

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
 Data File : BM018720.D
 Acq On : 04 Feb 2019 15:59
 Operator : JU/SJ
 Sample : PB116792BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

Manual Integrations
 APPROVED

mohammad
 2/5/2019 8:41:13 AM

Quant Time: Feb 04 18:02:23 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	219875	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	813951	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	418501	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	832823	20.00	ng	0.00
76) Chrysene-d12	21.31	240	787070	20.00	ng	0.00
87) Perylene-d12	23.57	264	807859	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1573347	132.13	ng	0.00
7) Phenol-d6	6.89	99	1934954	127.94	ng	0.00
23) Nitrobenzene-d5	8.89	82	1116735	79.54	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	661255	124.09	ng	0.00
45) 2-Fluorobiphenyl	12.99	172	2590268	80.76	ng	0.00
79) Terphenyl-d14	19.75	244	3310862	88.68	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.26	88	252306	51.987	ng	97
3) Pyridine	3.66	79	490436	40.532	ng	98
4) n-Nitrosodimethylamine	3.57	42	233209	46.609	ng	# 93
6) Aniline	7.06	93	572567	33.938	ng	99
8) 2-Chlorophenol	7.29	128	587019	42.210	ng	95
9) Benzaldehyde	6.87	77	110674	10.392	ng	97
10) Phenol	6.92	94	637535	41.483	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	474758	39.314	ng	96
12) 1,3-Dichlorobenzene	7.60	146	652452	39.394	ng	100
13) 1,4-Dichlorobenzene	7.75	146	664482	39.584	ng	100
14) 1,2-Dichlorobenzene	8.07	146	633658	39.809	ng	97
15) Benzyl Alcohol	7.97	79	436586	39.967	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	622916	40.364	ng	96
17) 2-Methylphenol	8.16	107	436390	41.831	ng	98
18) Hexachloroethane	8.78	117	233562	39.022	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	362177	36.797	ng	93
20) 3+4-Methylphenols	8.49	107	578338	40.159	ng	98
22) Acetophenone	8.55	105	761312	37.810	ng	# 97
24) Nitrobenzene	8.93	77	555198	40.188	ng	96
25) Isophorone	9.45	82	945337	44.462	ng	98
26) 2-Nitrophenol	9.63	139	294779	44.128	ng	97
27) 2,4-Dimethylphenol	9.69	122	474455	47.386	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	602868	41.045	ng	99
29) 2,4-Dichlorophenol	10.16	162	501792	42.087	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	585086	39.536	ng	99
31) Naphthalene	10.56	128	1681746	42.902	ng	99
32) Benzoic acid	9.82	122	294772m	44.304	ng	
33) 4-Chloroaniline	10.68	127	263388	17.061	ng	98
34) Hexachlorobutadiene	10.82	225	353052	37.763	ng	99
35) Caprolactam	11.49	113	128200m	31.626	ng	
36) 4-Chloro-3-methylphenol	11.80	107	484640	38.745	ng	98
37) 2-Methylnaphthalene	12.17	142	1191660	43.026	ng	100
38) 1-Methylnaphthalene	12.40	142	1121233	41.840	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	603794	41.257	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	761935	94.862	nq	99
43) 2,4,6-Trichlorophenol	12.79	196	383343	43.135	nq	98
44) 2,4,5-Trichlorophenol	12.86	196	405429	43.377	nq	98
46) 1,1'-Biphenyl	13.20	154	1454926	39.816	nq	99
47) 2-Chloronaphthalene	13.24	162	1131573	39.934	nq	99
48) 2-Nitroaniline	13.46	65	277585	39.818	nq	93
49) Acenaphthylene	14.09	152	1757925	42.570	nq	99
50) Dimethylphthalate	13.83	163	1325667	38.570	nq	99
51) 2,6-Dinitrotoluene	13.96	165	289018	39.698	nq	96
52) Acenaphthene	14.43	154	1013849	40.126	nq	98
53) 3-Nitroaniline	14.29	138	178972	24.384	nq	97
54) 2,4-Dinitrophenol	14.50	184	294341	75.161	nq	92
55) Dibenzofuran	14.77	168	1611391	38.598	nq	99
56) 4-Nitrophenol	14.60	139	471655	74.383	nq	95
57) 2,4-Dinitrotoluene	14.74	165	382552	37.137	nq	99
58) Fluorene	15.42	166	1271874	40.897	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	348985	42.124	nq	97
60) Diethylphthalate	15.20	149	1295108	37.326	nq	100
61) 4-Chlorophenyl-phenylether	15.42	204	652494	36.403	nq	98
62) 4-Nitroaniline	15.46	138	254325	31.767	nq	94
63) Azobenzene	15.71	77	1077865	38.102	nq	97
65) 4,6-Dinitro-2-methylphenol	15.51	198	201330	39.059	nq	86
66) n-Nitrosodiphenylamine	15.63	169	1091917	42.267	nq	99
67) 4-Bromophenyl-phenylether	16.31	248	375553	40.296	nq	98
68) Hexachlorobenzene	16.42	284	418441	40.106	nq	99
69) Atrazine	16.59	200	371815	39.812	nq	99
70) Pentachlorophenol	16.77	266	509599	74.579	nq	99
71) Phenanthrene	17.16	178	1902596	42.950	nq	99
72) Anthracene	17.25	178	1927553	45.251	nq	99
73) Carbazole	17.53	167	1685836	38.521	nq	99
74) Di-n-butylphthalate	18.09	149	1991027	41.534	nq	99
75) Fluoranthene	19.18	202	2077436	40.677	nq	99
77) Benzidine	19.38	184	875167	45.033	nq	99
78) Pyrene	19.54	202	2119624	45.433	nq	100
80) Butylbenzylphthalate	20.45	149	871484	43.777	nq	94
81) Benzo(a)anthracene	21.30	228	2010319	43.356	nq	100
82) 3,3'-Dichlorobenzidine	21.24	252	568338	32.414	nq	99
83) Chrysene	21.35	228	1900457	42.445	nq	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1218346	42.382	nq	100
85) Di-n-octyl phthalate	22.10	149	2067131	42.754	nq	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	2482661	48.085	nq	98
88) Benzo(b)fluoranthene	22.89	252	2007070	43.761	nq	99
89) Benzo(k)fluoranthene	22.94	252	1908952	41.301	nq	99
90) Benzo(a)pyrene	23.47	252	1945504	44.308	nq	98
91) Dibenzo(a,h)anthracene	25.88	278	2080162	46.756	nq	99
92) Benzo(g,h,i)perylene	26.57	276	2109314	48.720	nq	98

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

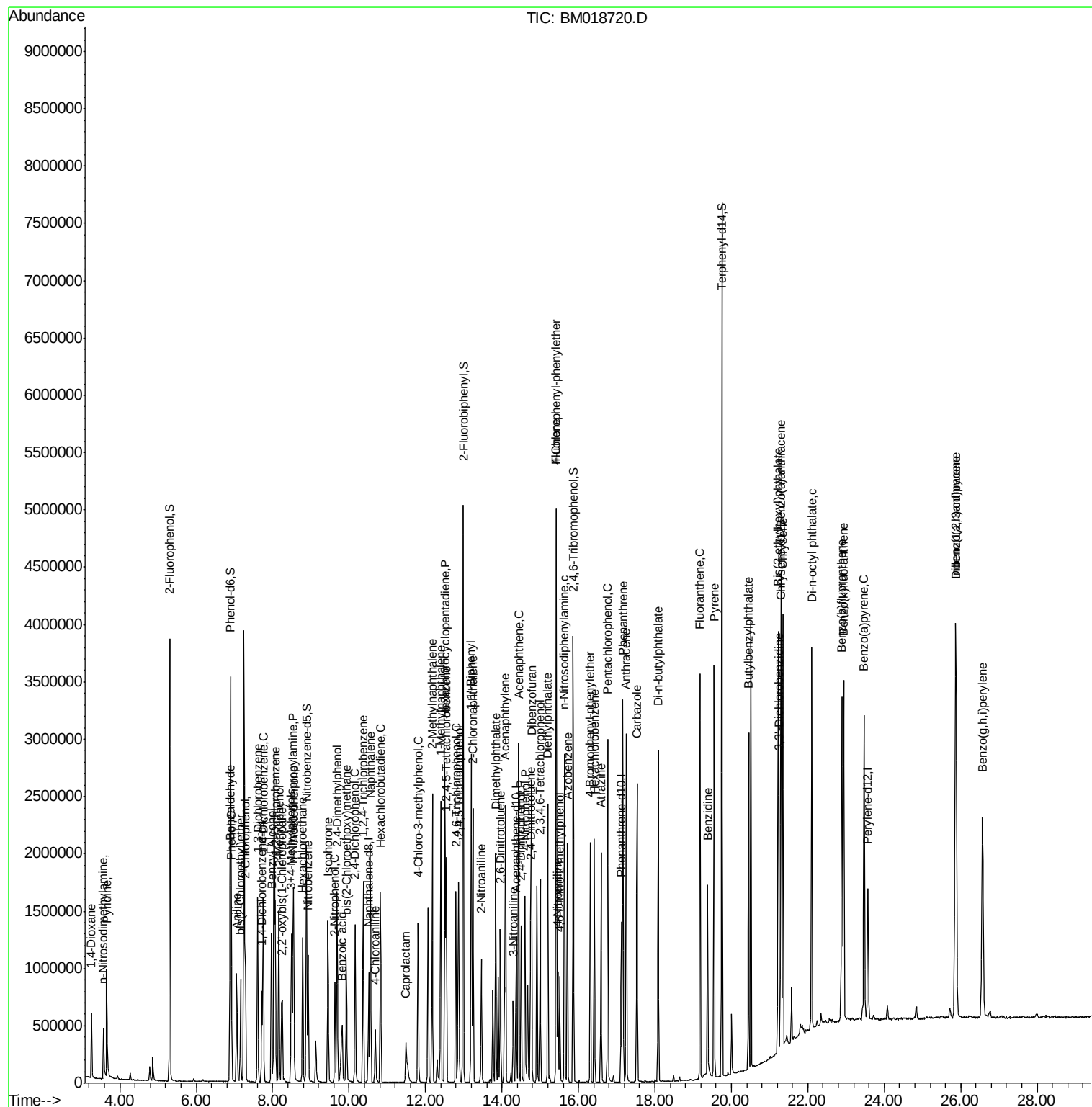
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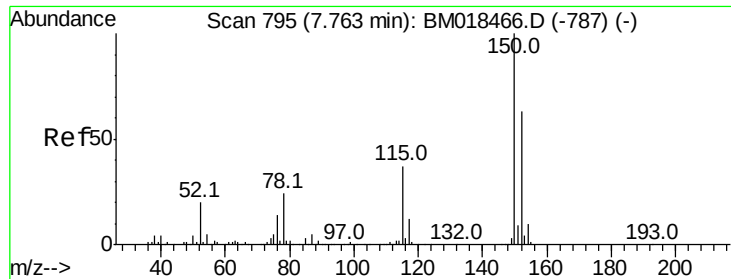
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 ClientSampleId :
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#1

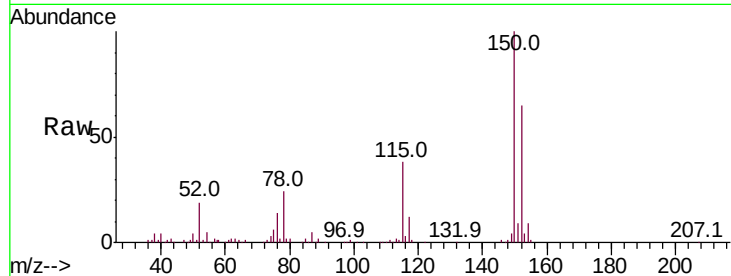
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampled :
PB116792BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.9	190.3
115	58.7	45.5	68.3

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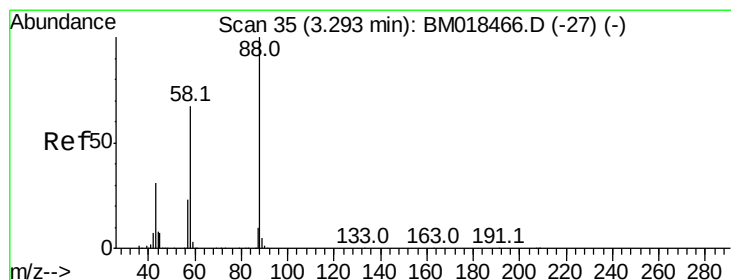
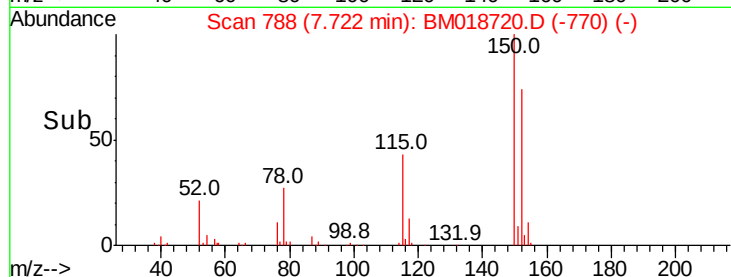
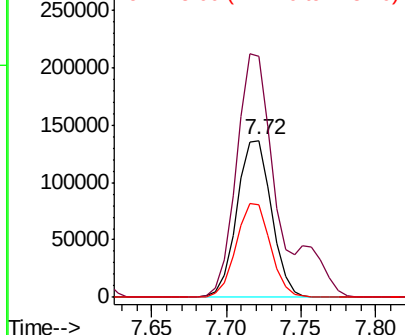


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

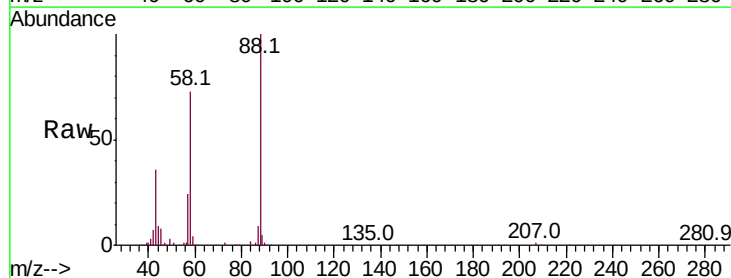
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 51.987 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	58.4	87.6
43	31.6	26.2	39.4

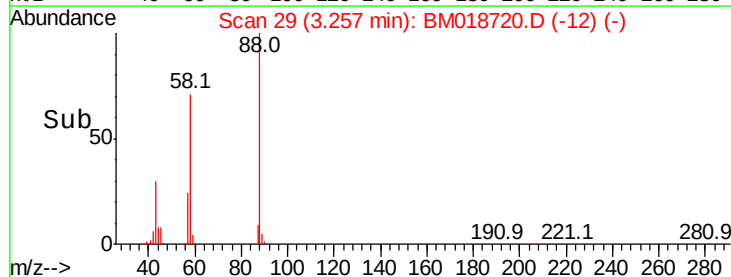
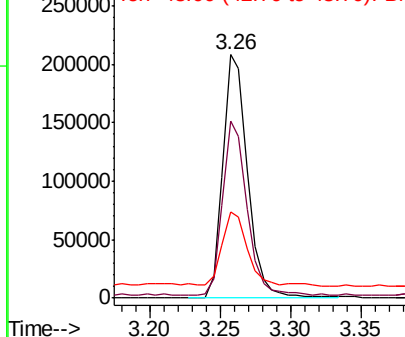


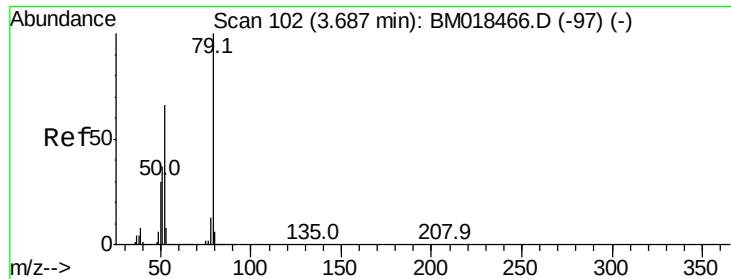
Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





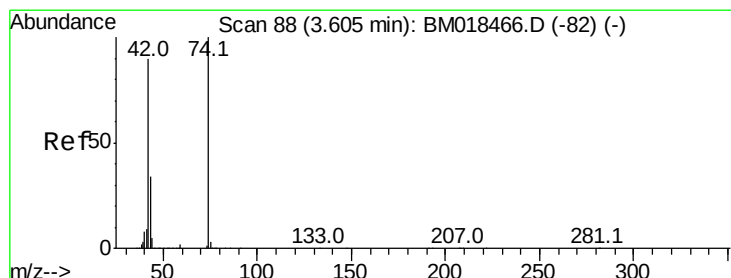
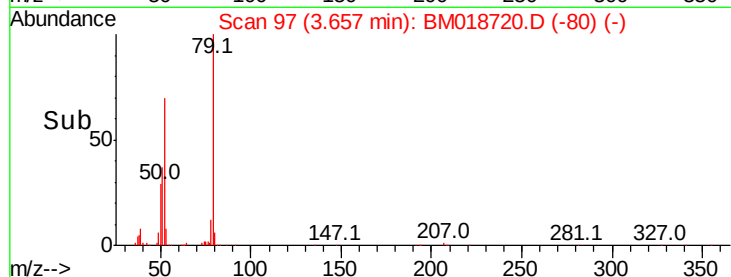
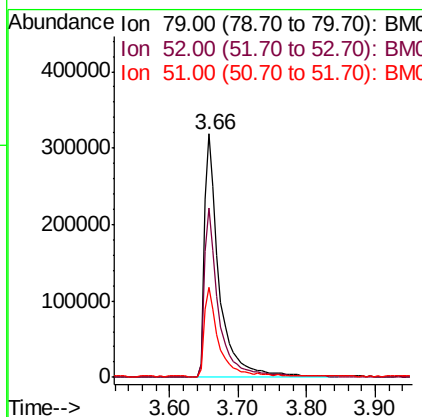
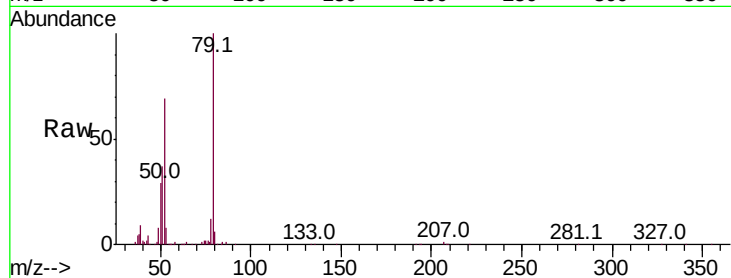
#3
 Pvridine
 Concen: 40.532 ng
 RT: 3.66 min Scan# 97
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Instrument :
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 ClientSampleId :
 PB116792BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.4	56.4	84.6
51	37.0	31.0	46.4

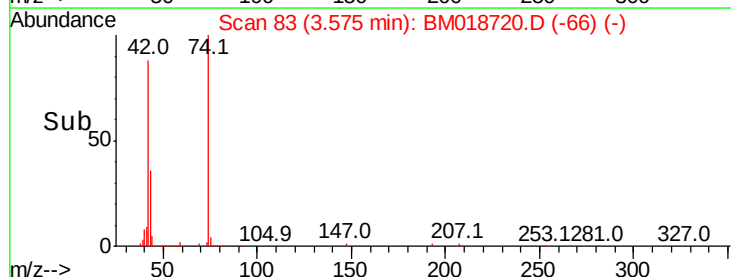
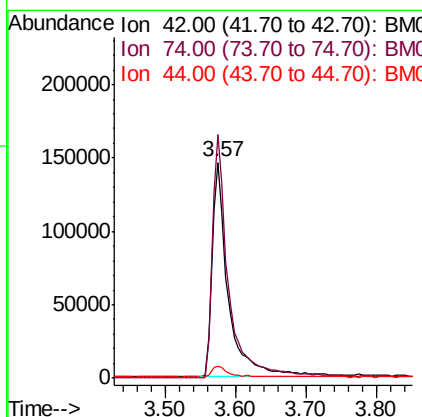
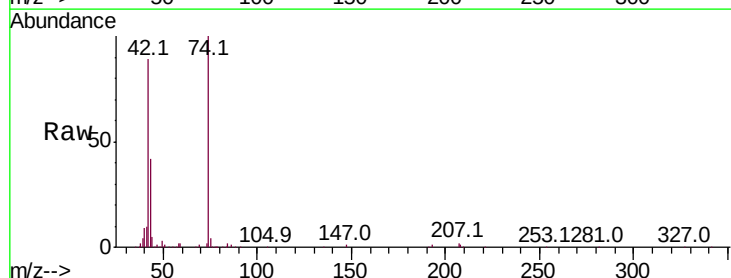
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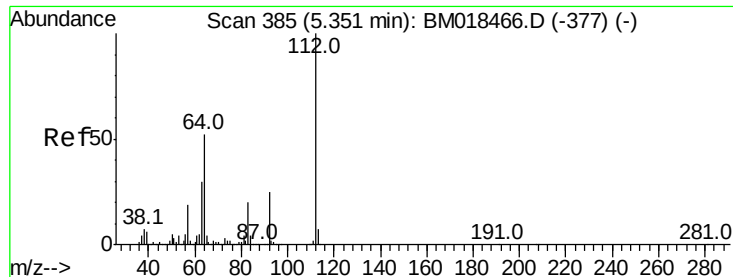
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#4
 n-Nitrosodimethylamine
 Concen: 46.609 ng
 RT: 3.57 min Scan# 83
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.8	88.6	132.8
44	5.7	16.9	25.3





#5

2-Fluorophenol

Concen: 132.128 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

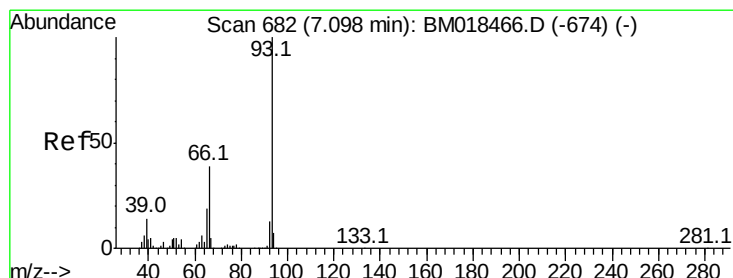
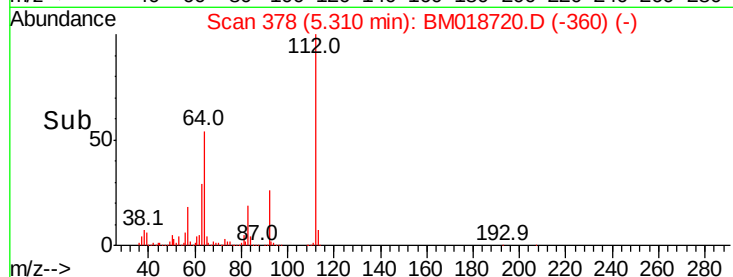
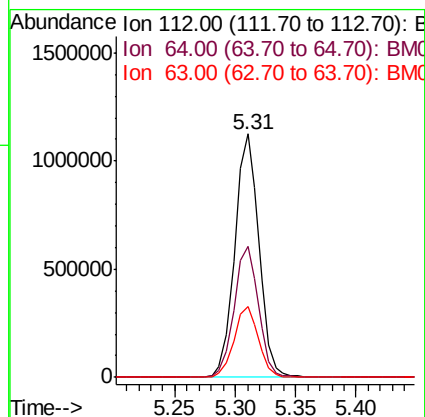
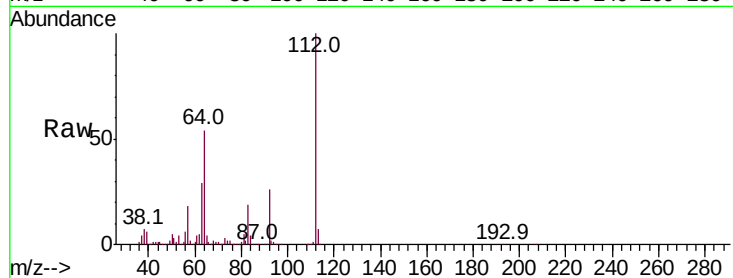
ClientSampleId :

PB116792BS

Tot Ion:	112	Resp:	1573347
Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.5	69.7
63	29.2	25.2	37.8

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#6

Aniline

Concen: 33.938 ng

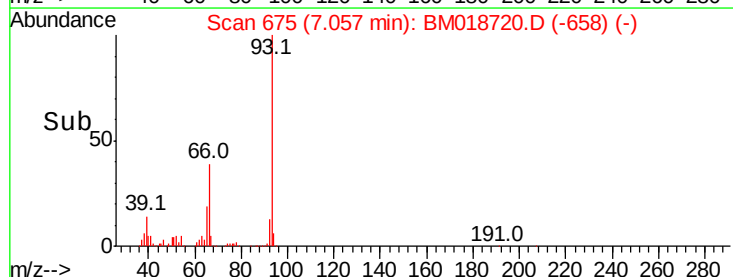
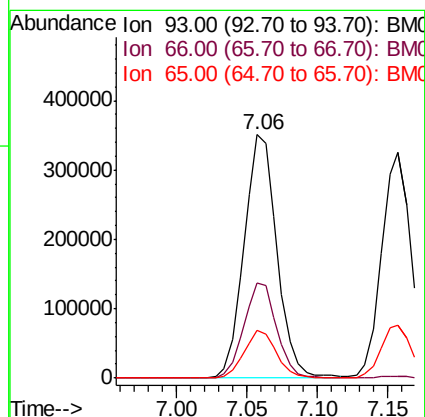
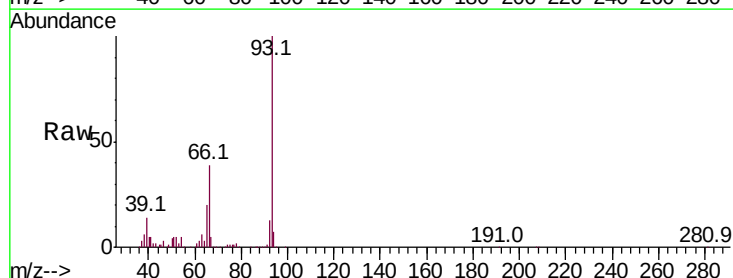
RT: 7.06 min Scan# 675

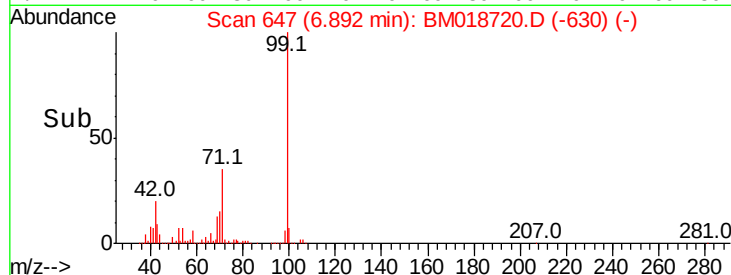
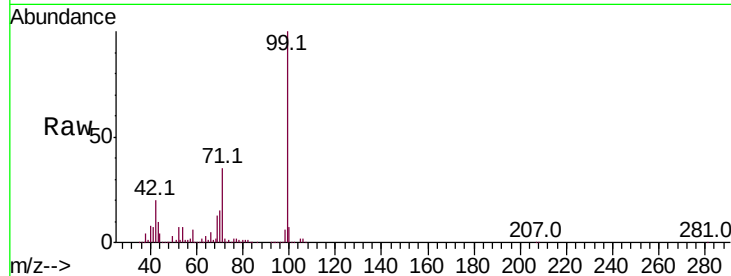
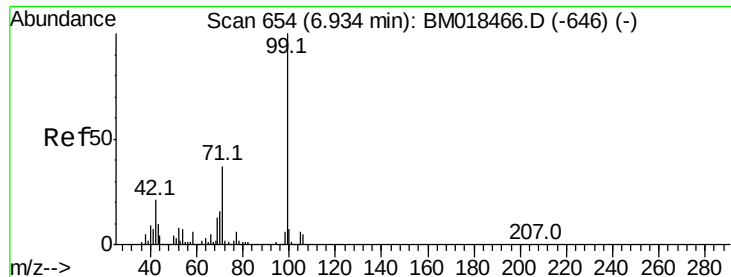
Delta R.T. 0.00 min

Lab File: BM018720.D

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Tgt Ion:	93	Resp:	572567
Ion	Ratio	Lower	Upper
93	100		
66	39.1	31.7	47.5
65	19.7	15.9	23.9





#7

Phenol-d6

Concen: 127.937 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018720.D

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Tot Ion: 99 Resp: 1934954

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

71 35.2 28.0 42.0

Instrument :

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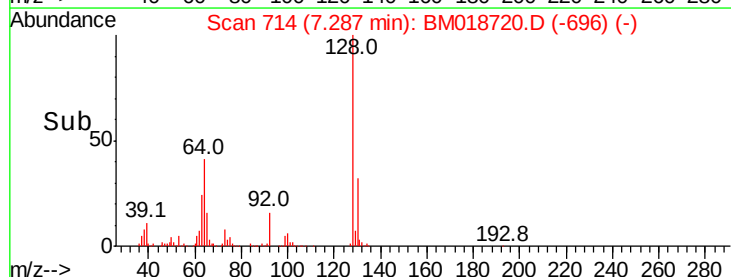
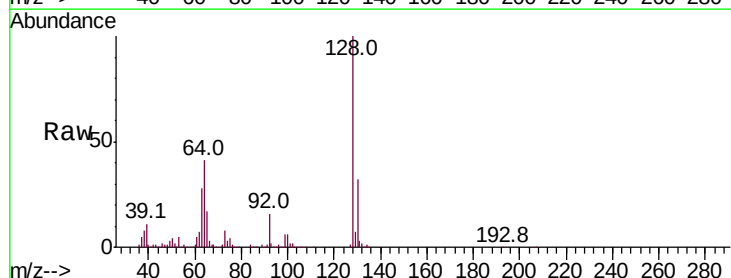
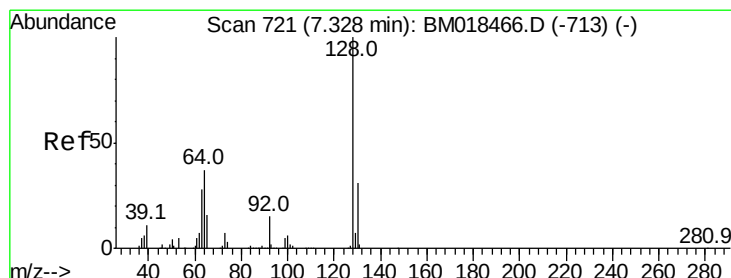
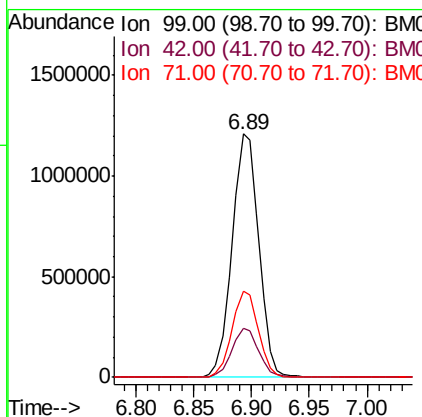
ClientSampleId :

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#8

2-Chlorophenol

Concen: 42.210 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

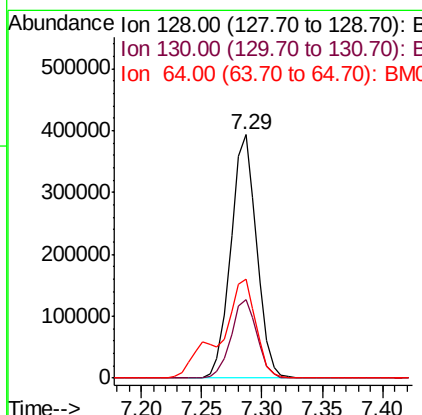
Tgt Ion: 128 Resp: 587019

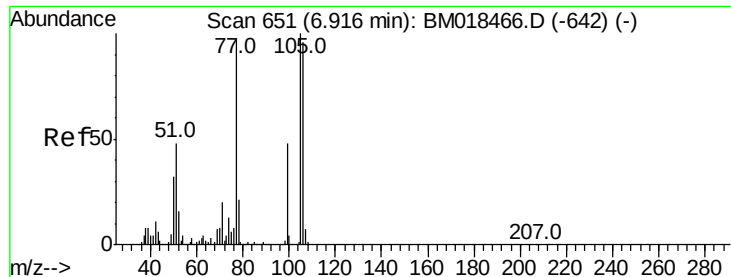
Ion Ratio Lower Upper

128 100

130 32.2 13.6 53.6

64 40.7 24.8 64.8





#9

Benzaldehyde

Concen: 10.392 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018720.D

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Instrument :

