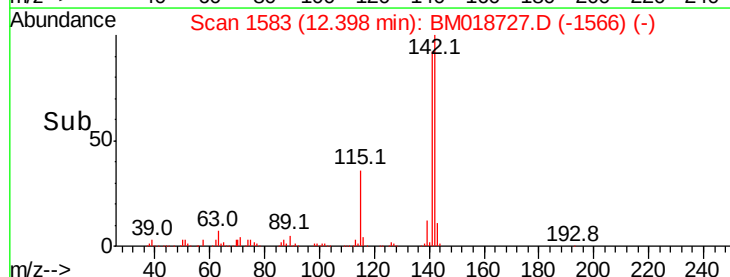
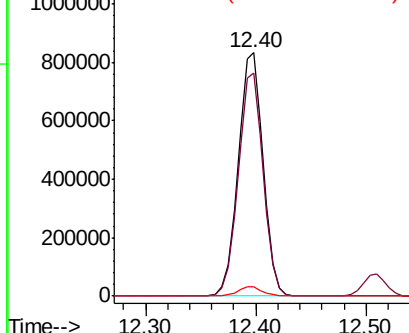


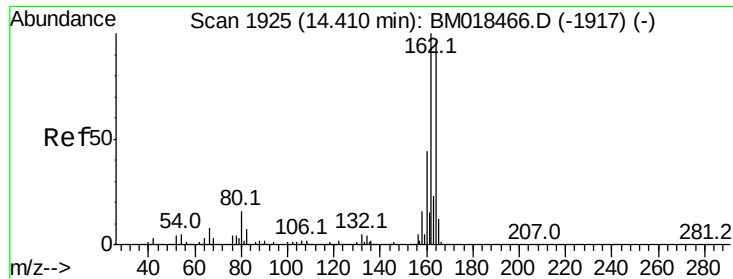
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





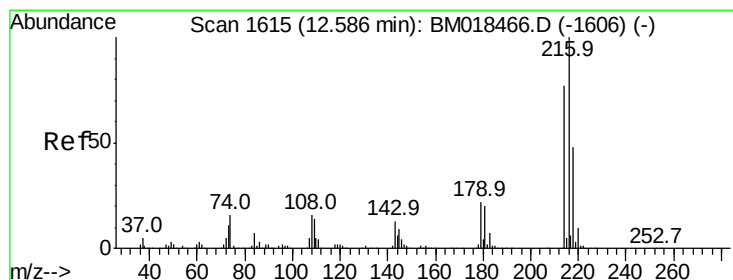
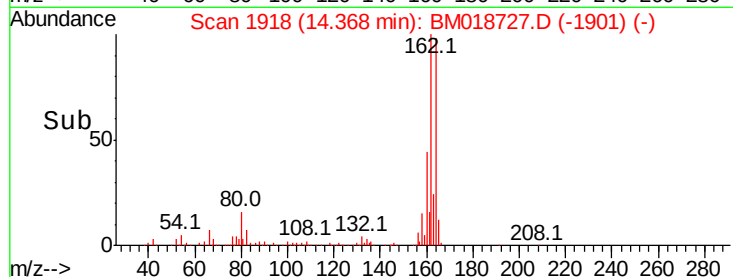
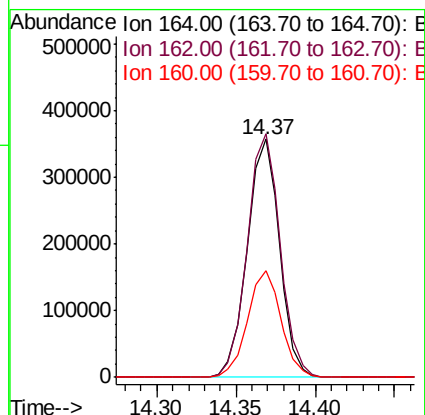
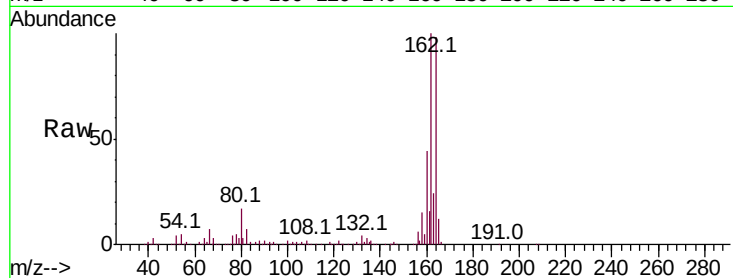
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleID :
PB116799BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	83.0	124.4	
160	45.1	37.1	55.7	

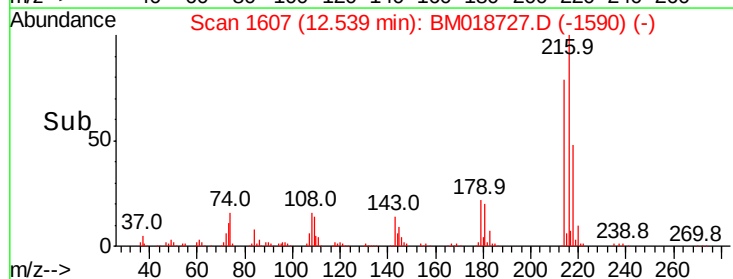
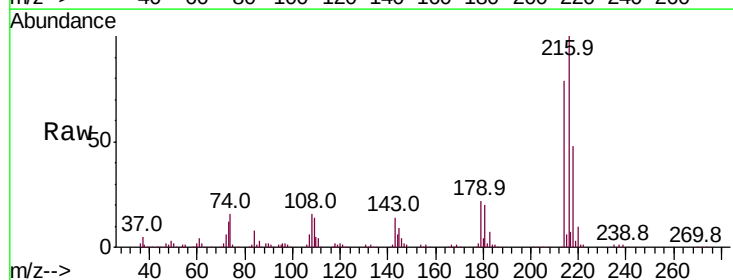
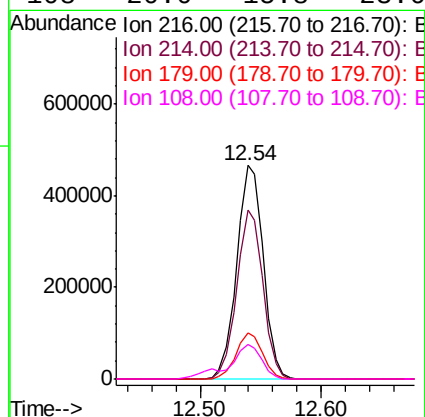
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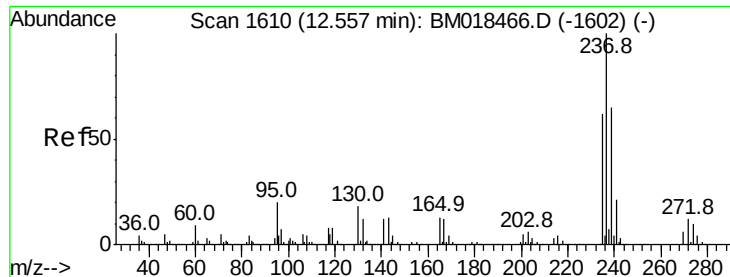
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.505 ng
RT: 12.54 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.1	63.4	95.0	
179	21.7	17.9	26.9	
108	20.0	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 93.529 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Instrument :

BNA_M

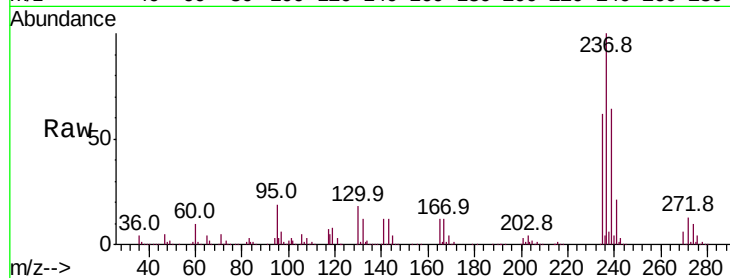
ClientSampleId :

PB116799BS

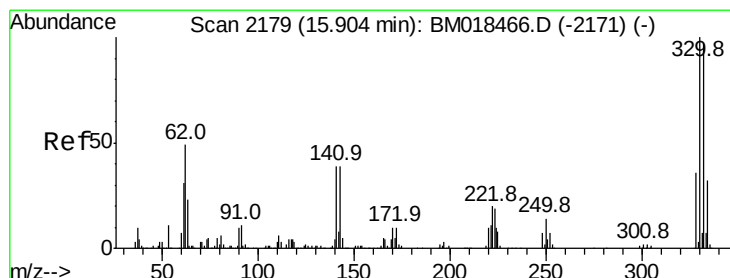
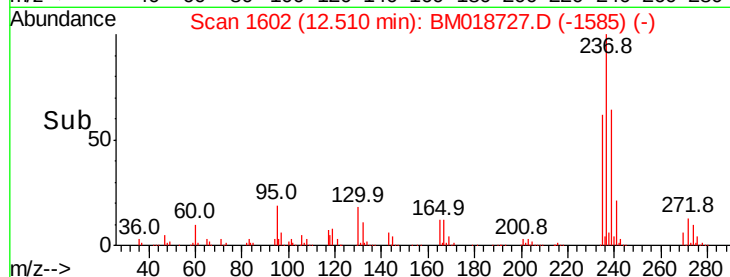
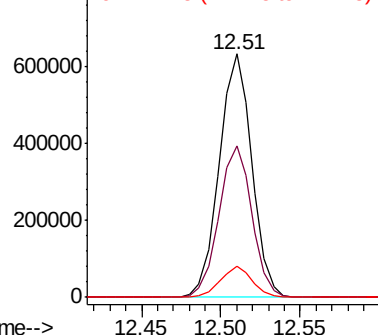
Tot Ion:	237	Resp:	903845
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.8	82.8
272	12.7	0.0	31.9

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



#42

2,4,6-Tribromophenol

Concen: 130.527 ng

RT: 15.86 min Scan# 2172

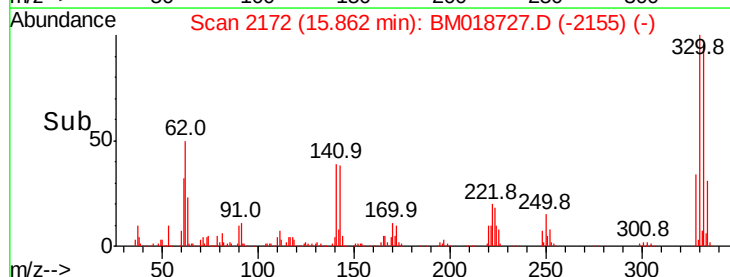
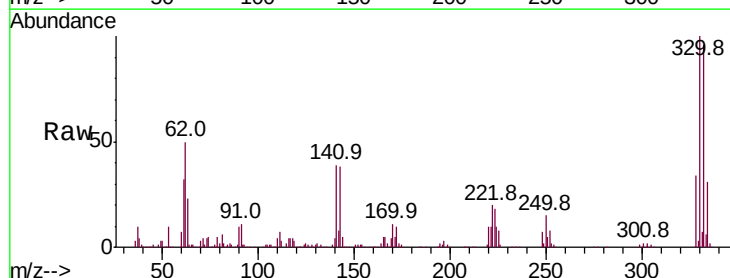
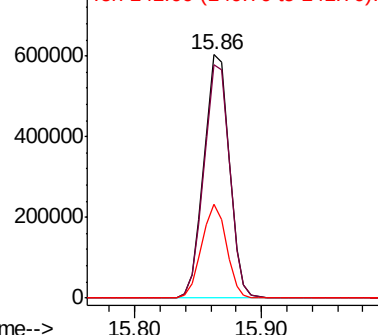
Delta R.T. 0.00 min

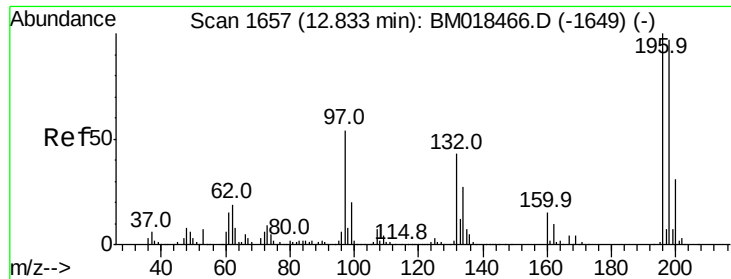
Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Tgt Ion:	330	Resp:	836840
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.6	116.4
141	37.7	31.7	47.5

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





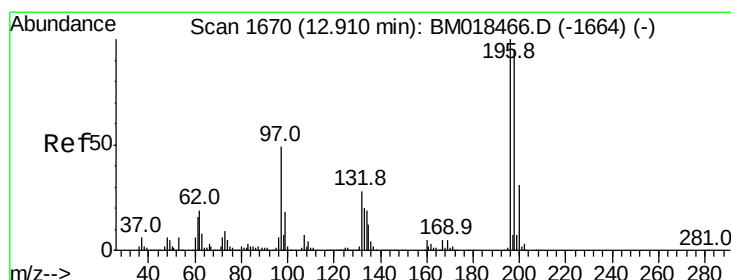
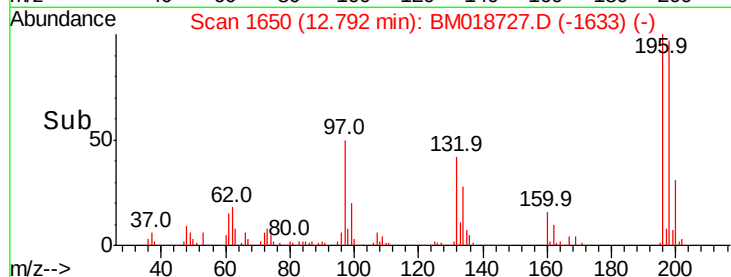
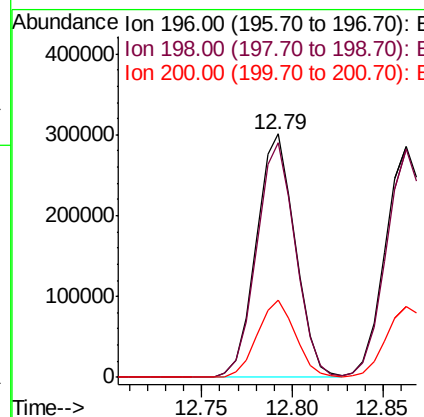
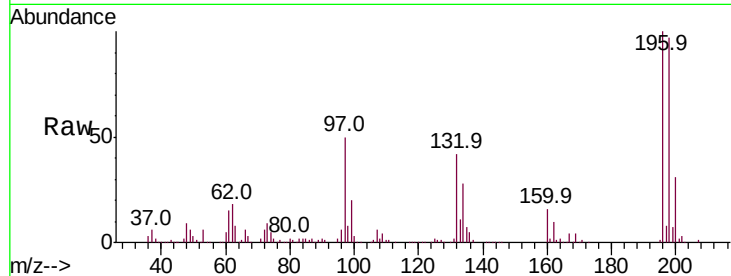
#43
 2,4,6-Trichlorophenol
 Concen: 41.829 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Instrument :
 BNA_M
 ClientSampleID :
 PB116799BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	447260		
198	96.5	76.6	115.0	
200	31.5	24.2	36.4	

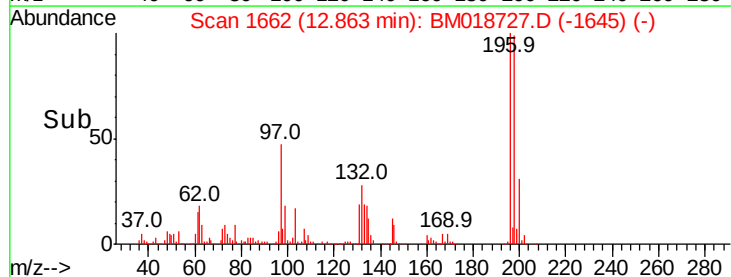
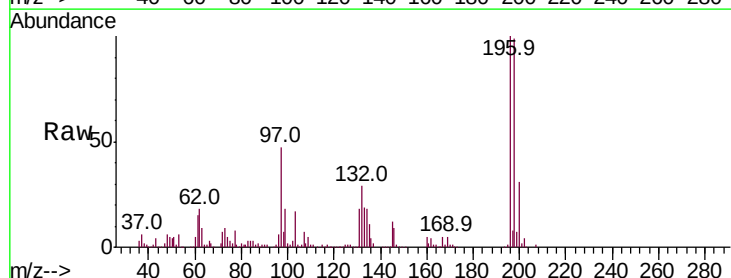
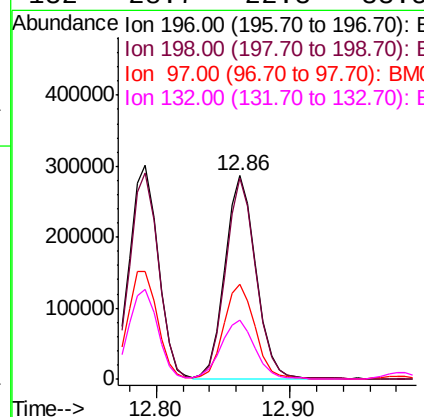
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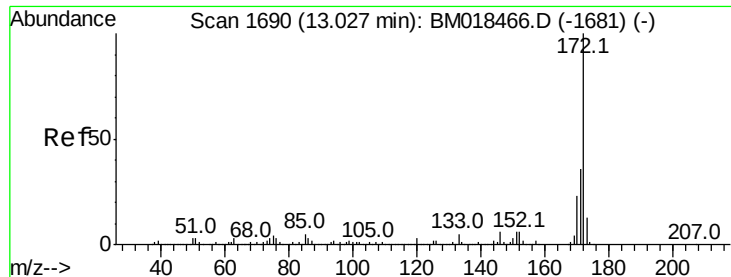
mohammad
 2/5/2019 8:41:32 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.332 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	464800		
198	98.7	76.7	115.1	
97	46.8	39.2	58.8	
132	28.7	22.3	33.5	





