

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018800.D
 Acq On : 13 Feb 2019 11:21
 Operator : JU/SJ
 Sample : PB117038BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Manual Integrations
 APPROVED

Sohil
 2/13/2019 1:37:42 PM

Quant Time: Feb 13 12:59:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	275937	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1206804	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	711544	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1652391	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1819324	20.00	ng	0.00
87) Perylene-d12	23.57	264	1797602	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1341186	79.64	ng	0.00
7) Phenol-d6	6.89	99	1968085	82.95	ng	0.00
23) Nitrobenzene-d5	8.88	82	2112614	80.94	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	854468	83.31	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4297698	80.18	ng	0.00
79) Terphenyl-d14	19.74	244	8022208	90.96	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	300249	40.933	ng	99
3) Pyridine	3.65	79	927277	46.346	ng	99
4) n-Nitrosodimethylamine	3.57	42	264255	51.917	ng	92
6) Aniline	7.05	93	1353853	46.574	ng	99
8) 2-Chlorophenol	7.27	128	806083	43.595	ng	98
9) Benzaldehyde	6.87	77	601837	49.337	ng	99
10) Phenol	6.91	94	1110080	44.468	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	813026	42.695	ng	99
12) 1,3-Dichlorobenzene	7.60	146	863492	41.532	ng	99
13) 1,4-Dichlorobenzene	7.75	146	875890	41.381	ng	100
14) 1,2-Dichlorobenzene	8.06	146	853011	41.955	ng	100
15) Benzyl Alcohol	7.96	79	854916	45.350	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	785601	42.625	ng	98
17) 2-Methylphenol	8.16	107	717936	45.186	ng	99
18) Hexachloroethane	8.77	117	325259	42.096	ng	99
19) n-Nitroso-di-n-propylamine	8.52	70	819784	44.627	ng	100
20) 3+4-Methylphenols	8.49	107	995075	45.355	ng	98
22) Acetophenone	8.54	105	1355215	40.892	ng	# 98
24) Nitrobenzene	8.92	77	1150688	42.474	ng	99
25) Isophorone	9.44	82	2065463	49.598	ng	99
26) 2-Nitrophenol	9.63	139	463116	42.926	ng	98
27) 2,4-Dimethylphenol	9.68	122	771474	48.959	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	1183800	43.959	ng	100
29) 2,4-Dichlorophenol	10.15	162	794805	43.928	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	853859	40.863	ng	99
31) Naphthalene	10.55	128	2641078	44.873	ng	99
32) Benzoic acid	9.83	122	520288m	37.852	ng	
33) 4-Chloroaniline	10.67	127	1173618	44.607	ng	99
34) Hexachlorobutadiene	10.82	225	466008	38.422	ng	99
35) Caprolactam	11.49	113	286063m	38.740	ng	
36) 4-Chloro-3-methylphenol	11.80	107	968900	44.415	ng	99
37) 2-Methylnaphthalene	12.17	142	1951569	47.095	ng	99
38) 1-Methylnaphthalene	12.39	142	1863527	45.988	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	931080	40.906	ng	98

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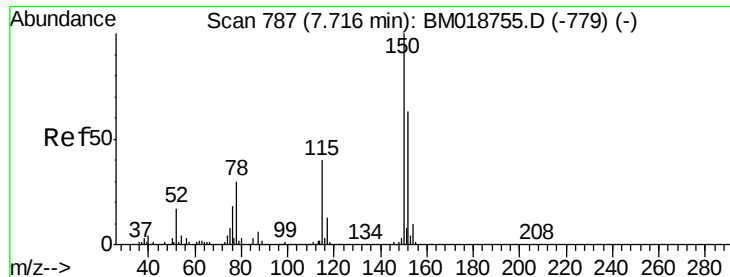
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 2/13/2019 1:37:42 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1187050	102.003	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	659373	43.759	ng	98
44) 2,4,5-Trichlorophenol	12.86	196	700154	44.332	ng	99
46) 1,1'-Biphenyl	13.19	154	2500601	40.827	ng	99
47) 2-Chloronaphthalene	13.23	162	1942881	41.069	ng	99
48) 2-Nitroaniline	13.46	65	699117	44.497	ng	98
49) Acenaphthylene	14.09	152	3227284	45.815	ng	100
50) Dimethylphthalate	13.83	163	2537656	42.794	ng	99
51) 2,6-Dinitrotoluene	13.96	165	564679	43.959	ng	97
52) Acenaphthene	14.43	154	1840381	42.608	ng	100
53) 3-Nitroaniline	14.29	138	604259	41.632	ng	98
54) 2,4-Dinitrophenol	14.50	184	421755	53.778	ng	99
55) Dibenzofuran	14.76	168	3013121	42.442	ng	99
56) 4-Nitrophenol	14.60	139	988512	85.317	ng	100
57) 2,4-Dinitrotoluene	14.74	165	803843	45.418	ng	99
58) Fluorene	15.42	166	2476202	45.592	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	652871	46.767	ng	98
60) Diethylphthalate	15.19	149	2649653	43.316	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	1233850	40.518	ng	98
62) 4-Nitroaniline	15.46	138	613623	43.124	ng	99
63) Azobenzene	15.70	77	2839126	43.288	ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	368311	31.747	ng	98
66) n-Nitrosodiphenylamine	15.63	169	2162709	41.427	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	737394	39.868	ng	97
68) Hexachlorobenzene	16.41	284	858698	39.942	ng	98
69) Atrazine	16.59	200	745732	44.308	ng	99
70) Pentachlorophenol	16.76	266	1096943	79.245	ng	99
71) Phenanthrene	17.16	178	3948969	44.469	ng	100
72) Anthracene	17.24	178	4027908	46.601	ng	100
73) Carbazole	17.53	167	3717462	41.167	ng	99
74) Di-n-butylphthalate	18.08	149	4592301	44.219	ng	100
75) Fluoranthene	19.17	202	4674728	45.573	ng	98
77) Benzidine	19.38	184	5240706	127.904	ng	100
78) Pyrene	19.54	202	4786258	45.297	ng	100
80) Butylbenzylphthalate	20.44	149	2222564	46.154	ng	99
81) Benzo(a)anthracene	21.29	228	4828959	45.534	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1851636	44.178	ng	99
83) Chrysene	21.34	228	4513103	44.399	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3212434	45.579	ng	100
85) Di-n-octyl phthalate	22.10	149	5571763	47.036	ng	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	4898850	41.743	ng	99
88) Benzo(b)fluoranthene	22.89	252	4823547	46.900	ng	100
89) Benzo(k)fluoranthene	22.93	252	4636874	45.286	ng	100
90) Benzo(a)pyrene	23.47	252	4523833	46.432	ng	98
91) Dibenzo(a,h)anthracene	25.87	278	4195394	43.463	ng	99
92) Benzo(g,h,i)perylene	26.57	276	3818597	42.493	ng	99