BNA_M

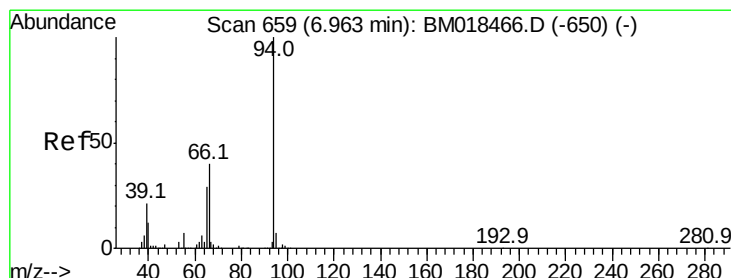
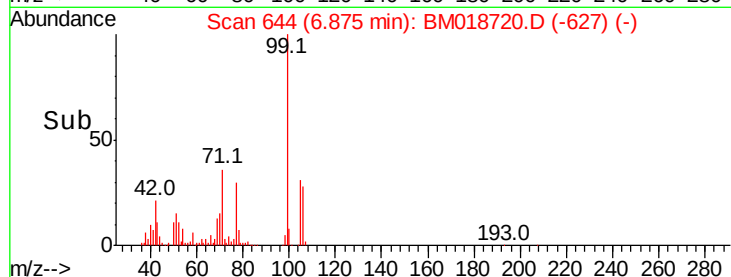
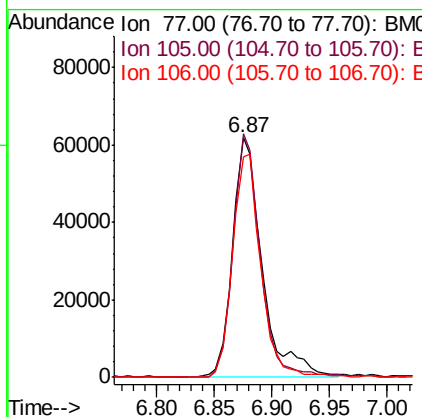
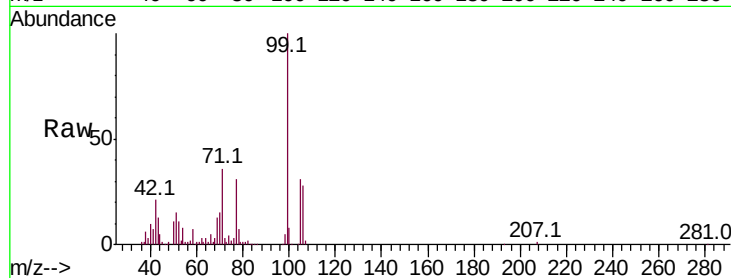
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	101.7	79.7	119.7
106	92.2	75.2	115.2

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#10

Phenol

Concen: 41.483 ng

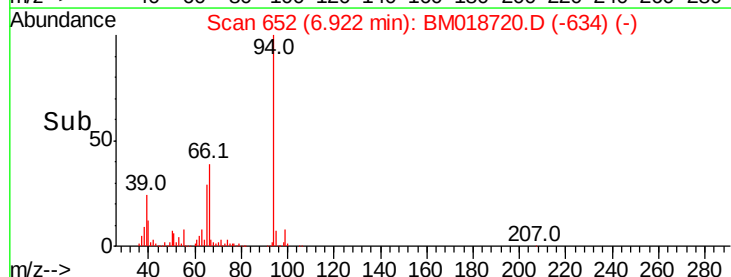
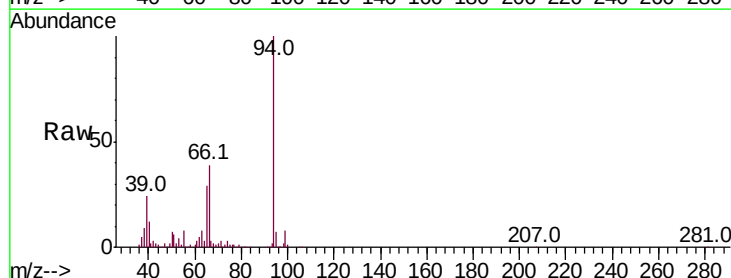
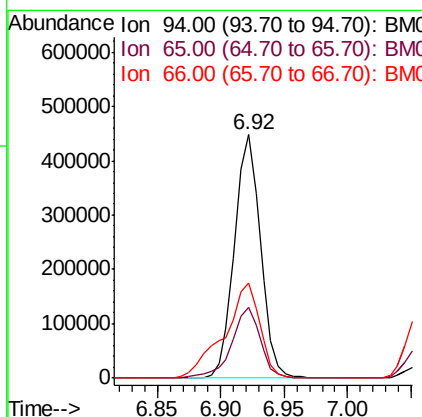
RT: 6.92 min Scan# 652

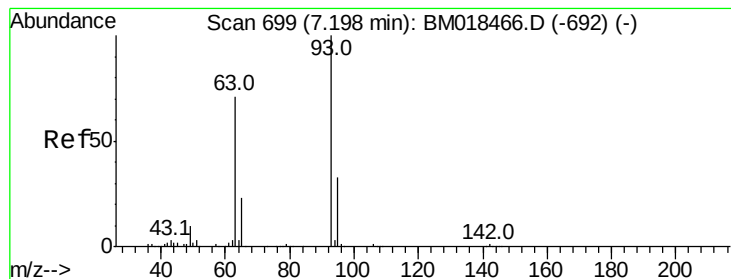
Delta R.T. 0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.4	49.4
66	38.9	19.1	59.1





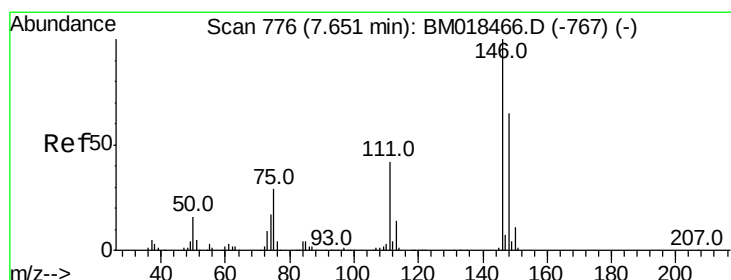
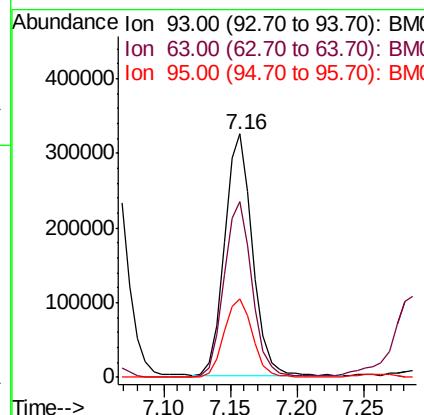
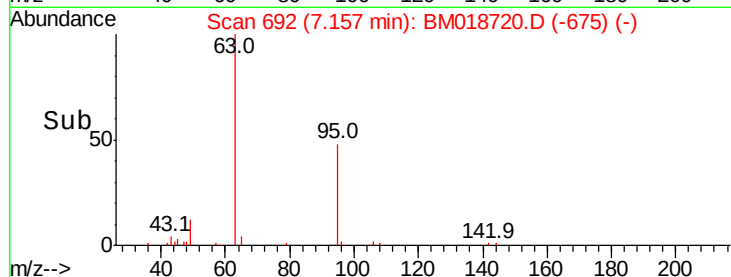
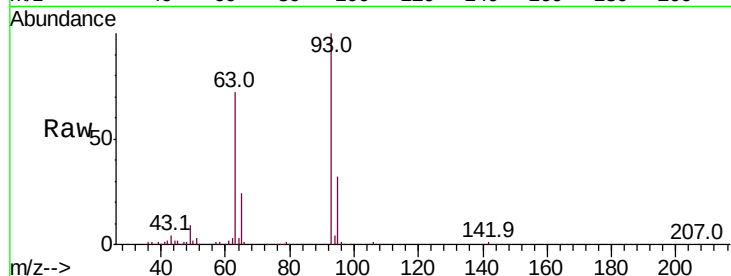
#11
bis(2-Chloroethyl)ether
Concen: 39.314 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	93	Resp	474758
Ion	Ratio	Lower	Upper
93	100		
63	72.4	56.4	96.4
95	32.1	12.7	52.7

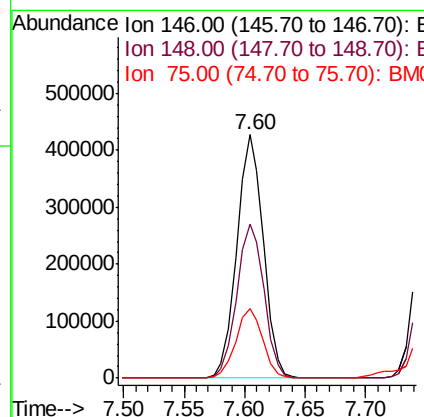
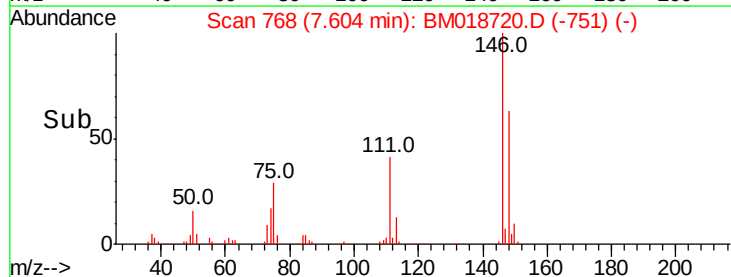
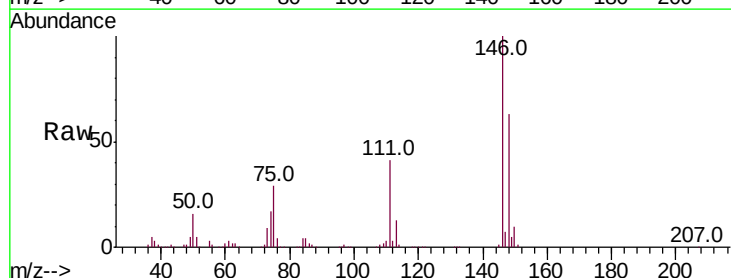
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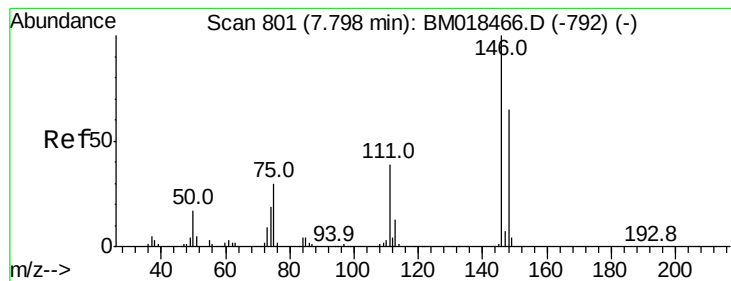
mohammad
2/5/2019 8:41:13 AM



#12
1,3-Dichlorobenzene
Concen: 39.394 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	146	Resp	652452
Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.5	75.7
75	28.6	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 39.584 ng

RT: 7.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

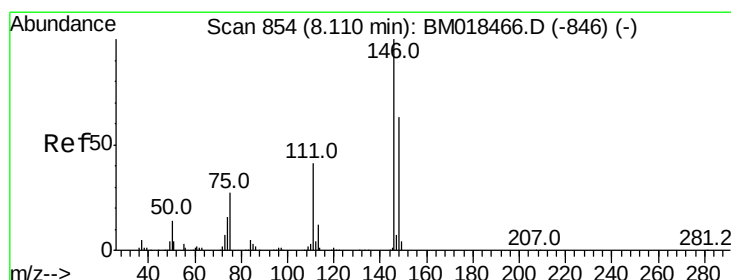
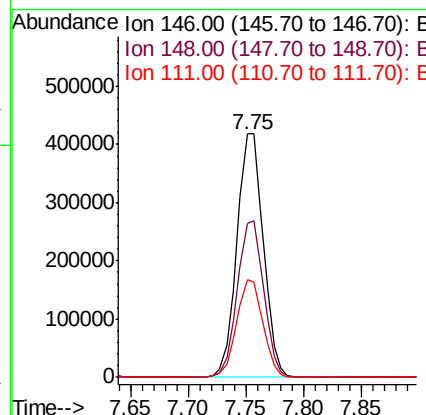
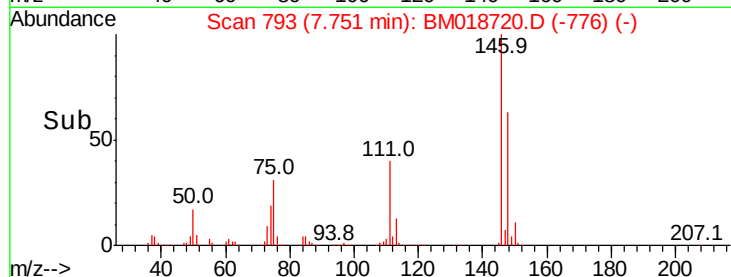
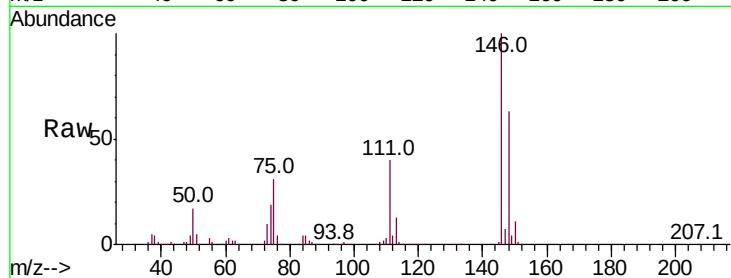
ClientSampled :

PB116792BS

Tot Ion:	146	Resp:	664482
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.8	76.2
111	40.1	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 39.809 ng

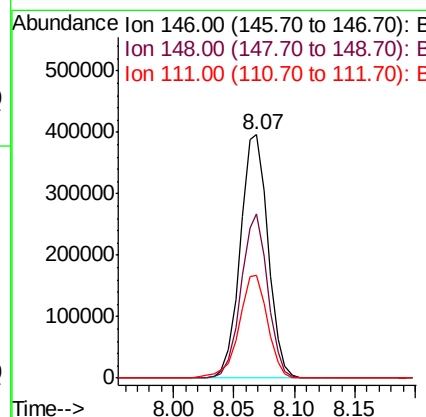
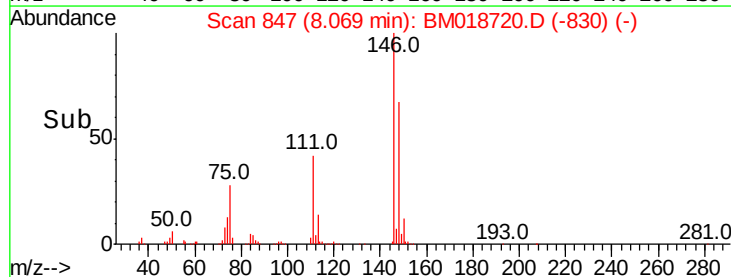
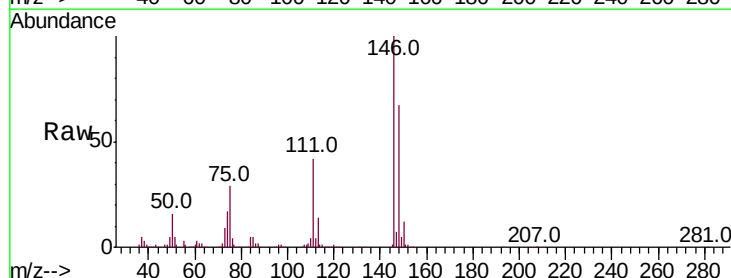
RT: 8.07 min Scan# 847

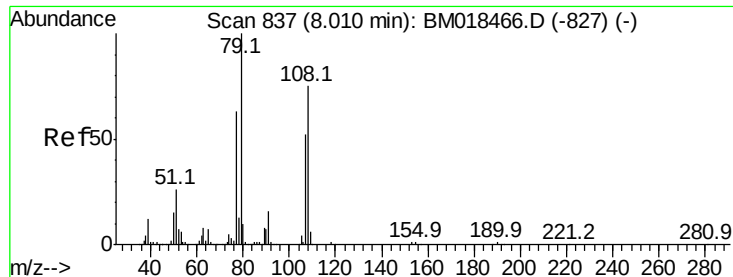
Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion:	146	Resp:	633658
Ion Ratio	Lower	Upper	
146	100		
148	67.3	51.0	76.6
111	42.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 39.967 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

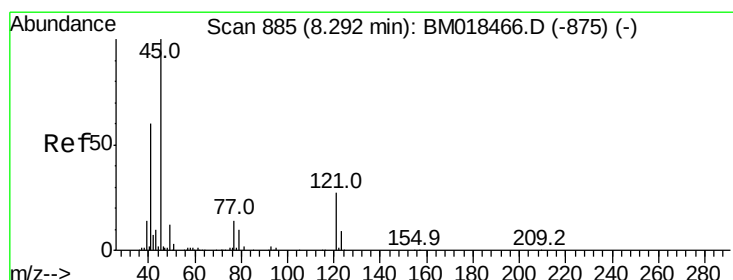
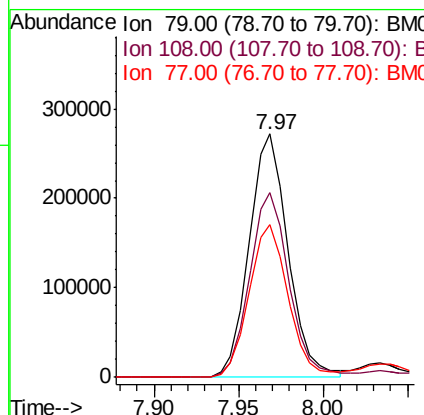
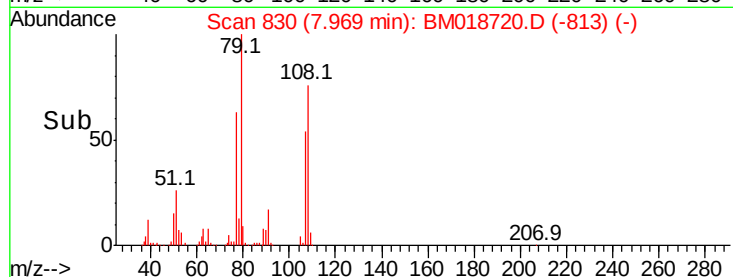
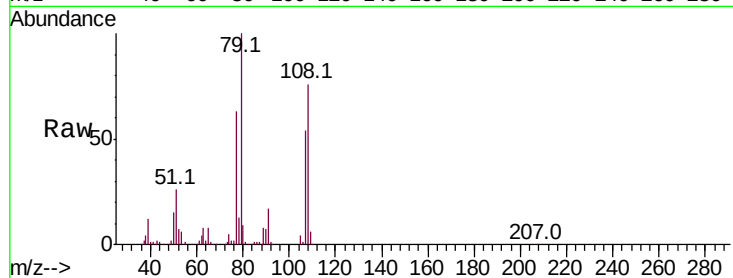
ClientSampleId :

PB116792BS

Tot Ion:	79	Resp:	436586
Ion Ratio	Lower	Upper	
79	100		
108	75.9	60.4	90.6
77	62.9	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.364 ng

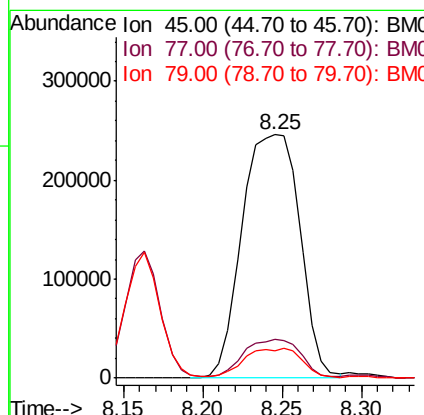
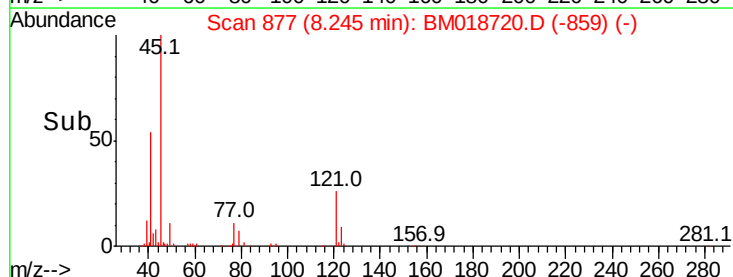
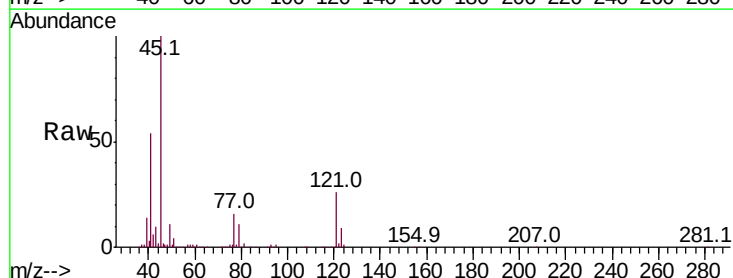
RT: 8.25 min Scan# 877

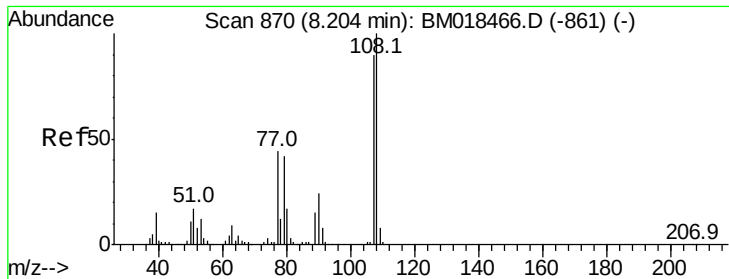
Delta R.T. 0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion:	45	Resp:	622916
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	33.4
79	11.3	0.0	31.1





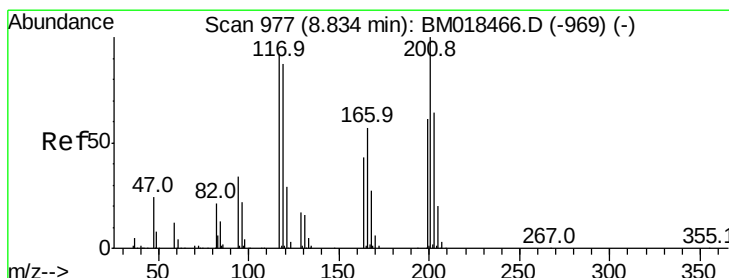
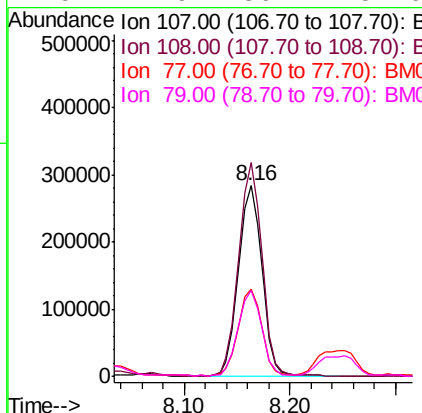
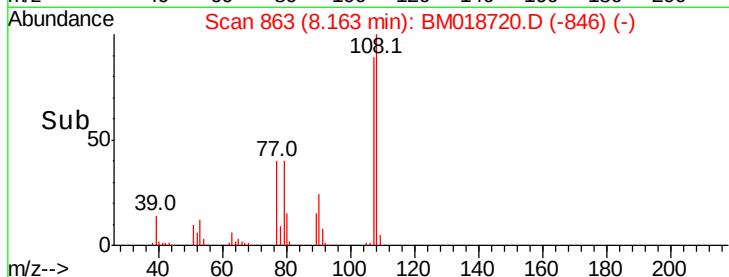
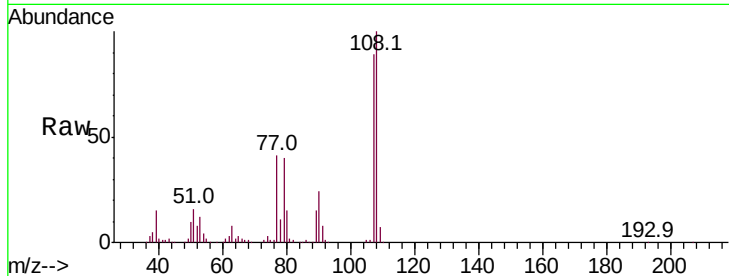
#17
2-Methylphenol
Concen: 41.831 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleID :
PB116792BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	87.5	131.3	
77	45.4	37.3	55.9	
79	44.9	36.4	54.6	

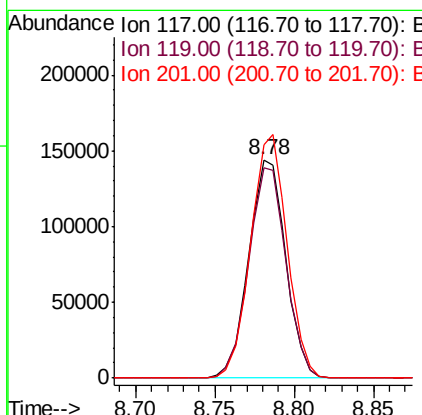
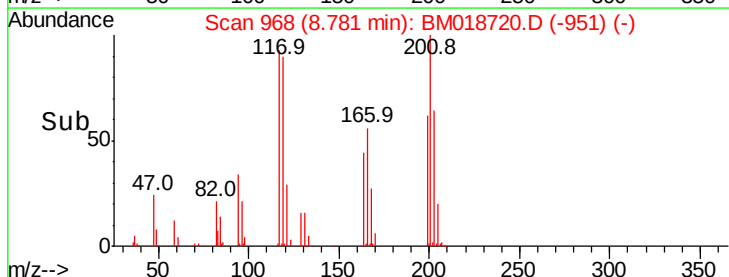
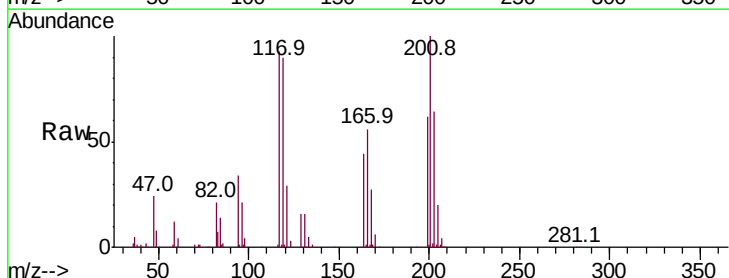
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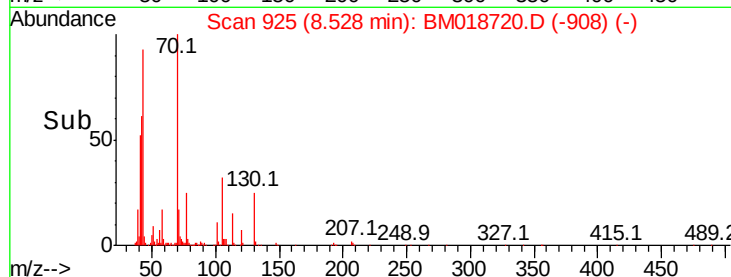
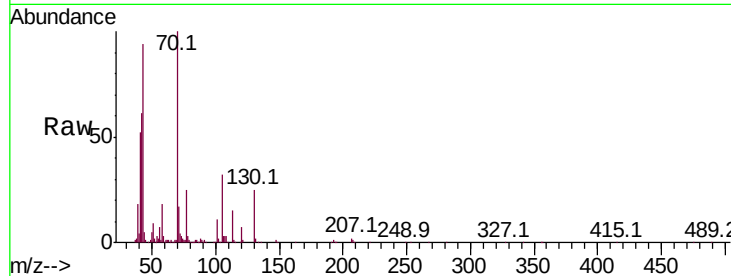
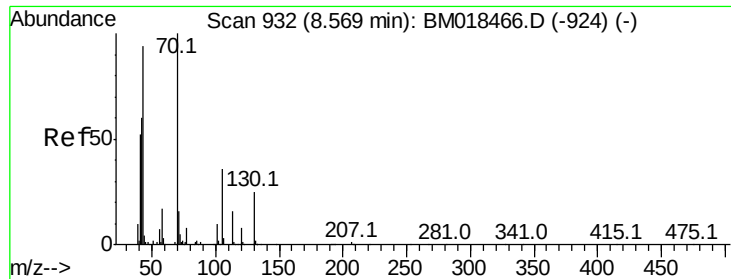
mohammad
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#18
Hexachloroethane
Concen: 39.022 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	78.3	117.5	
201	107.0	81.4	122.0	





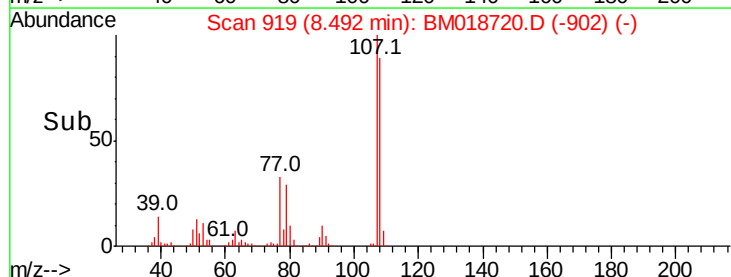
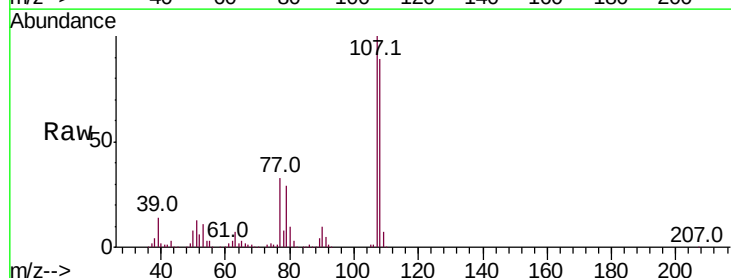
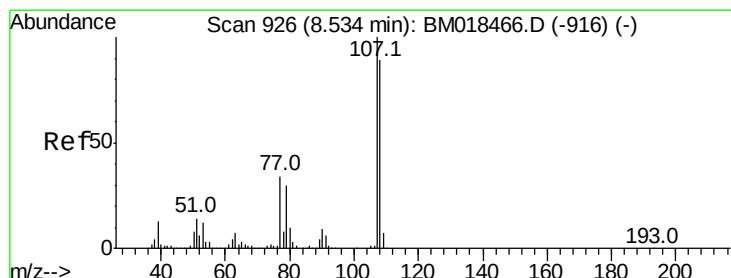
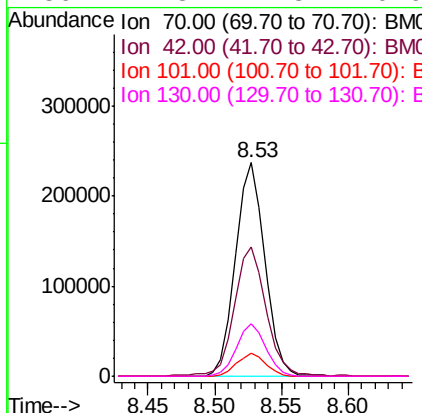
#19
n-Nitroso-di-n-propylamine
Concen: 36.797 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