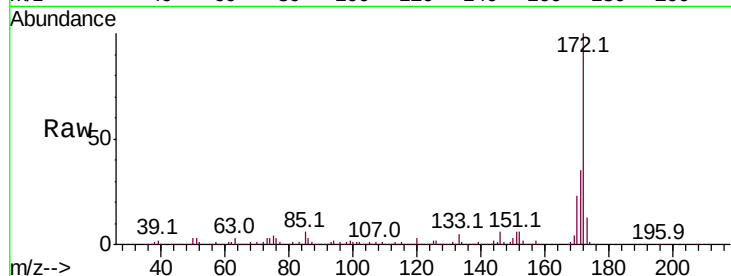
#45
2-Fluorobiphenyl
Concen: 81.541 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.2	18.9	28.3

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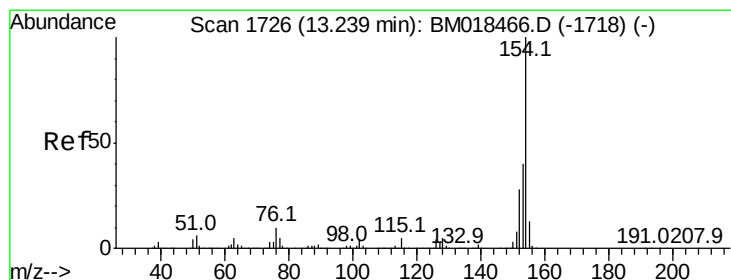
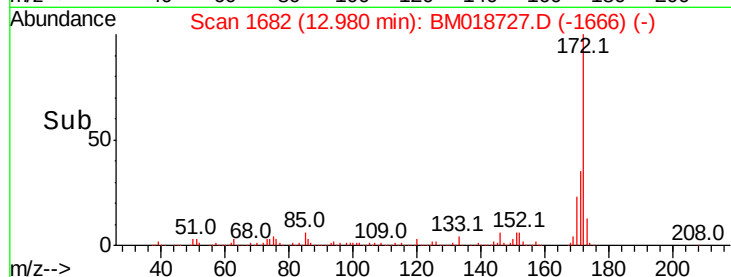
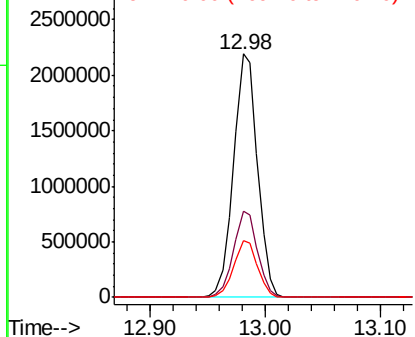


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.558 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

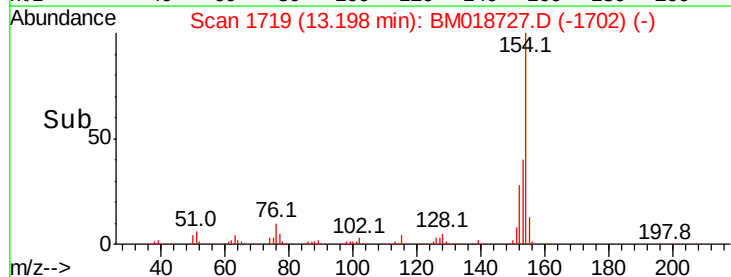
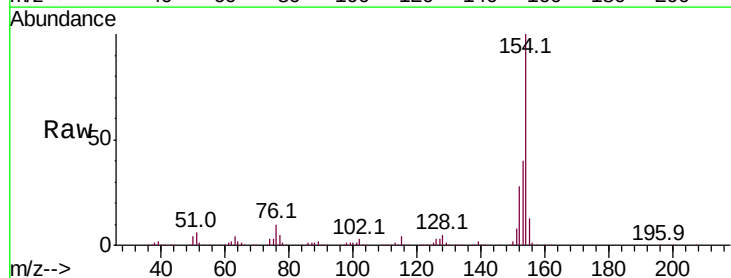
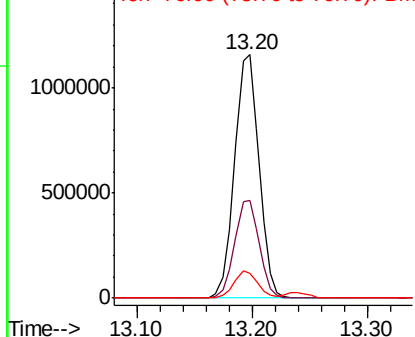
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	10.3	0.0	31.9

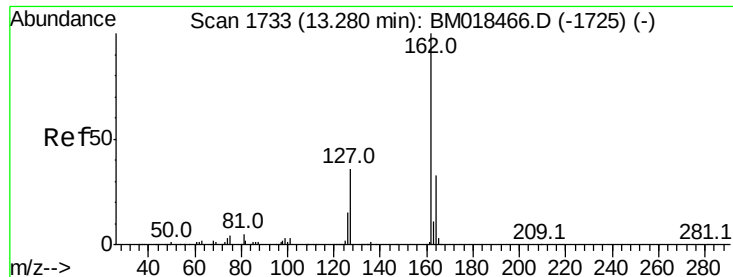
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





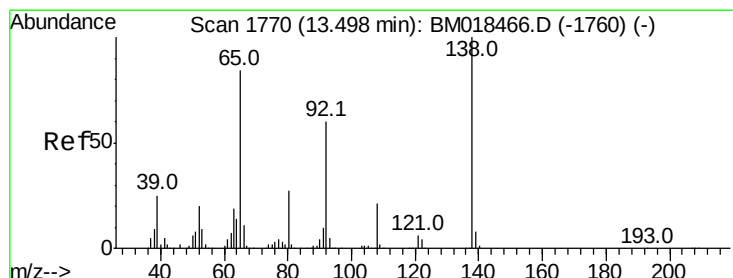
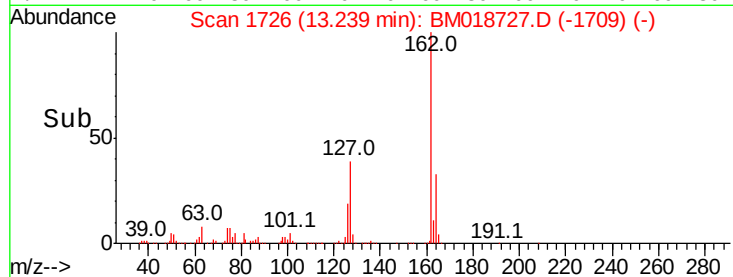
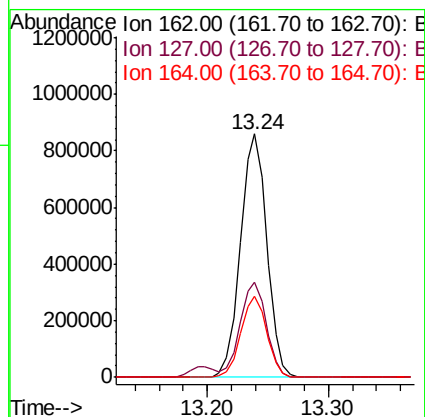
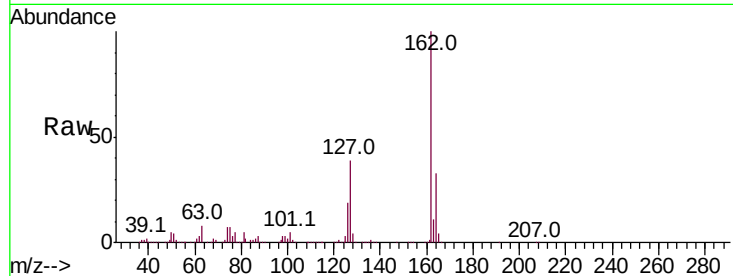
#47
 2-Chloronaphthalene
 Concen: 38.490 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 PB116799BS

Tot Ion:162	Resp: 1312247
Ion Ratio	Lower Upper
162 100	
127 39.3	31.4 47.0
164 33.3	26.2 39.4

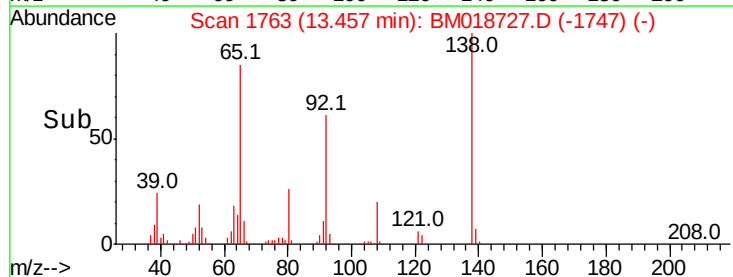
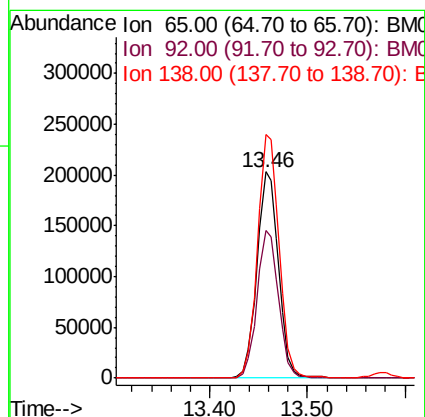
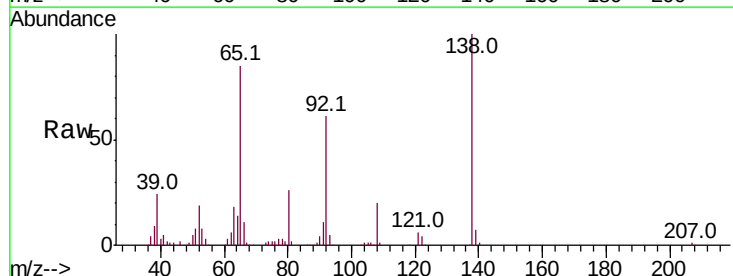
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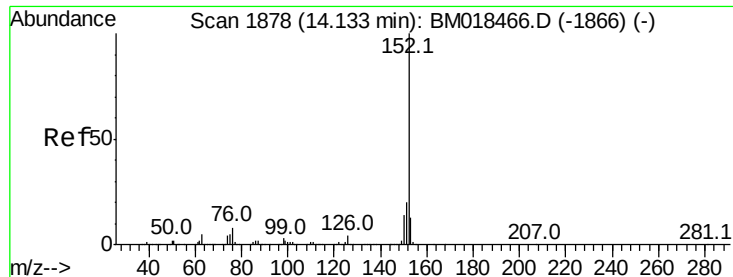
mohammad
 2/5/2019 8:41:32 AM



#48
 2-Nitroaniline
 Concen: 37.882 ng
 RT: 13.46 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Tgt	Ion: 65	Resp:	317743
Ion	Ratio	Lower	Upper
65	100		
92	71.6	53.4	80.2
138	117.9	88.9	133.3





#49

Acenaphthylene

Concen: 41.324 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Instrument :

BNA_M

ClientSampleId :

PB116799BS

Tot Ion:152 Resp: 2053138

Ion Ratio Lower Upper

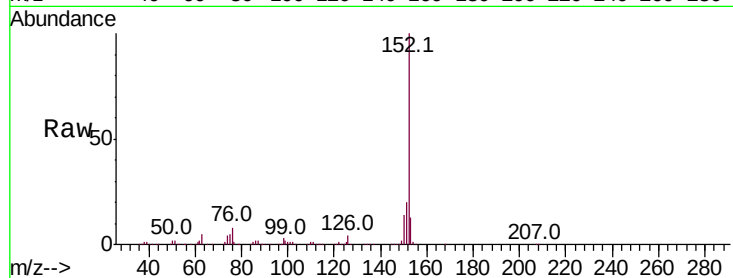
152 100

151 19.9 15.7 23.5

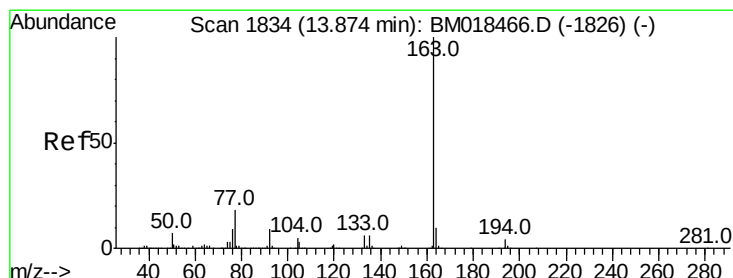
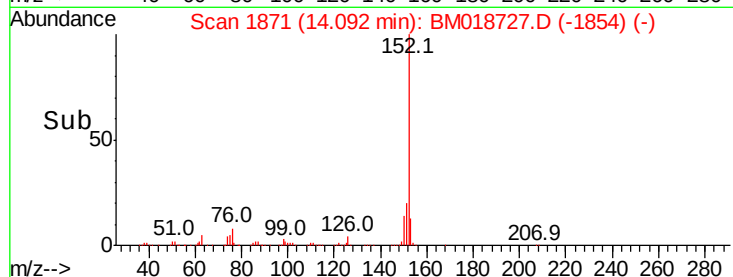
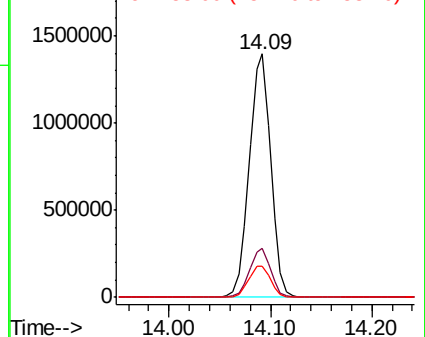
153 12.8 10.5 15.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.652 ng

RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

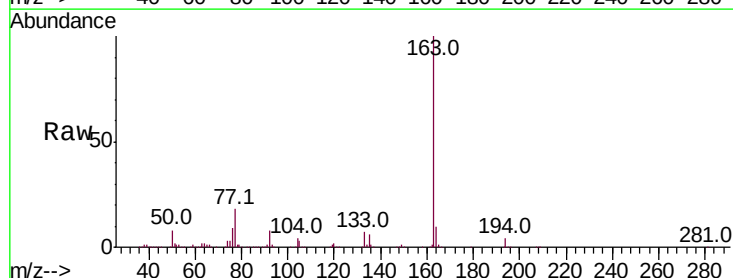
Tgt Ion:163 Resp: 1515654

Ion Ratio Lower Upper

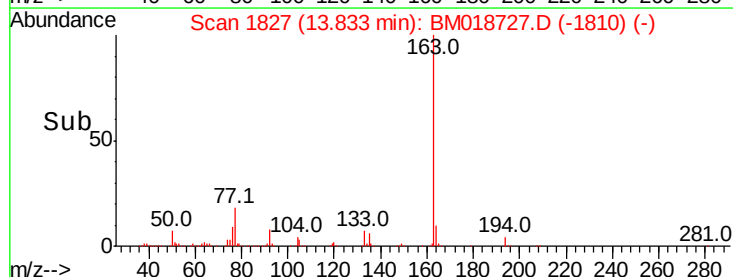
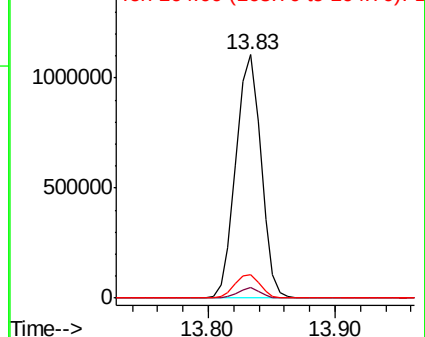
163 100

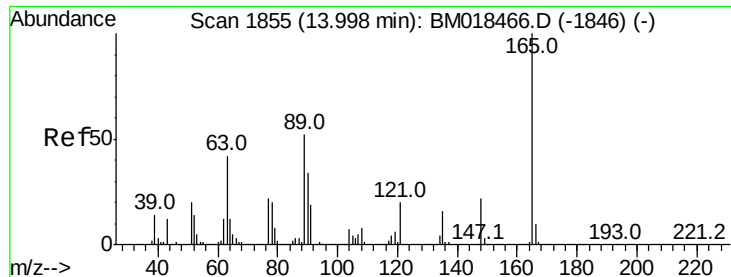
194 4.1 3.0 4.6

164 9.9 7.8 11.8



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





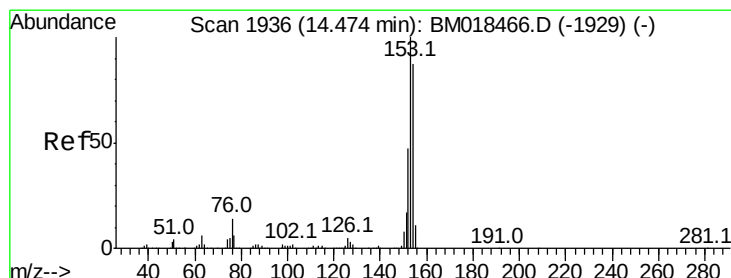
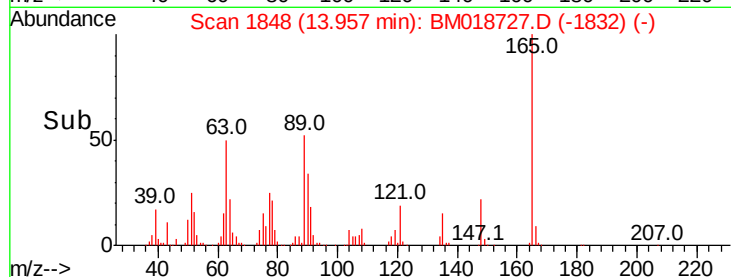
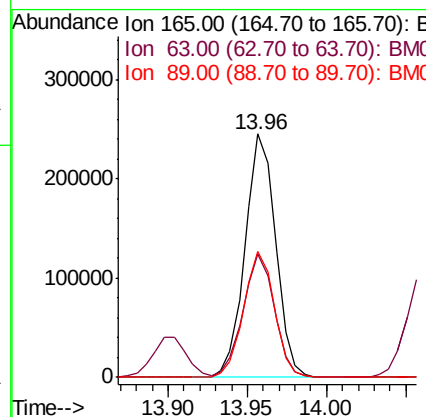
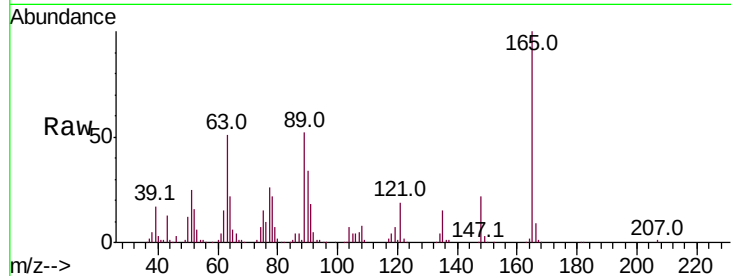
#51
2,6-Dinitrotoluene
Concen: 37.542 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	328852		
63	50.7		45.6	68.4
89	51.7		44.6	66.8