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



#1

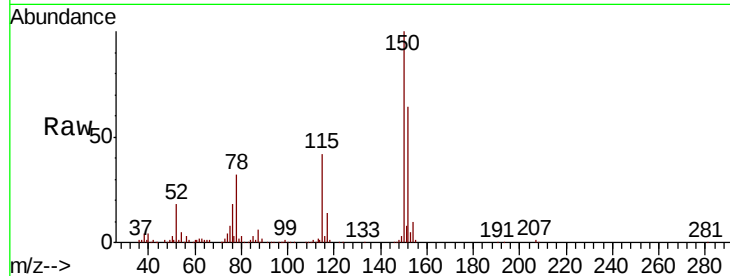
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.3	190.9
115	64.4	50.8	76.2

Manual Integrations
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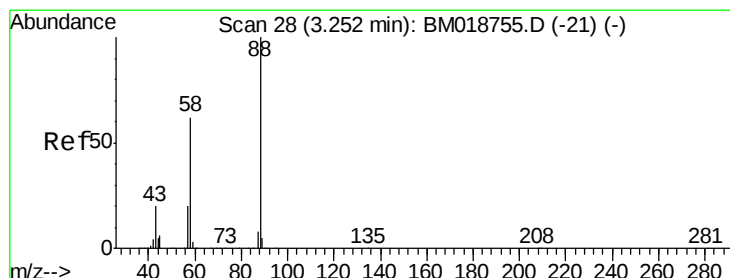
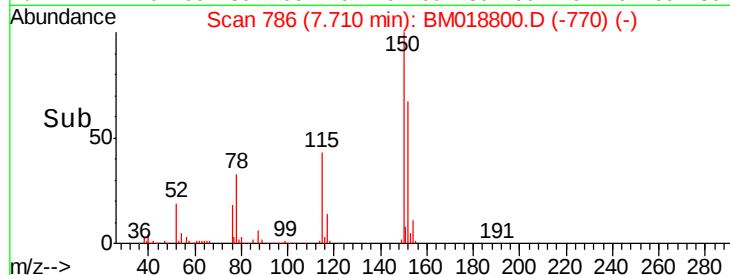
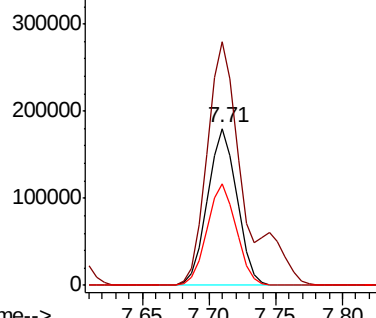


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

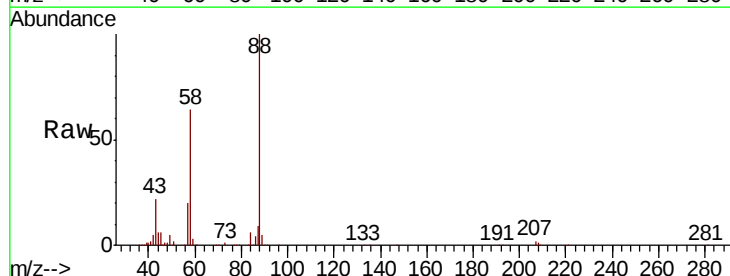
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.933 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	49.8	74.6
43	22.3	16.7	25.1

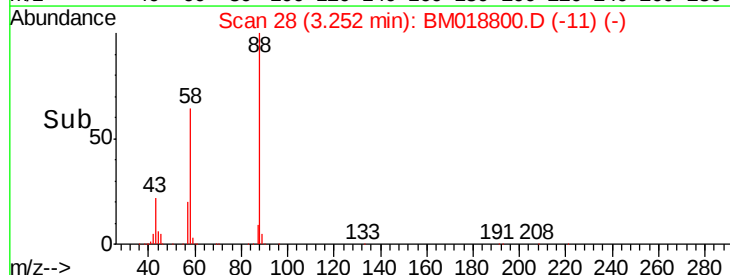
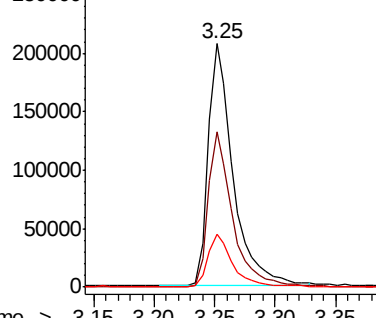