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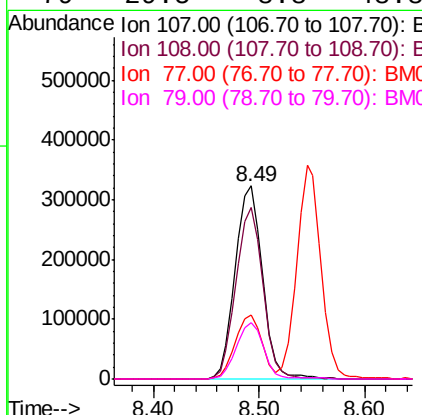
mohammad
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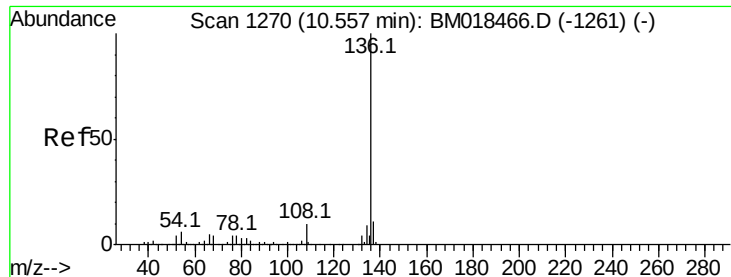
Tot Ion	Ratio	Lower	Upper
70	100		
42	60.8	54.0	81.0
101	10.7	8.1	12.1
130	24.8	17.8	26.6



#20
3+4-Methylphenols
Concen: 40.159 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	66.8	106.8
77	32.9	13.3	53.3
79	29.5	8.8	48.8





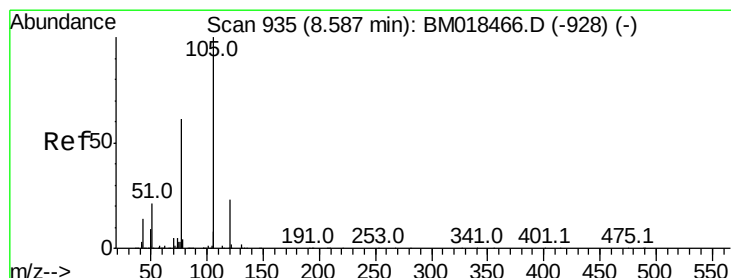
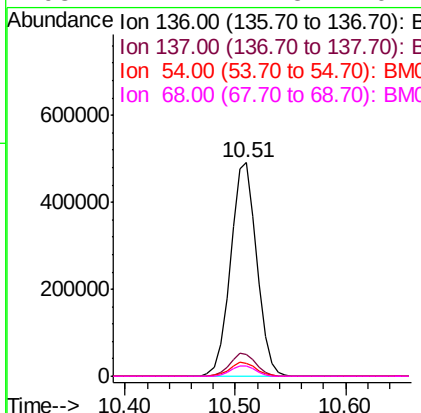
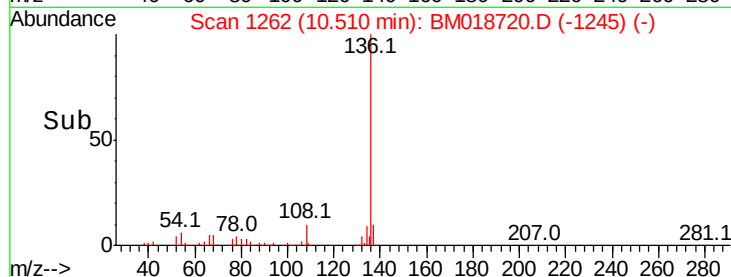
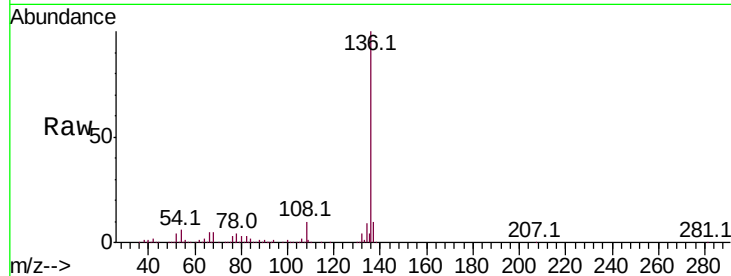
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	813951		
137	10.4		8.5	12.7
54	6.2		6.0	9.0
68	4.7		4.5	6.7

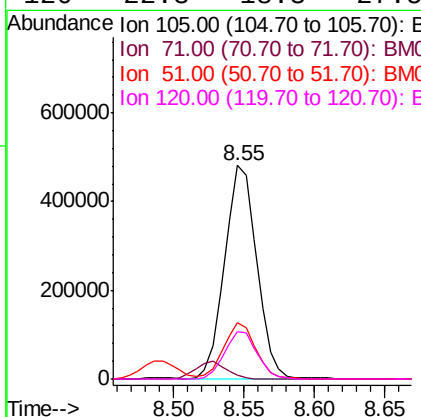
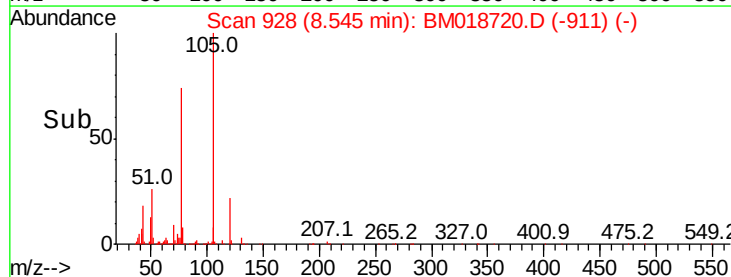
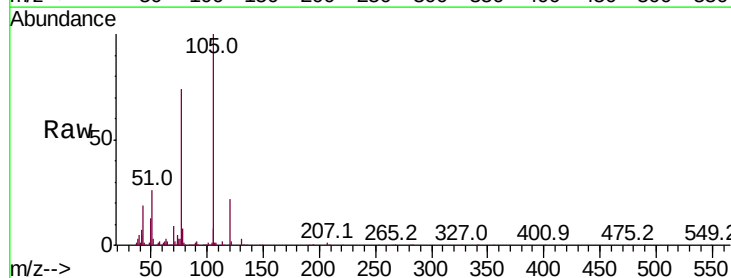
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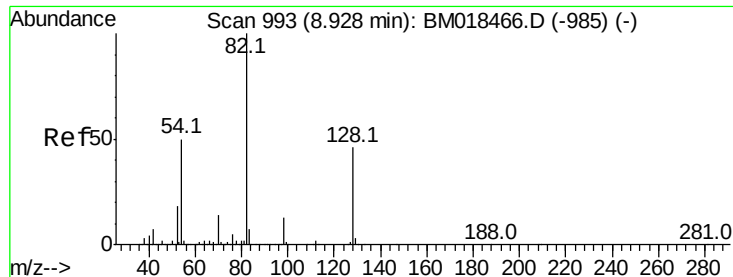
mohammad
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#22
Acetophenone
Concen: 37.810 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	761312		
71	1.6		1.7	2.5#
51	26.4		22.6	34.0
120	22.3		18.3	27.5





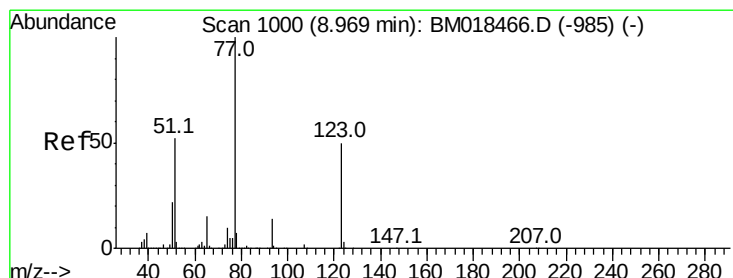
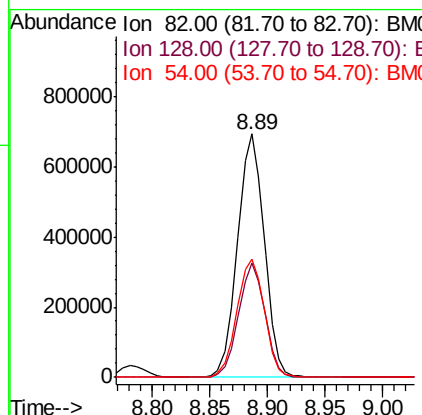
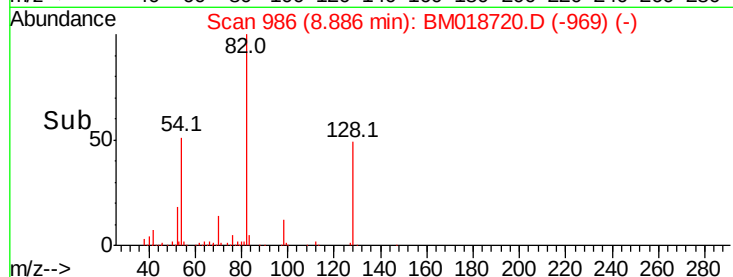
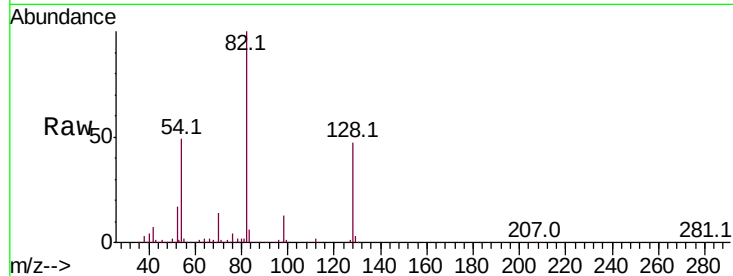
#23
Nitrobenzene-d5
Concen: 79.536 ng
RT: 8.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleID :
PB116792BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	48.6	41.7	62.5

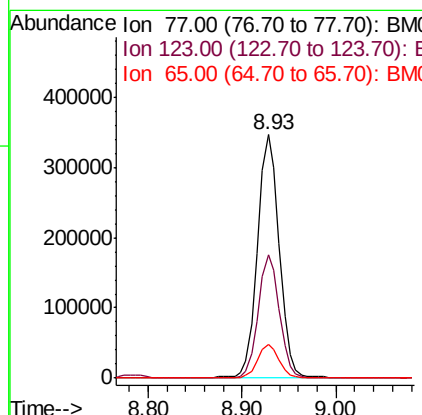
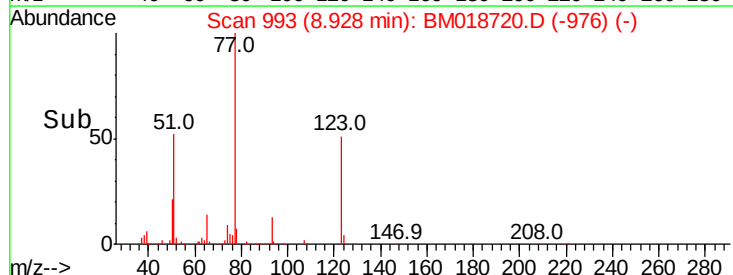
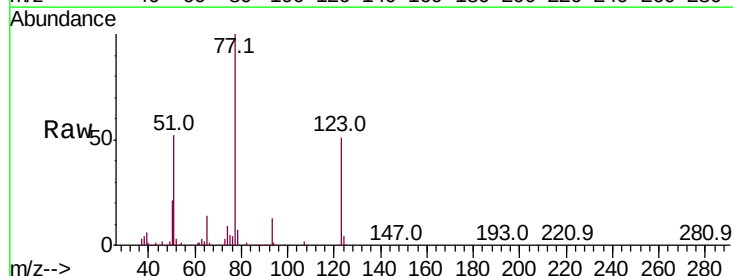
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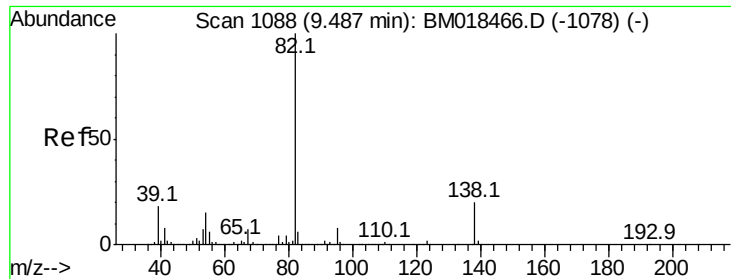
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#24
Nitrobenzene
Concen: 40.188 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	37.7	56.5
65	14.0	11.0	16.6





#25

Isophorone

Concen: 44.462 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

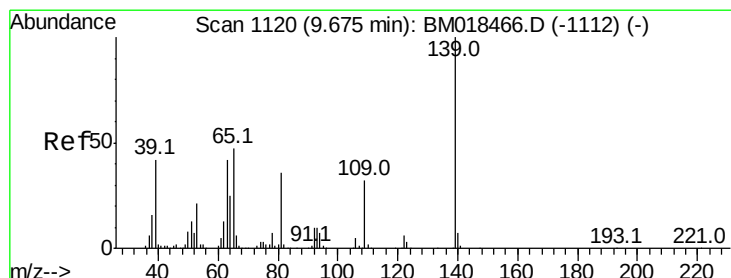
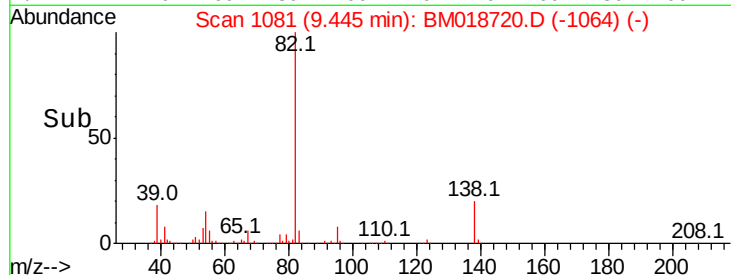
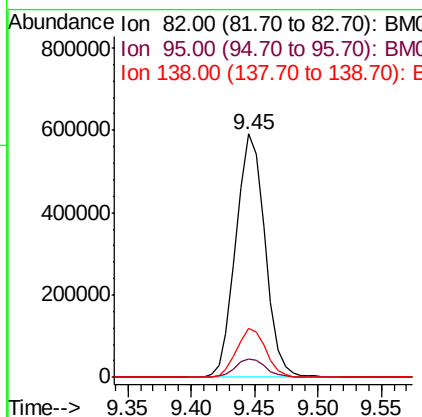
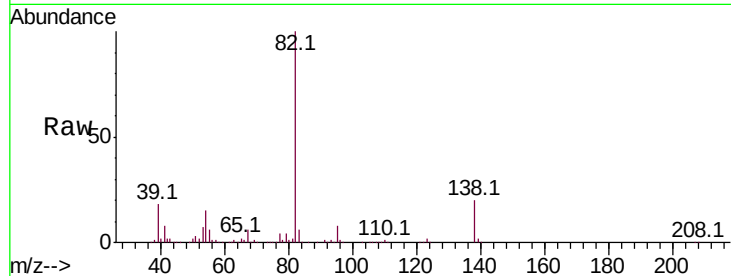
ClientSampleId :

PB116792BS

Tot Ion:	82	Resp:	945337
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.1	9.1
138	20.1	15.1	22.7

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#26

2-Nitrophenol

Concen: 44.128 ng

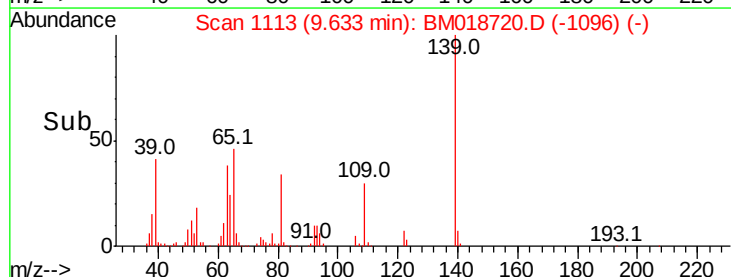
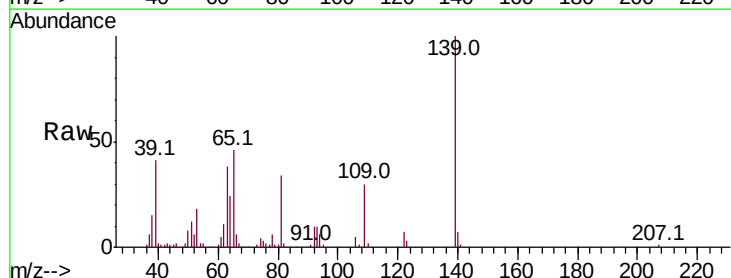
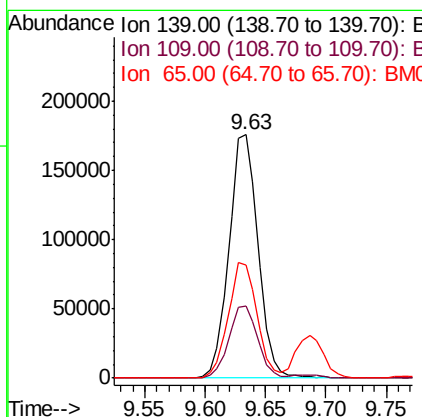
RT: 9.63 min Scan# 1113

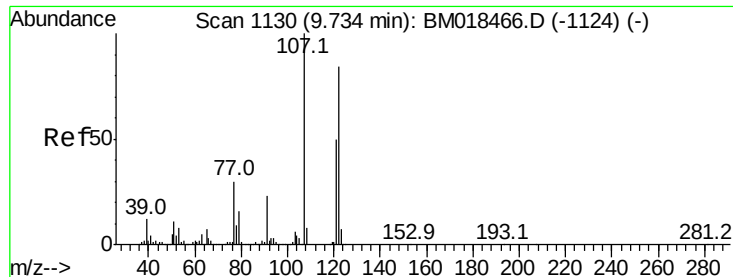
Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion:	139	Resp:	294779
Ion Ratio	Lower	Upper	
139	100		
109	29.7	23.4	35.2
65	46.2	39.4	59.2





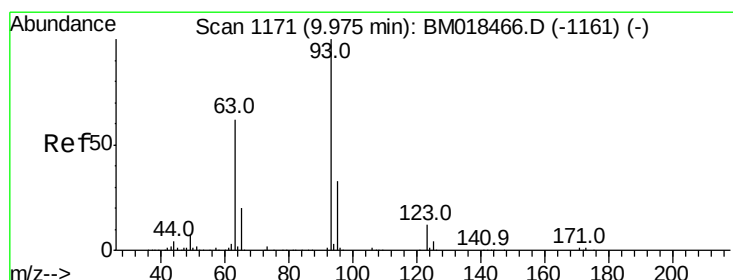
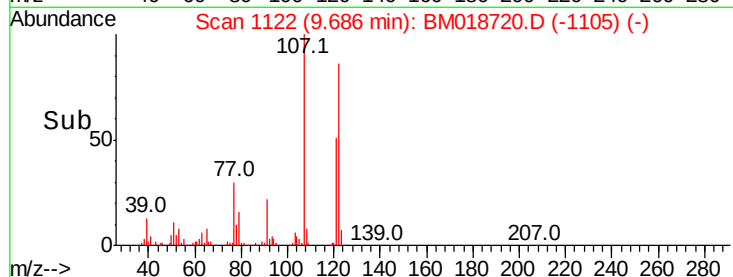
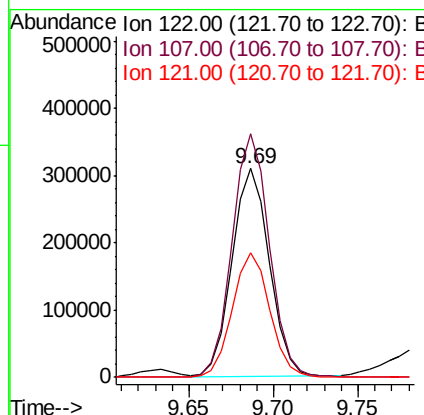
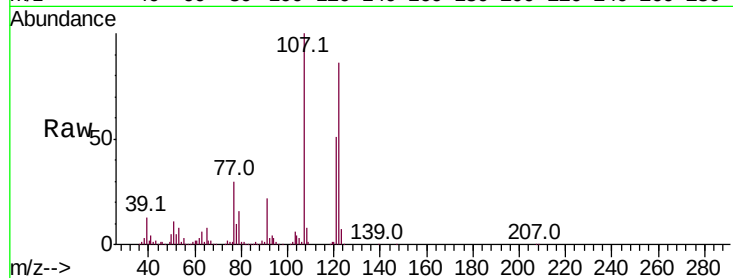
#27
2,4-Dimethylphenol
Concen: 47.386 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.6	91.9	137.9
121	59.6	47.5	71.3

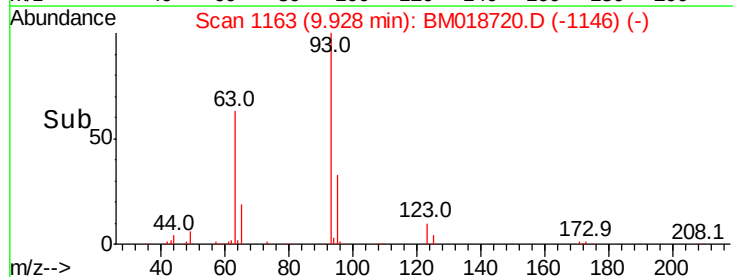
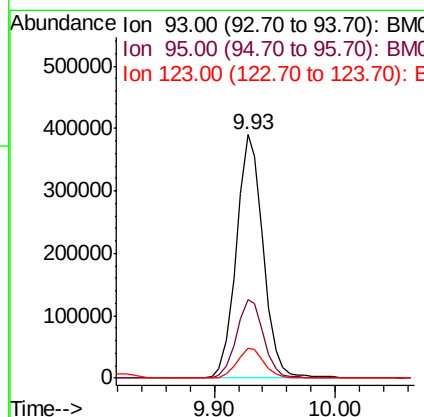
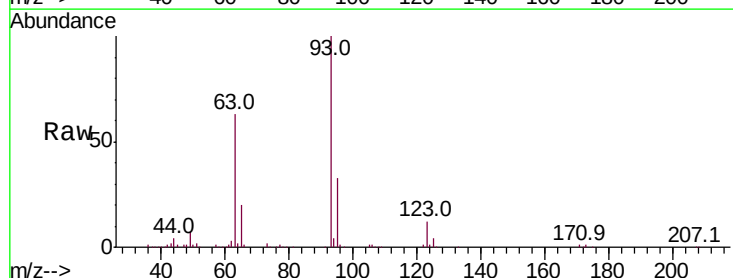
Manual Integrations
APPROVED

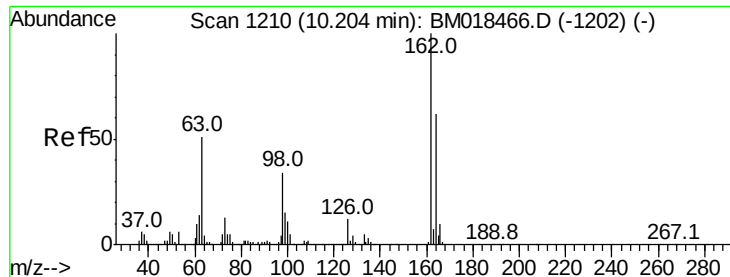
mohammad
2/5/2019 8:41:13 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.045 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	39.8
123	12.1	9.9	14.9





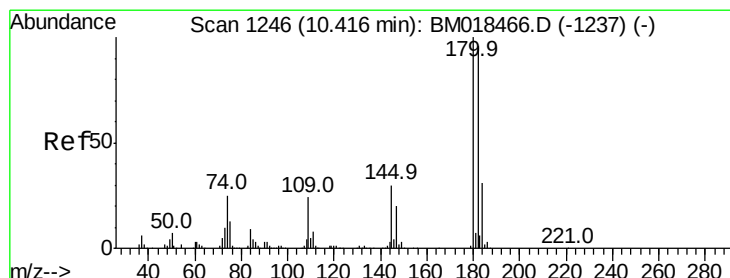
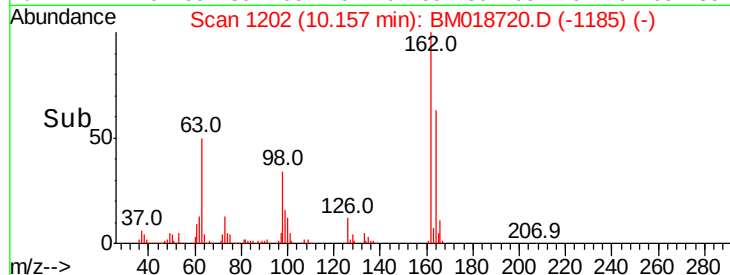
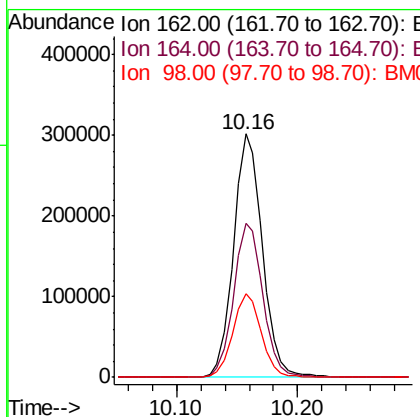
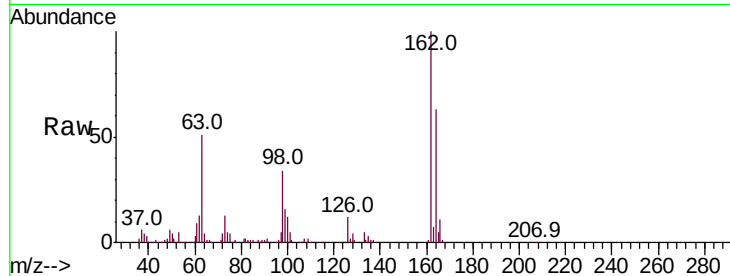
#29
2,4-Dichlorophenol
Concen: 42.087 ng
RT: 10.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.4	45.6	85.6
98	34.2	14.7	54.7

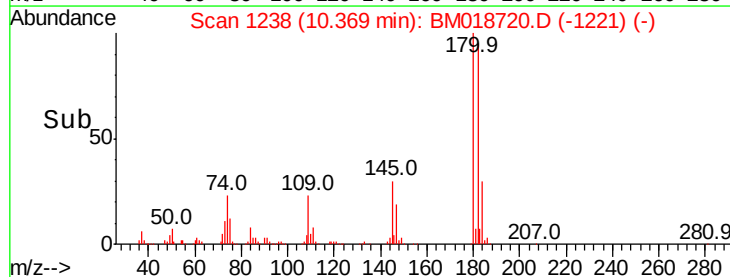
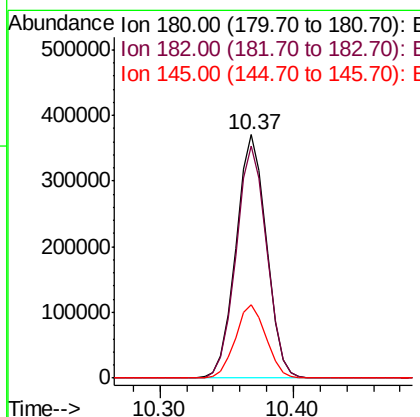
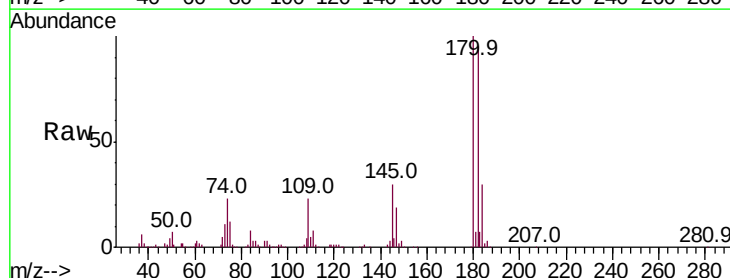
Manual Integrations
APPROVED

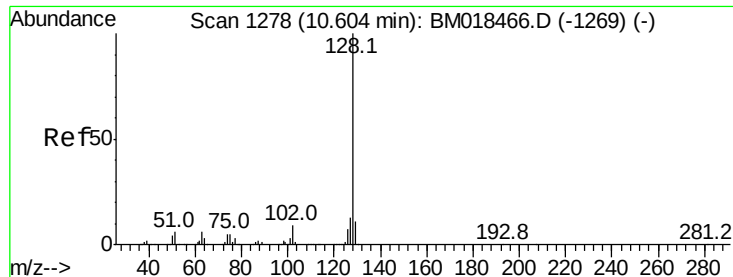
mohammad
2/5/2019 8:41:13 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.536 ng
RT: 10.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	77.4	116.2
145	30.2	24.6	37.0





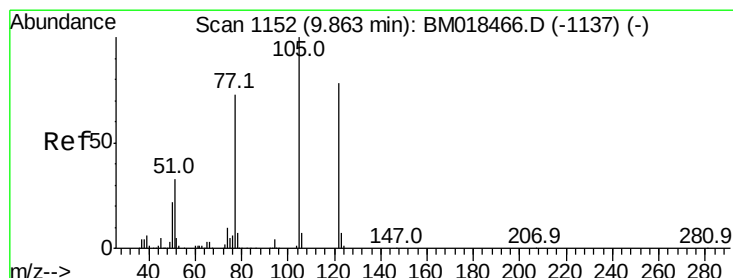
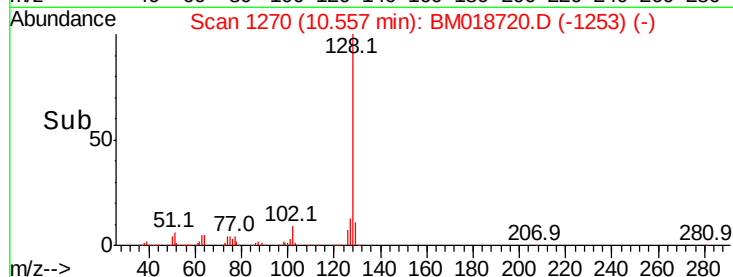
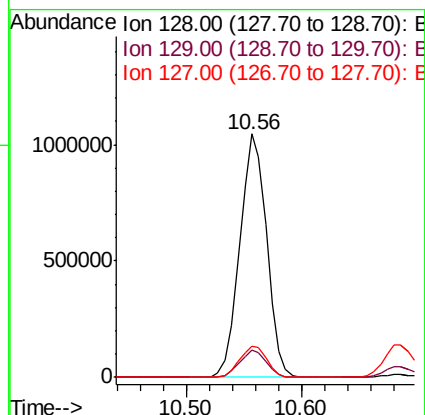
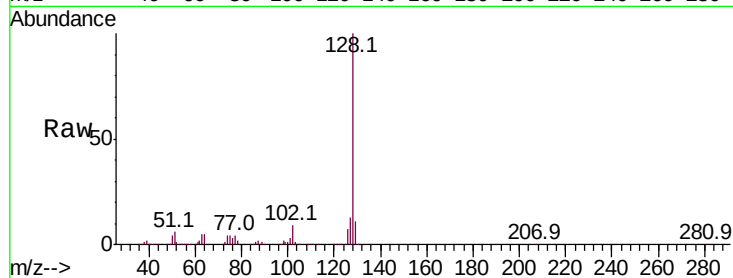
#31
Naphthalene
Concen: 42.902 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.8	16.2

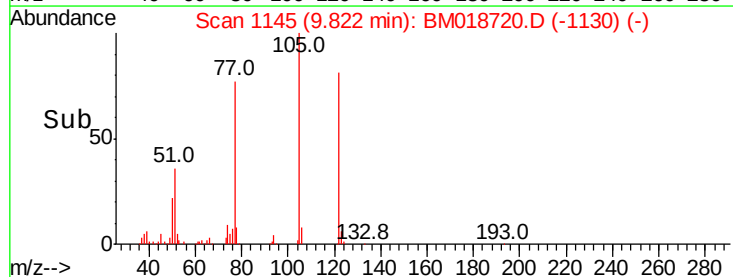
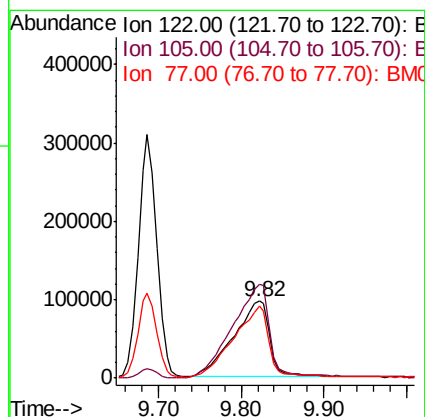
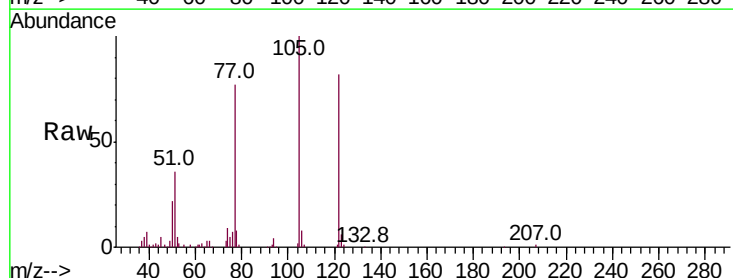
Manual Integrations
APPROVED