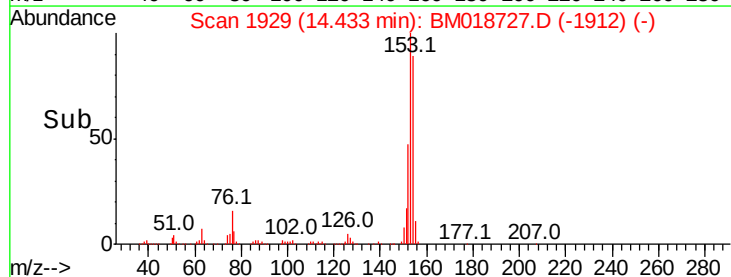
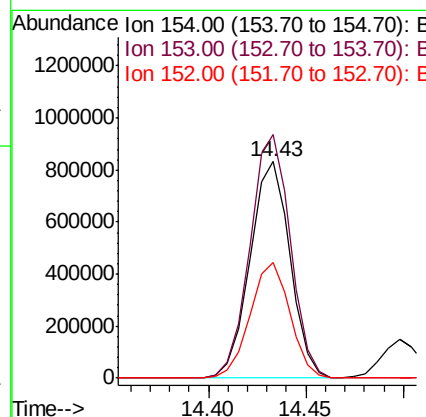
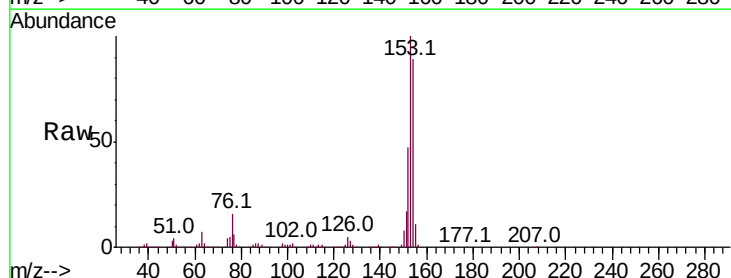
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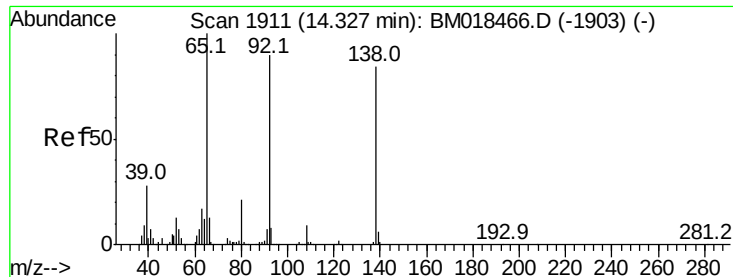
mohammad
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#52
Acenaphthene
Concen: 38.806 ng
RT: 14.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1179705		
153	112.5		92.3	138.5
152	53.3		43.8	65.6





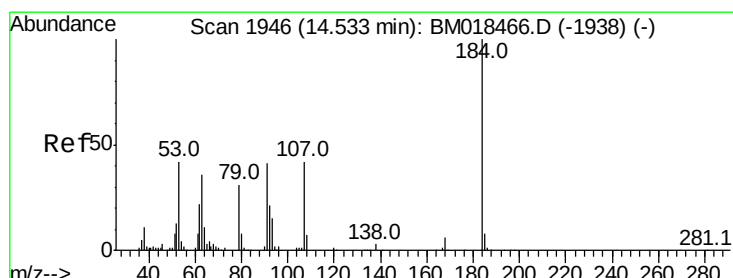
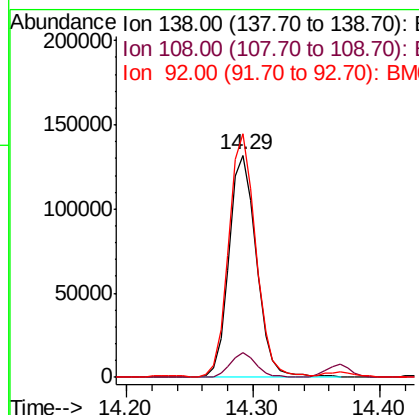
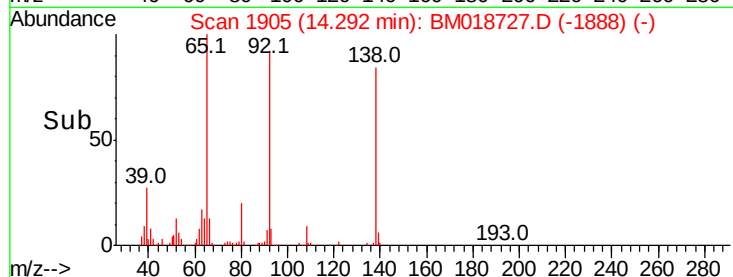
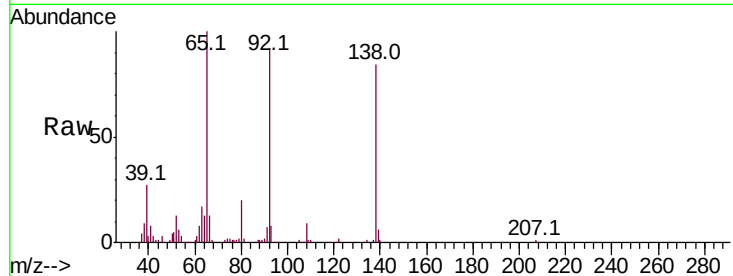
#53
3-Nitroaniline
Concen: 22.430 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	198078		
108	10.9		9.1	13.7
92	109.4		88.2	132.2

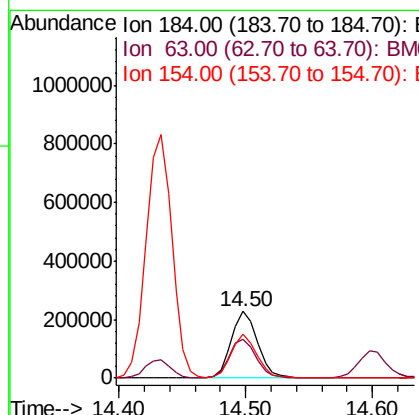
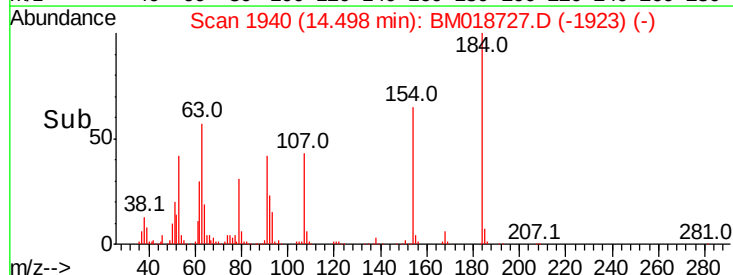
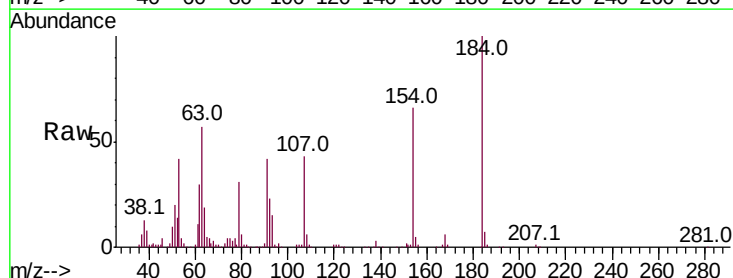
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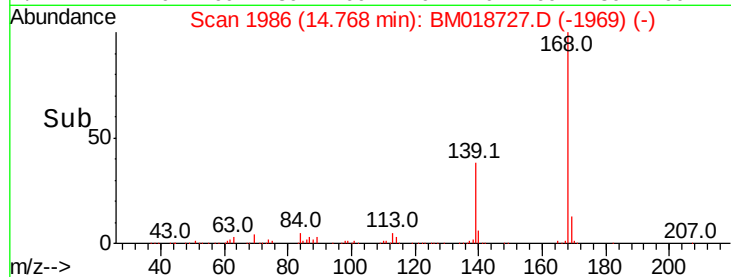
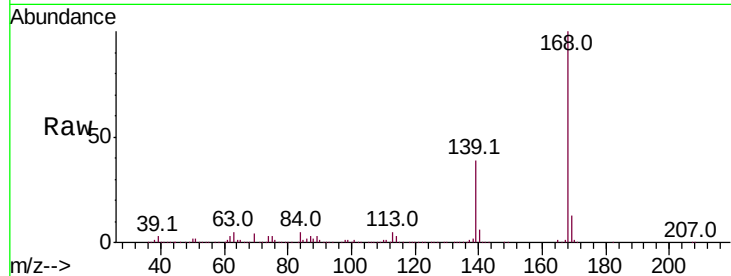
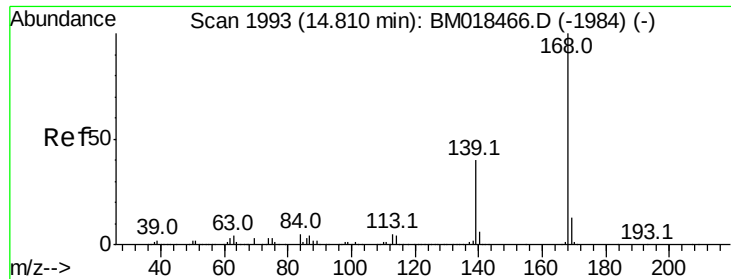
mohammad
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#54
2,4-Dinitrophenol
Concen: 70.400 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	329332		
63	57.4		55.9	83.9
154	65.5		54.2	81.4





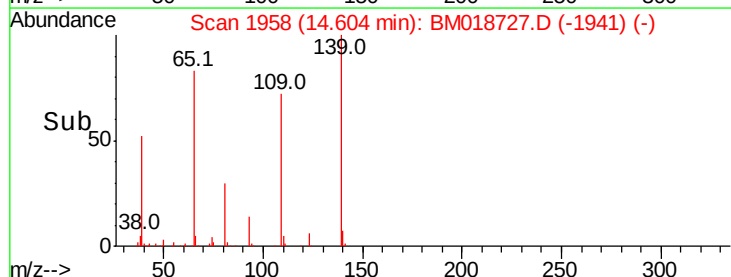
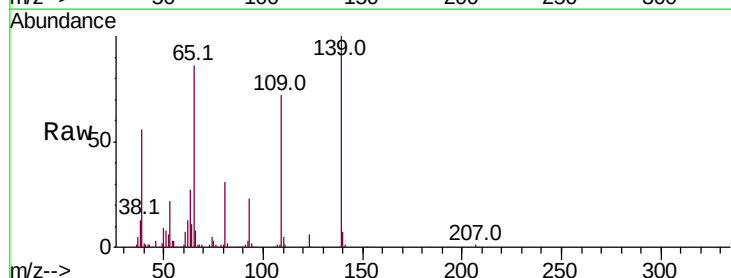
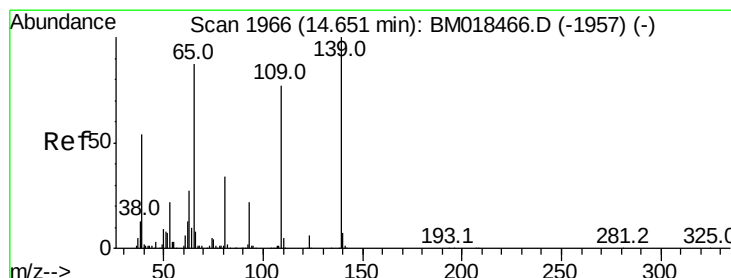
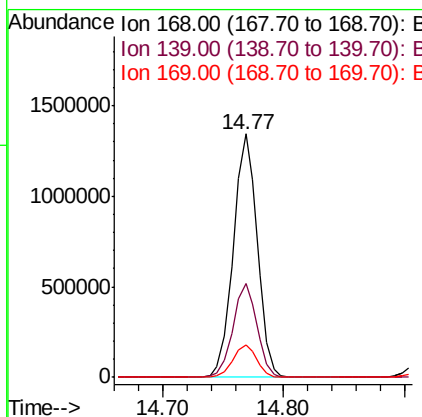
#55
Dibenzofuran
Concen: 36.978 ng
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion:168 Resp: 1857387
Ion Ratio Lower Upper
168 100
139 38.6 30.3 45.5
169 13.3 10.6 16.0

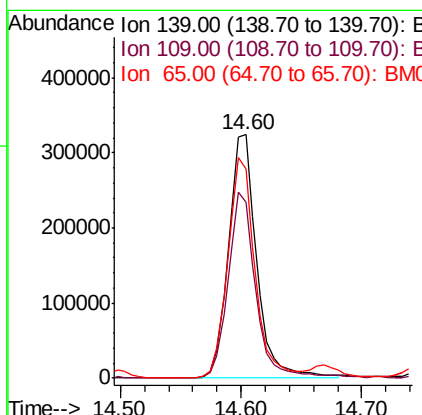
Manual Integrations
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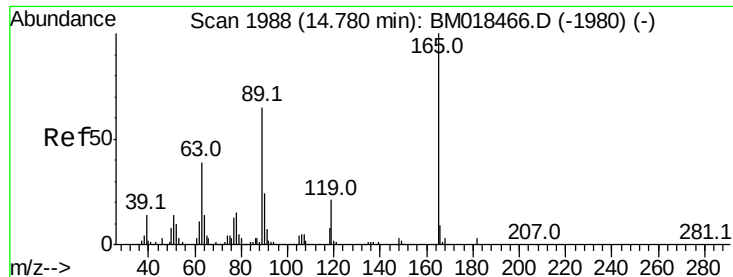
mohammad
2/5/2019 8:41:32 AM



#56
4-Nitrophenol
Concen: 69.411 ng
RT: 14.60 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion:139 Resp: 529546
Ion Ratio Lower Upper
139 100
109 72.0 51.7 91.7
65 86.0 71.4 111.4





#57

2,4-Dinitrotoluene

Concen: 35.321 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Instrument :

BNA_M

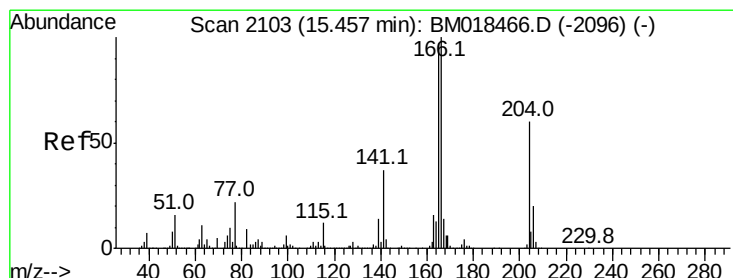
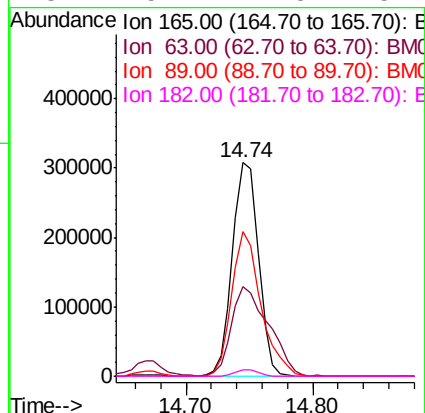
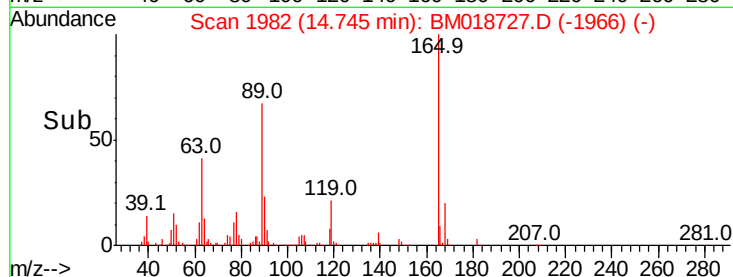
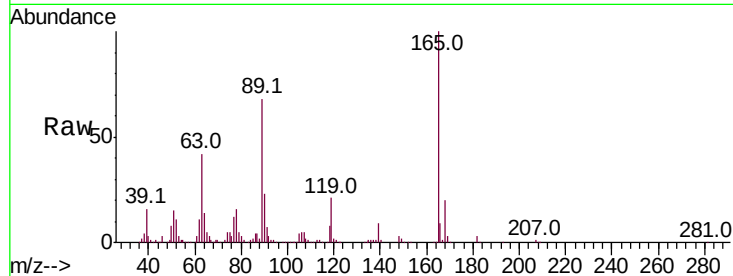
ClientSampleId :

PB116799BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	437763		
63	42.2		32.2	48.2
89	67.5		52.1	78.1
182	3.1		2.5	3.7

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#58

Fluorene

Concen: 39.422 ng

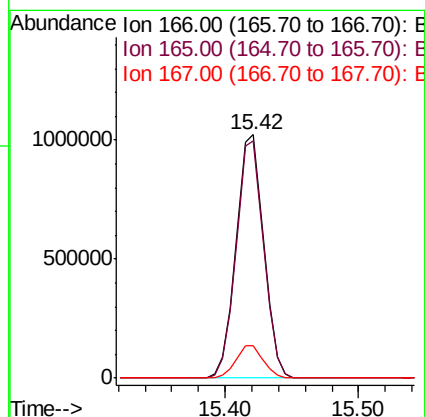
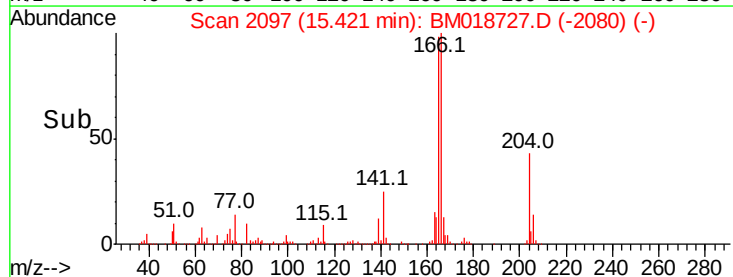
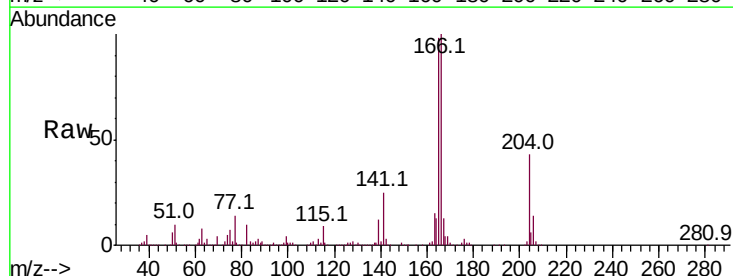
RT: 15.42 min Scan# 2097