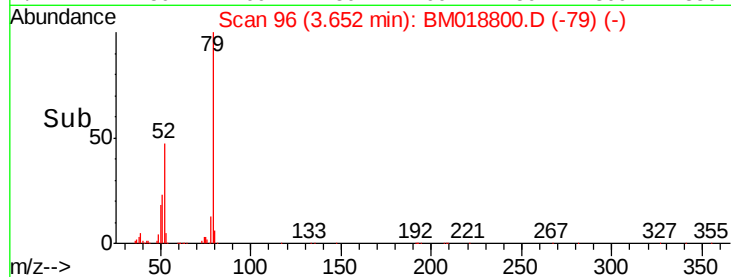
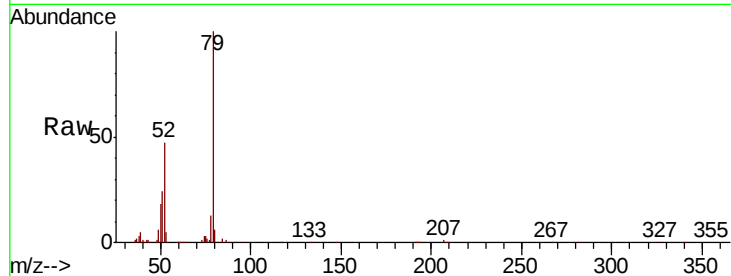
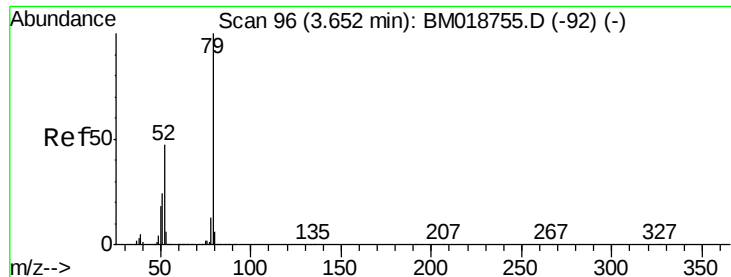
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





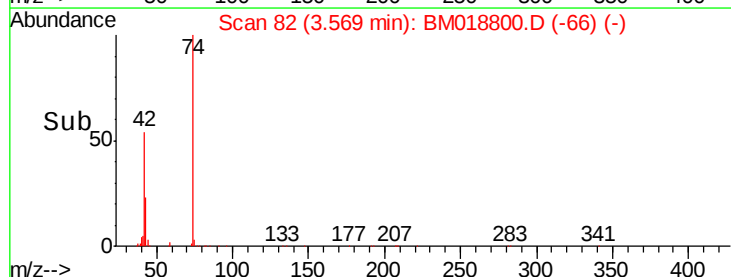
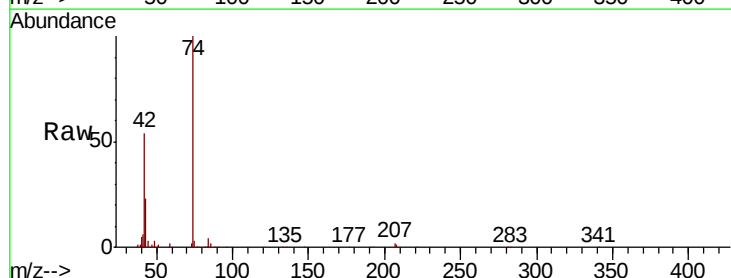
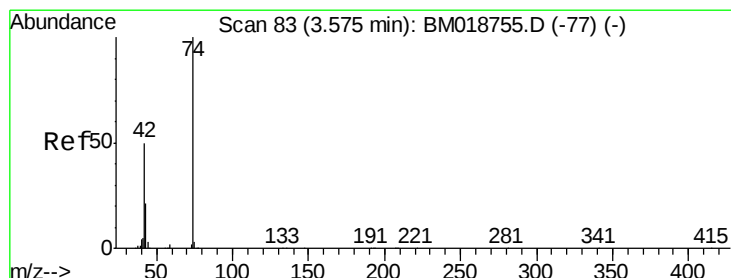
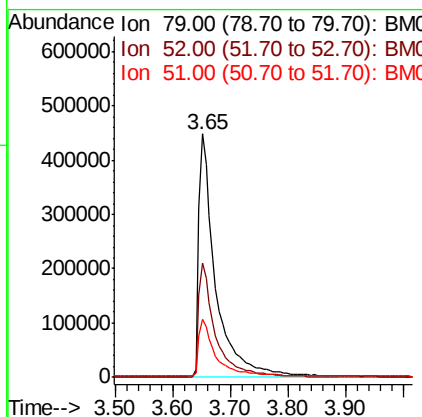
#3
Pvridine
Concen: 46.346 ng
RT: 3.65 min Scan# 96
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.9	37.6	56.4
51	23.8	19.7	29.5