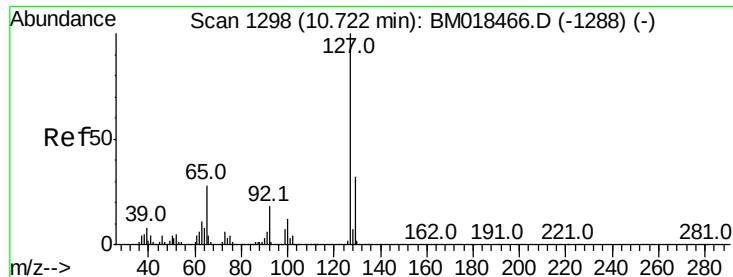
mohammad
2/5/2019 8:41:13 AM



#32
Benzoic acid
Concen: 44.304 ng m
RT: 9.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	100.4	140.4
77	94.0	71.7	111.7





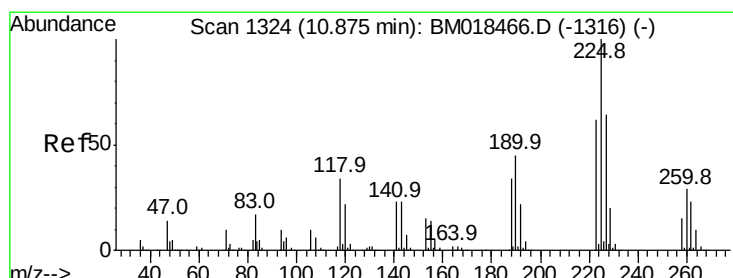
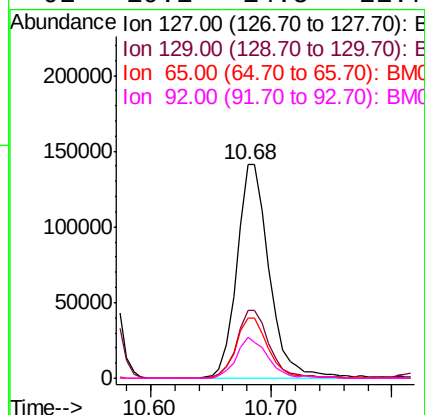
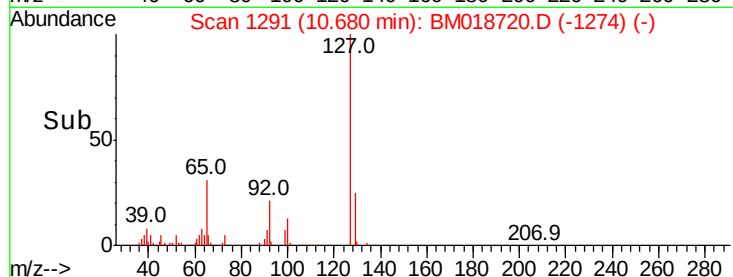
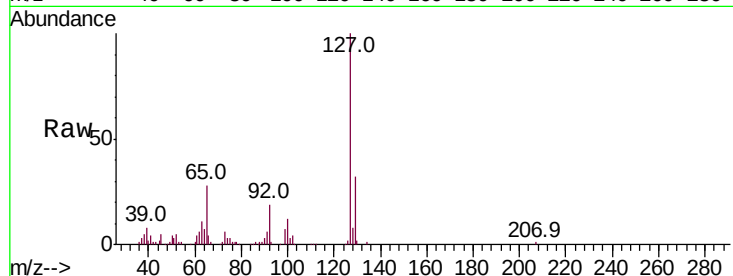
#33
4-Chloroaniline
Concen: 17.061 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.6	25.9	38.9
65	28.1	23.4	35.2
92	19.1	14.5	21.7

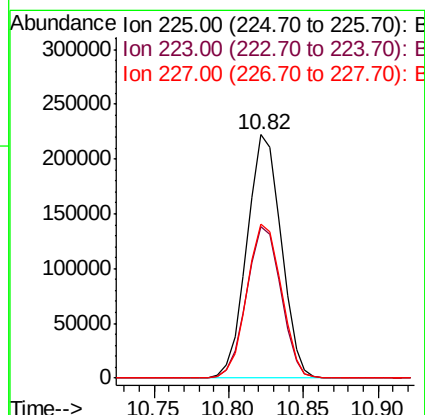
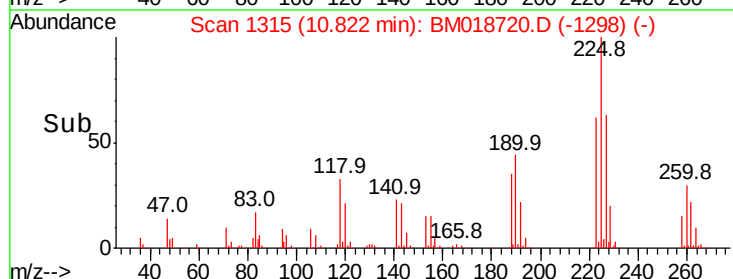
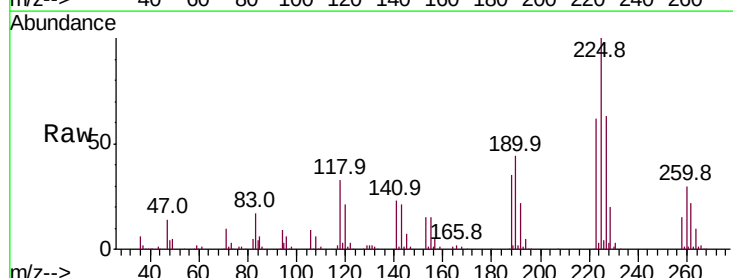
Manual Integrations
APPROVED

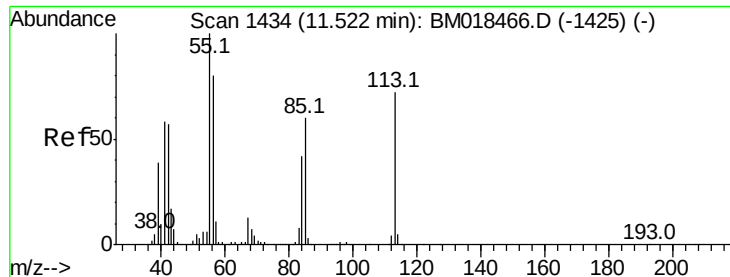
mohammad
2/5/2019 8:41:13 AM



#34
Hexachlorobutadiene
Concen: 37.763 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.5	50.8	76.2
227	63.4	50.4	75.6





#35

Caprolactam

Concen: 31.626 ng/mL

RT: 11.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

Tot Ion:113 Resp: 128200

Ion Ratio Lower Upper

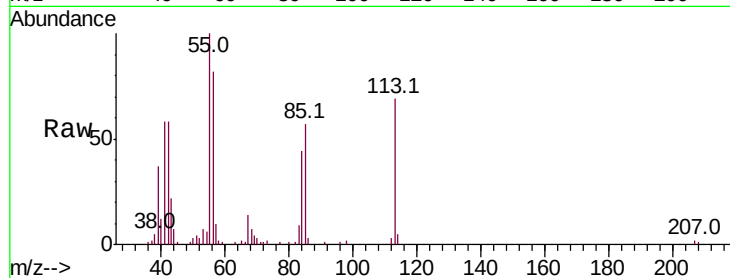
113 100

55 145.1 139.3 179.3

56 119.2 101.4 141.4

Manual Integrations
APPROVED

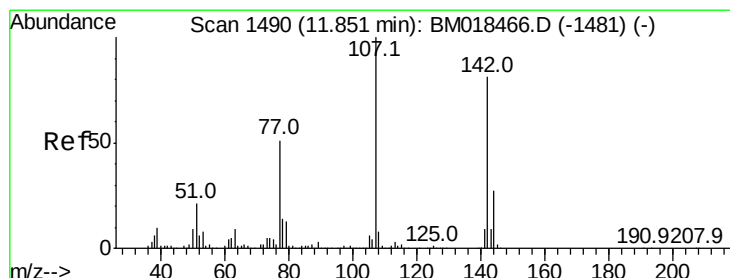
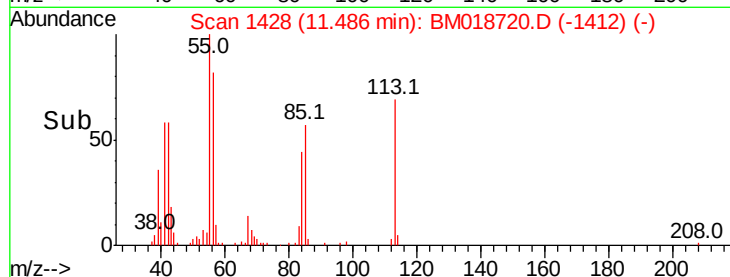
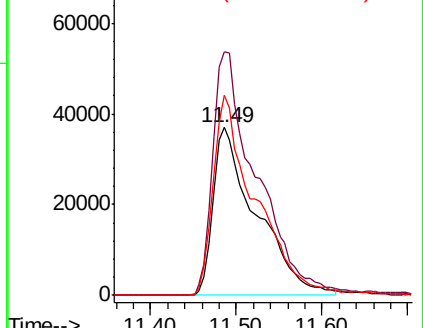
mohammad
2/5/2019 8:41:13 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM018720.D (-1425) (-)

Ion 56.00 (55.70 to 56.70): BM018720.D (-1425) (-)



#36

4-Chloro-3-methylphenol

Concen: 38.745 ng/mL

RT: 11.80 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

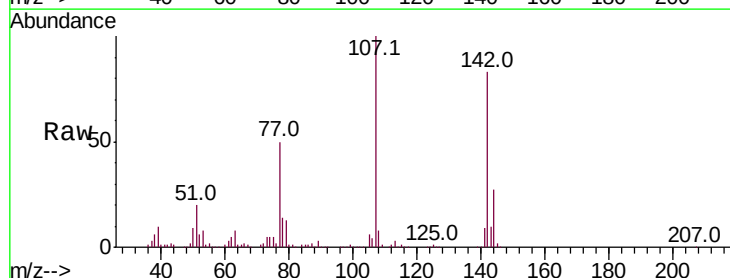
Tgt Ion:107 Resp: 484640

Ion Ratio Lower Upper

107 100

144 26.6 21.9 32.9

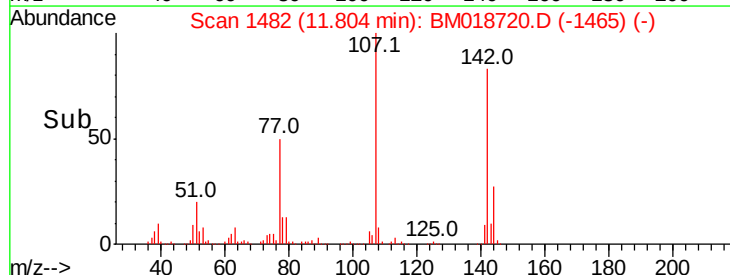
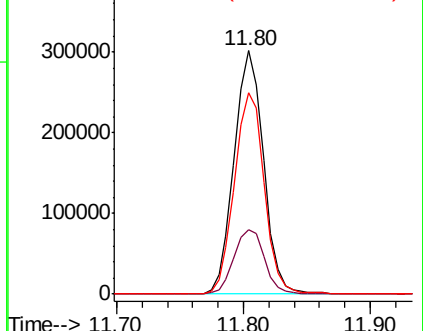
142 82.7 67.9 101.9

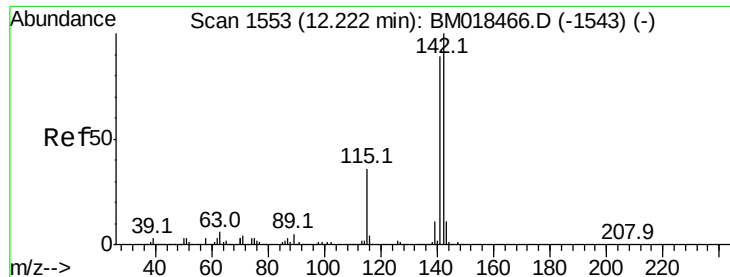


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





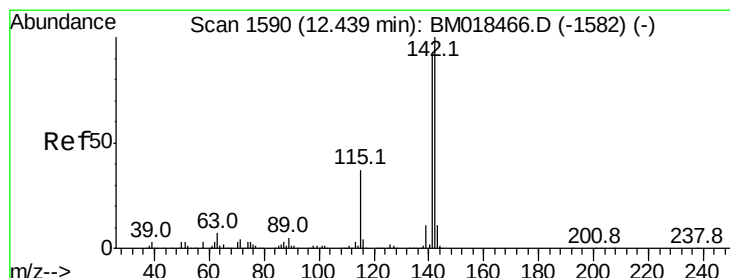
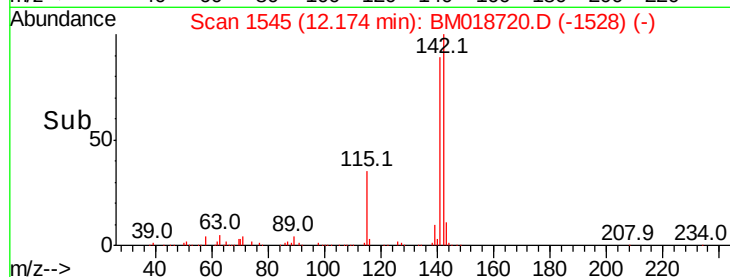
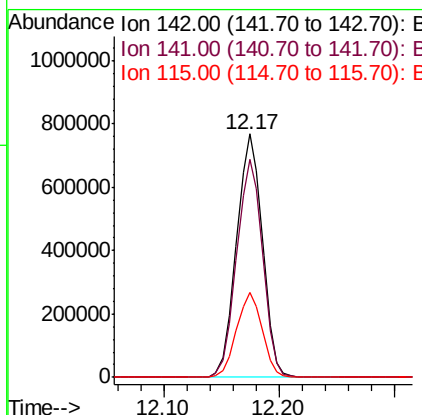
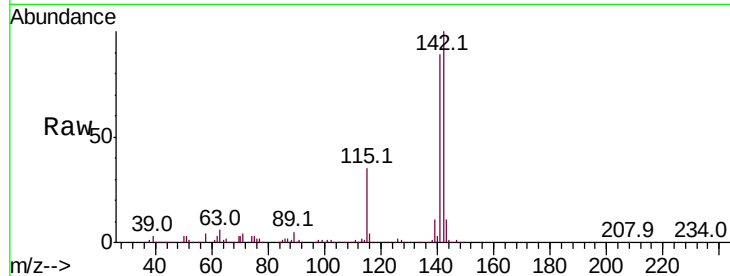
#37
2-Methylnaphthalene
Concen: 43.026 ng
RT: 12.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampled :
PB116792BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	34.8	28.0	42.0

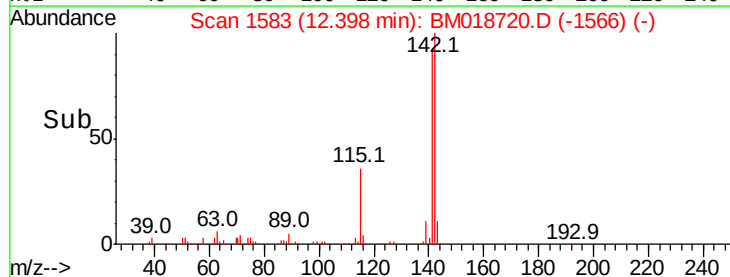
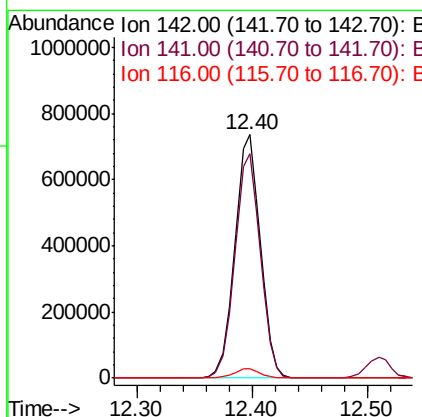
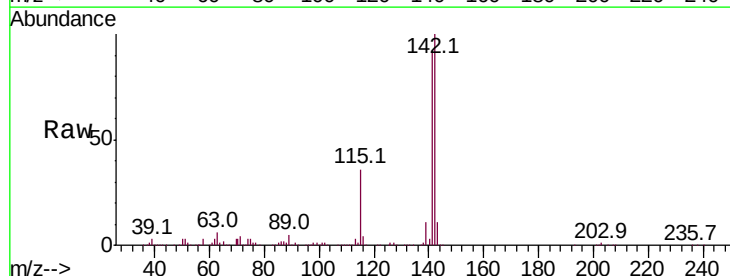
Manual Integrations
APPROVED

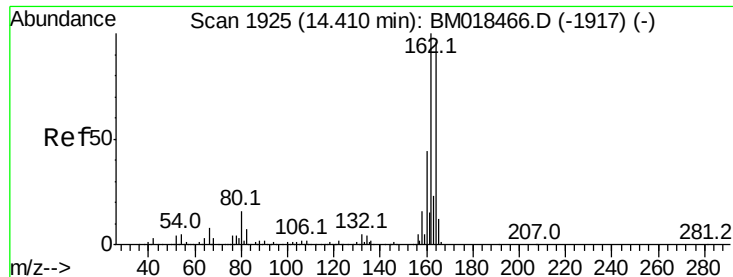
mohammad
2/5/2019 8:41:13 AM



#38
1-Methylnaphthalene
Concen: 41.840 ng
RT: 12.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.6	113.4
116	3.7	3.0	4.6





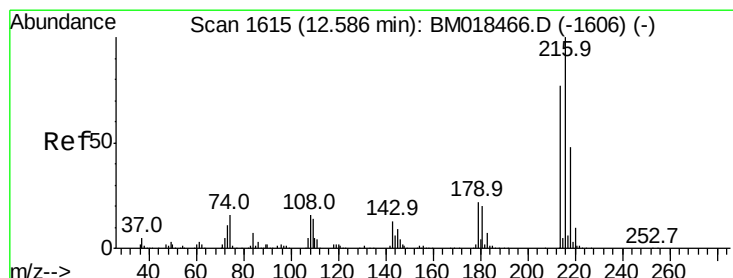
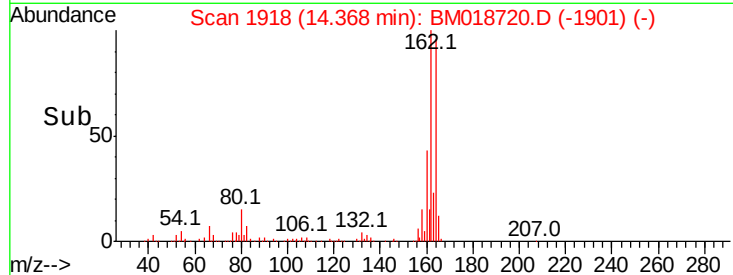
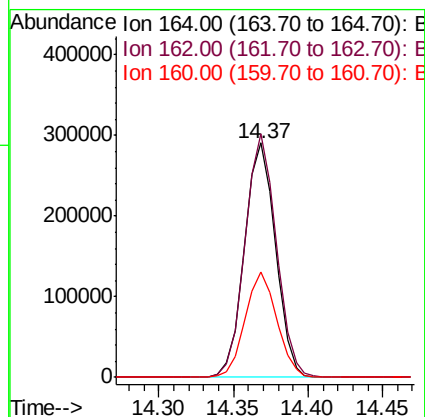
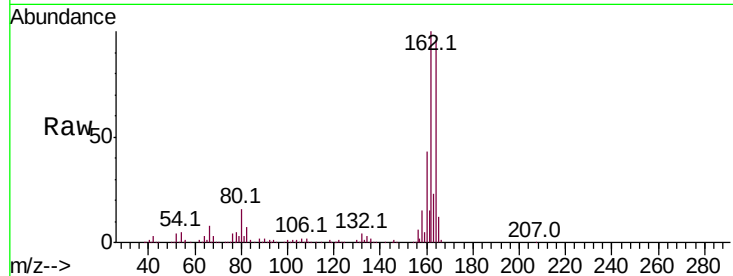
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	83.0	124.4	
160	44.7	37.1	55.7	

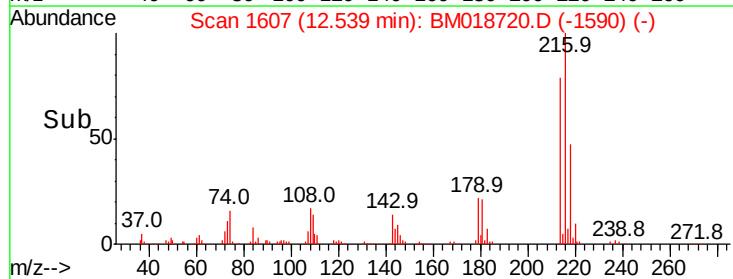
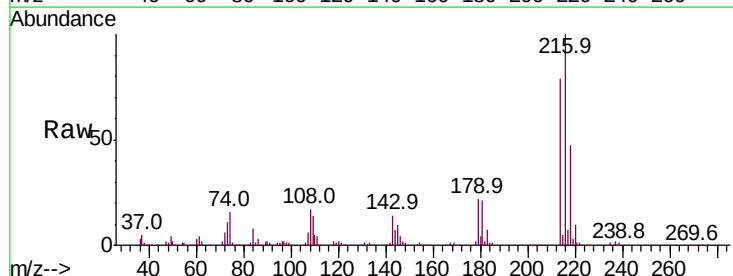
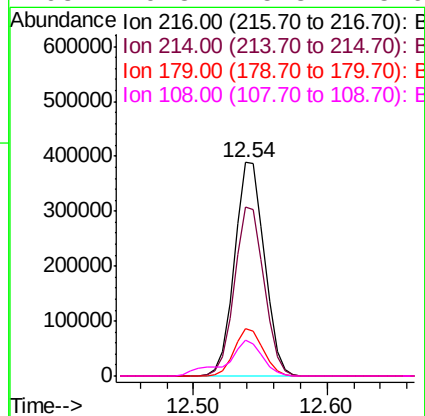
Manual Integrations
APPROVED

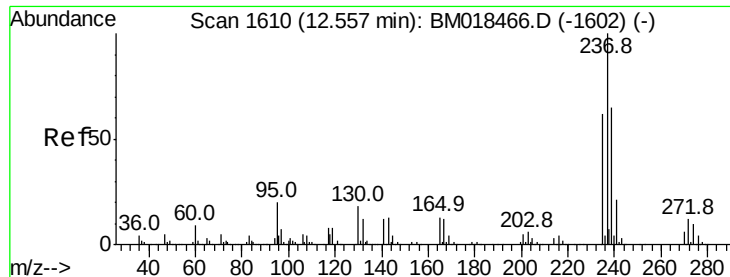
mohammad
2/5/2019 8:41:13 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.257 ng
RT: 12.54 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.4	95.0	
179	21.6	17.9	26.9	
108	19.8	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 94.862 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

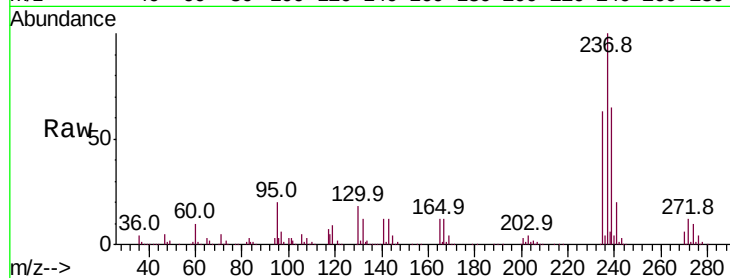
ClientSampleId :

PB116792BS

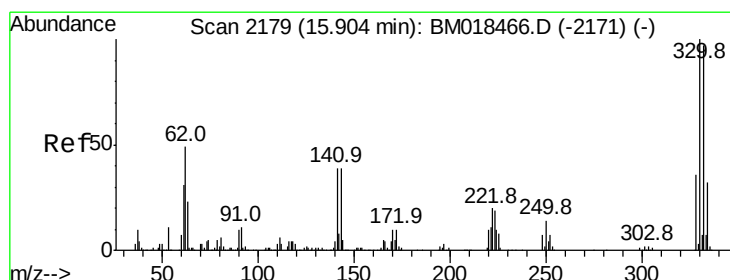
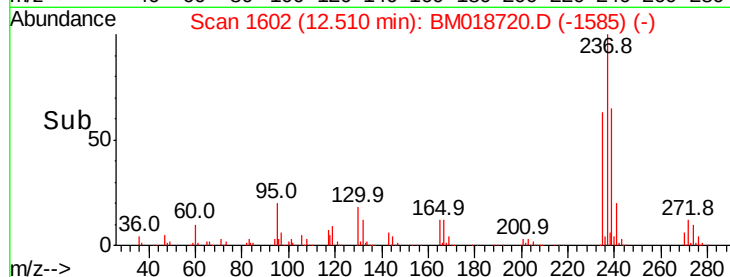
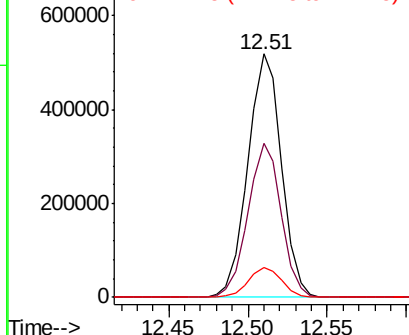
Tot Ion:	237	Resp:	761935
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.8	82.8
272	12.3	0.0	31.9

Manual Integrations
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mohammad
2/5/2019 8:41:13 AM



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



#42

2,4,6-Tribromophenol

Concen: 124.093 ng

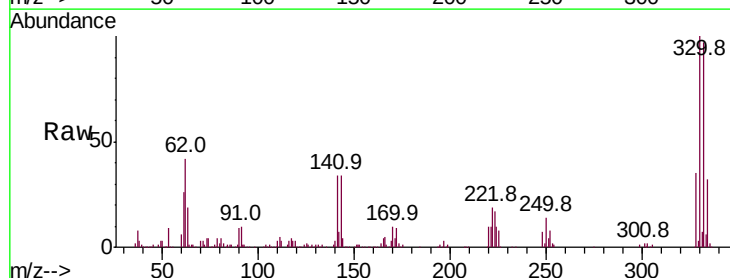
RT: 15.87 min Scan# 2173

Delta R.T. 0.01 min

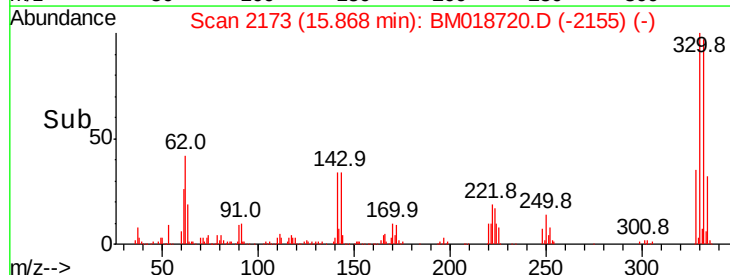
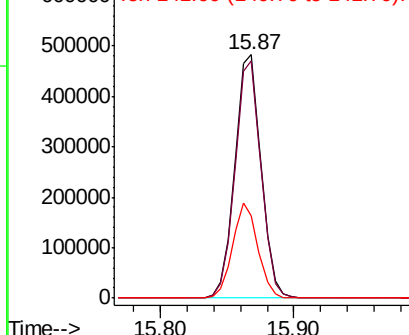
Lab File: BM018720.D

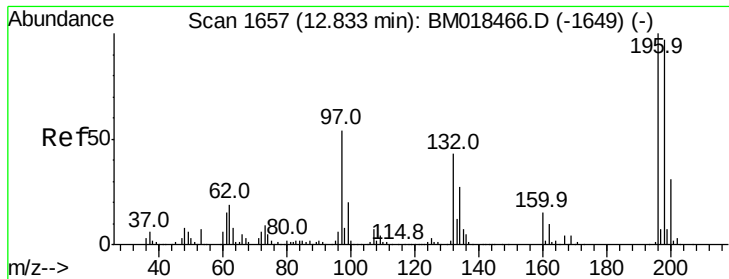
Acq: 04 Feb 2019 15:59

Tgt Ion:	330	Resp:	661255
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.6	116.4
141	37.6	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





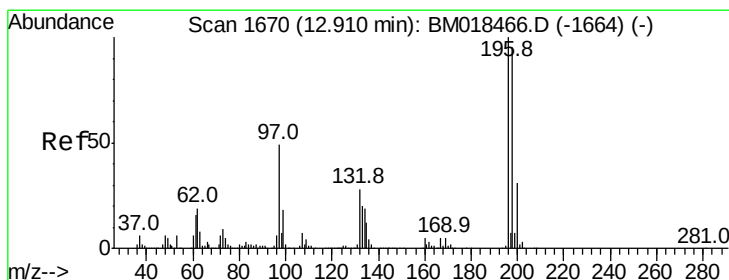
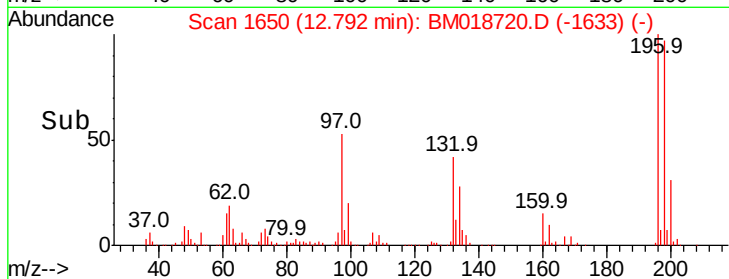
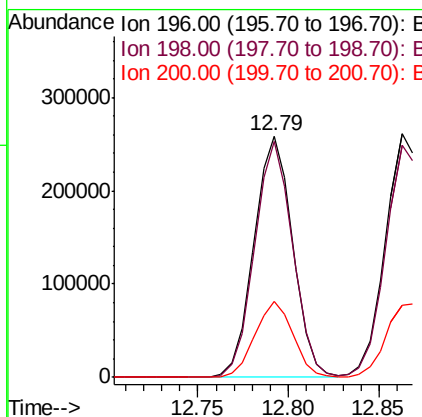
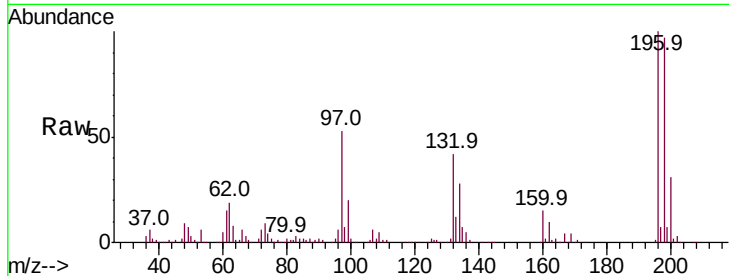
#43
2,4,6-Trichlorophenol
Concen: 43.135 ng
RT: 12.79 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	383343		
198	97.5	76.6	115.0	
200	31.3	24.2	36.4	