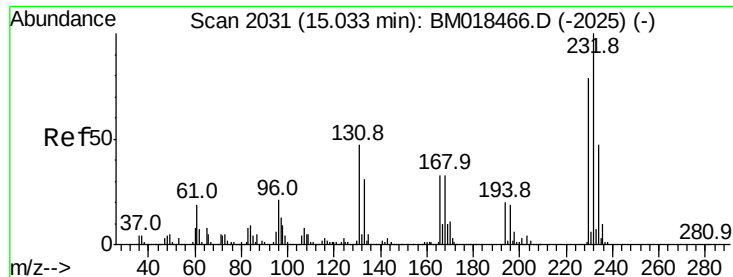
Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1475062		
165	97.7		78.3	117.5
167	13.2		10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.820 ng

RT: 15.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Instrument :

BNA_M

ClientSampleId :

PB116799BS

Tot Ion:232 Resp: 396919
Ion Ratio Lower Upper

232 100

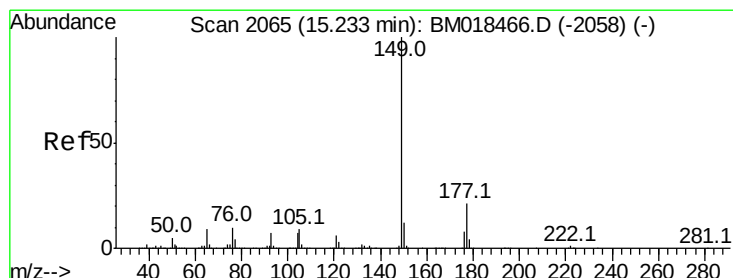
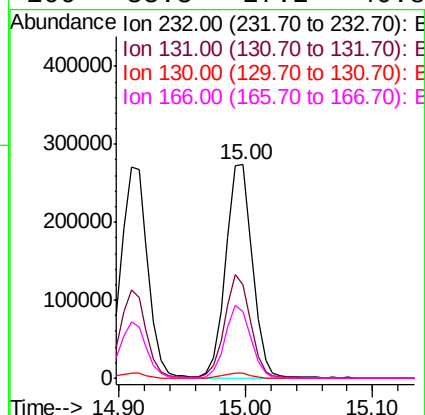
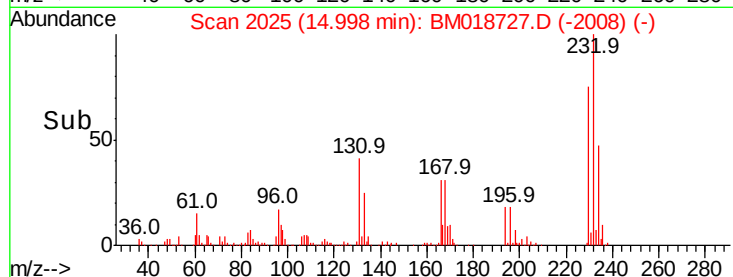
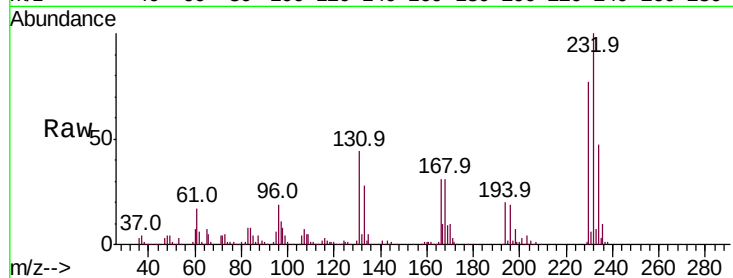
131 47.3 38.6 57.8

130 2.5 2.2 3.4

166 33.3 27.2 40.8

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#60

Diethylphthalate

Concen: 35.625 ng

RT: 15.20 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BM018727.D

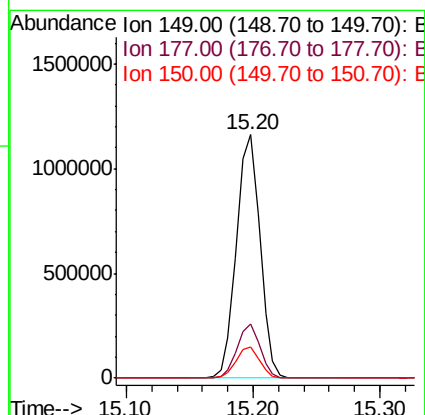
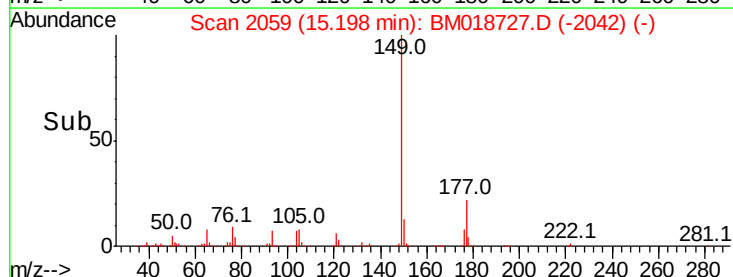
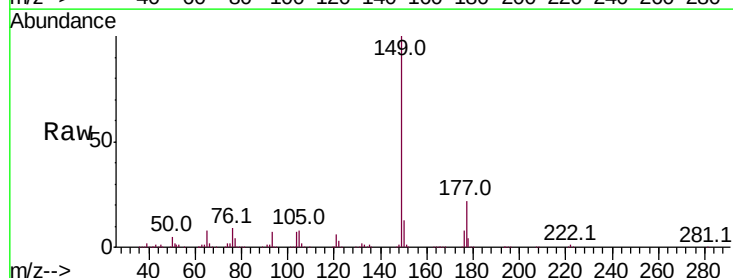
Acq: 04 Feb 2019 20:13

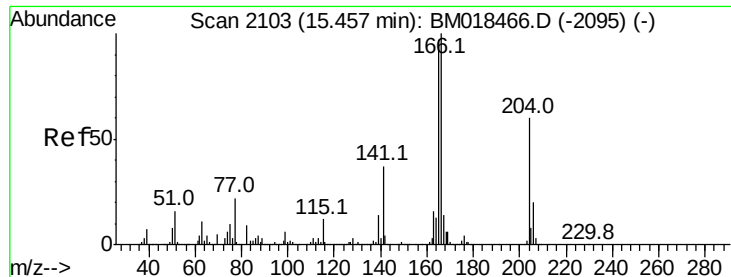
Tgt Ion:149 Resp: 1487215
Ion Ratio Lower Upper

149 100

177 22.1 17.1 25.7

150 12.6 9.8 14.6





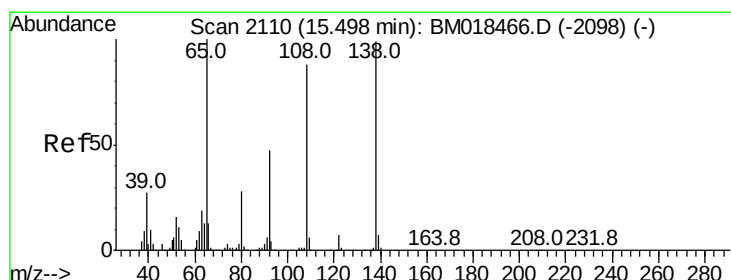
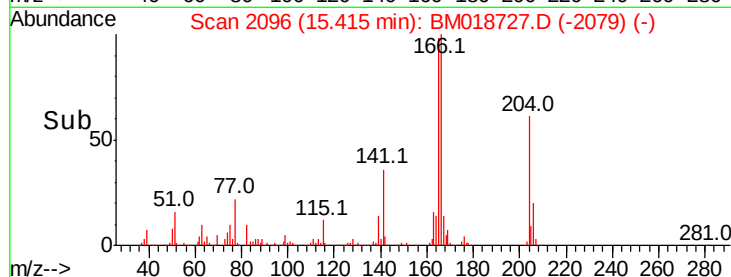
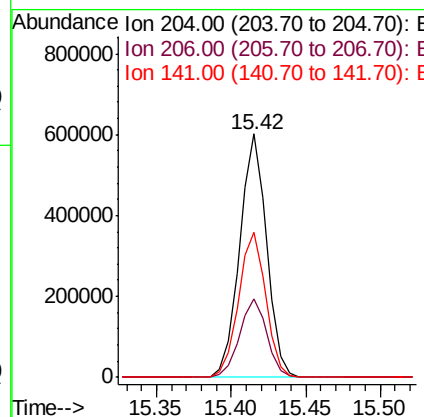
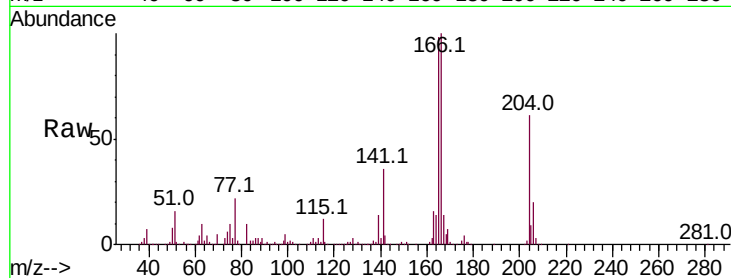
#61
4-Chlorophenyl-phenylether
Concen: 35.053 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.6
141	59.4	49.5	74.3

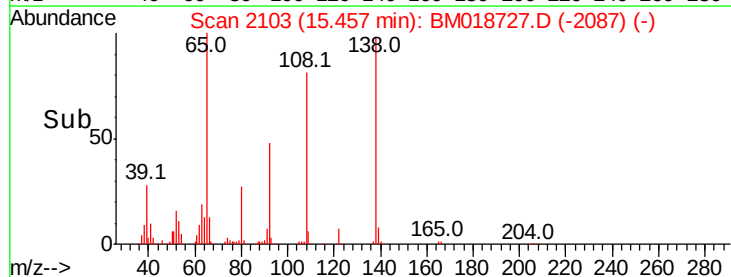
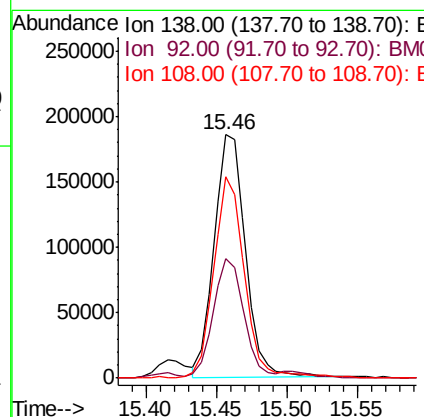
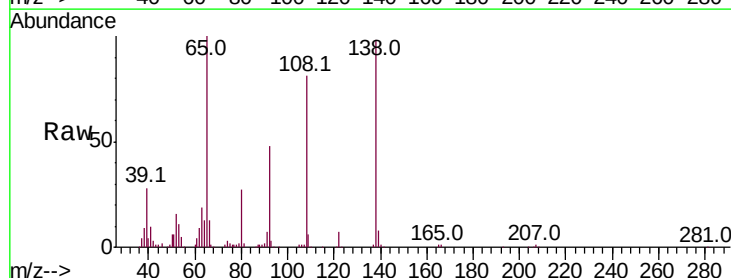
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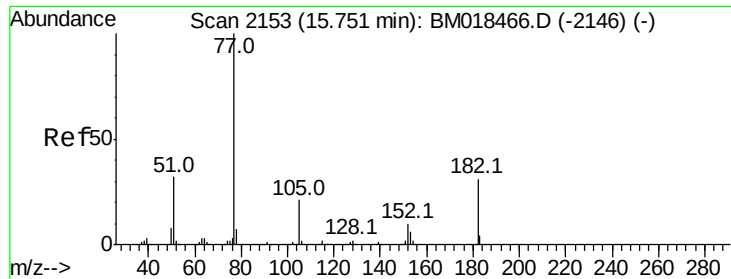
mohammad
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#62
4-Nitroaniline
Concen: 29.526 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.0	69.0
108	82.6	63.9	103.9





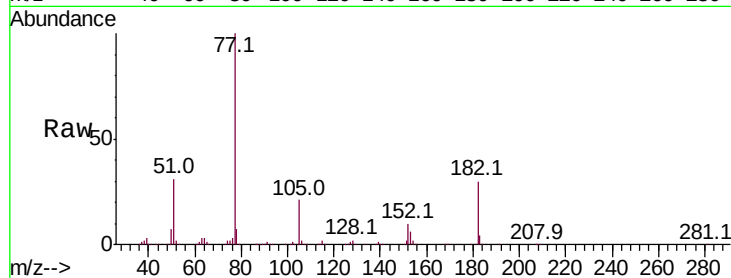
#63
Azobenzene
Concen: 36.448 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.2	7.4	47.4
105	21.4	0.0	39.6
51	30.9	12.0	52.0

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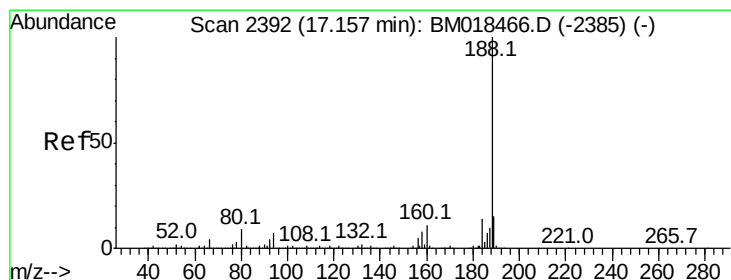
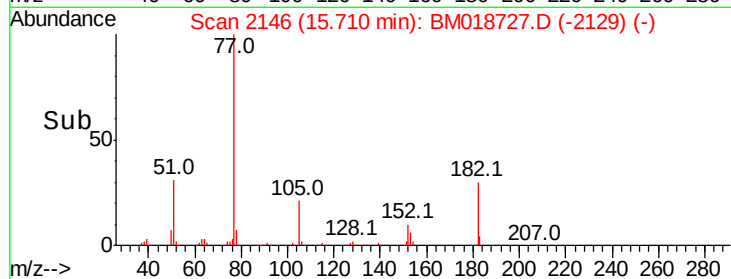
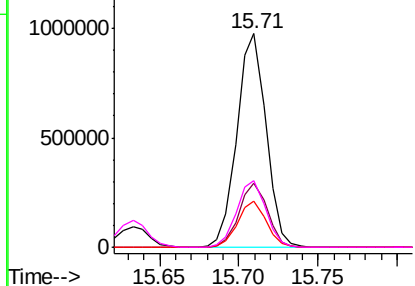


Abundance Ion 77.00 (76.70 to 77.70): BM018727.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018727.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018727.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018727.D (-2146) (-)



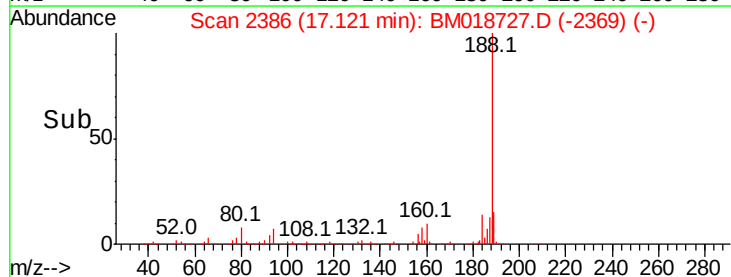
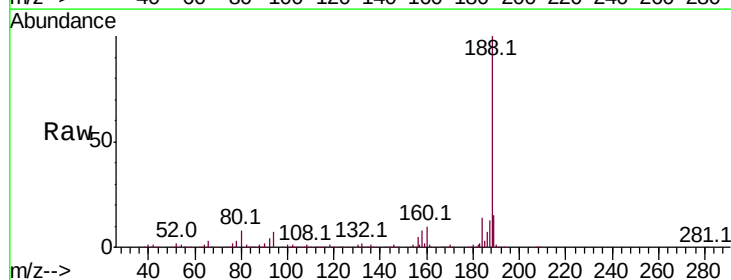
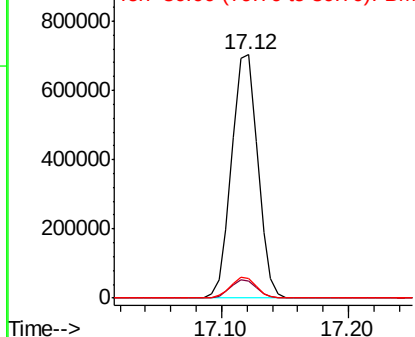
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

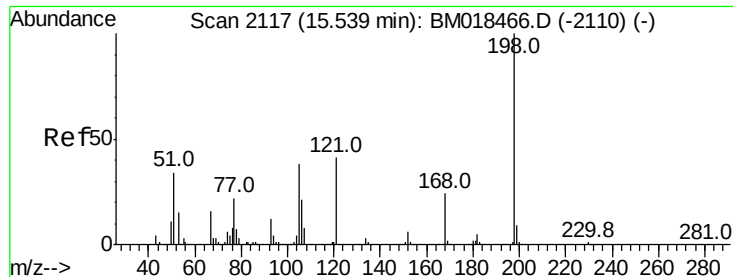
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.1	10.7#
80	8.0	7.6	11.4

Abundance Ion 188.00 (187.70 to 188.70): BM018727.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM018727.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM018727.D (-2369) (-)