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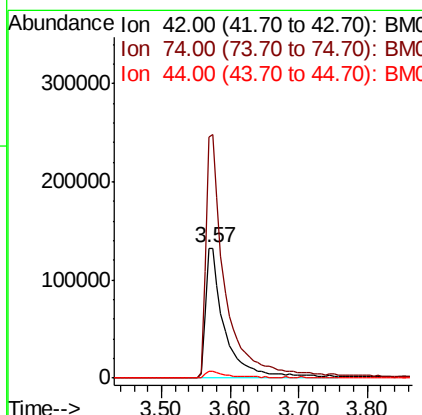
Manual Integrations
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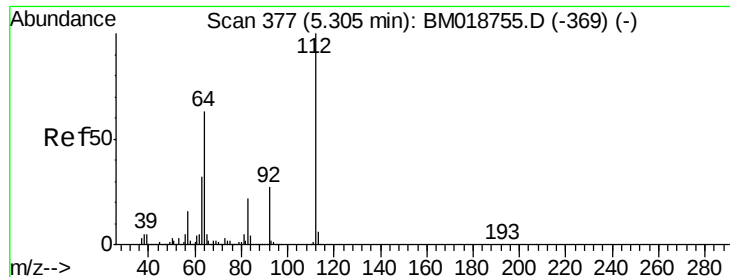
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#4
n-Nitrosodimethylamine
Concen: 51.917 ng
RT: 3.57 min Scan# 82
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	184.6	158.1	237.1
44	5.4	4.9	7.3





#5

2-Fluorophenol

Concen: 79.638 ng

RT: 5.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

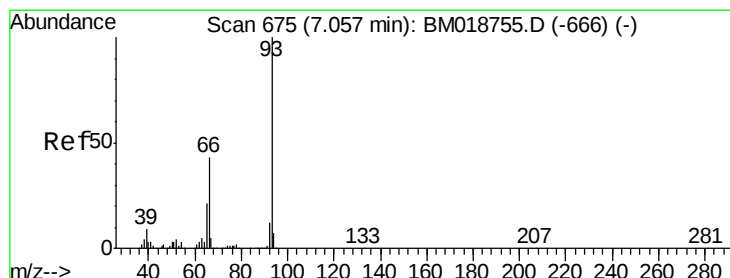
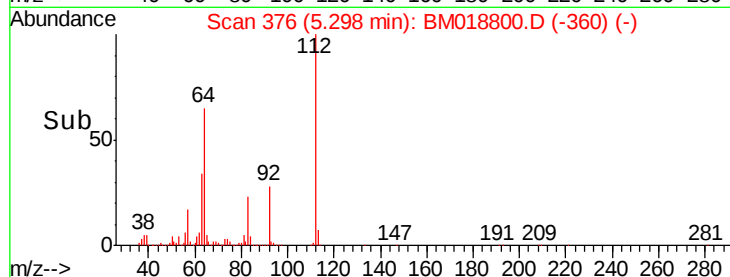
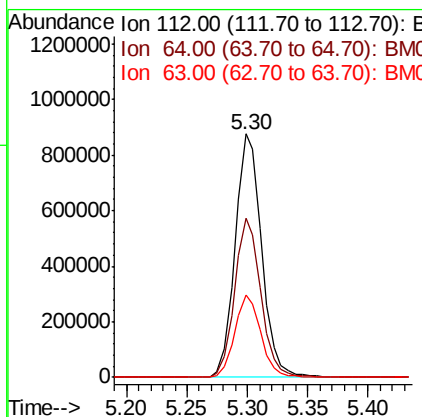
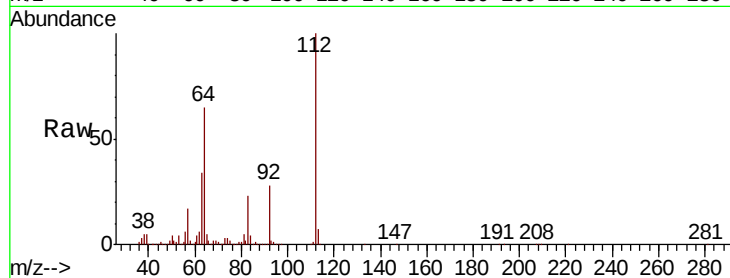
ClientSampleId :

PB117038BS

Tot Ion:	112	Resp:	1341186
Ion	Ratio	Lower	Upper
112	100		
64	65.1	50.6	75.8
63	33.6	25.7	38.5

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#6

Aniline

Concen: 46.574 ng

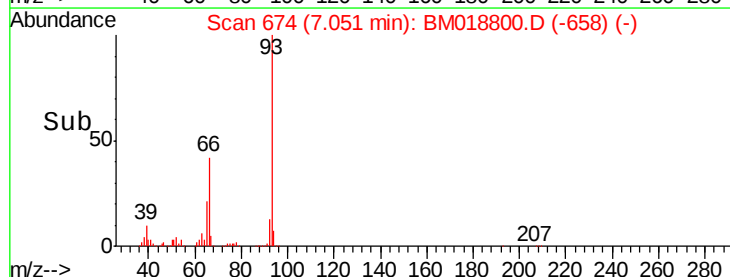
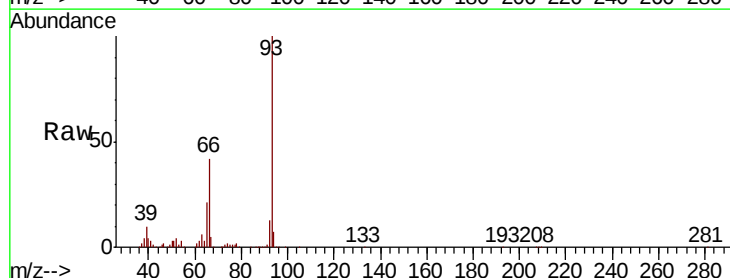
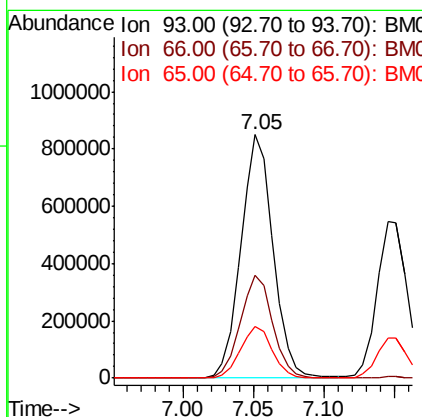
RT: 7.05 min Scan# 674