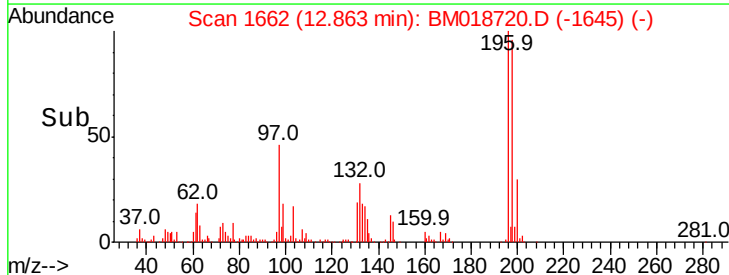
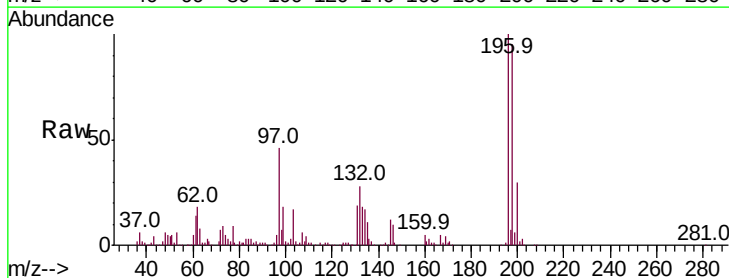
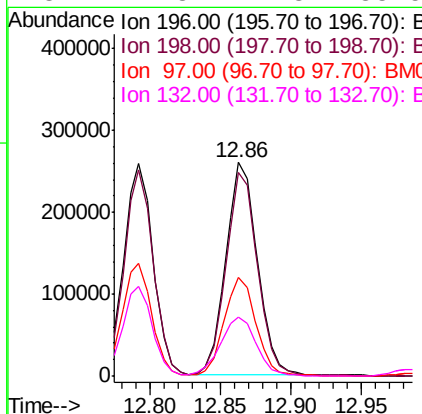
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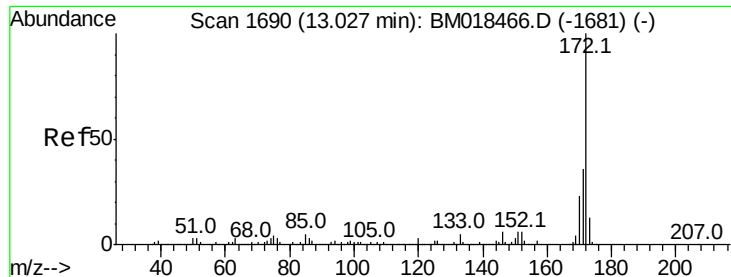
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 43.377 ng
RT: 12.86 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	405429		
198	95.4	76.7	115.1	
97	45.9	39.2	58.8	
132	27.8	22.3	33.5	





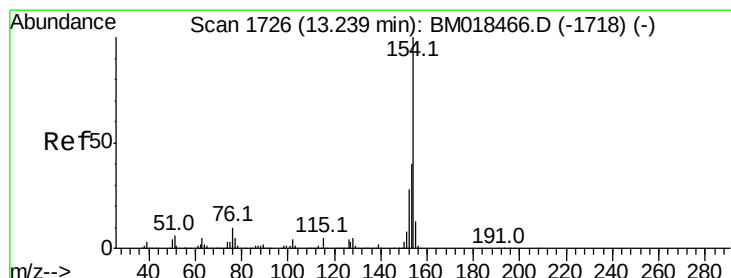
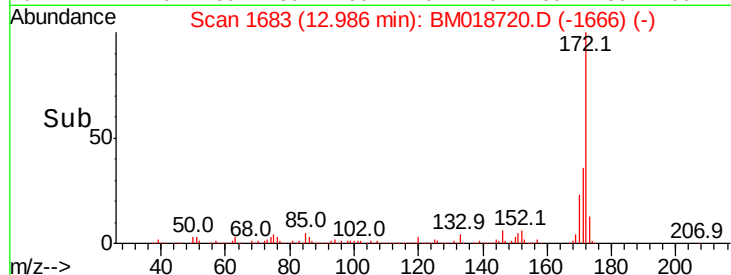
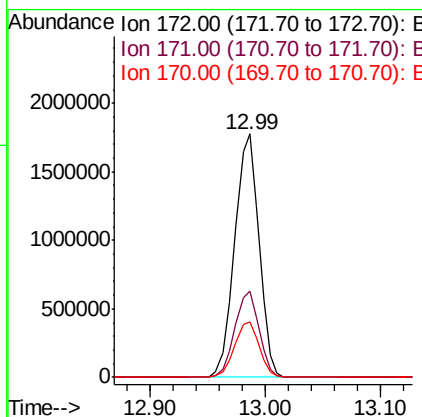
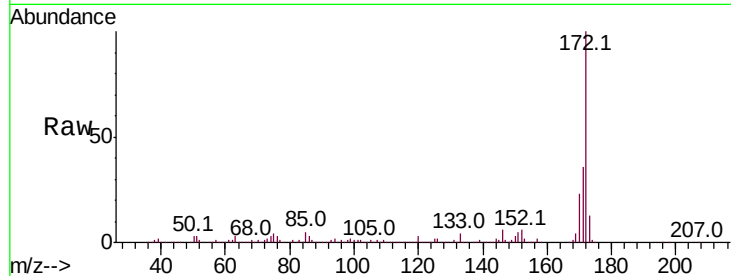
#45
2-Fluorobiphenyl
Concen: 80.763 ng
RT: 12.99 min Scan# 1683
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.0	18.9	28.3

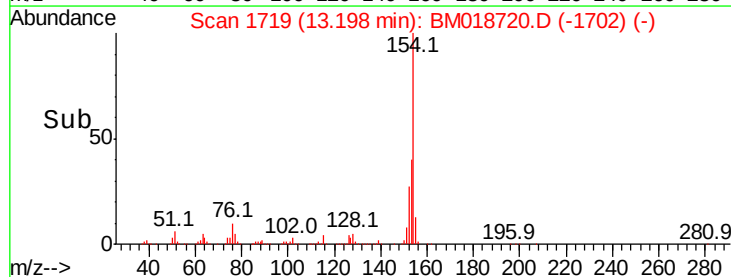
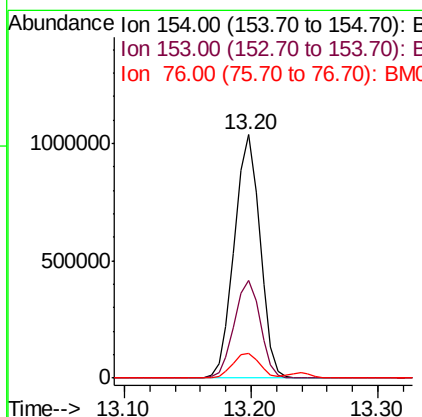
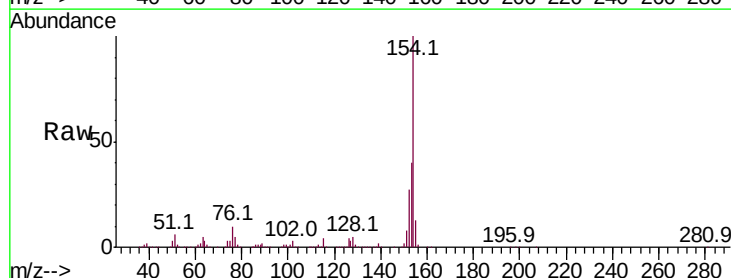
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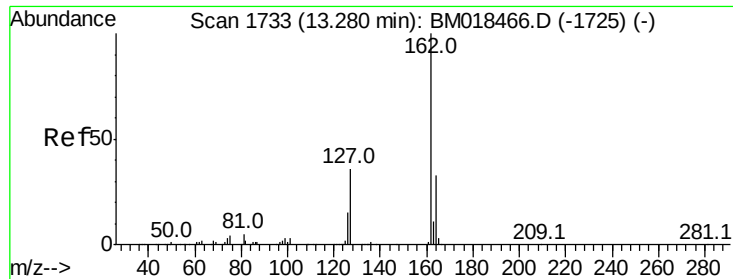
mohammad
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#46
1,1'-Biphenyl
Concen: 39.816 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	10.4	0.0	31.9





#47

2-Chloronaphthalene

Concen: 39.934 ng

RT: 13.24 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

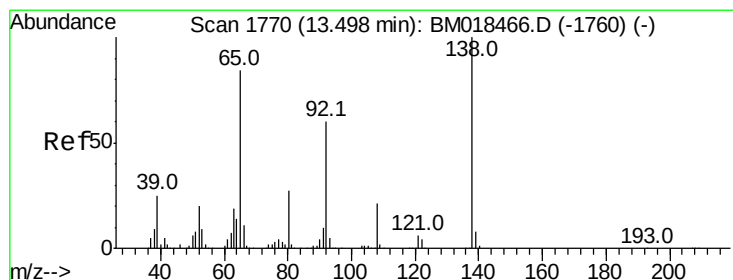
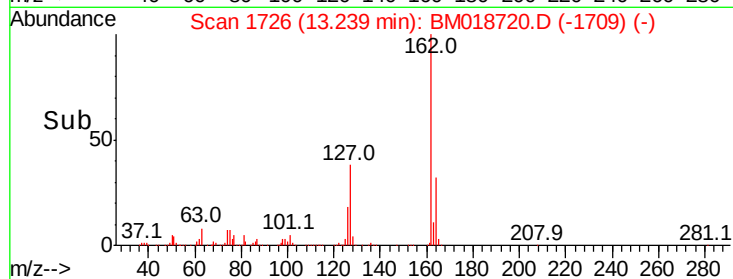
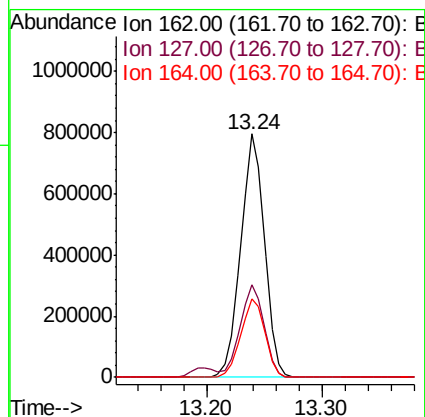
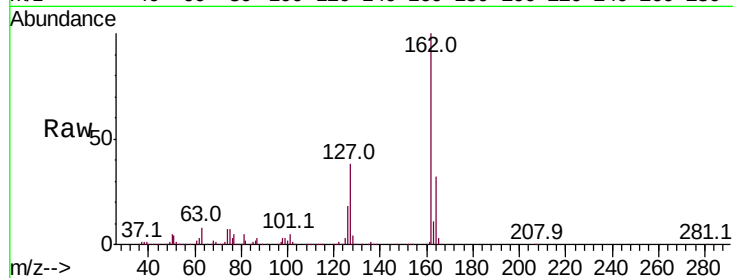
Instrument :
BNA_M

ClientSampleId :
PB116792BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.4	47.0
164	32.4	26.2	39.4

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#48

2-Nitroaniline

Concen: 39.818 ng

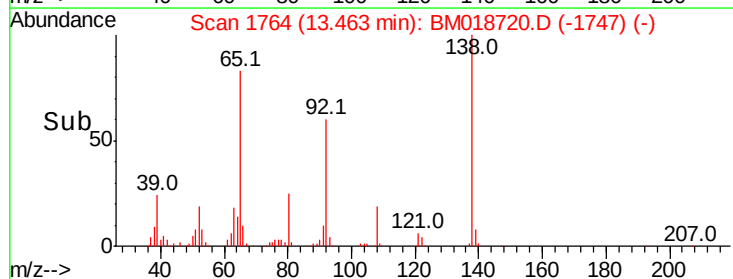
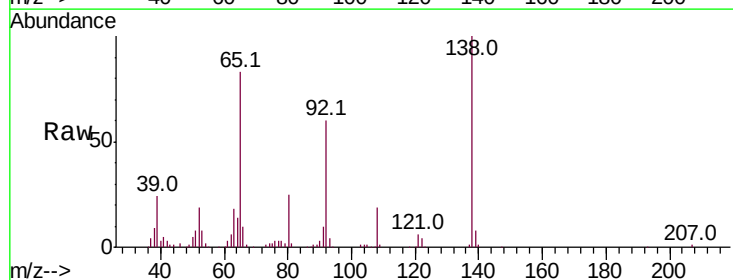
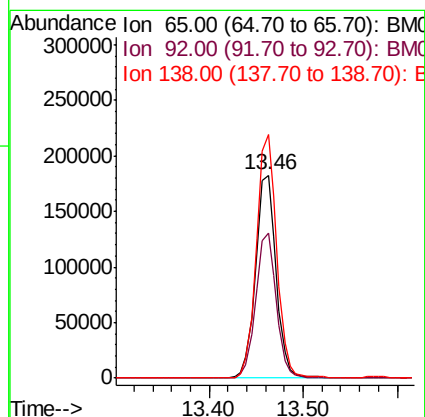
RT: 13.46 min Scan# 1764

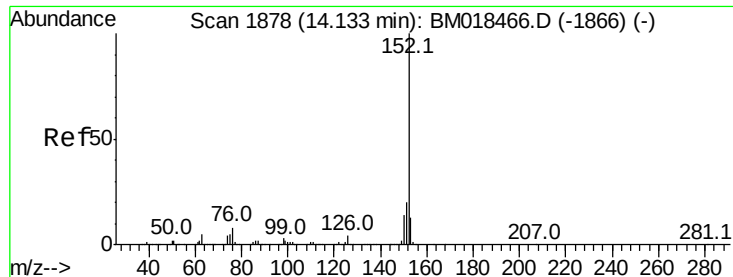
Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.4	80.2
138	119.8	88.9	133.3





#49

Acenaphthylene

Concen: 42.570 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

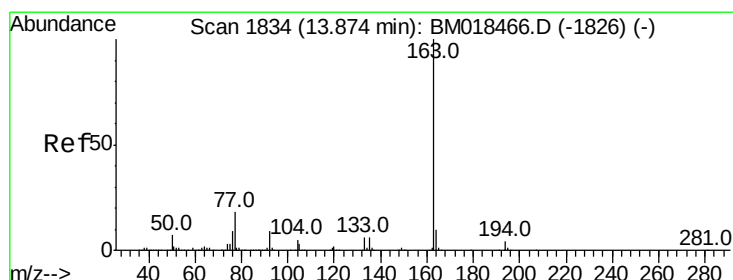
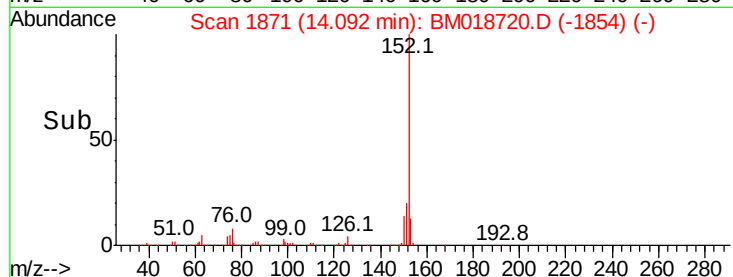
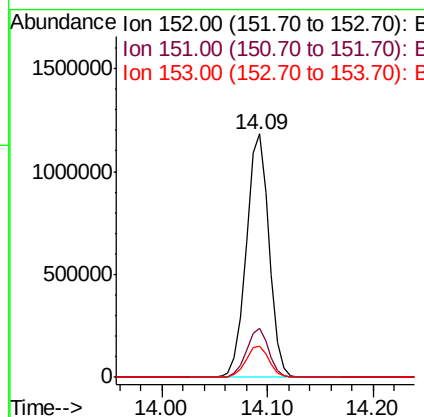
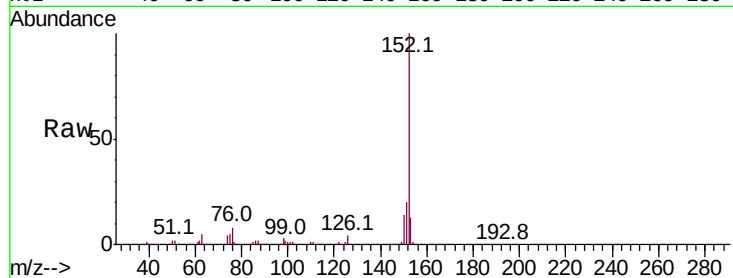
ClientSampleId :

PB116792BS

Tot Ion:	152	Resp:	1757925
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.6	10.5	15.7

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#50

Dimethylphthalate

Concen: 38.570 ng

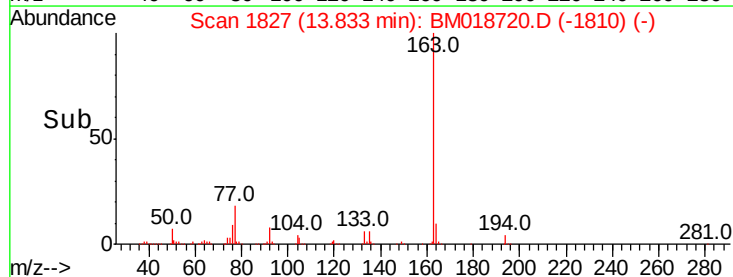
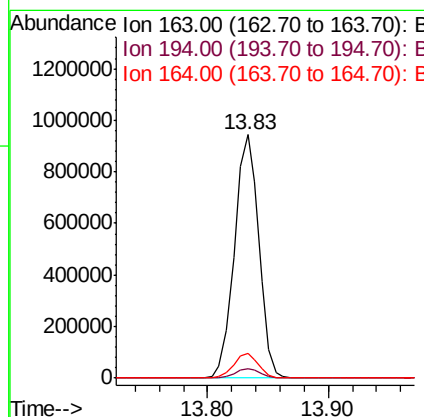
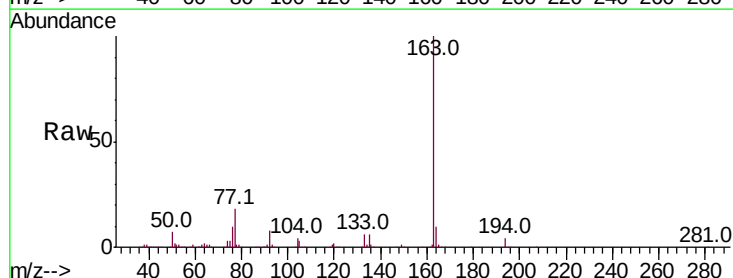
RT: 13.83 min Scan# 1827

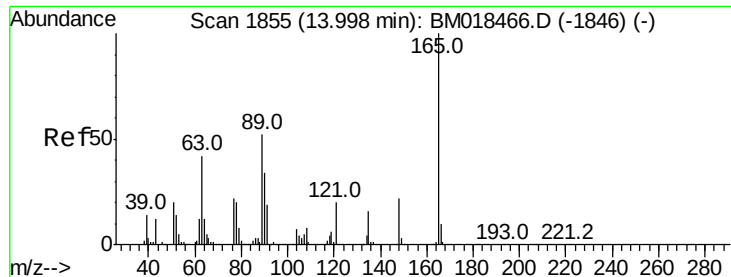
Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion:	163	Resp:	1325667
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.1	7.8	11.8





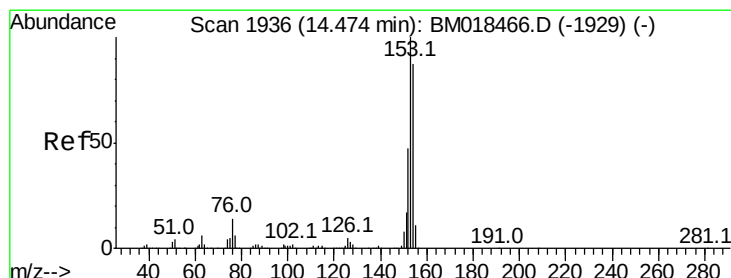
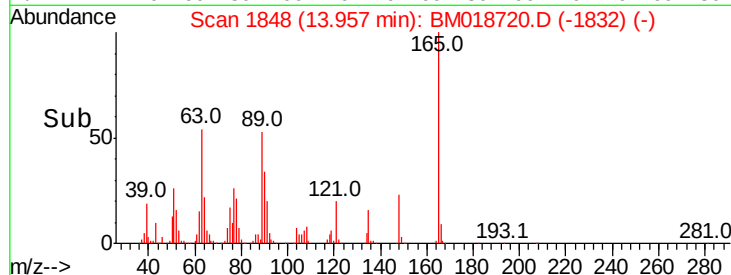
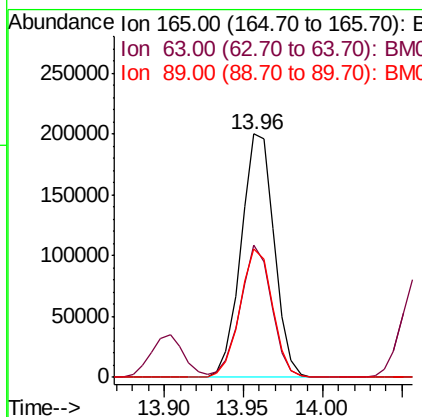
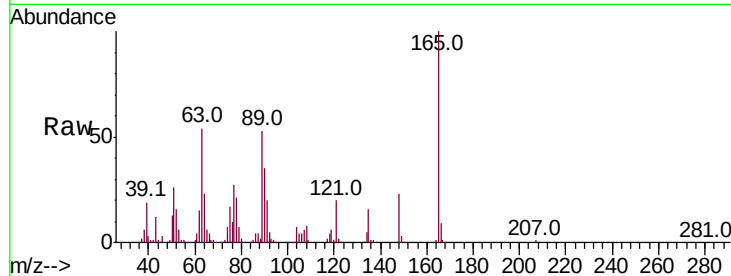
#51
 2,6-Dinitrotoluene
 Concen: 39.698 ng
 RT: 13.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	289018		
63	54.2		45.6	68.4
89	53.0		44.6	66.8

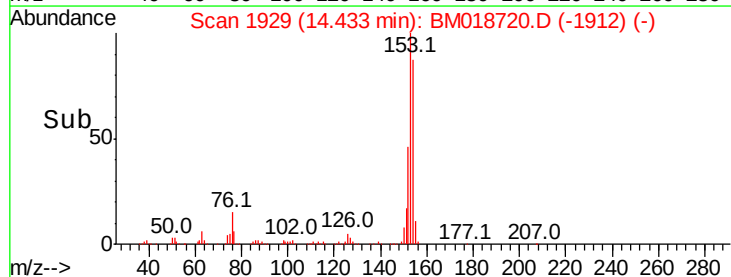
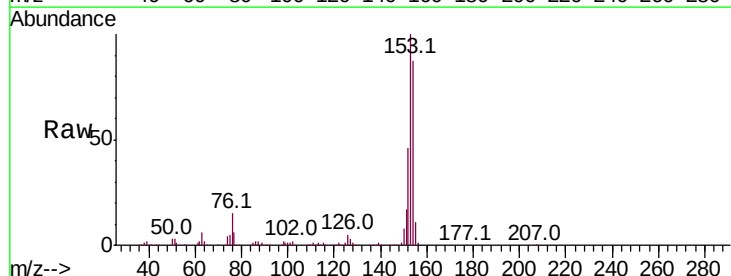
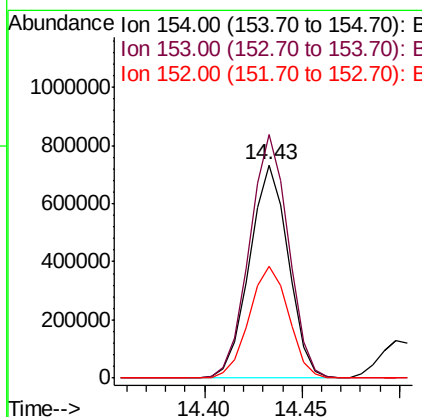
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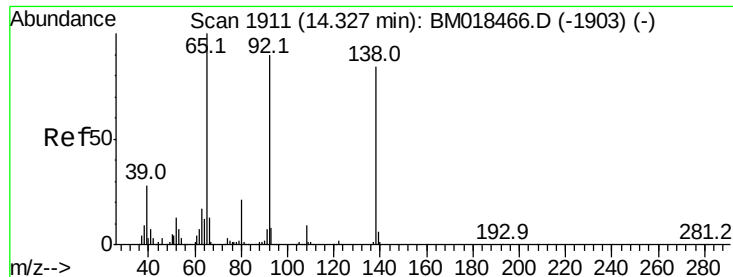
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#52
 Acenaphthene
 Concen: 40.126 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1013849		
153	114.3		92.3	138.5
152	52.7		43.8	65.6





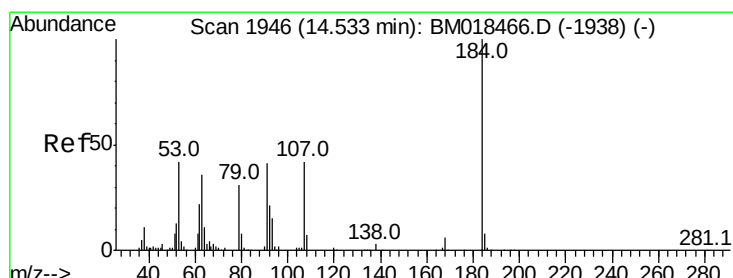
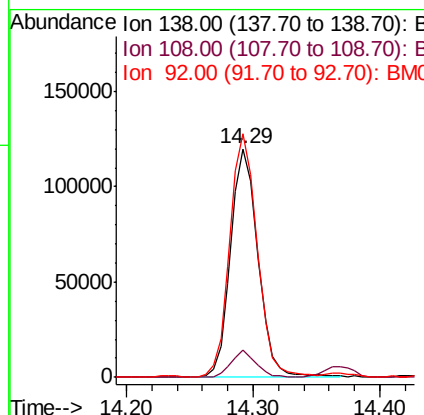
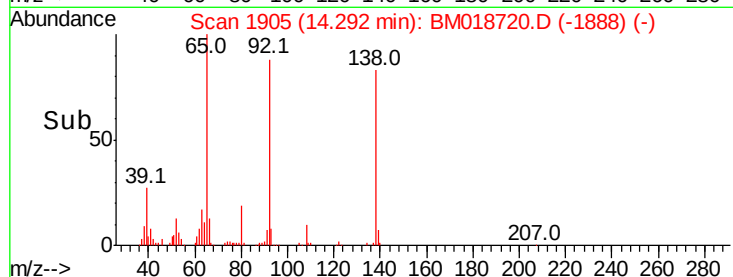
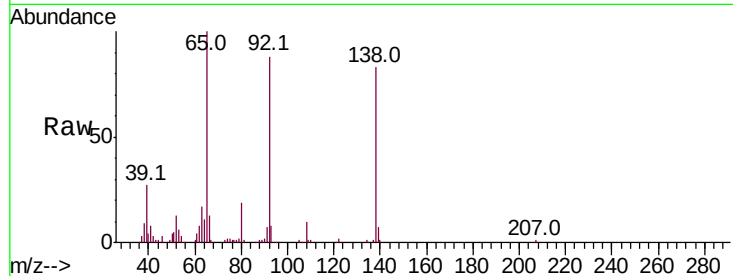
#53
3-Nitroaniline
Concen: 24.384 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.1	13.7
92	106.5	88.2	132.2

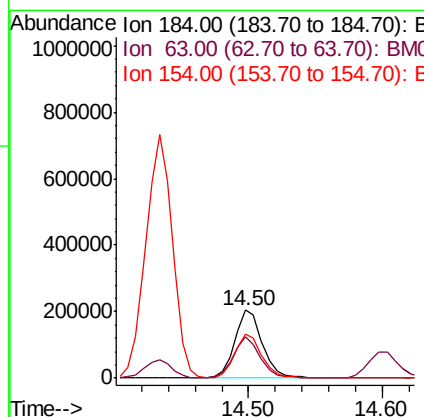
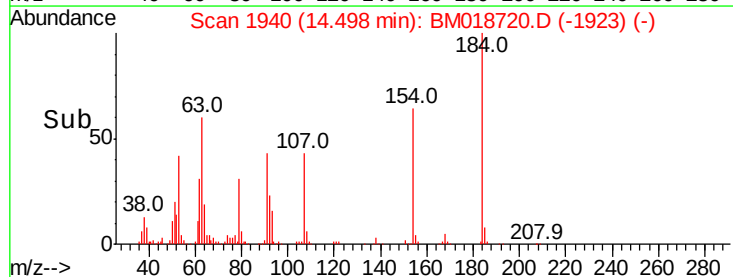
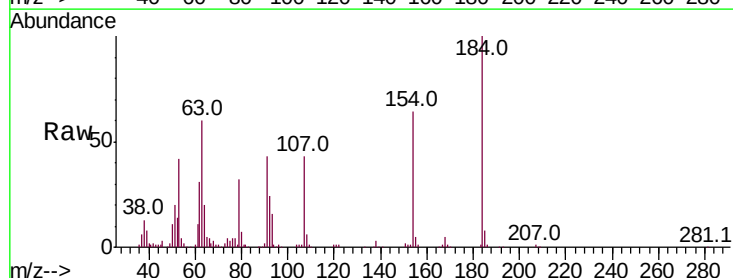
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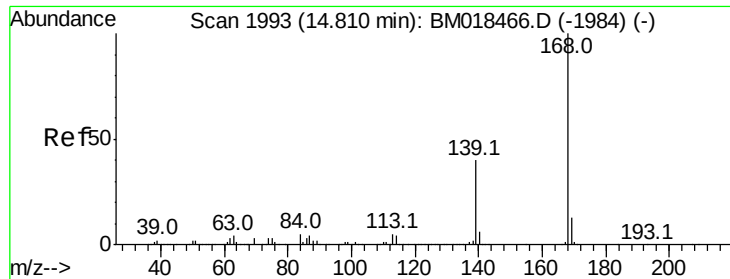
mohammad
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#54
2,4-Dinitrophenol
Concen: 75.161 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.1	55.9	83.9
154	64.0	54.2	81.4





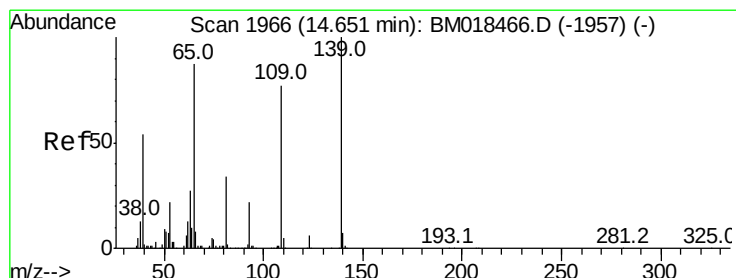
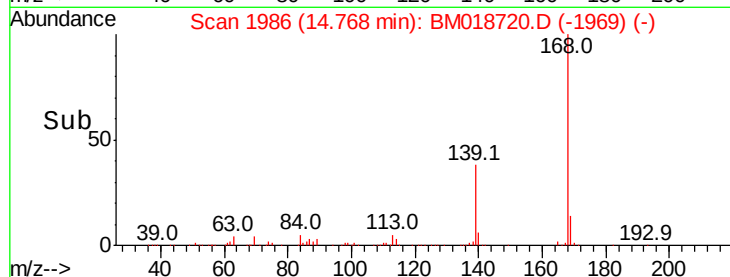
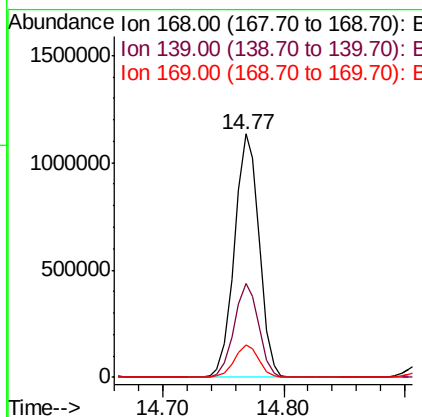
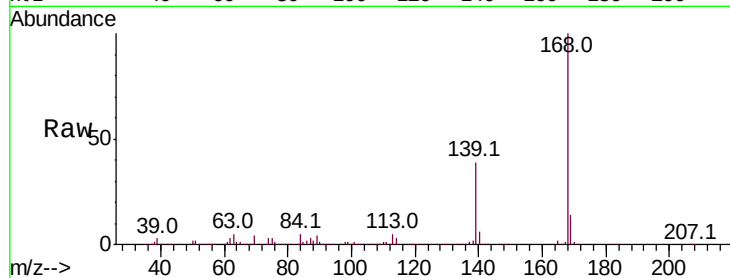
#55
Dibenzofuran
Concen: 38.598 ng
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.3	45.5
169	13.5	10.6	16.0