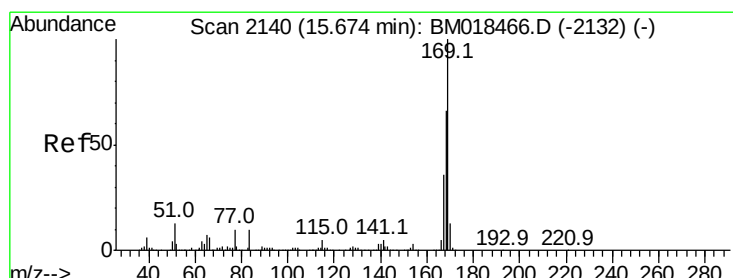
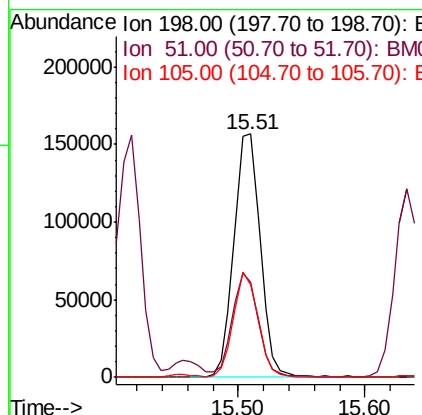
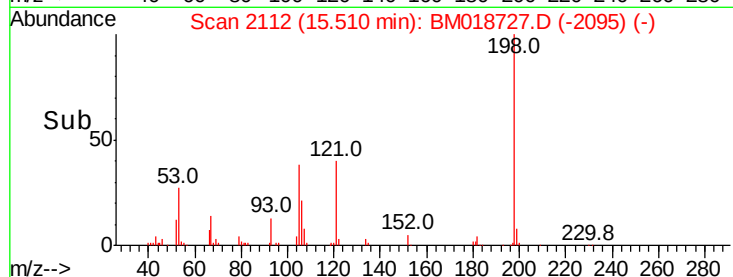
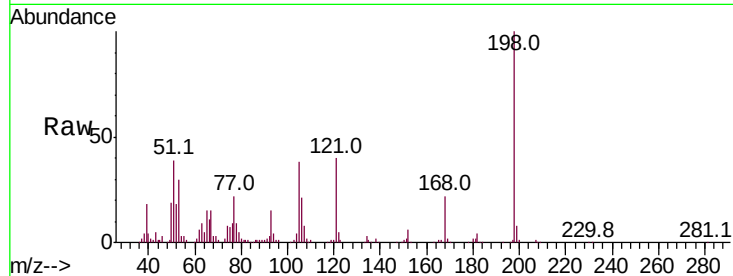
#65
4,6-Dinitro-2-methylphenol
Concen: 36.718 ng
RT: 15.51 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	225493		
51	39.1	29.6	69.6	
105	38.2	25.5	65.5	

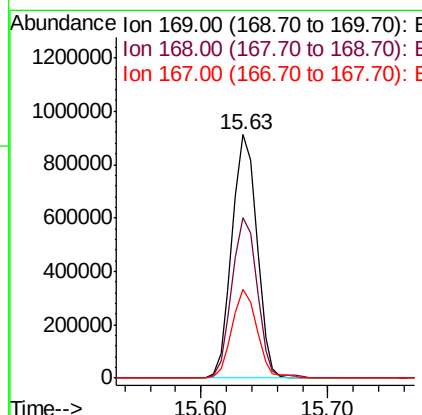
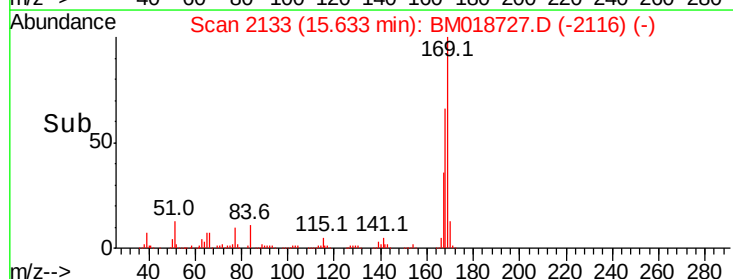
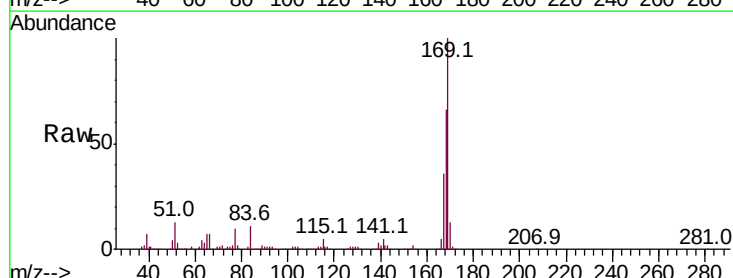
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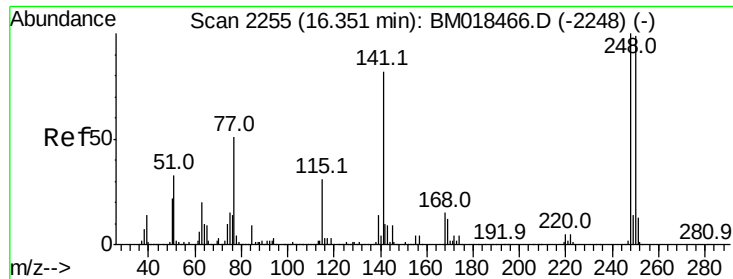
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.909 ng
RT: 15.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1241041		
168	66.1	54.1	81.1	
167	36.3	28.6	42.8	





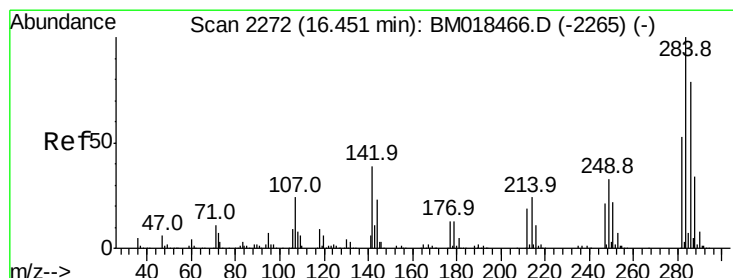
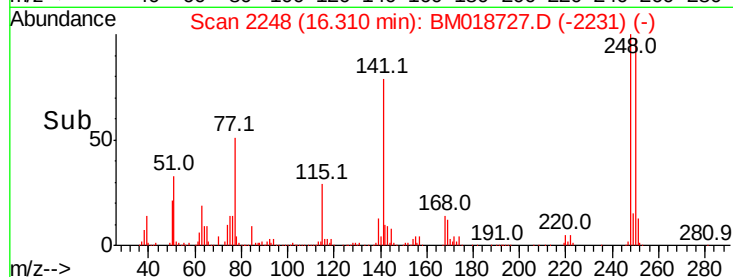
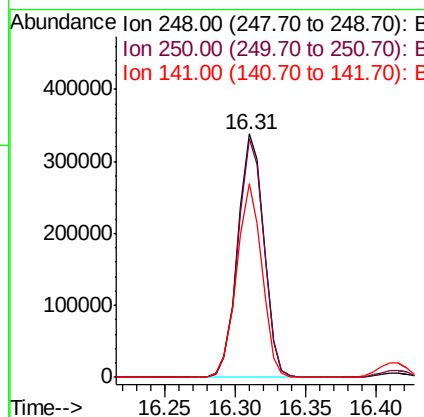
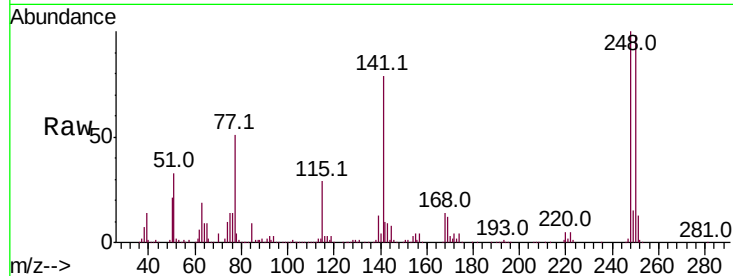
#67
4-Bromophenyl-phenylether
Concen: 38.861 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.0	114.0
141	79.5	61.5	92.3

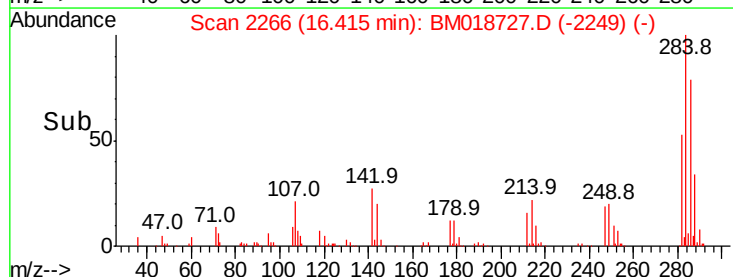
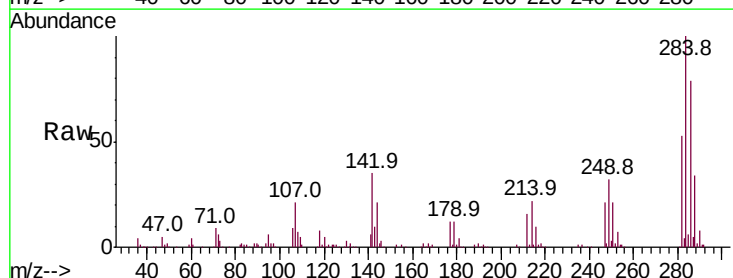
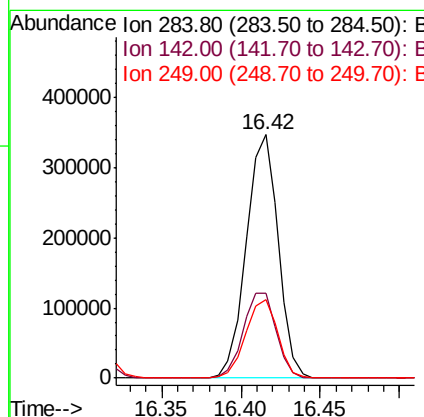
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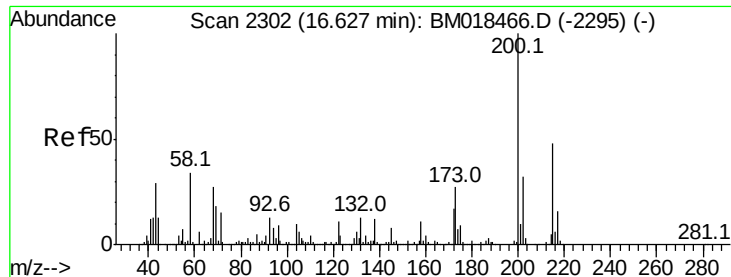
mohammad
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#68
Hexachlorobenzene
Concen: 38.529 ng
RT: 16.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	29.2	43.8
249	32.1	26.1	39.1





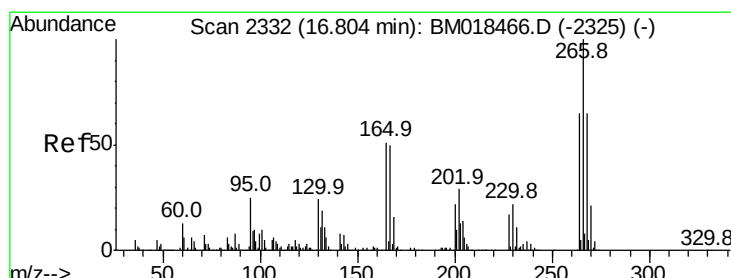
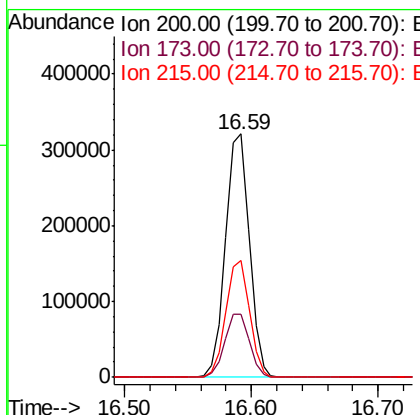
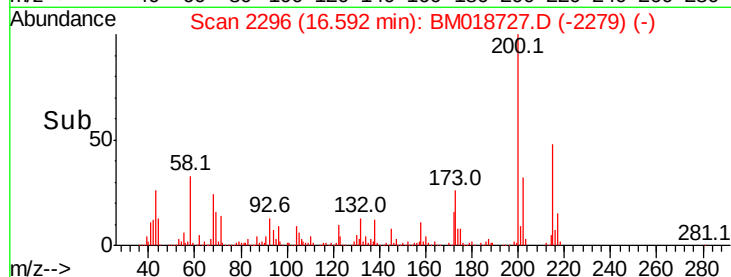
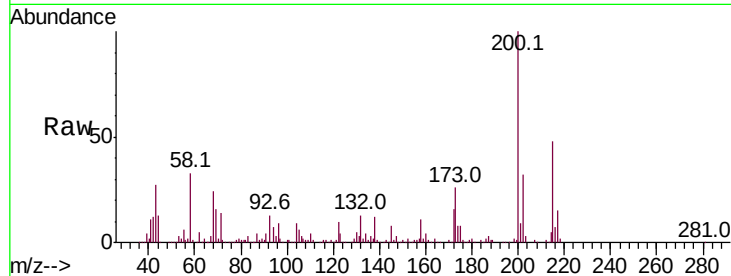
#69
Atrazine
Concen: 37.370 ng
RT: 16.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	7.2	47.2
215	48.2	28.3	68.3

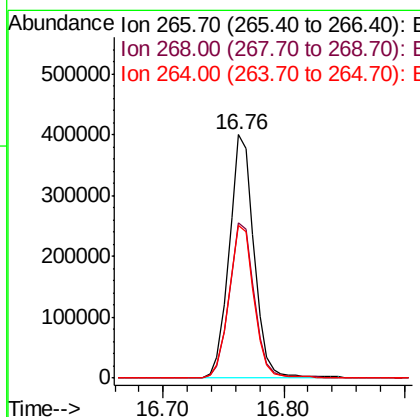
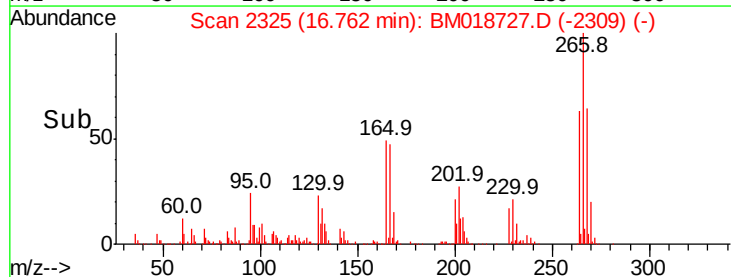
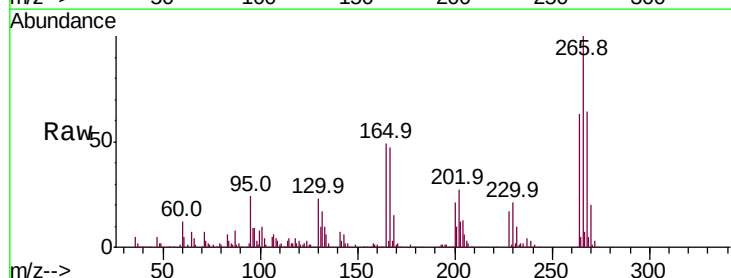
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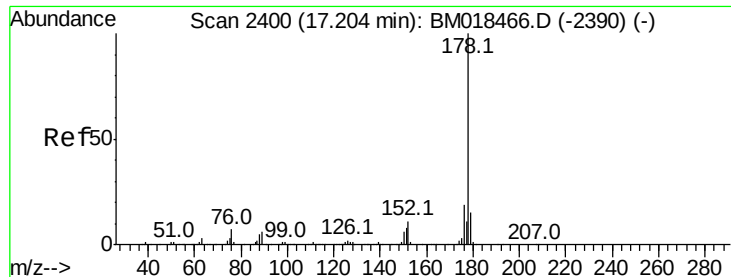
mohammad
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#70
Pentachlorophenol
Concen: 69.696 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	49.8	74.6
264	62.8	50.1	75.1





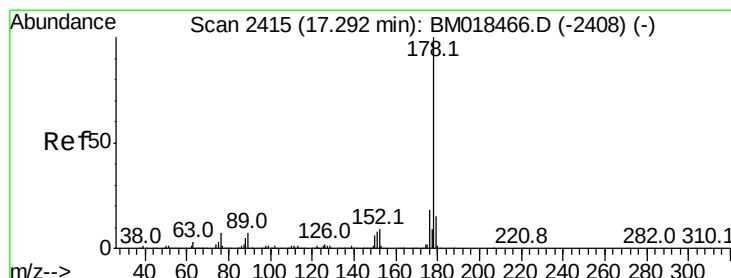
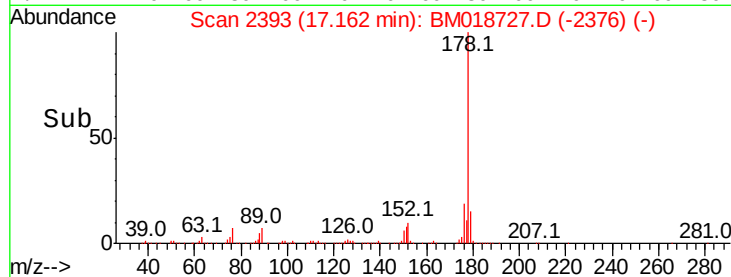
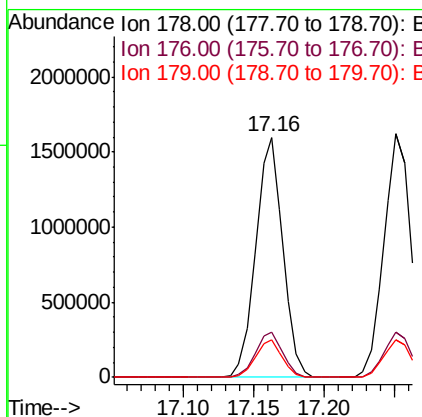
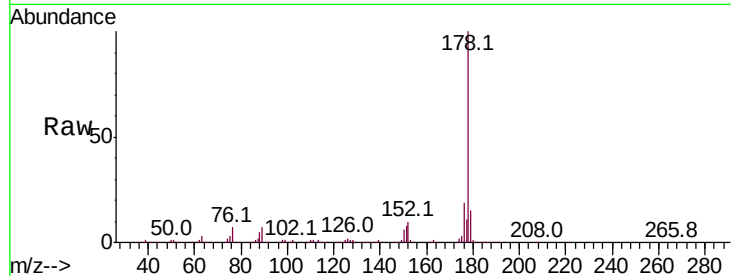
#71
Phenanthrene
Concen: 40.420 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.5	12.2	18.4