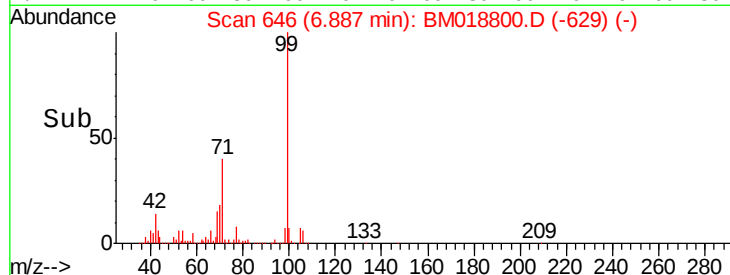
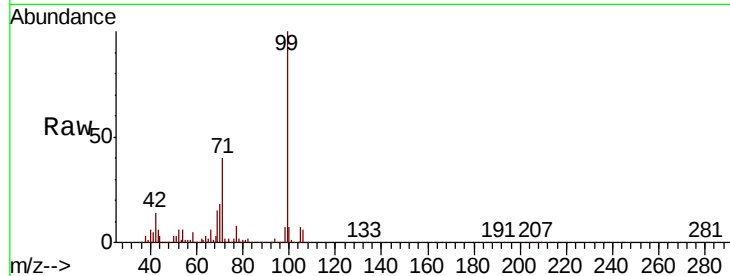
Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion:	93	Resp:	1353853
Ion	Ratio	Lower	Upper
93	100		
66	42.4	34.1	51.1
65	21.2	16.6	24.8





#7

Phenol-d6

Concen: 82.954 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tot Ion:	99	Resp:	1968085
Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.6
71	39.6	31.3	46.9

Instrument :

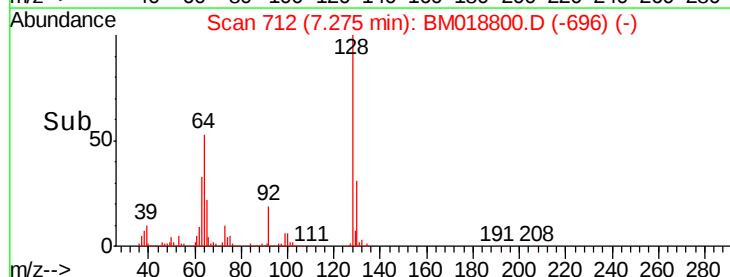
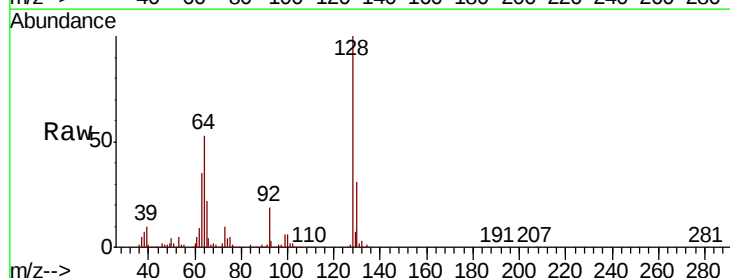
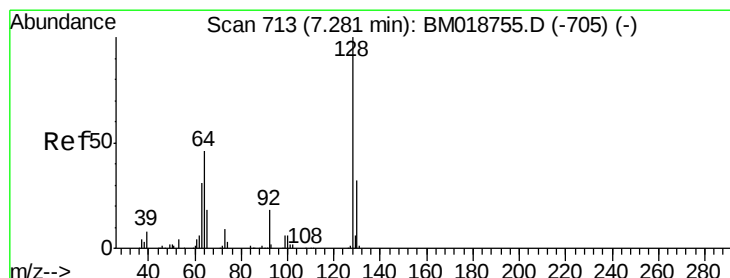
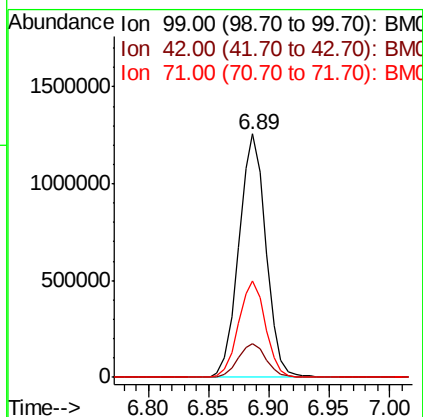
BNA_M