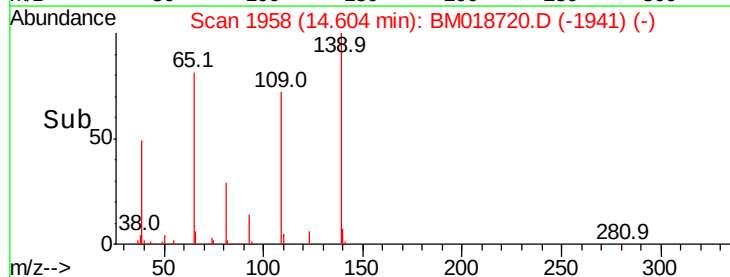
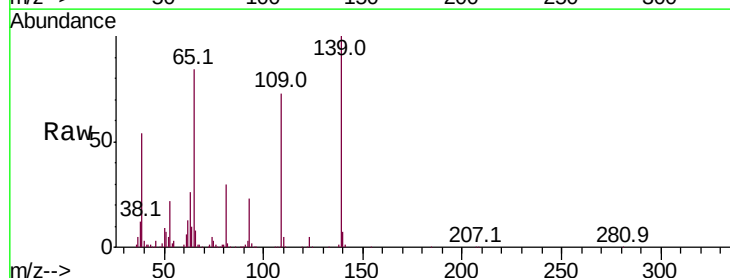
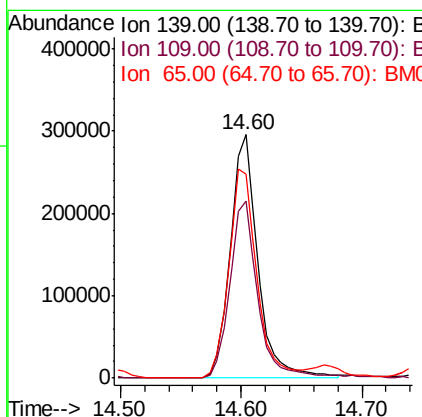
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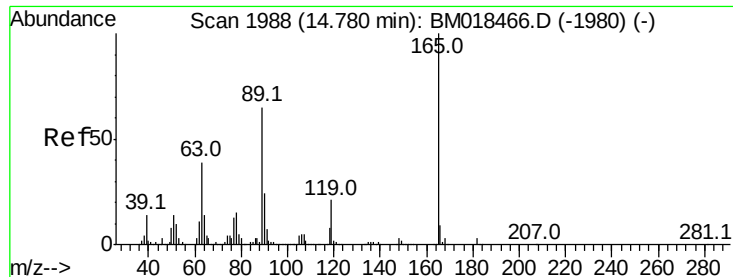
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#56
4-Nitrophenol
Concen: 74.383 ng
RT: 14.60 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.5	51.7	91.7
65	83.8	71.4	111.4





#57

2,4-Dinitrotoluene

Concen: 37.137 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

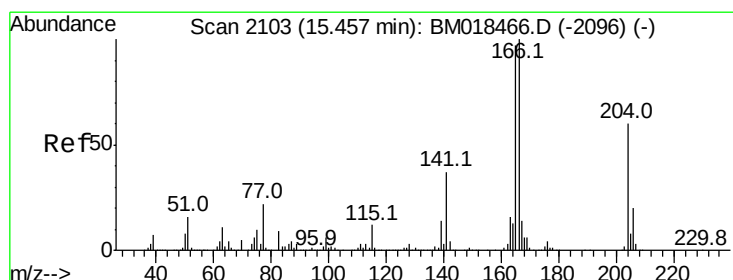
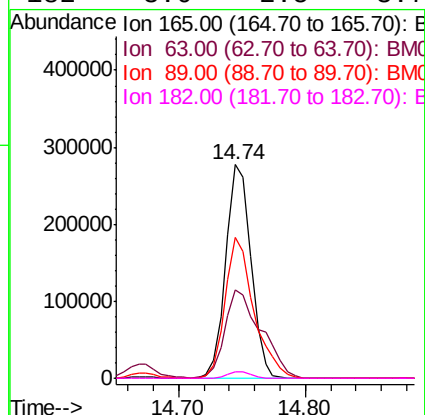
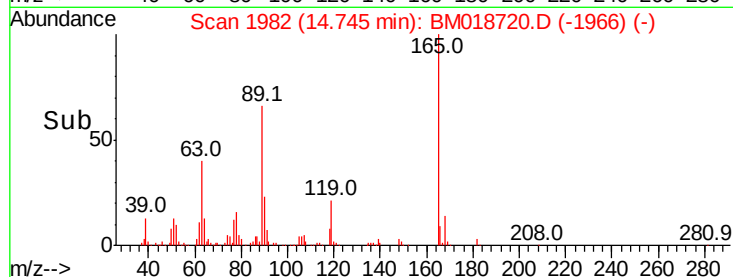
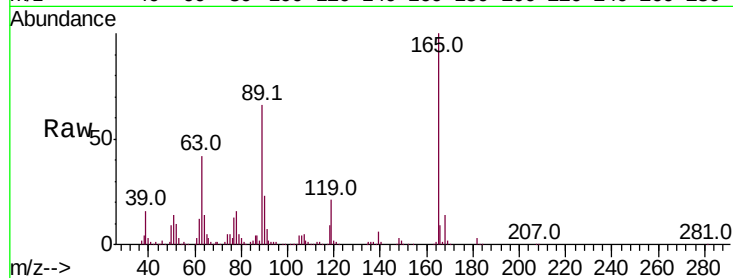
ClientSampleId :

PB116792BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.5	32.2	48.2	
89	65.8	52.1	78.1	
182	3.0	2.5	3.7	

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#58

Fluorene

Concen: 40.897 ng

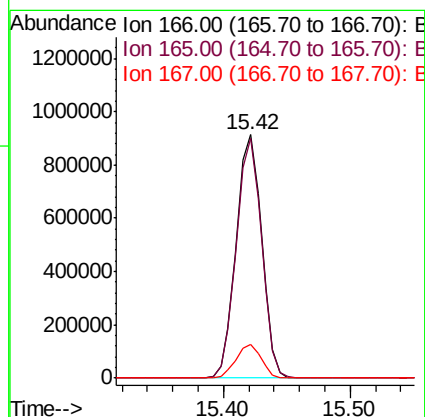
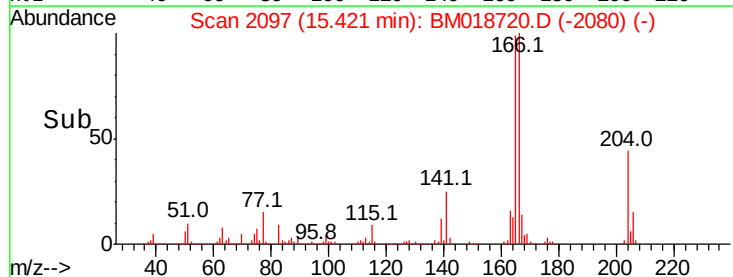
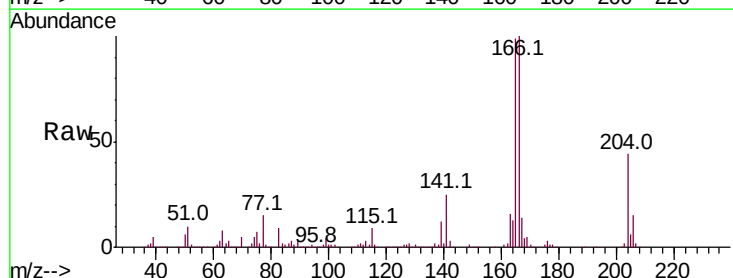
RT: 15.42 min Scan# 2097

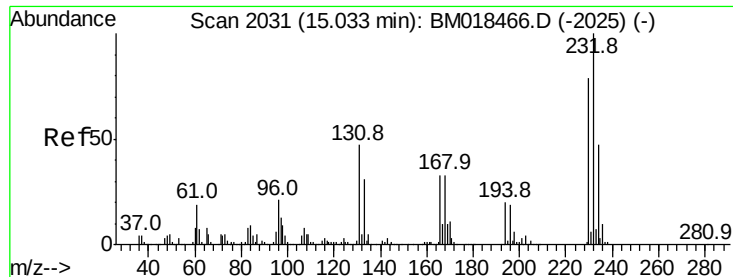
Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.6	78.3	117.5	
167	13.7	10.9	16.3	





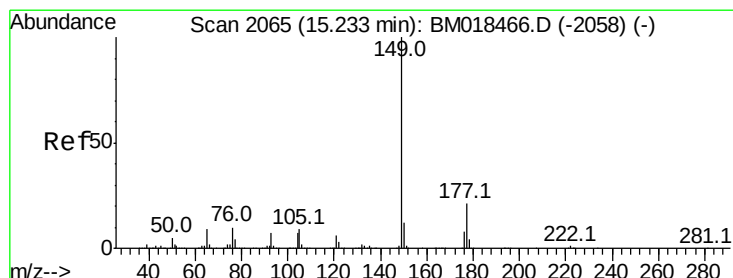
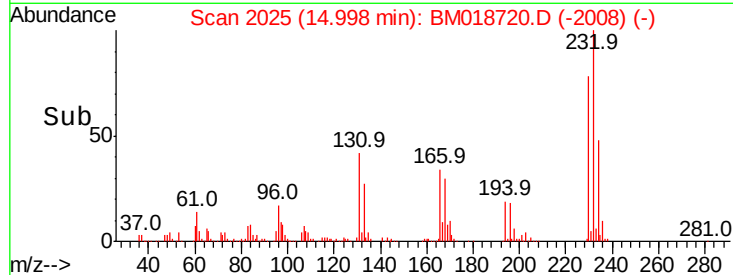
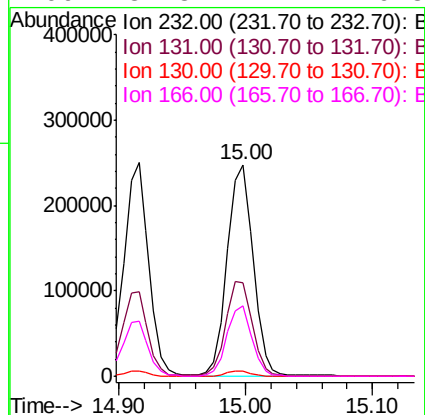
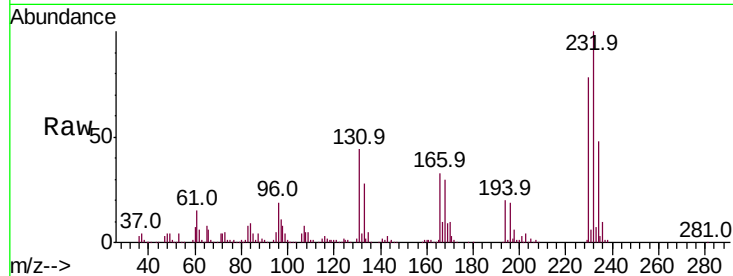
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.124 ng
 RT: 15.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	348985		
131	45.7	38.6	57.8	
130	2.4	2.2	3.4	
166	32.8	27.2	40.8	

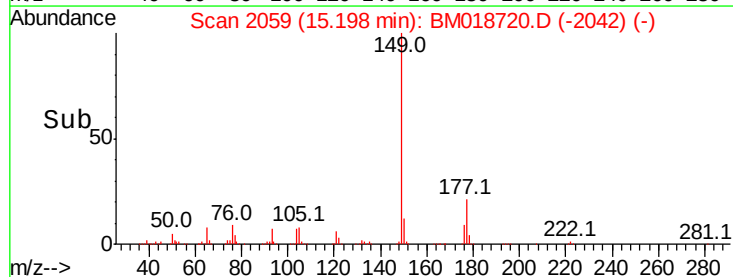
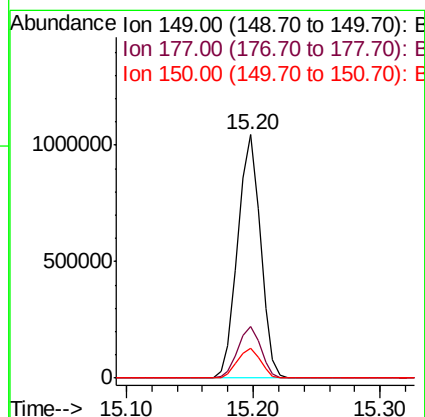
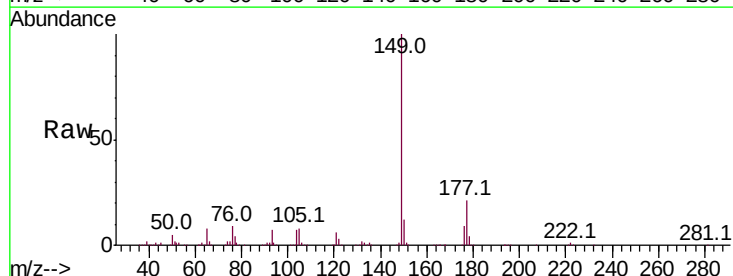
Manual Integrations
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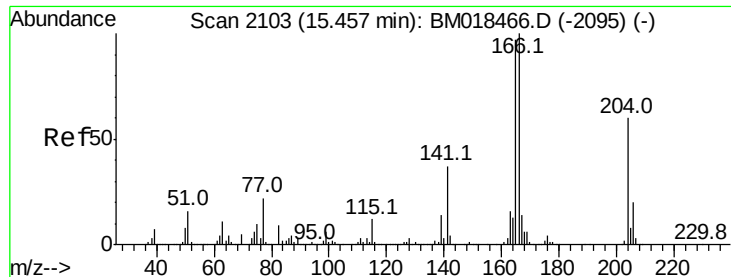
mohammad
 2/5/2019 8:41:13 AM



#60
 Diethylphthalate
 Concen: 37.326 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1295108		
177	21.3	17.1	25.7	
150	12.2	9.8	14.6	





#61

4-Chlorophenyl-phenylether

Concen: 36.403 ng

RT: 15.42 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

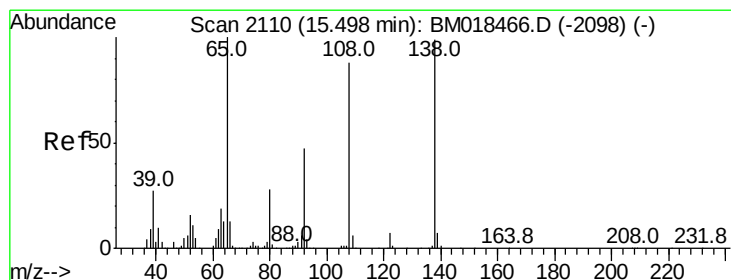
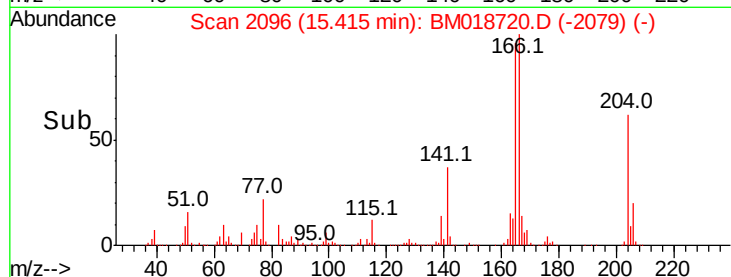
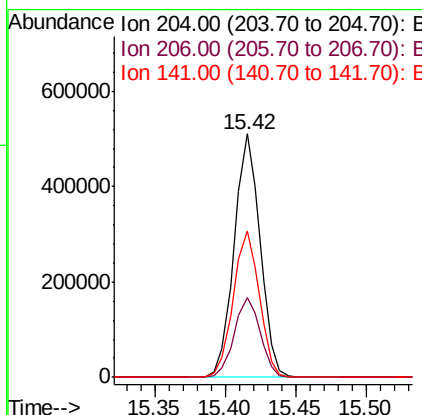
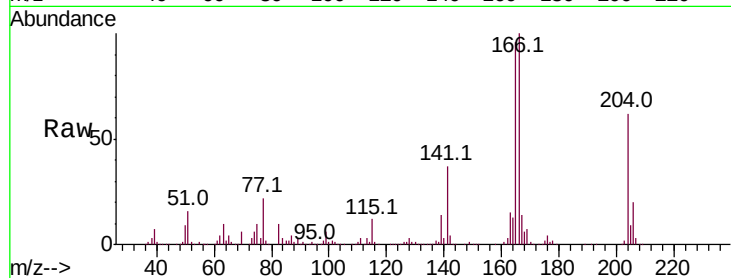
ClientSampleId :

PB116792BS

Tot Ion:	204	Resp:	652494
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.8	38.6
141	59.9	49.5	74.3

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#62

4-Nitroaniline

Concen: 31.767 ng

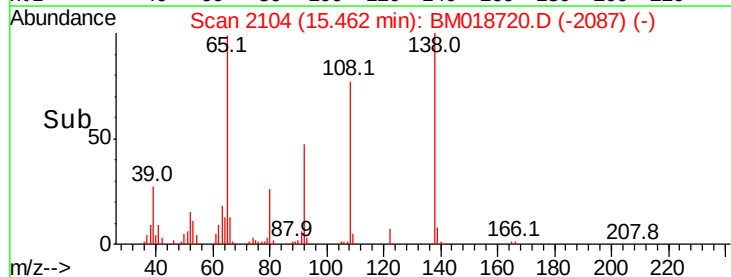
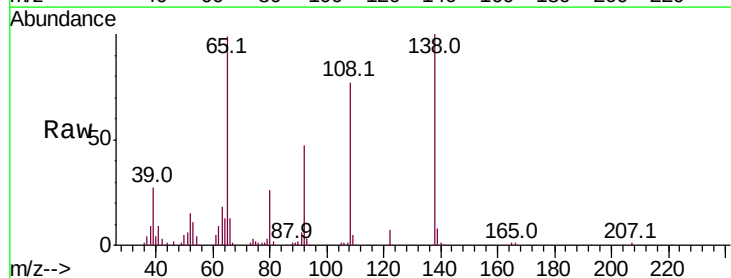
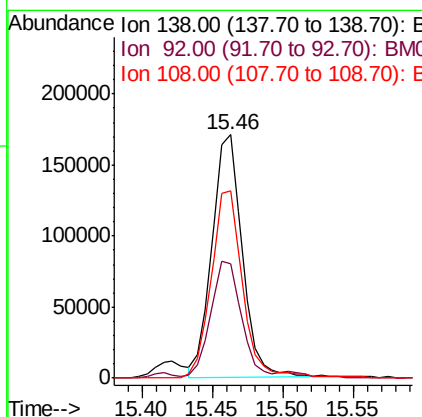
RT: 15.46 min Scan# 2104

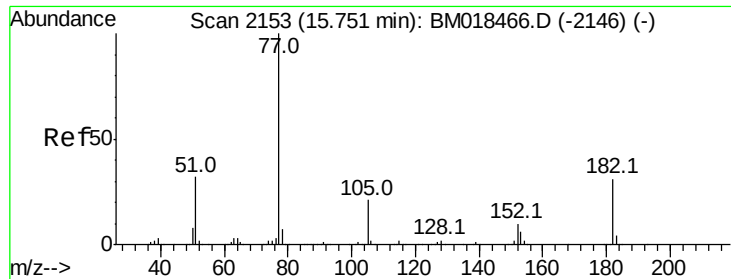
Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion:	138	Resp:	254325
Ion Ratio	Lower	Upper	
138	100		
92	47.0	29.0	69.0
108	77.0	63.9	103.9





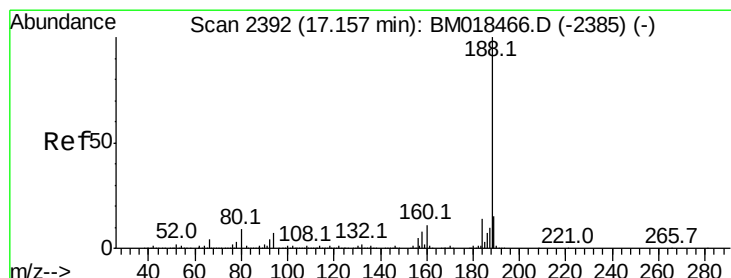
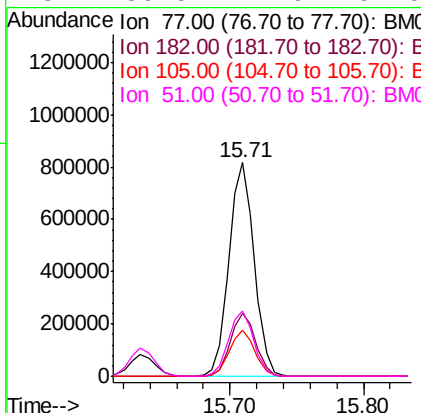
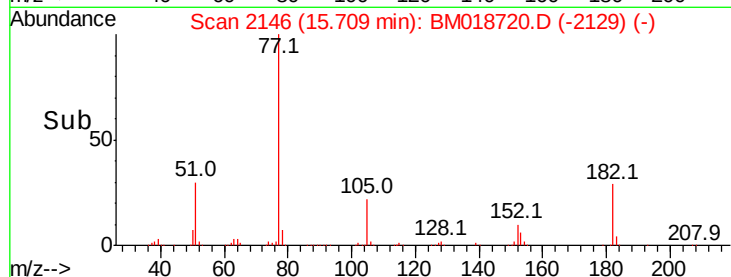
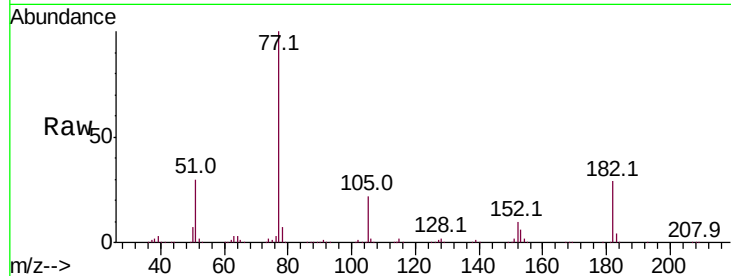
#63
Azobenzene
Concen: 38.102 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.4	47.4
105	21.6	0.0	39.6
51	30.5	12.0	52.0

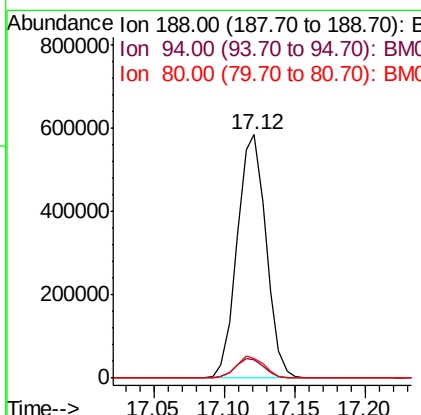
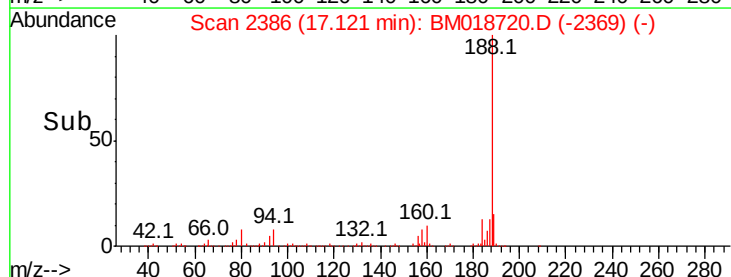
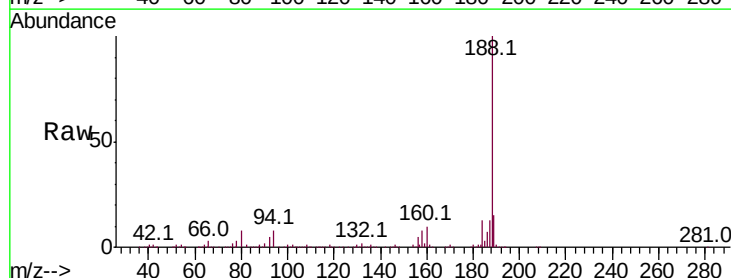
Manual Integrations
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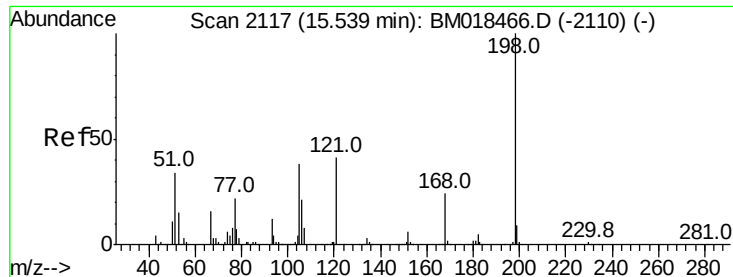
mohammad
2/5/2019 8:41:13 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.1	10.7
80	8.2	7.6	11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 39.059 ng

RT: 15.51 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

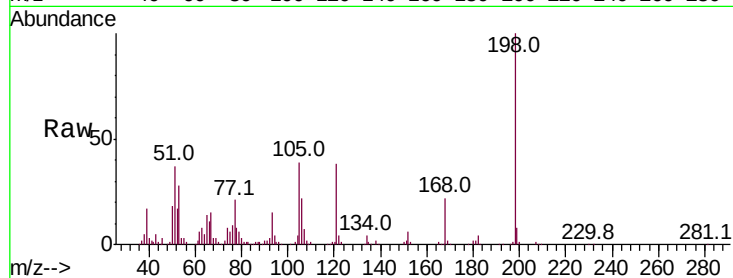
ClientSampleId :

PB116792BS

Tot Ion:	198	Resp:	201330
Ion Ratio	Lower	Upper	
198	100		
51	37.1	29.6	69.6
105	39.5	25.5	65.5

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E

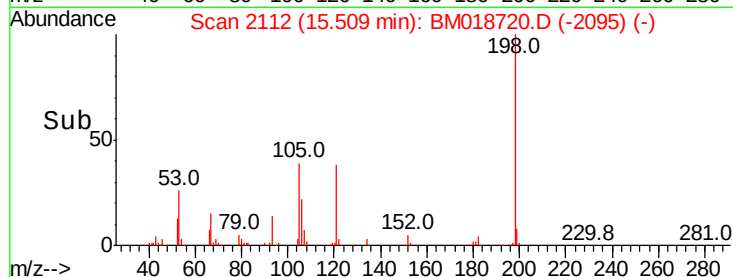
Ion 51.00 (50.70 to 51.70): BM018720.D (-2095) (-)

Ion 105.00 (104.70 to 105.70): E

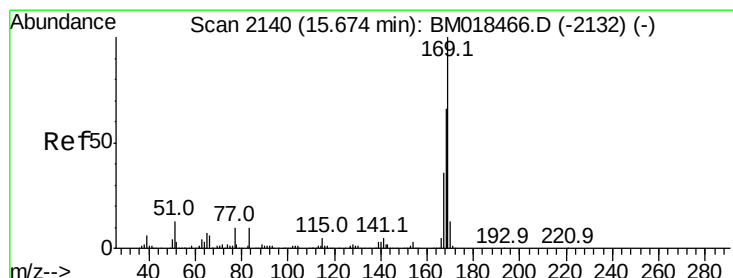
15.51

15.50

15.60



Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.267 ng

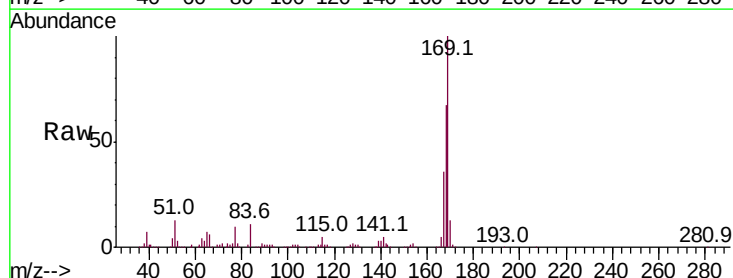
RT: 15.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion:	169	Resp:	1091917
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.1	81.1
167	36.2	28.6	42.8



Abundance Ion 169.00 (168.70 to 169.70): E

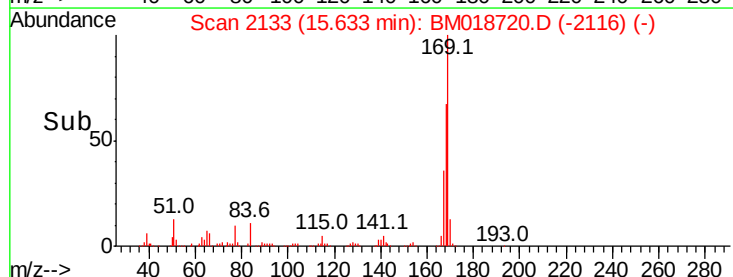
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

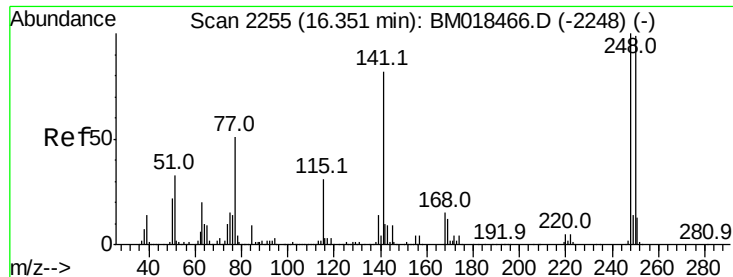
15.63

15.60

15.70



Time-->



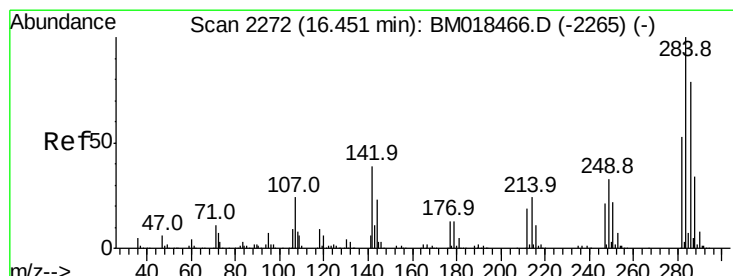
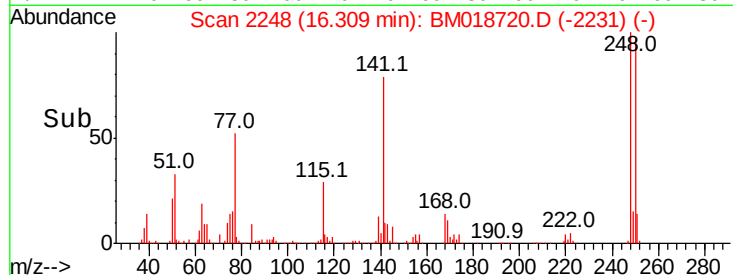
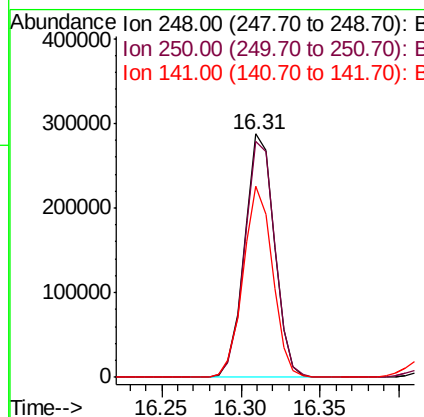
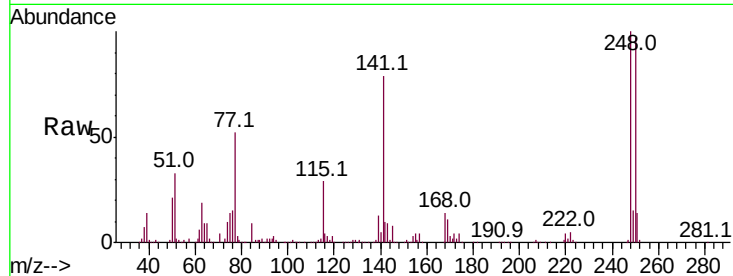
#67
4-Bromophenyl-phenylether
Concen: 40.296 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.0	114.0
141	78.5	61.5	92.3