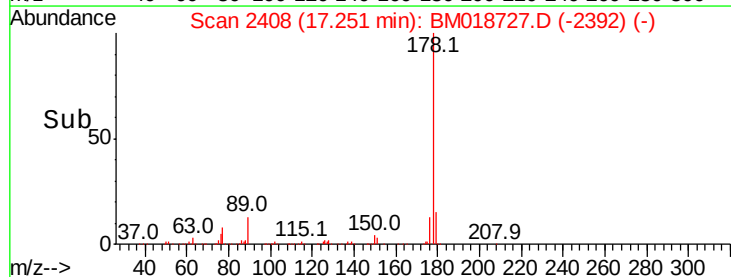
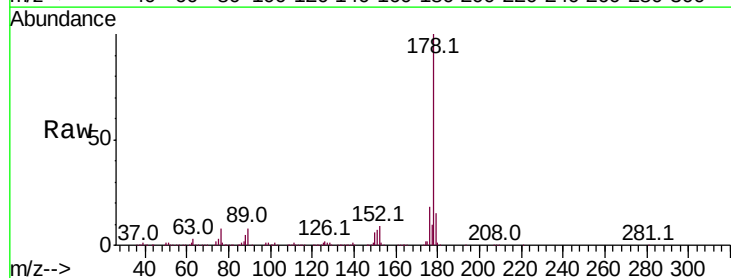
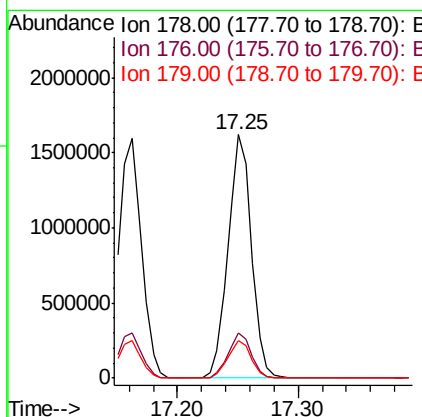
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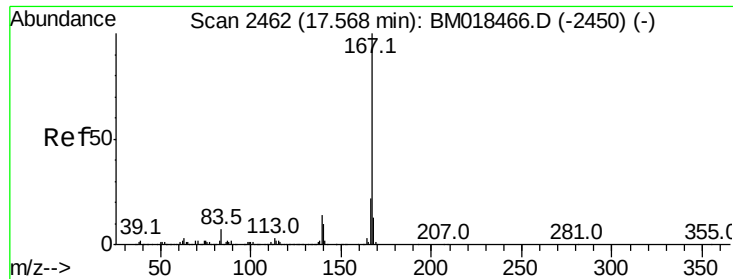
mohammad
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#72
Anthracene
Concen: 42.470 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.5	12.2	18.4





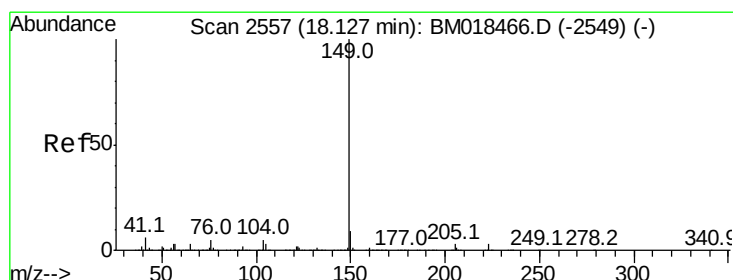
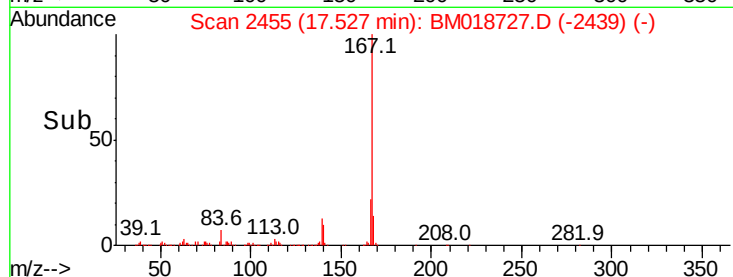
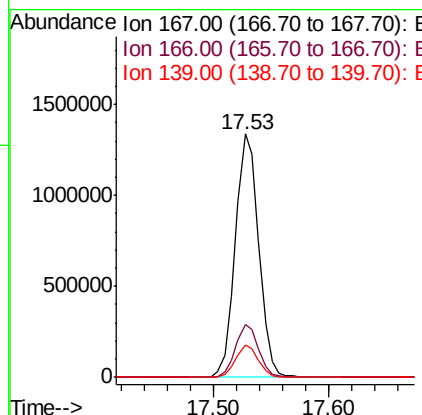
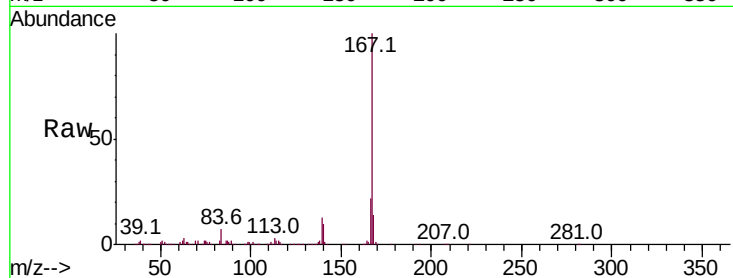
#73
 Carbazole
 Concen: 35.673 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 PB116799BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.2	10.6	16.0

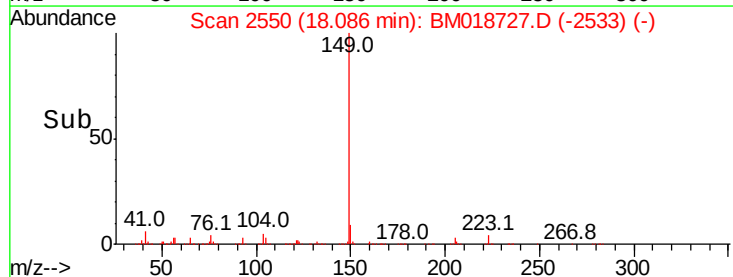
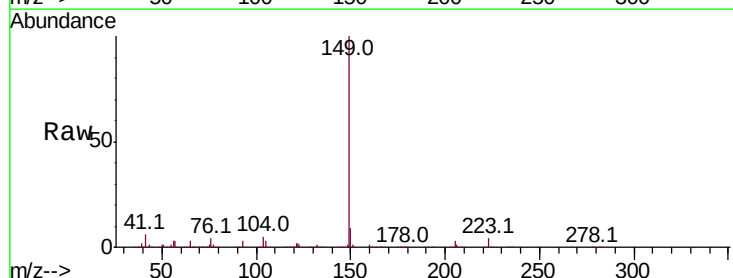
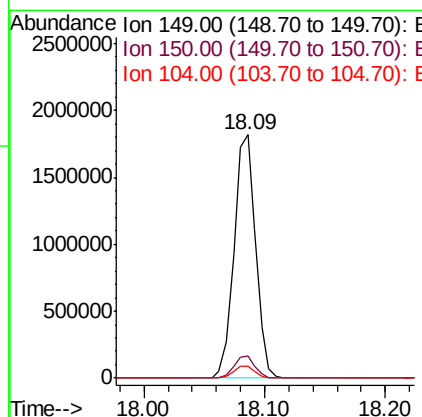
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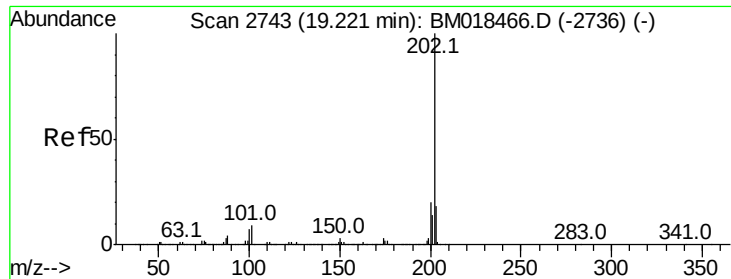
mohammad
 2/5/2019 8:41:32 AM



#74
 Di-n-butylphthalate
 Concen: 39.098 ng
 RT: 18.09 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	4.8	4.2	6.4





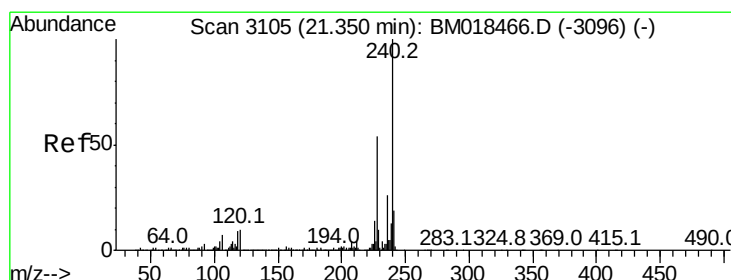
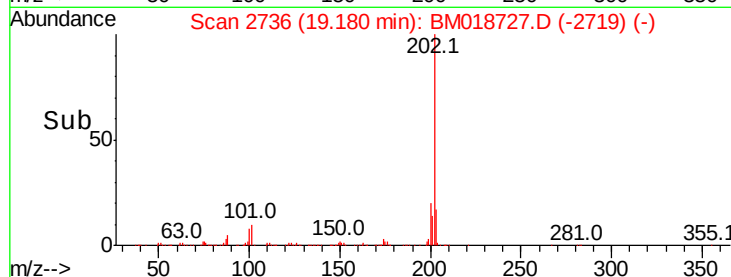
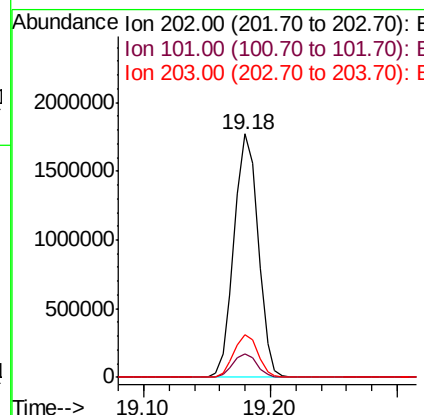
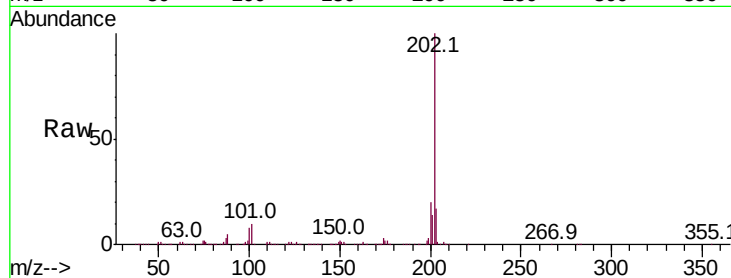
#75
 Fluoranthene
 Concen: 37.950 ng
 RT: 19.18 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 PB116799BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2333038		
101	9.8	0.0	30.9	
203	17.3	0.0	37.4	

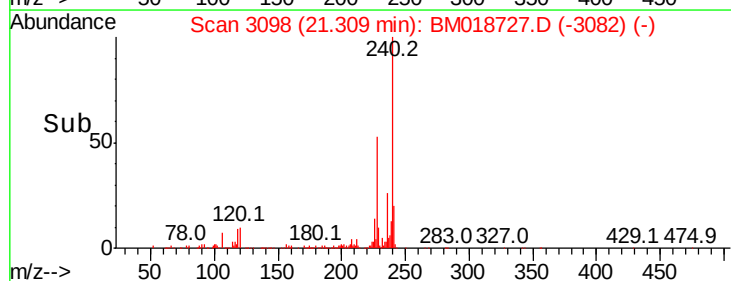
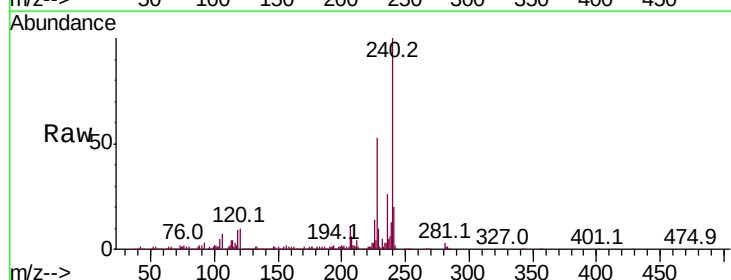
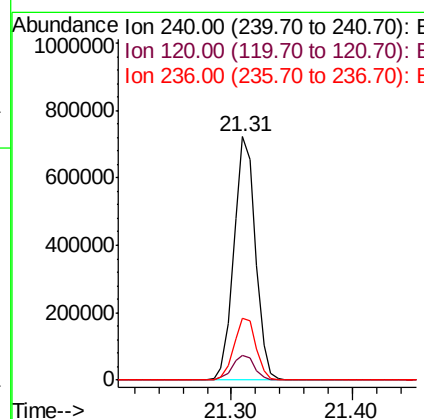
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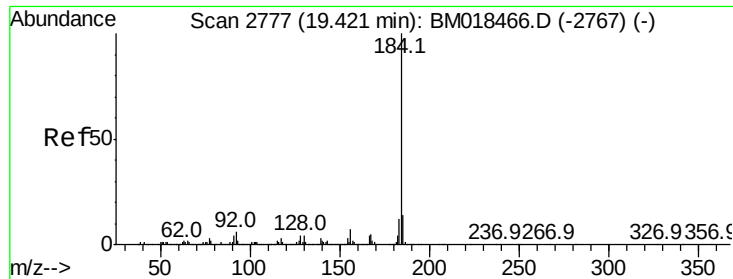
mohammad
 2/5/2019 8:41:32 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	897687		
120	10.4	8.4	12.6	
236	25.6	20.7	31.1	





#77

Benzidine

Concen: 36.564 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Instrument :

BNA_M

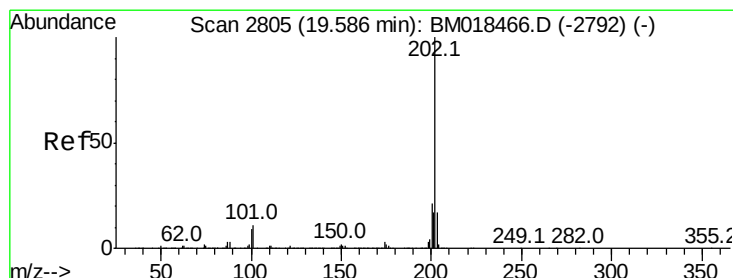
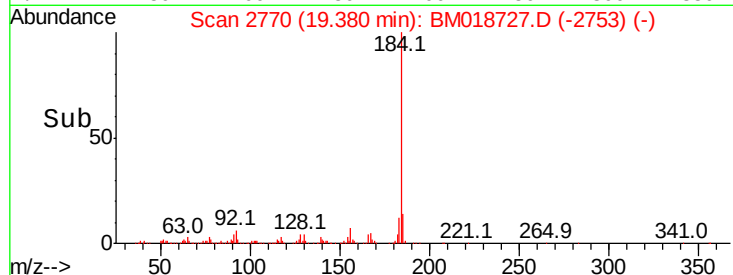
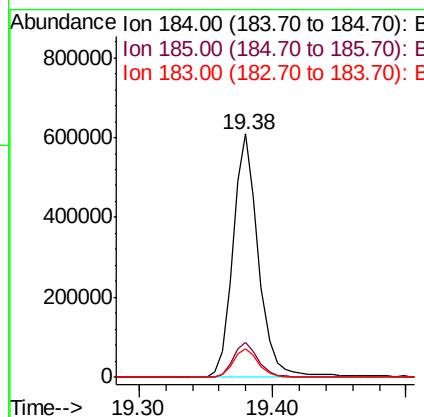
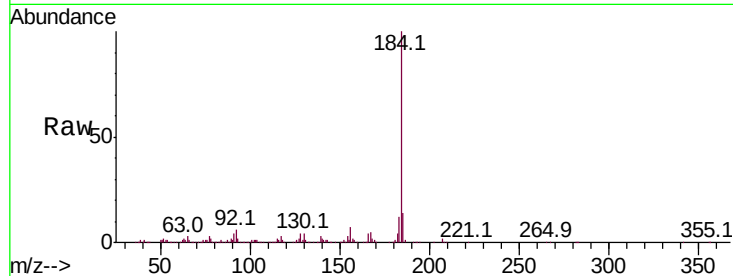
ClientSampleId :

PB116799BS

Tot Ion:	184	Resp:	810449
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.4	17.0
183	11.9	9.5	14.3

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#78

Pyrene

Concen: 44.171 ng

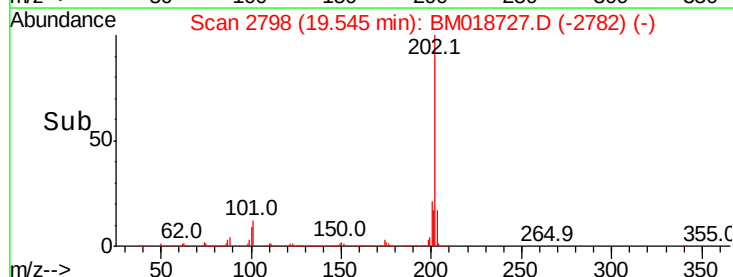
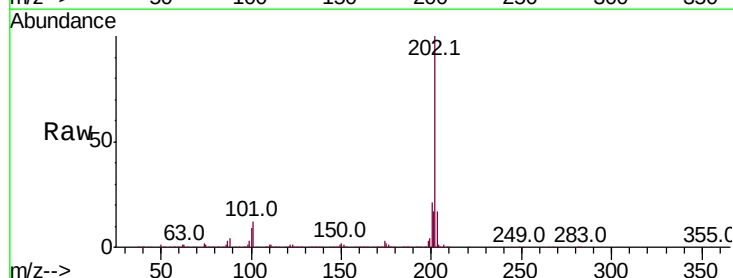
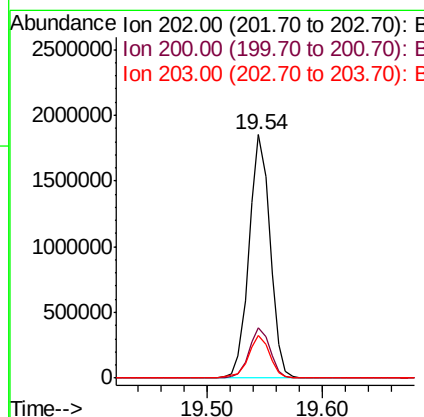
RT: 19.54 min Scan# 2798