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#8

2-Chlorophenol

Concen: 43.595 ng

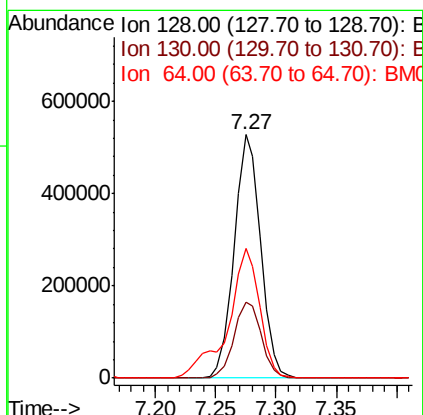
RT: 7.27 min Scan# 712

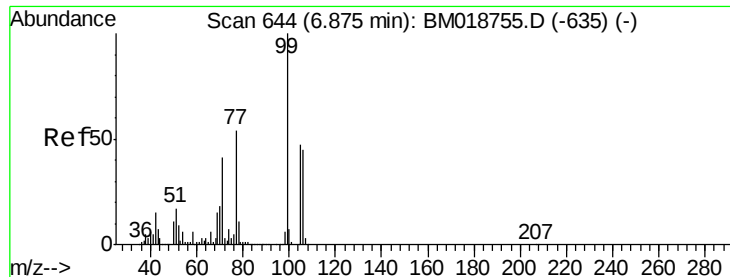
Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion:	128	Resp:	806083
Ion	Ratio	Lower	Upper
128	100		
130	31.3	11.7	51.7
64	53.3	31.0	71.0





#9

Benzaldehyde

Concen: 49.337 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

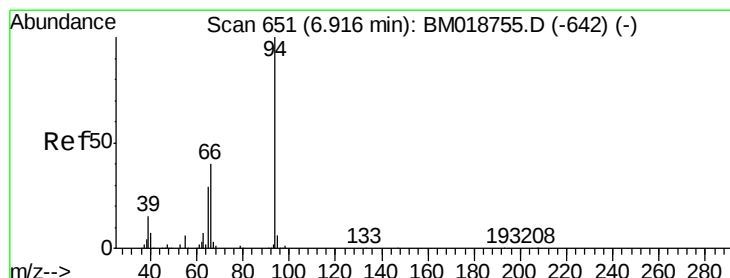
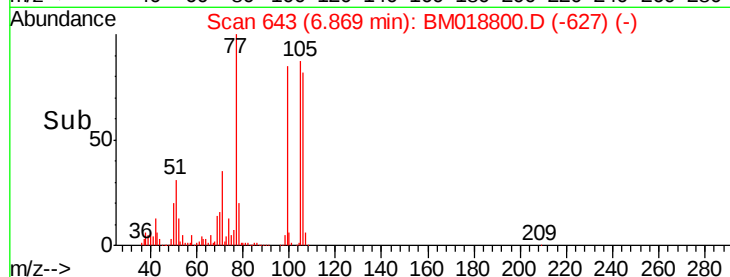
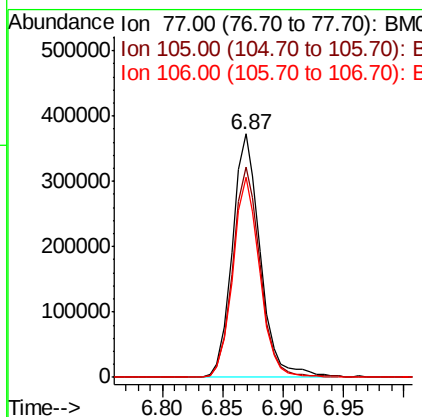
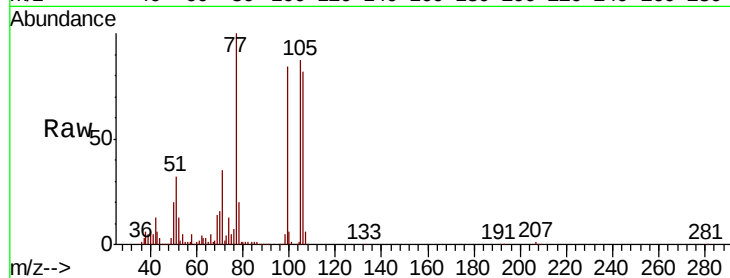
ClientSampled :

PB117038BS

Tot Ion:	77	Resp:	601837
Ion Ratio	Lower	Upper	
77	100		
105	86.6	67.3	107.3
106	82.2	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 44.468 ng

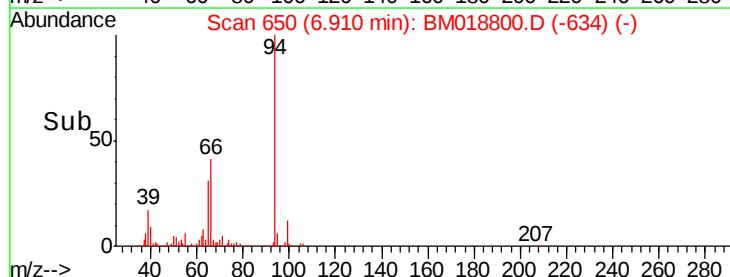
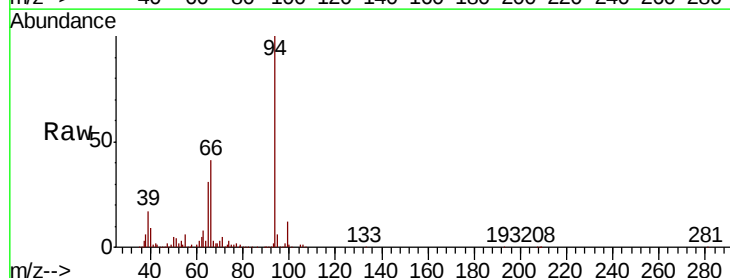
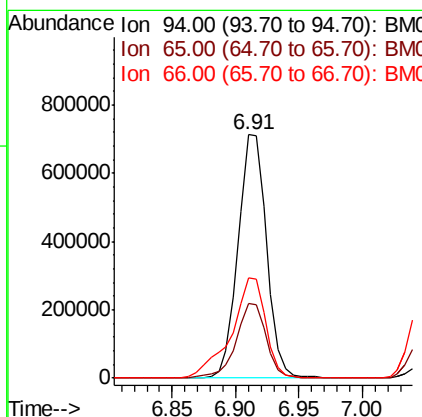
RT: 6.91 min Scan# 650