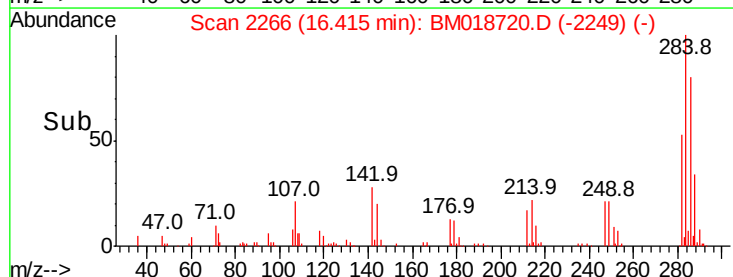
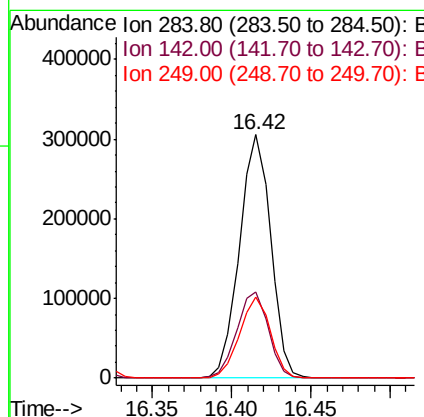
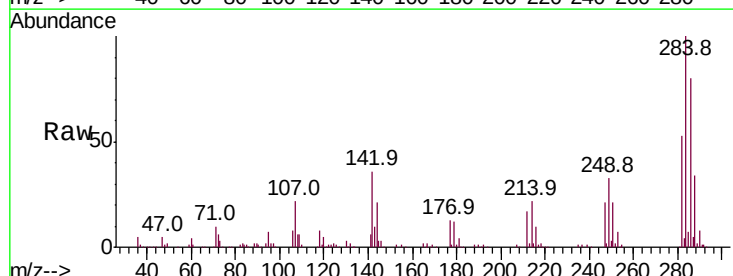
Manual Integrations
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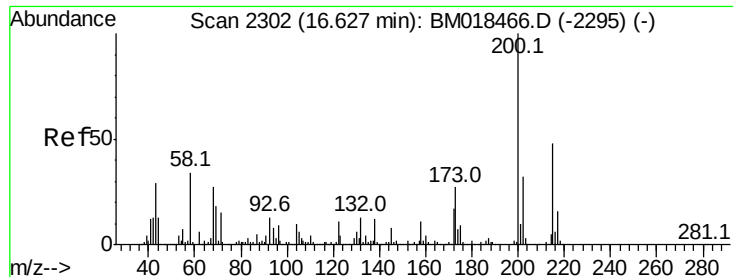
mohammad
2/5/2019 8:41:13 AM



#68
Hexachlorobenzene
Concen: 40.106 ng
RT: 16.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	29.2	43.8
249	33.4	26.1	39.1





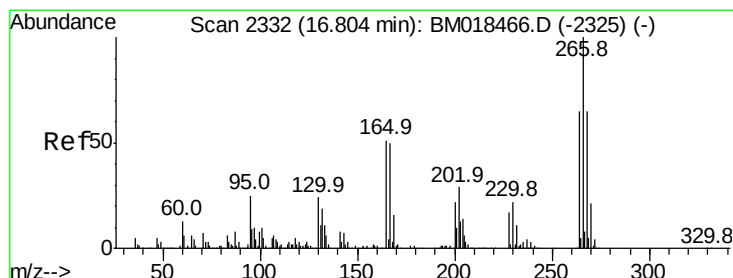
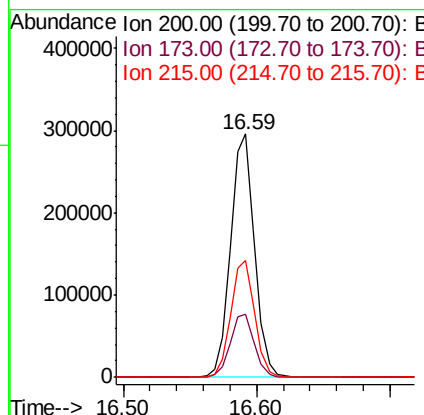
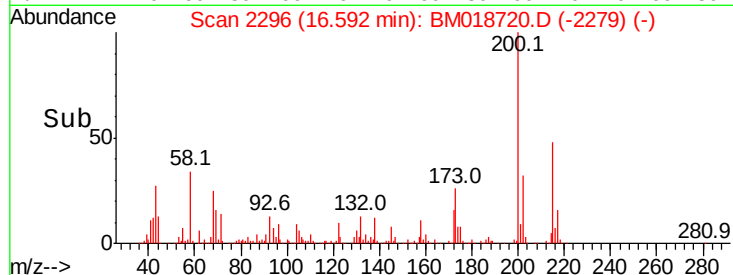
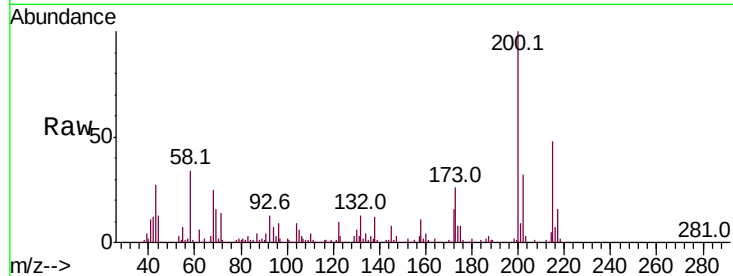
#69
Atrazine
Concen: 39.812 ng
RT: 16.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.9	7.2	47.2
215	47.9	28.3	68.3

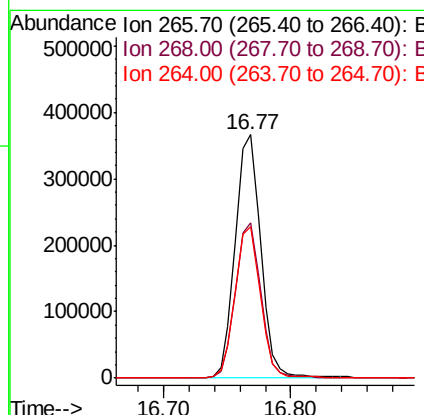
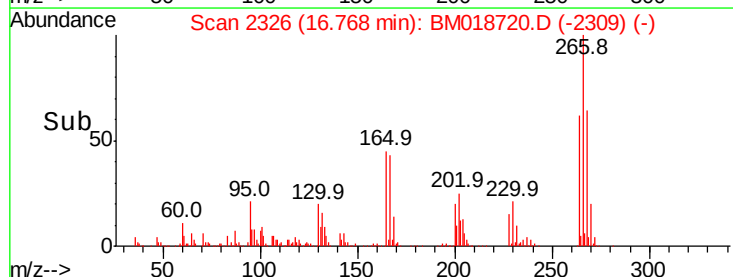
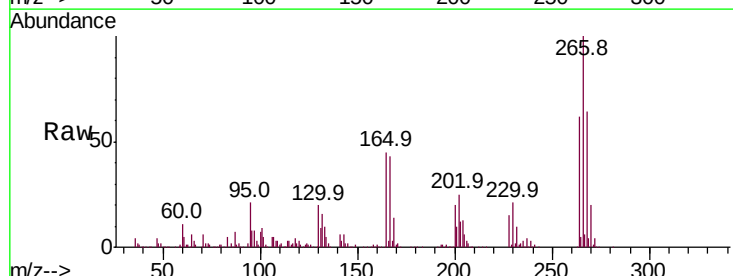
Manual Integrations
APPROVED

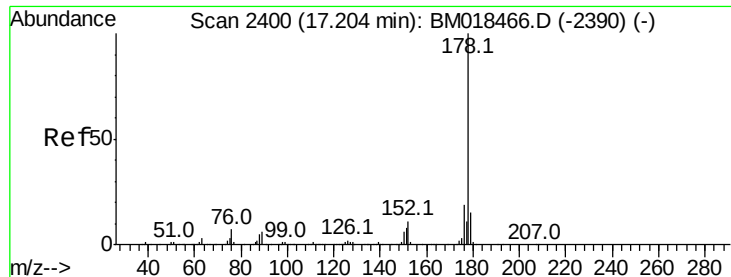
mohammad
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#70
Pentachlorophenol
Concen: 74.579 ng
RT: 16.77 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	49.8	74.6
264	62.1	50.1	75.1





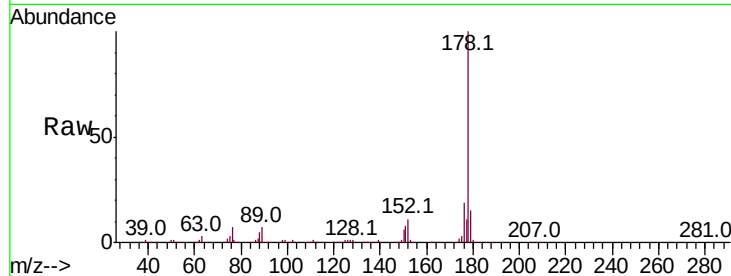
#71
Phenanthrene
Concen: 42.950 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.4	12.2	18.4

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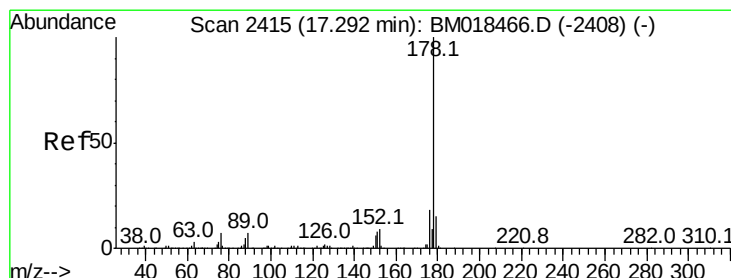
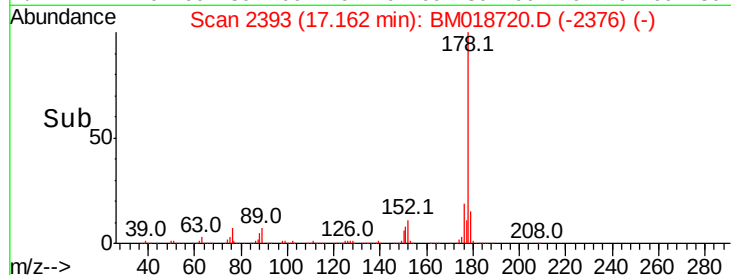
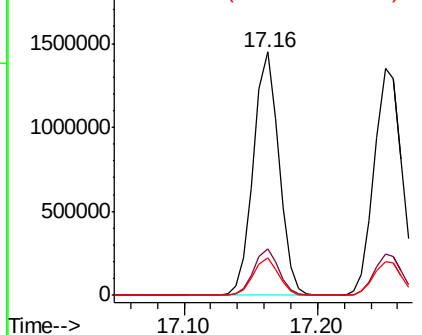


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 45.251 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

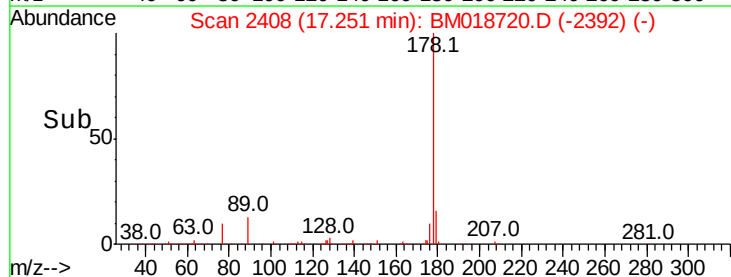
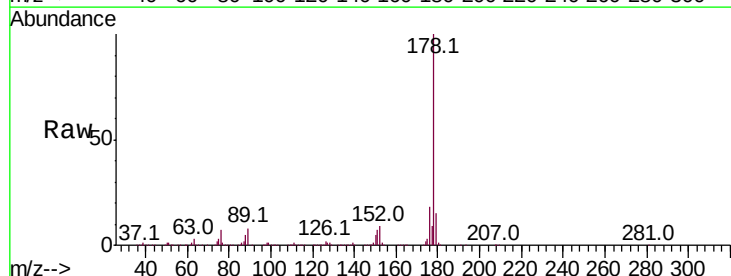
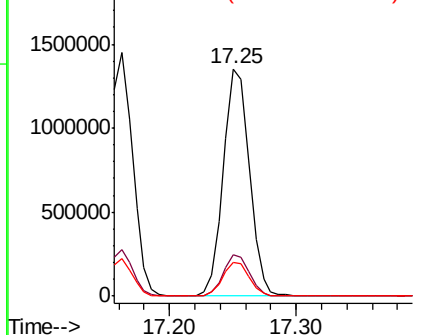
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.1	12.2	18.4

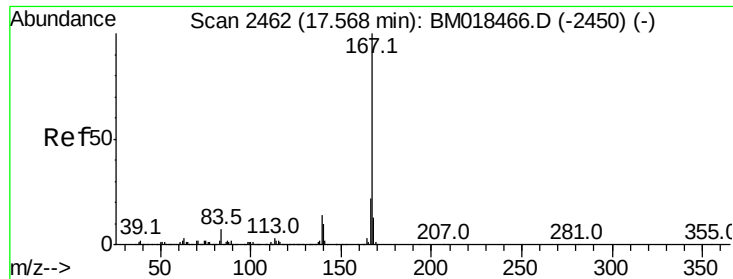
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.521 ng

RT: 17.53 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

Tot Ion:167 Resp: 1685836

Ion Ratio Lower Upper

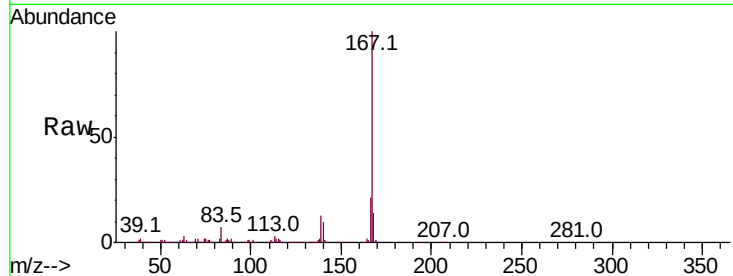
167 100

166 21.3 17.4 26.2

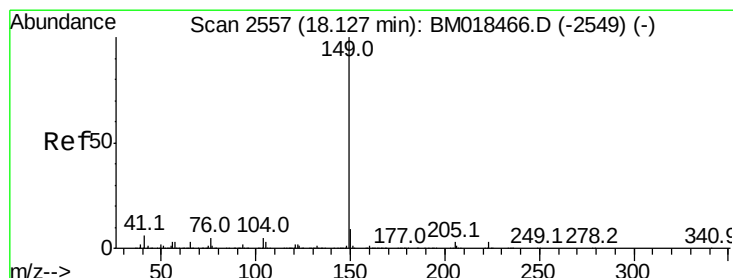
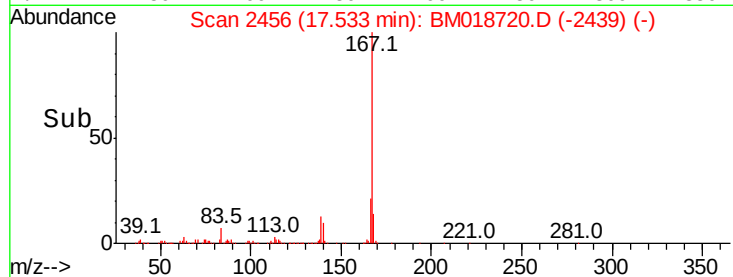
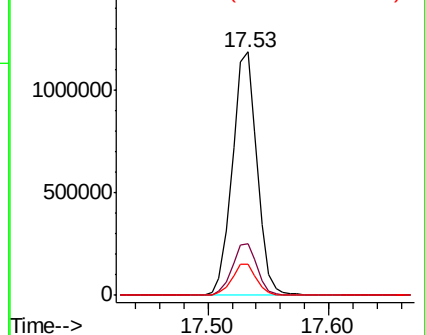
139 12.8 10.6 16.0

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.534 ng

RT: 18.09 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

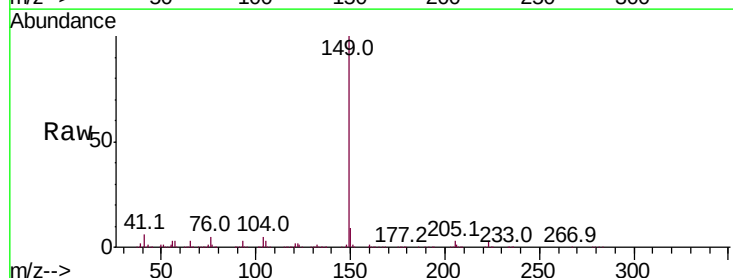
Tgt Ion:149 Resp: 1991027

Ion Ratio Lower Upper

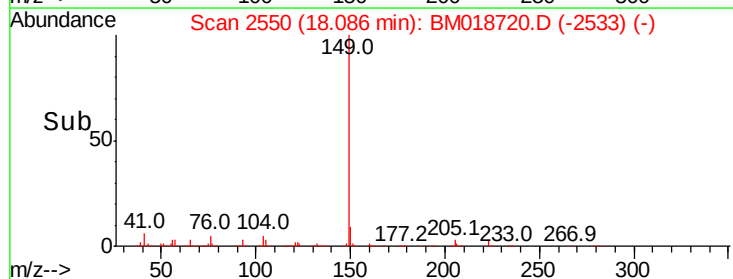
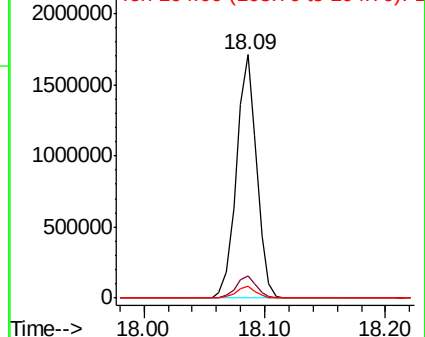
149 100

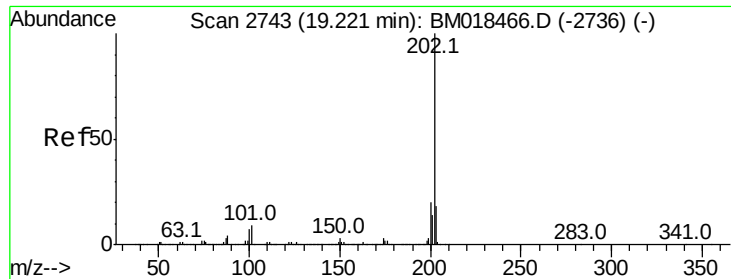
150 9.0 7.3 10.9

104 4.7 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





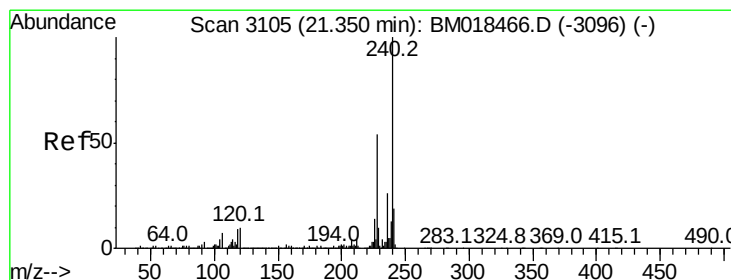
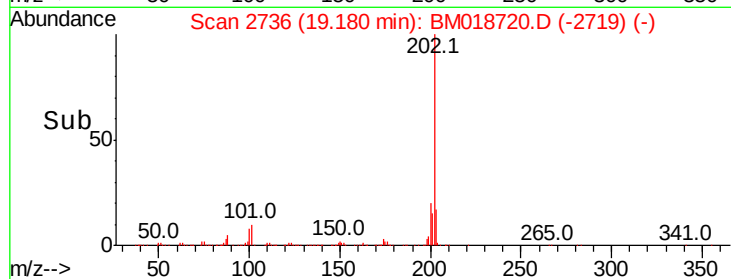
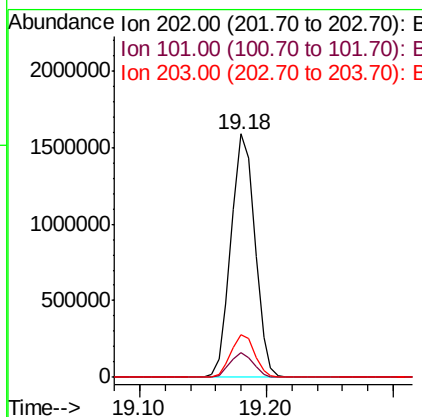
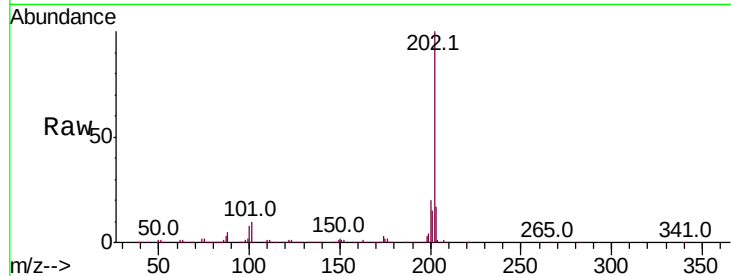
#75
 Fluoranthene
 Concen: 40.677 ng
 RT: 19.18 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.9
203	17.4	0.0	37.4

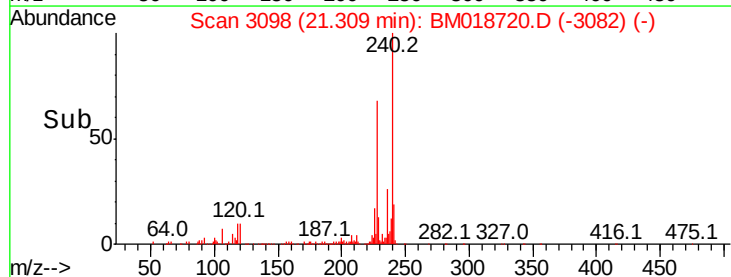
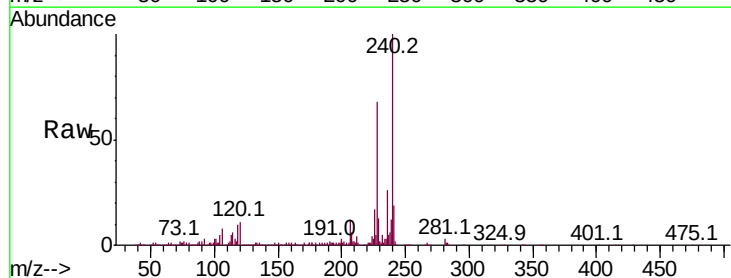
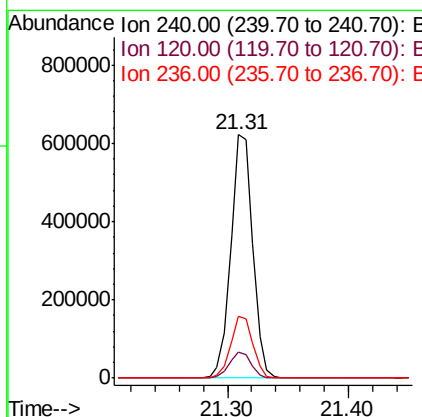
Manual Integrations
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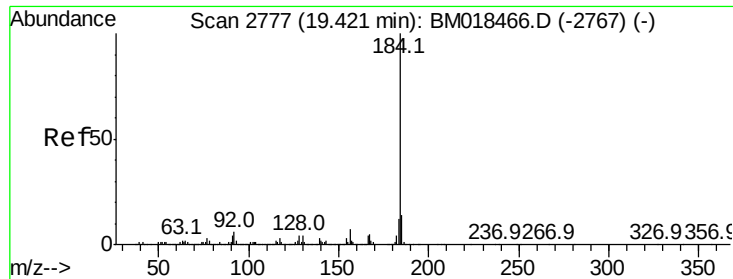
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	25.6	20.7	31.1





#77

Benzidine

Concen: 45.033 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

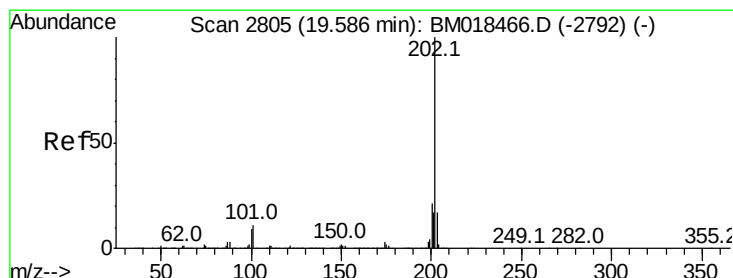
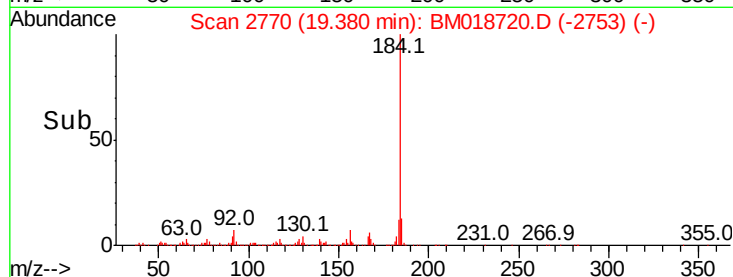
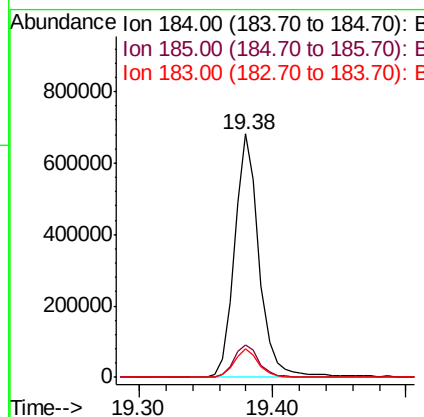
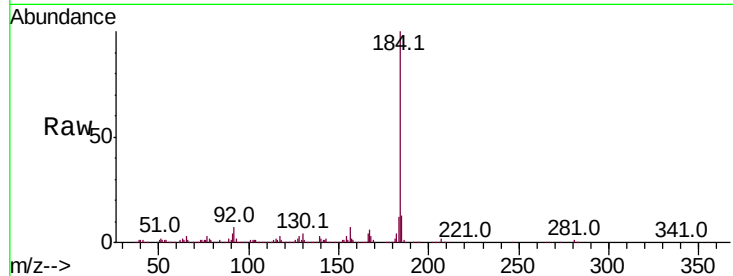
ClientSampleId :

PB116792BS

Tot Ion:	184	Resp:	875167
Ion Ratio	Lower	Upper	
184	100		
185	13.3	11.4	17.0
183	12.0	9.5	14.3

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#78

Pyrene

Concen: 45.433 ng

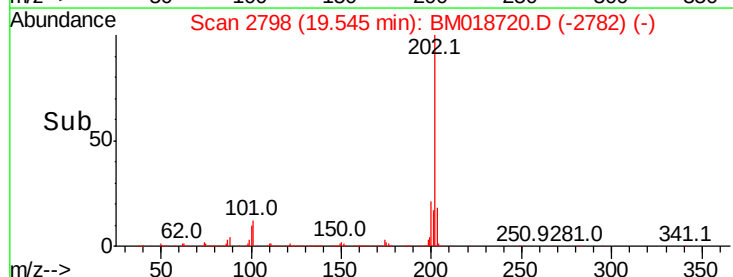
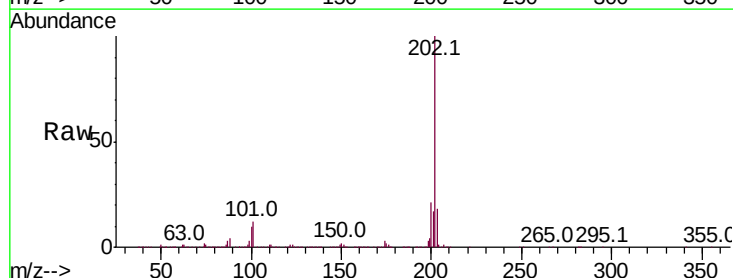
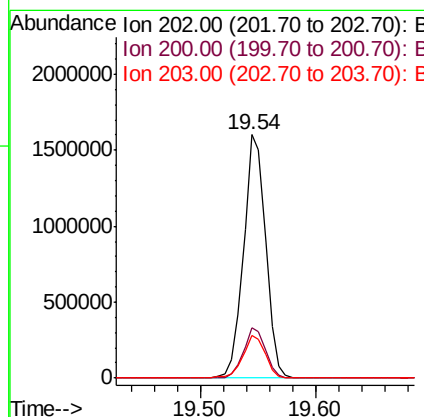
RT: 19.54 min Scan# 2798

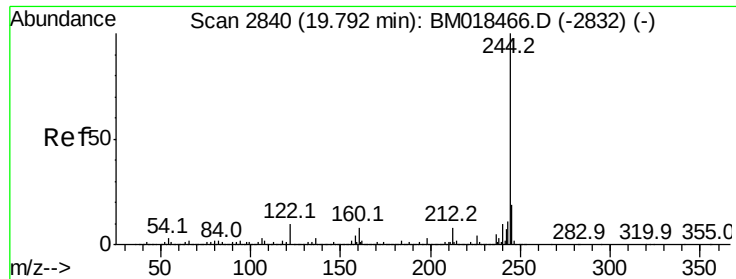
Delta R.T. -0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion:	202	Resp:	2119624
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	24.8
203	17.6	13.8	20.8





#79

Terphenyl-d14

Concen: 88.676 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

Tot Ion:244 Resp: 3310862

Ion Ratio Lower Upper

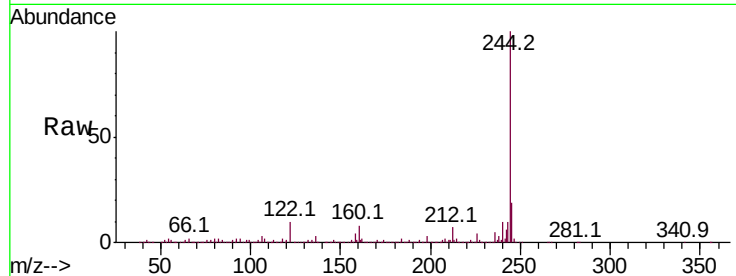
244 100

212 7.5 5.9 8.9

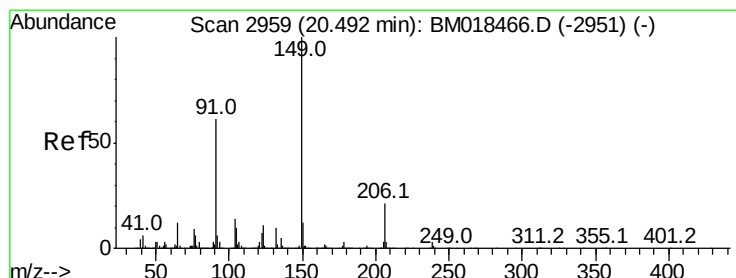
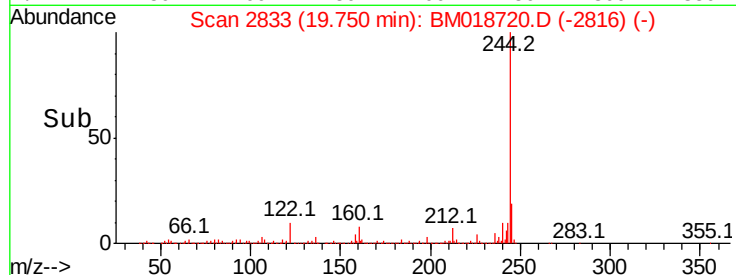
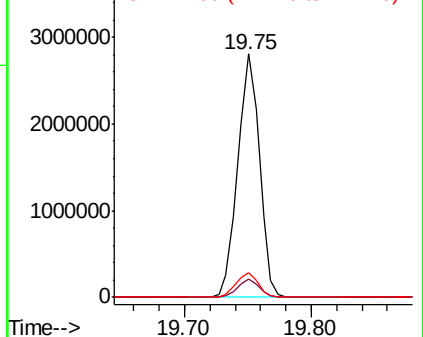
122 10.2 9.0 13.4