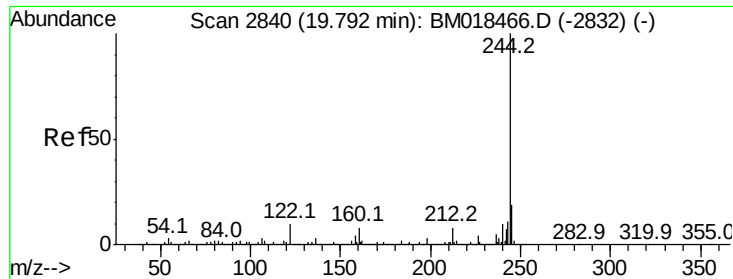
Delta R.T. -0.01 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Tgt Ion:	202	Resp:	2350357
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	24.8
203	17.3	13.8	20.8





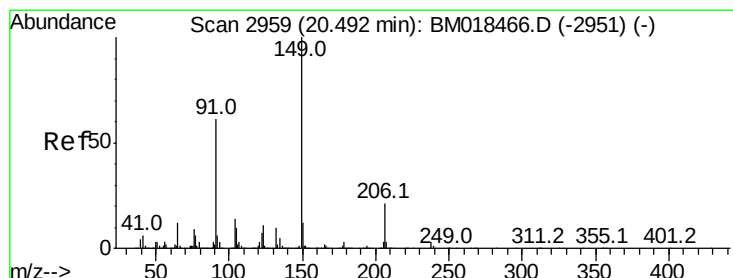
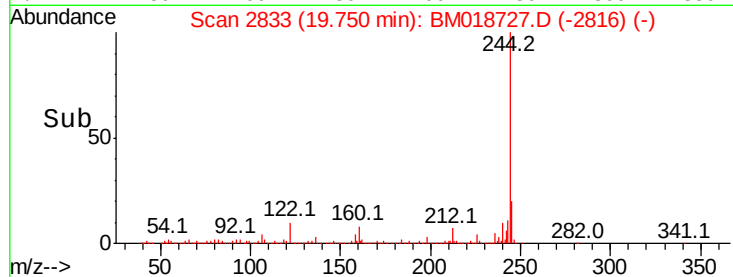
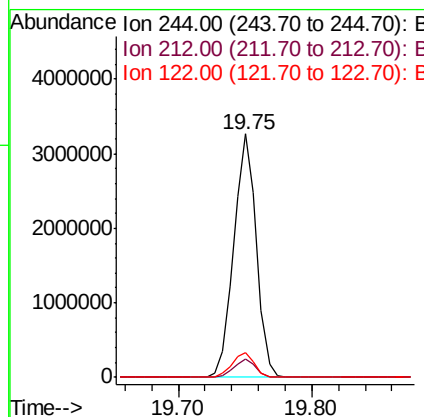
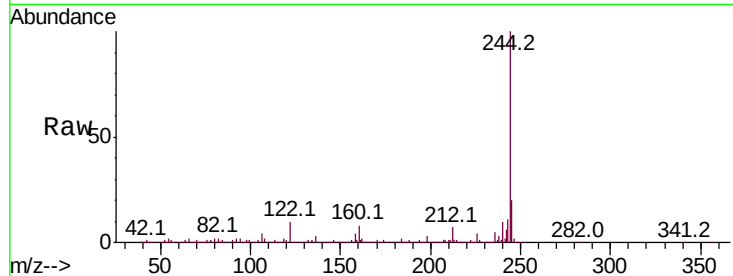
#79
 Terphenyl-d14
 Concen: 90.567 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 PB116799BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.1	9.0	13.4

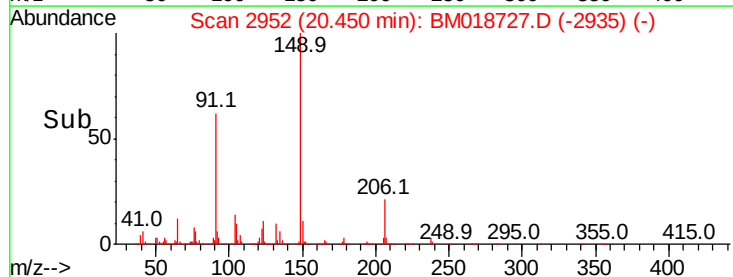
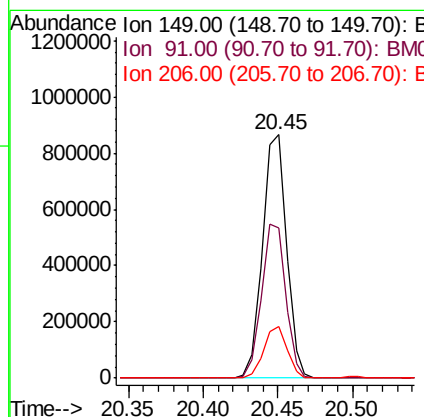
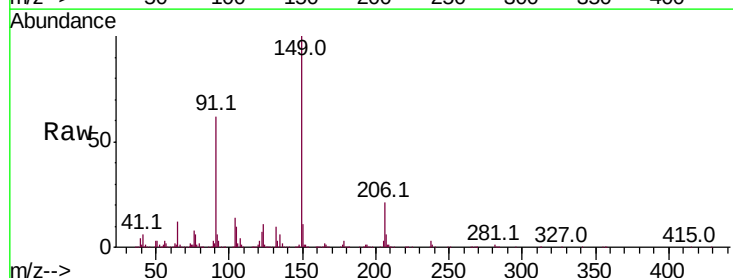
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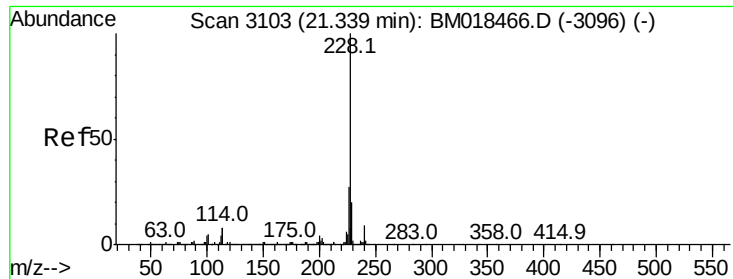
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.144 ng
 RT: 20.45 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BM018727.D
 Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.7	53.1	79.7
206	21.0	16.2	24.4





#81

Benzo(a)anthracene

Concen: 41.489 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Instrument :

BNA_M

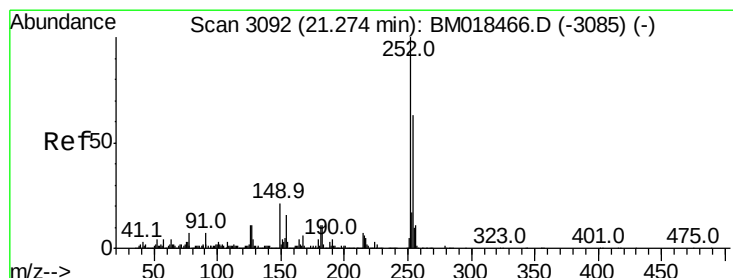
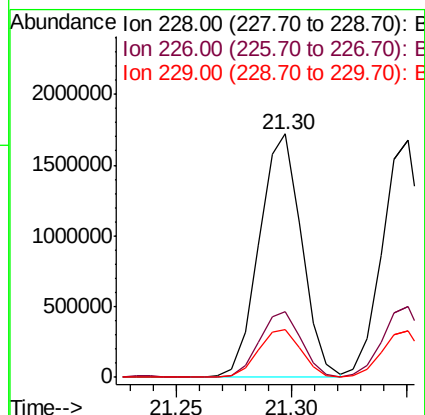
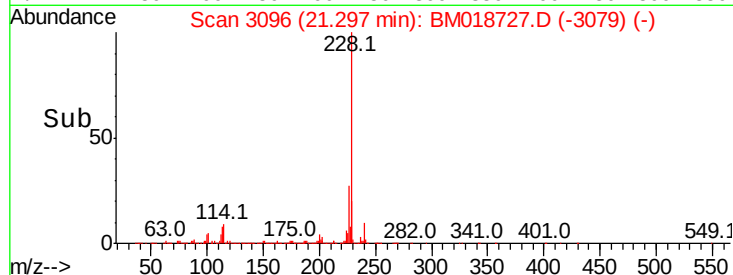
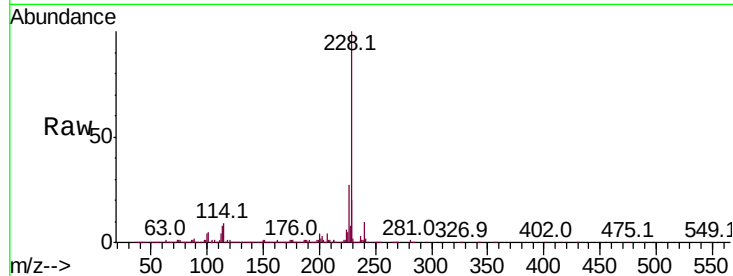
ClientSampleId :

PB116799BS

Tot Ion:	228	Resp:	2194137
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.5	15.8	23.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 29.995 ng

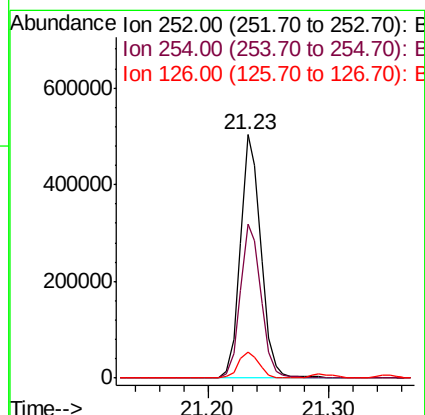
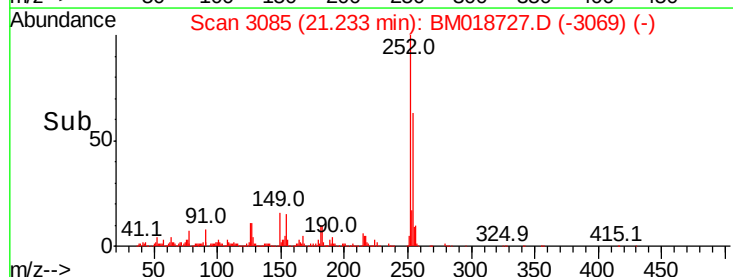
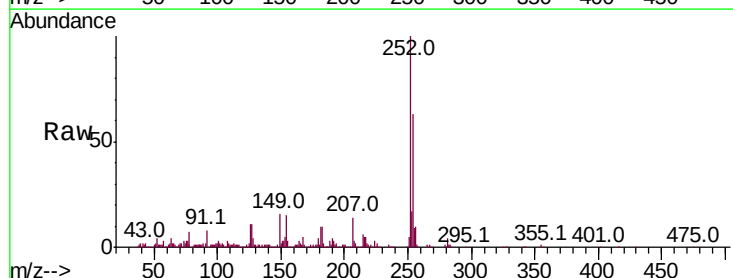
RT: 21.23 min Scan# 3085

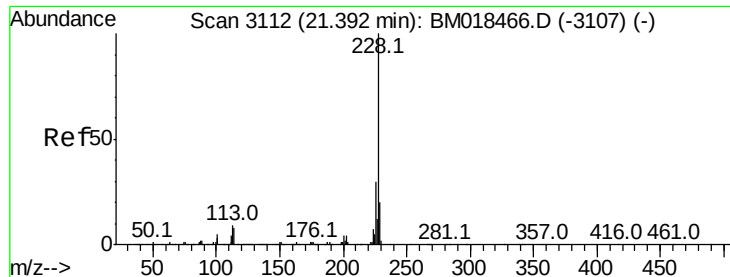
Delta R.T. -0.01 min

Lab File: BM018727.D

Acq: 04 Feb 2019 20:13

Tgt Ion:	252	Resp:	599833
Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.4	77.0
126	10.9	8.7	13.1





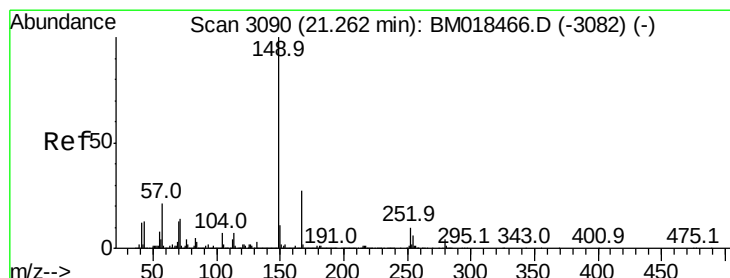
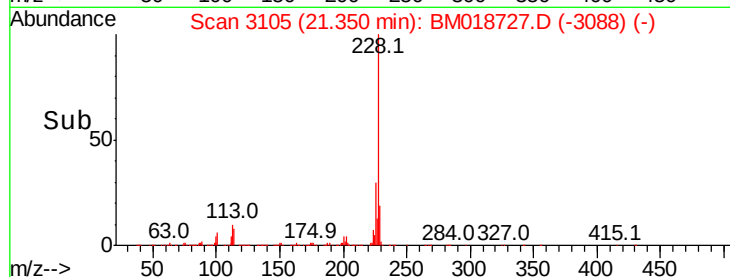
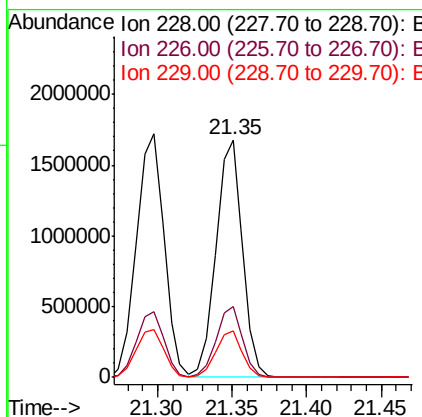
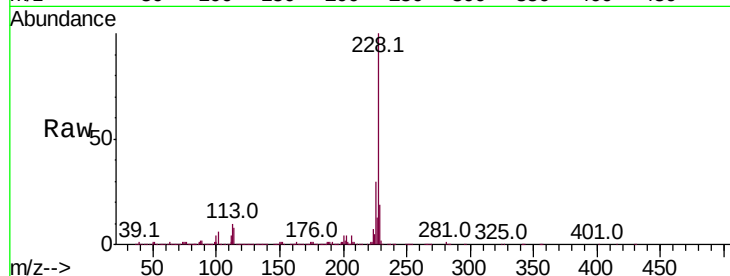
#83
Chrysene
Concen: 40.738 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.5	15.6	23.4

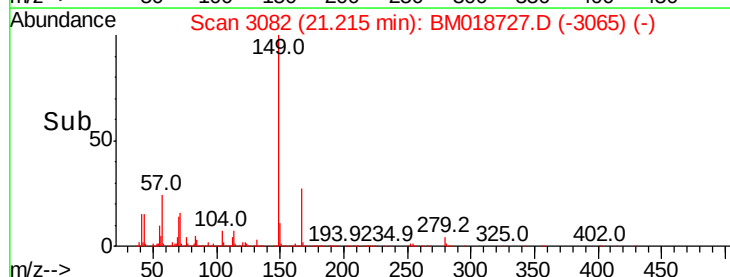
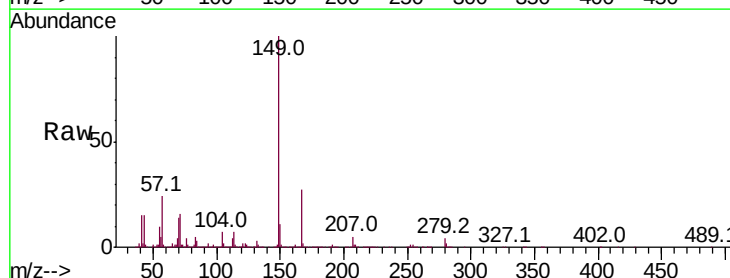
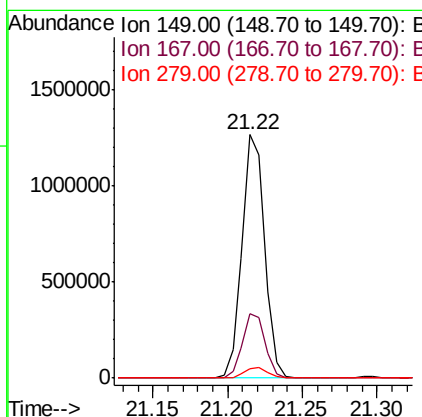
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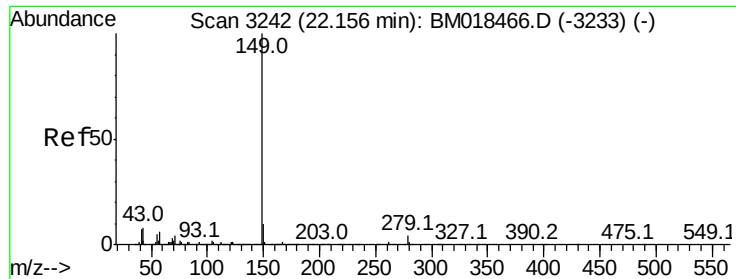
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.424 ng
RT: 21.22 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.6	32.4
279	3.8	3.3	4.9