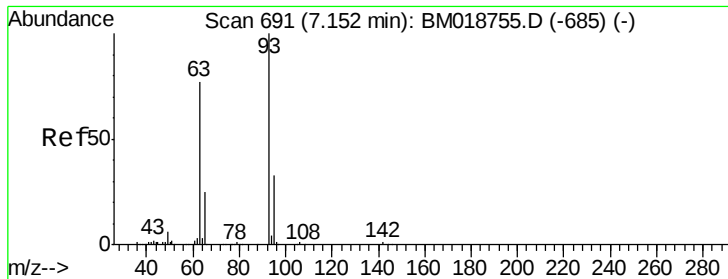
Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion:	94	Resp:	1110080
Ion Ratio	Lower	Upper	
94	100		
65	30.7	9.6	49.6
66	40.9	20.4	60.4





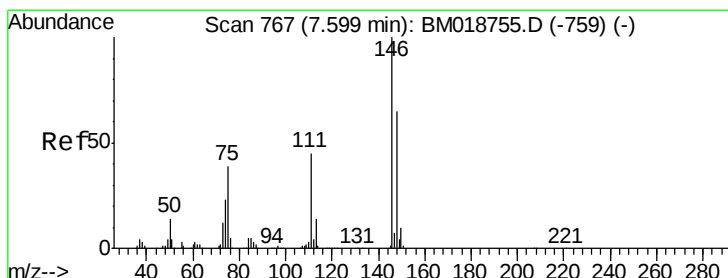
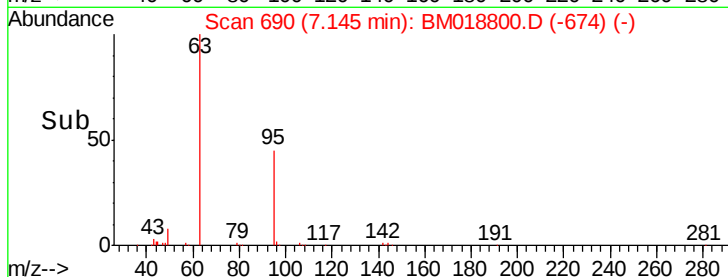
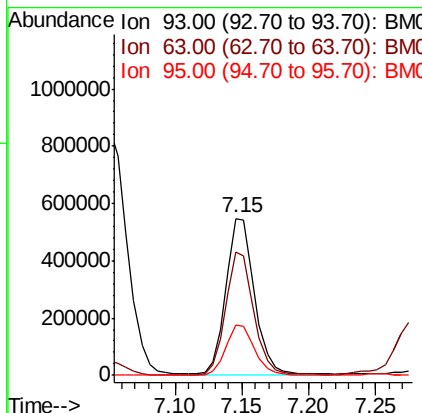
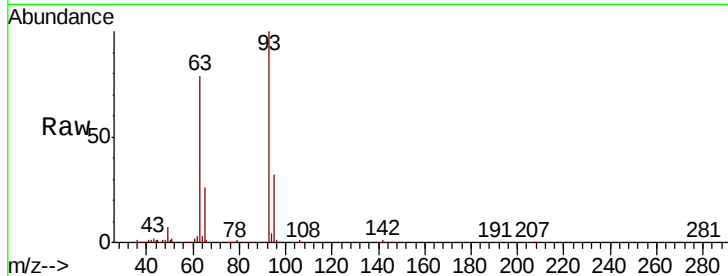
#11
bis(2-Chloroethyl)ether
Concen: 42.695 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampled :
PB117038BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	57.0	97.0
95	32.0	12.4	52.4

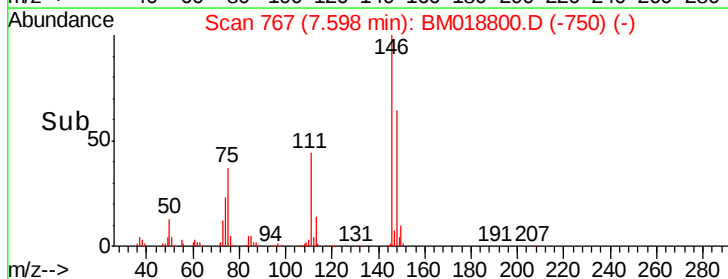
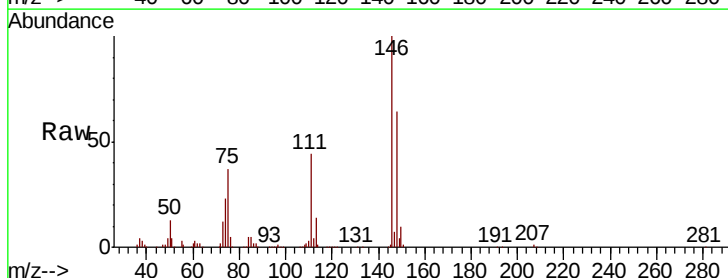
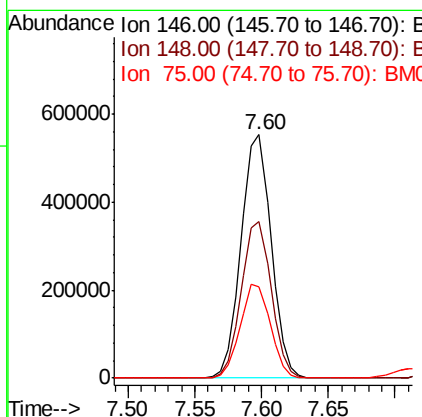
Manual Integrations
APPROVED