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



#80

Butylbenzylphthalate

Concen: 43.777 ng

RT: 20.45 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

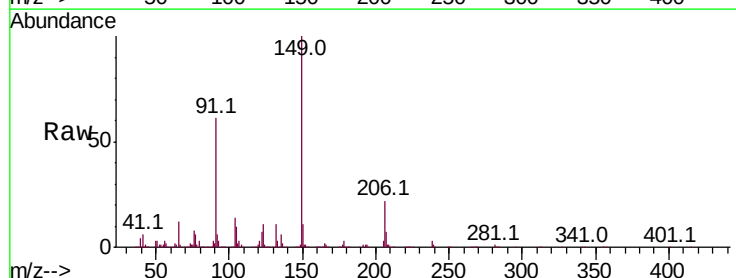
Tgt Ion:149 Resp: 871484

Ion Ratio Lower Upper

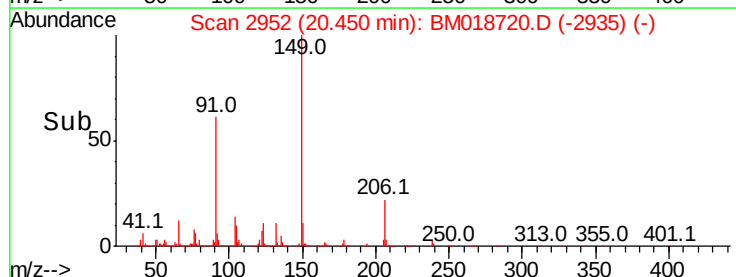
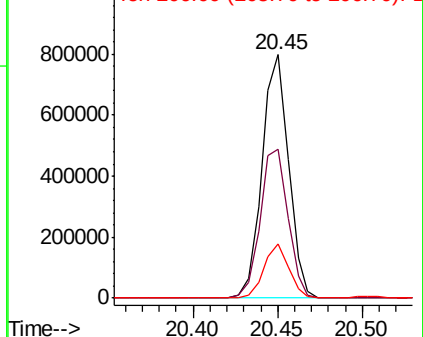
149 100

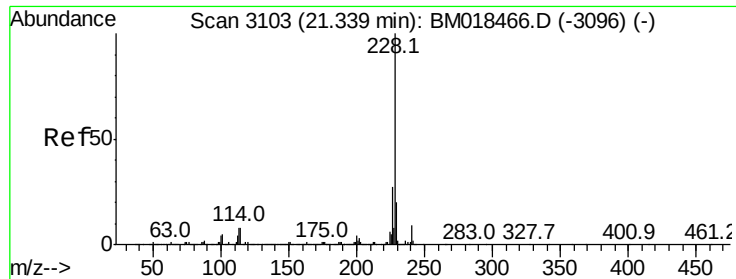
91 61.2 53.1 79.7

206 22.1 16.2 24.4



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





#81

Benzo(a)anthracene

Concen: 43.356 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

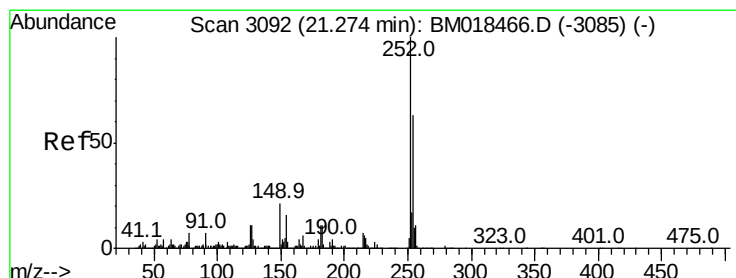
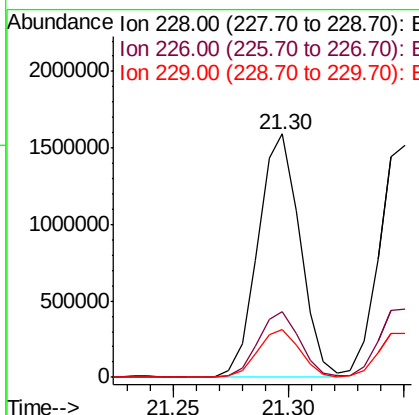
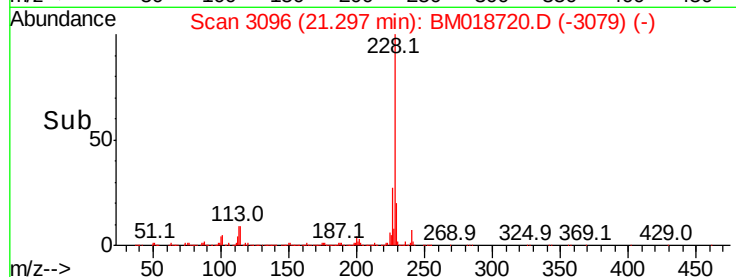
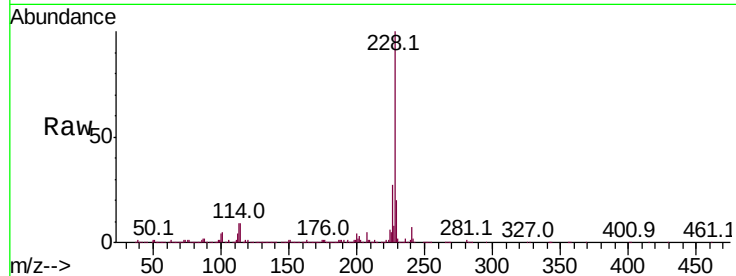
ClientSampleId :

PB116792BS

Tot Ion:	228	Resp:	2010319
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.6	15.8	23.8

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#82

3,3'-Dichlorobenzidine

Concen: 32.414 ng

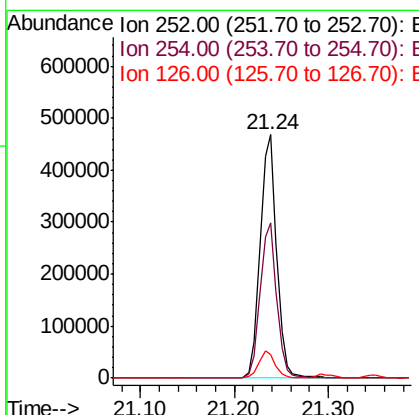
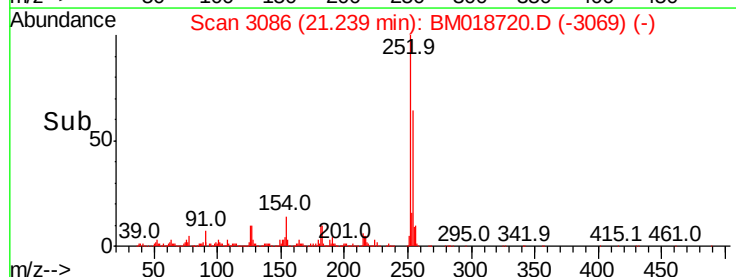
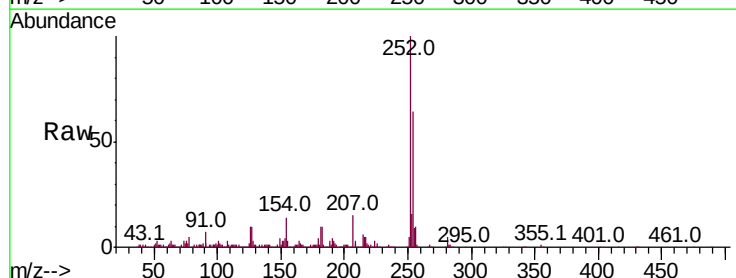
RT: 21.24 min Scan# 3086

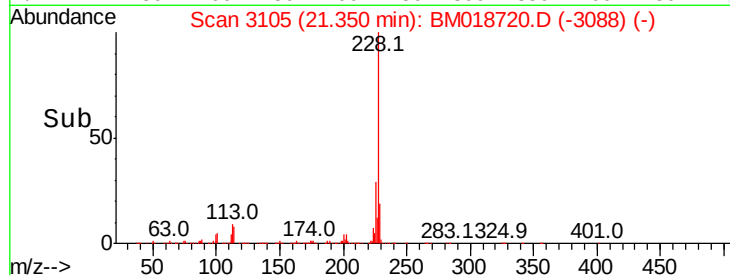
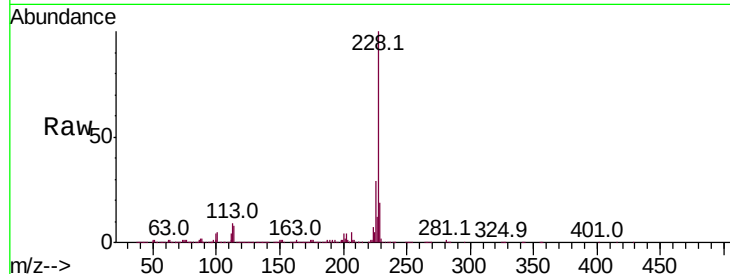
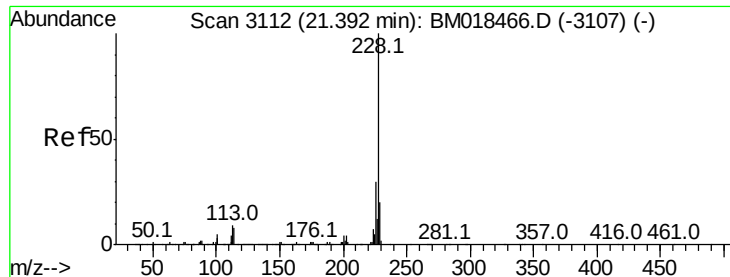
Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion:	252	Resp:	568338
Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.4	77.0
126	9.7	8.7	13.1





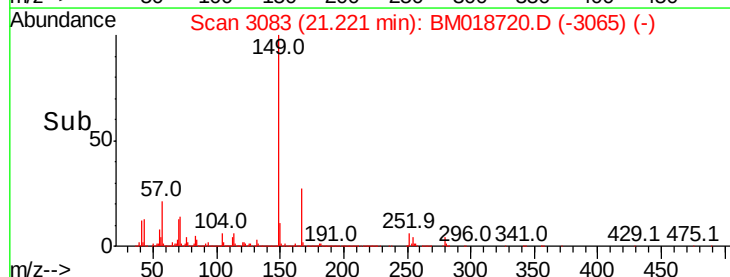
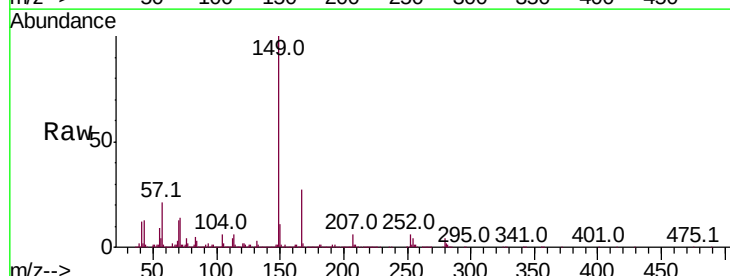
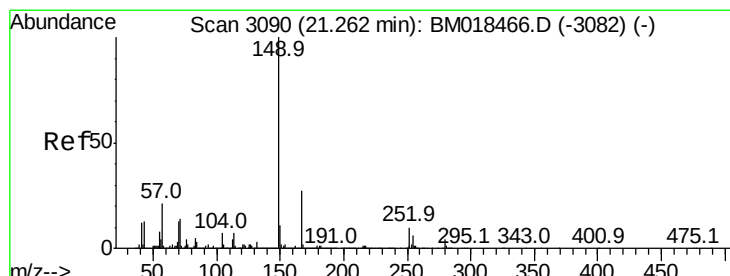
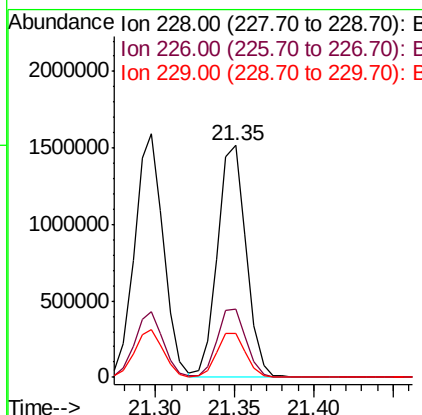
#83
 Chrysene
 Concen: 42.445 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tot Ion:	228	Resp:	1900457
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	19.2	15.6	23.4

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

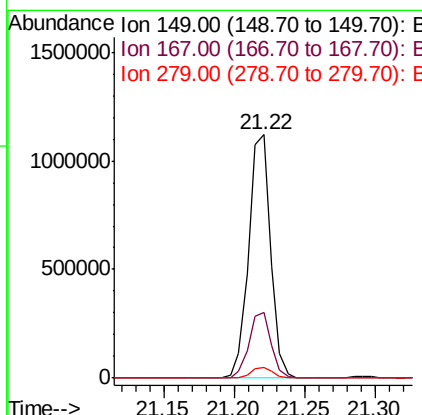
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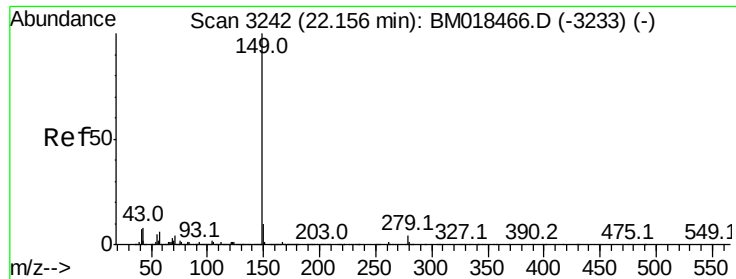
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.382 ng
 RT: 21.22 min Scan# 3083
 Delta R.T. 0.01 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion:	149	Resp:	1218346
Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.6	32.4
279	4.5	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 42.754 ng

RT: 22.10 min Scan# 3233

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

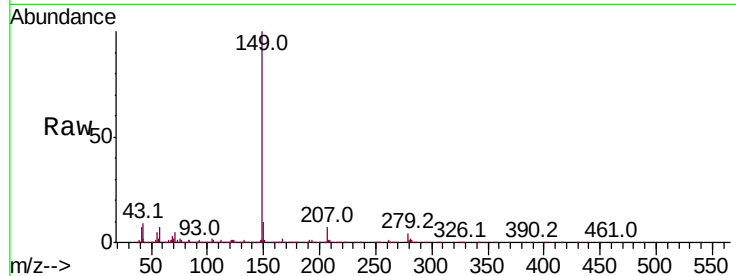
ClientSampleId :

PB116792BS

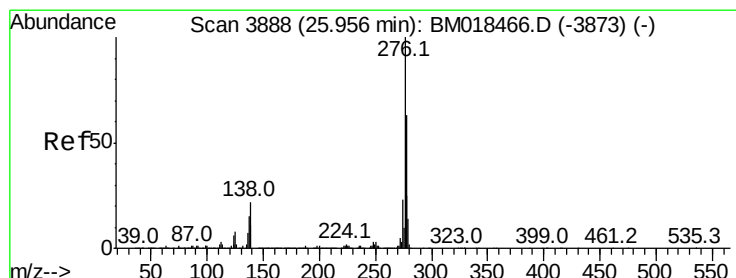
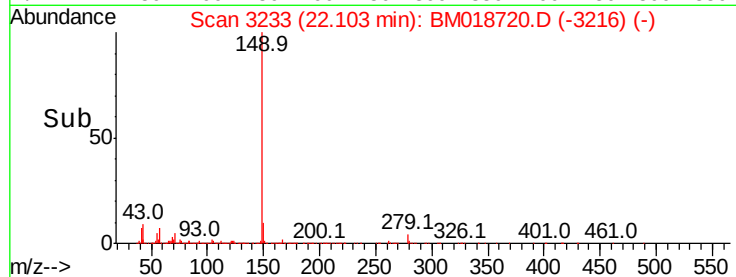
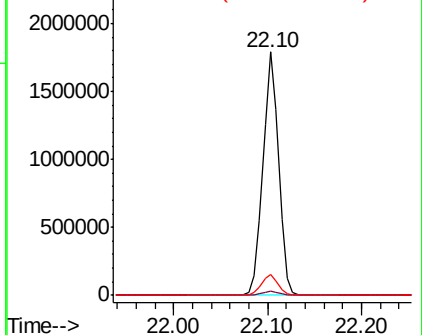
Tot Ion:	149	Resp:	2067131
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.7	8.6	12.8

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.085 ng

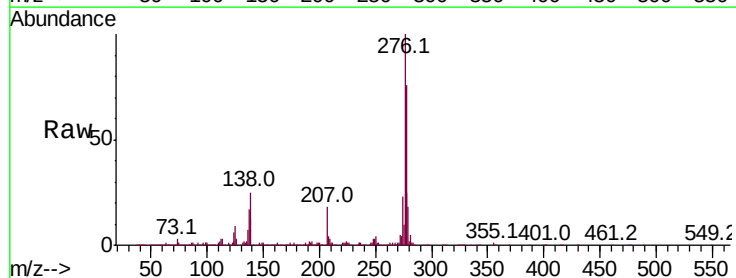
RT: 25.87 min Scan# 3873

Delta R.T. 0.00 min

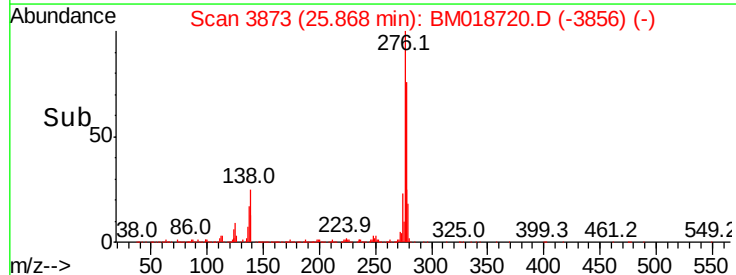
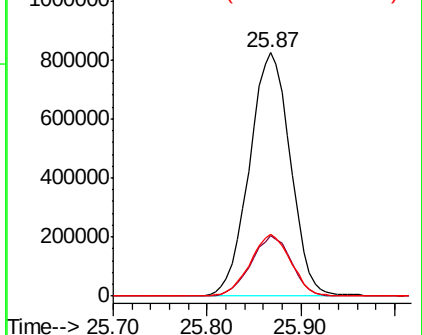
Lab File: BM018720.D

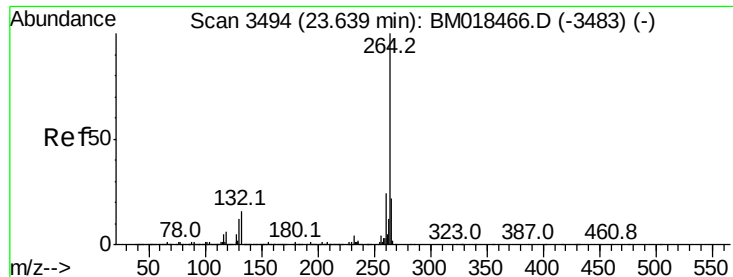
Acq: 04 Feb 2019 15:59

Tgt Ion:	276	Resp:	2482661
Ion Ratio	Lower	Upper	
276	100		
138	24.6	21.5	32.3
277	25.2	20.2	30.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

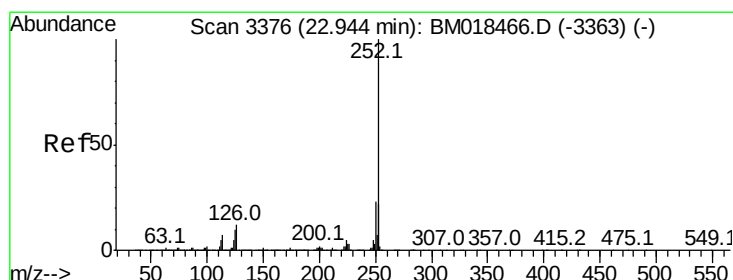
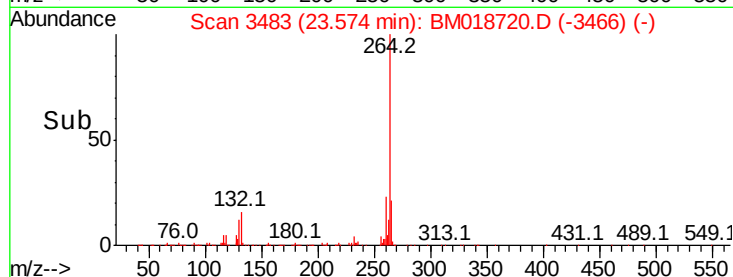
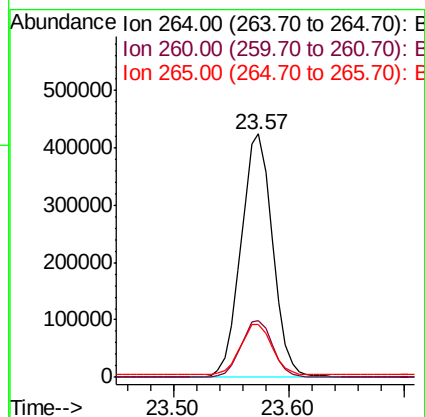
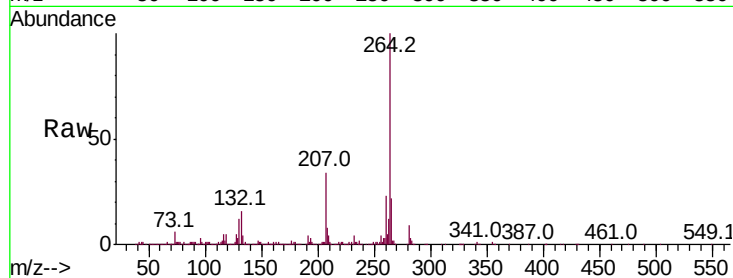
ClientSampleId :

PB116792BS

Tot Ion:	264	Resp:	807859
Ion Ratio		Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.6	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 43.761 ng

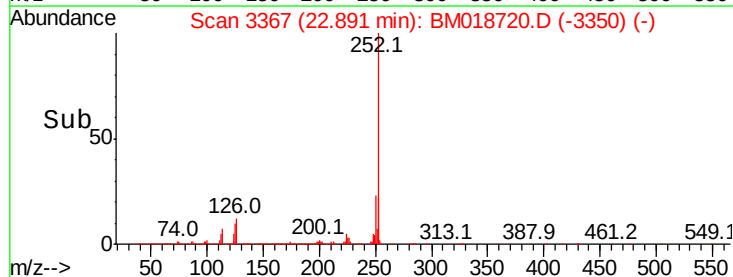
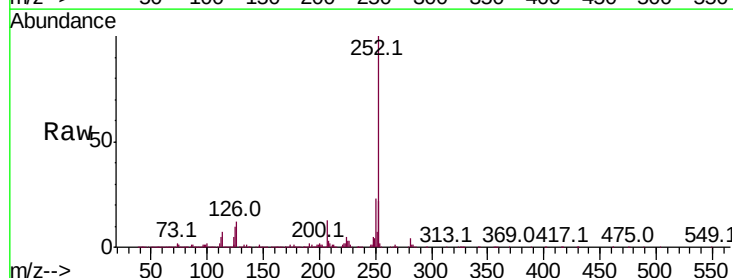
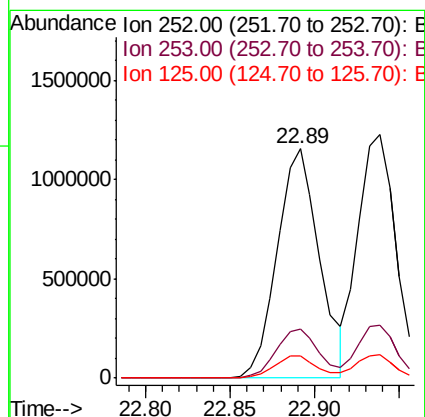
RT: 22.89 min Scan# 3367

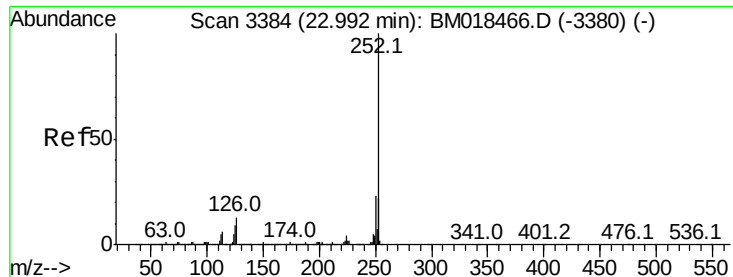
Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion:	252	Resp:	2007070
Ion Ratio		Lower	Upper
252	100		
253	21.6	17.6	26.4
125	9.9	8.5	12.7





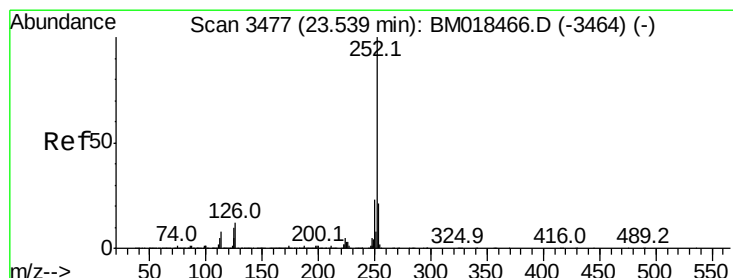
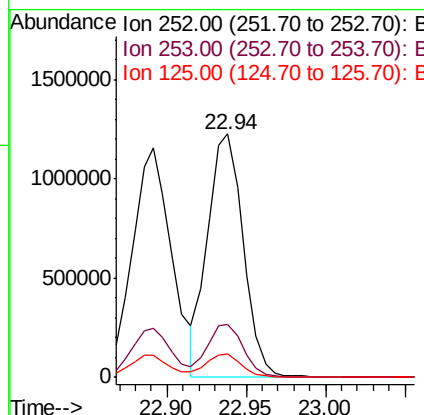
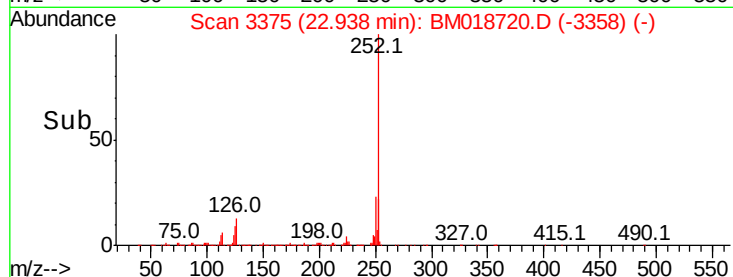
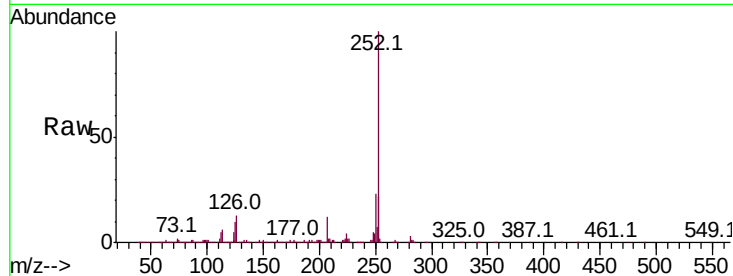
#89
Benzo(k)fluoranthene
Concen: 41.301 ng
RT: 22.94 min Scan# 3375
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.6	8.6	12.8

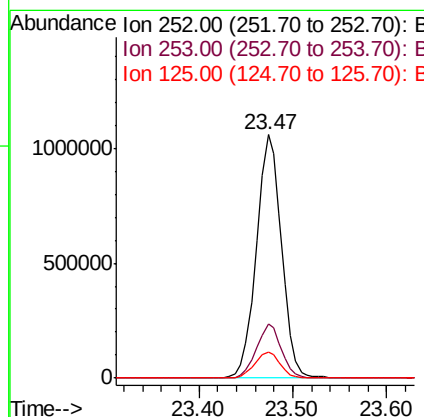
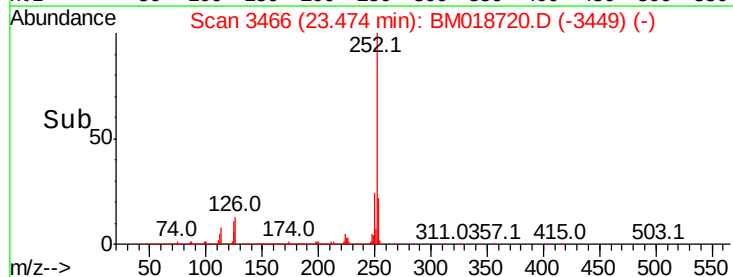
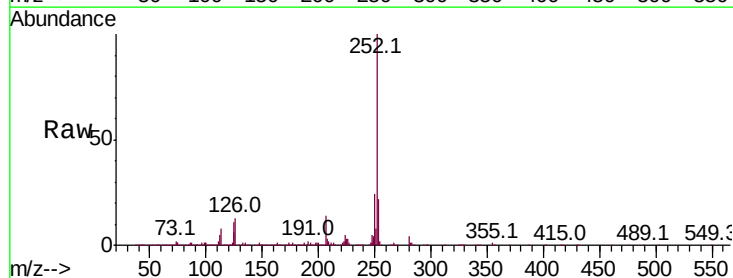
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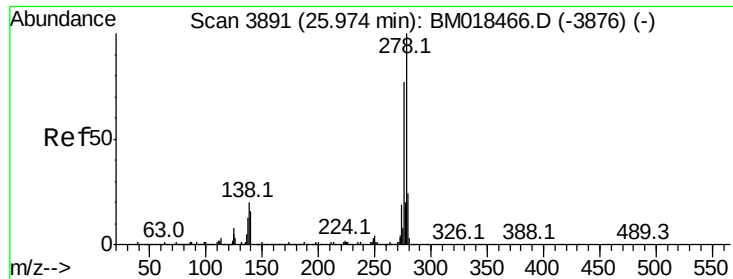
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#90
Benzo(a)pyrene
Concen: 44.308 ng
RT: 23.47 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.8	9.7	14.5





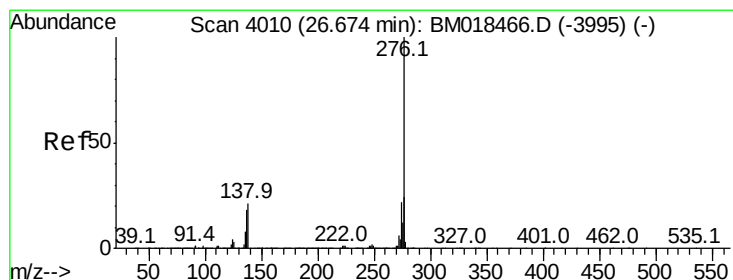
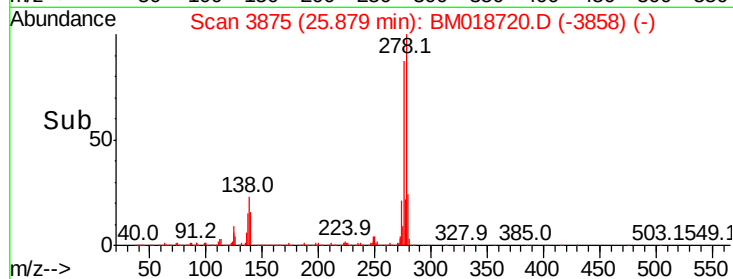
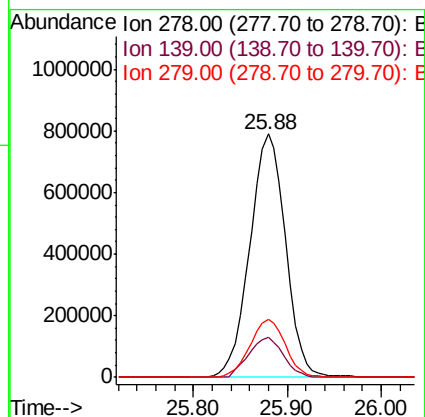
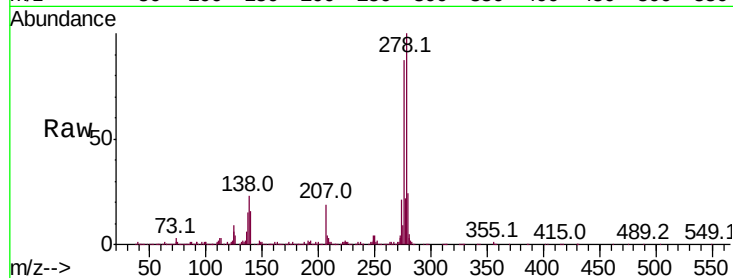
#91
Dibenzo(a,h)anthracene
Concen: 46.756 ng
RT: 25.88 min Scan# 3875
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.2	19.8
279	24.0	19.0	28.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 48.720 ng
RT: 26.57 min Scan# 3993
Delta R.T. -0.01 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.4
138	21.8	18.1	27.1