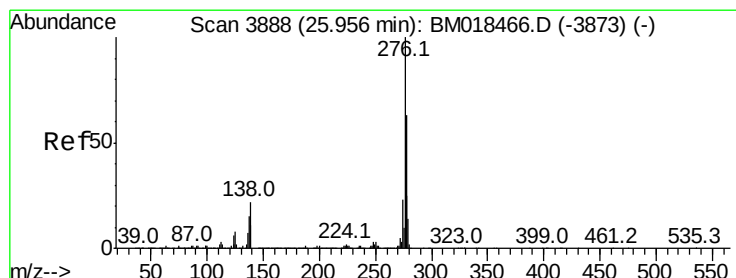
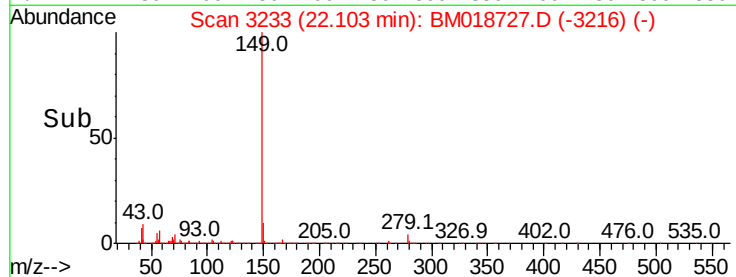
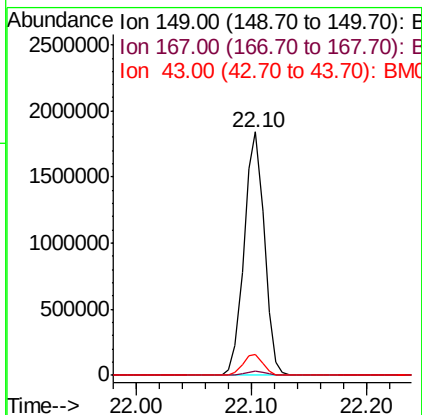
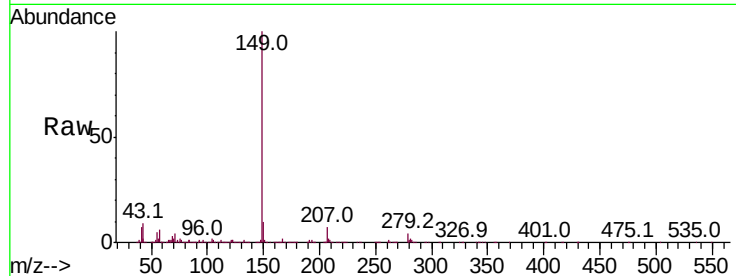
#85
Di-n-octyl phthalate
Concen: 40.279 ng
RT: 22.10 min Scan# 3233
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	2221160		
167	1.6		1.3	1.9
43	8.9		8.6	12.8

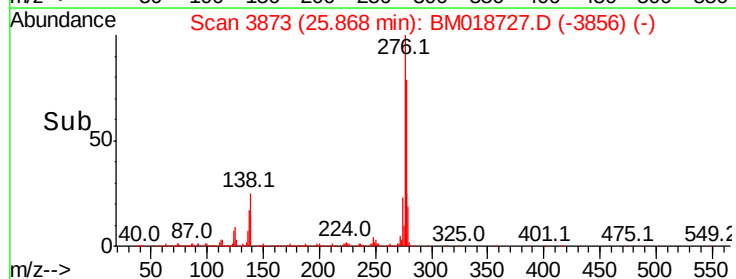
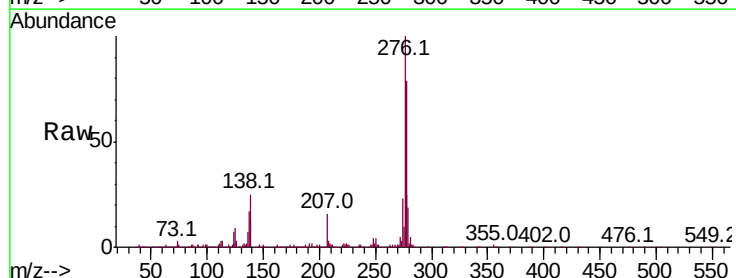
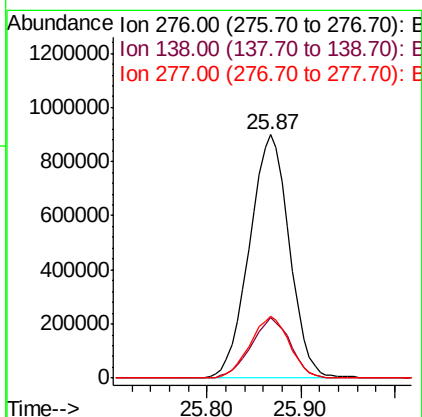
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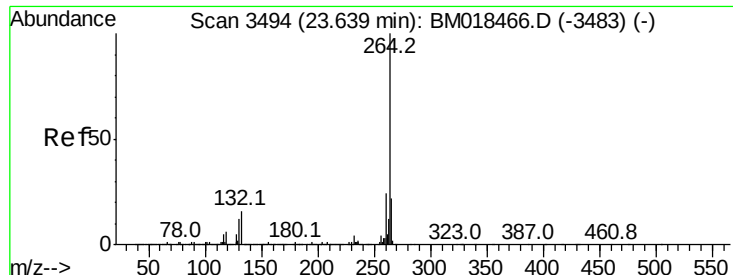
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.868 ng
RT: 25.87 min Scan# 3873
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	2642135		
138	24.3		21.5	32.3
277	25.3		20.2	30.2





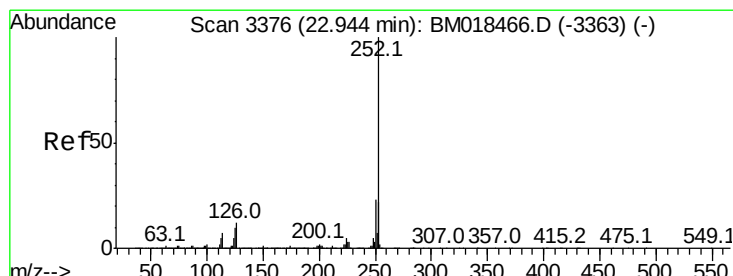
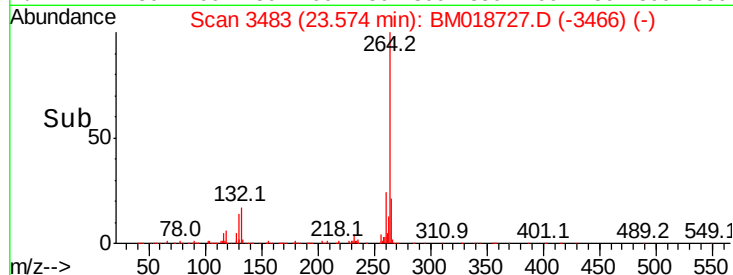
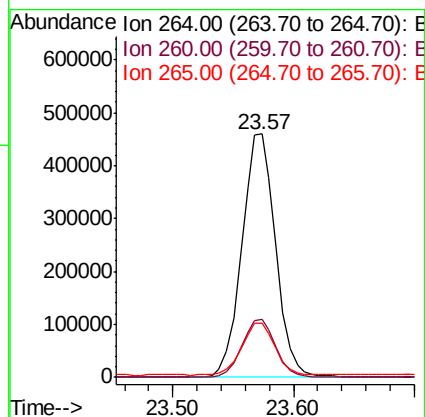
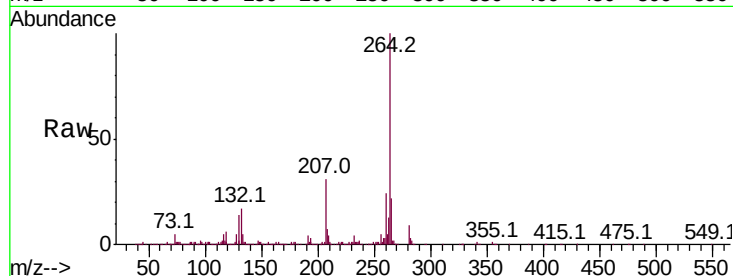
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3483
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.2	16.8	25.2

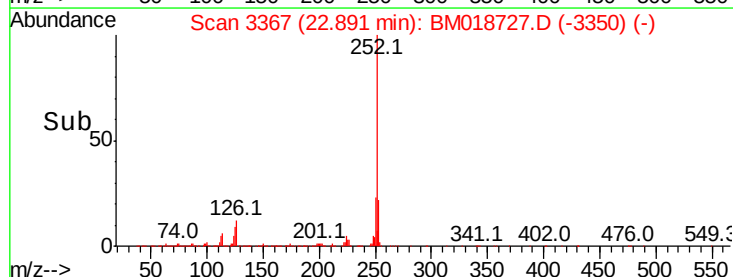
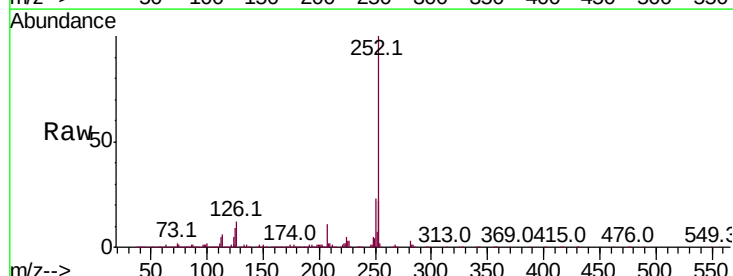
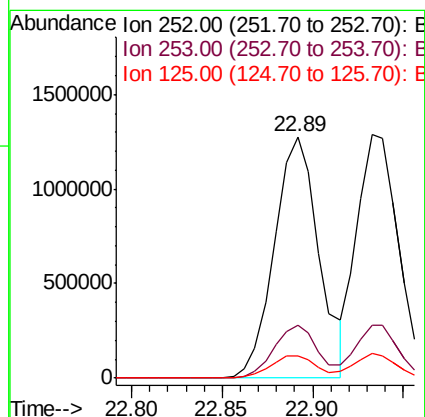
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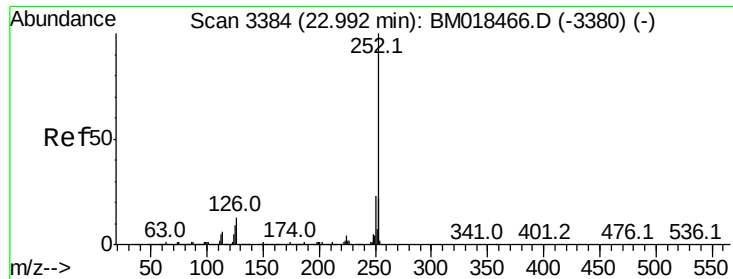
mohammad
2/5/2019 8:41:32 AM



#88
Benzo(b)fluoranthene
Concen: 43.305 ng
RT: 22.89 min Scan# 3367
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.4	8.5	12.7





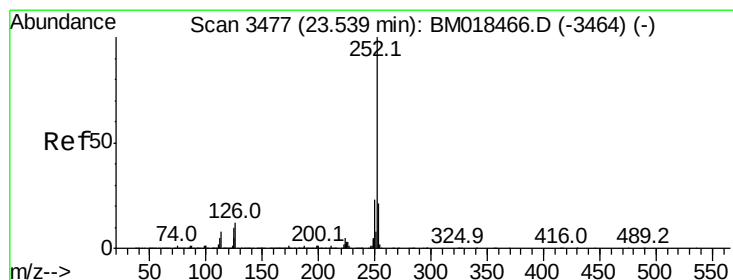
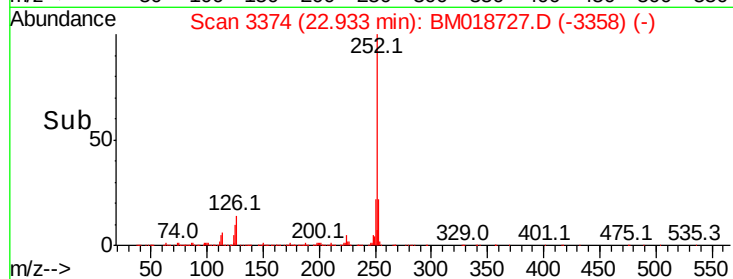
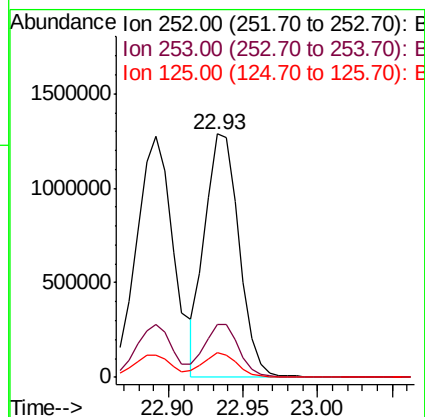
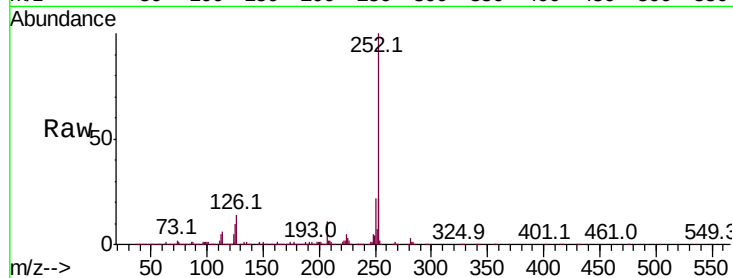
#89
Benzo(k)fluoranthene
Concen: 40.091 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.4	8.6	12.8

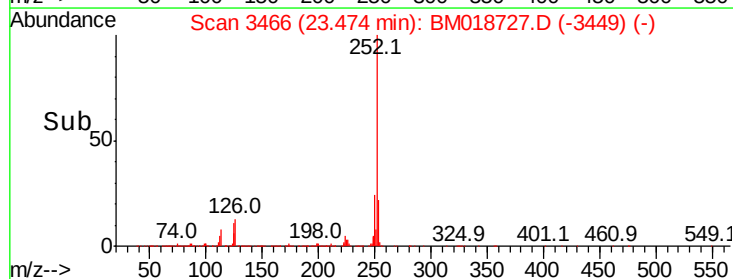
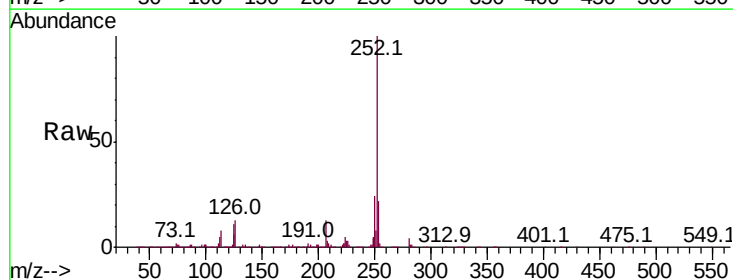
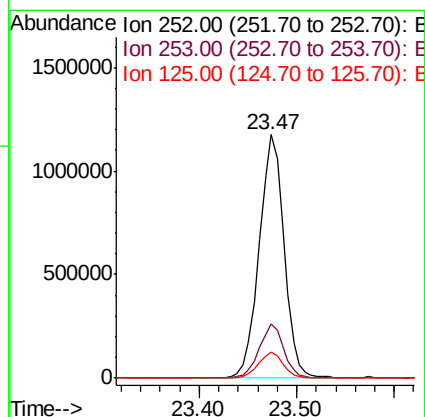
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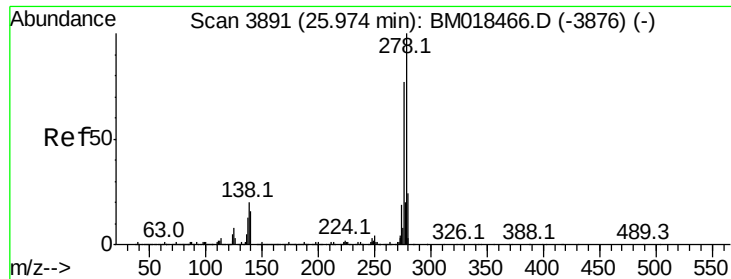
mohammad
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#90
Benzo(a)pyrene
Concen: 43.199 ng
RT: 23.47 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.6	9.7	14.5





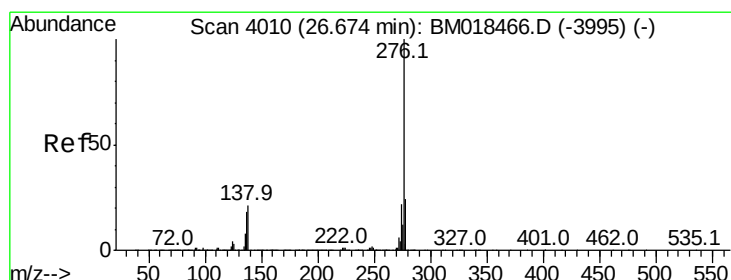
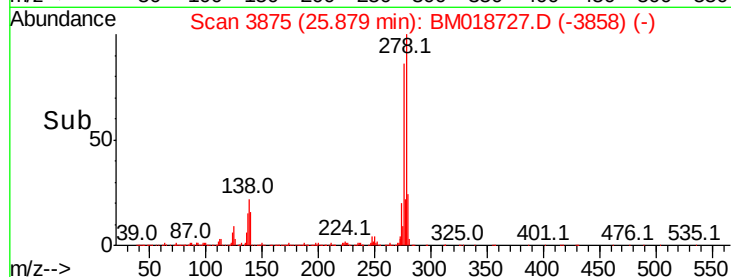
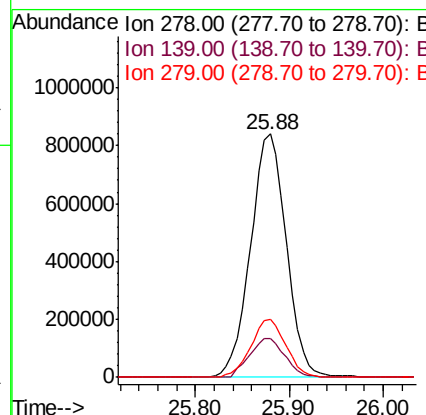
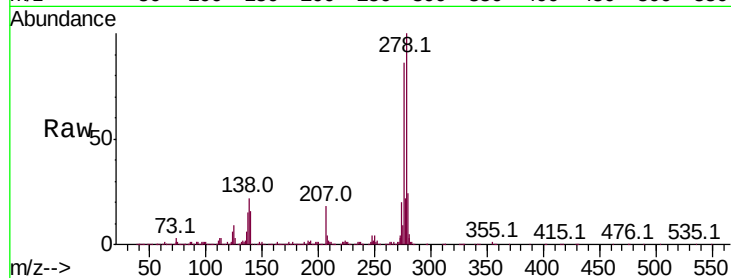
#91
Dibenzo(a,h)anthracene
Concen: 45.150 ng
RT: 25.88 min Scan# 3875
Delta R.T. 0.00 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.2	19.8
279	23.9	19.0	28.4

Manual Integrations
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2/5/2019 8:41:32 AM



#92
Benzo(g,h,i)perylene
Concen: 46.616 ng
RT: 26.57 min Scan# 3993
Delta R.T. -0.01 min
Lab File: BM018727.D
Acq: 04 Feb 2019 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	21.4	18.1	27.1