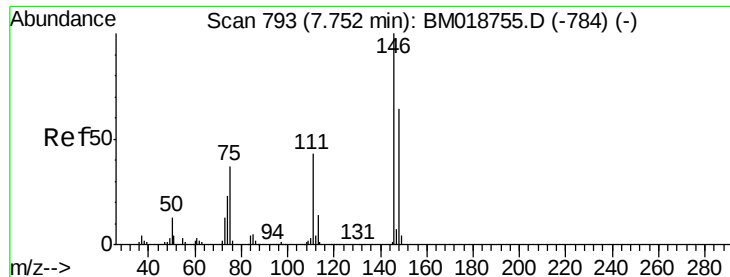
Sohil
2/13/2019 1:37:42 PM



#12
1,3-Dichlorobenzene
Concen: 41.532 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
75	37.3	31.3	46.9





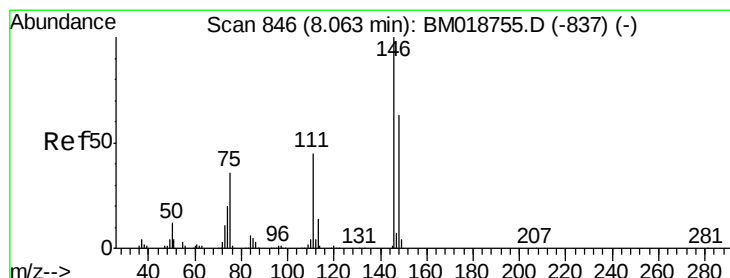
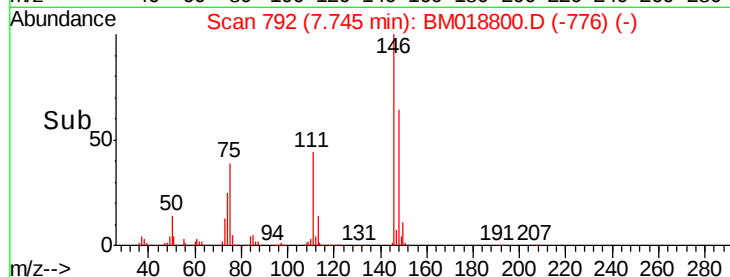
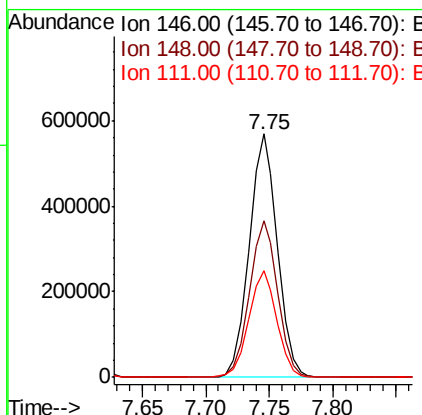
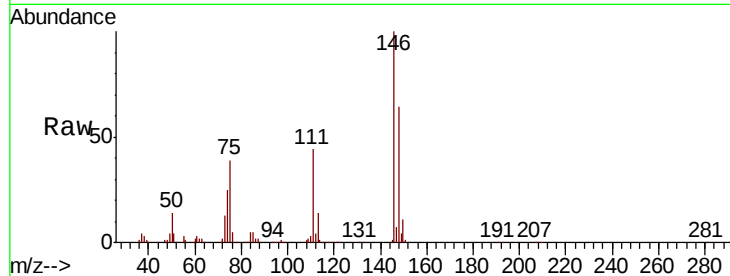
#13
 1,4-Dichlorobenzene
 Concen: 41.381 ng
 RT: 7.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	44.0	34.6	52.0

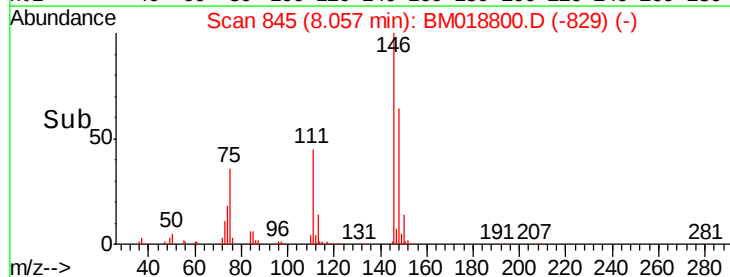
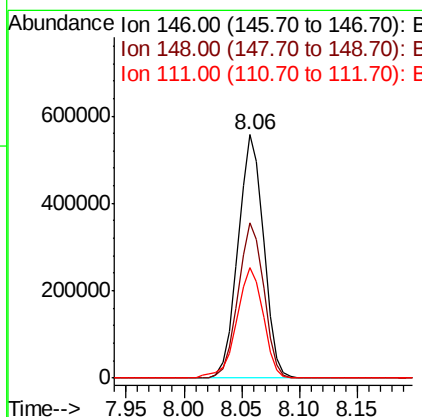
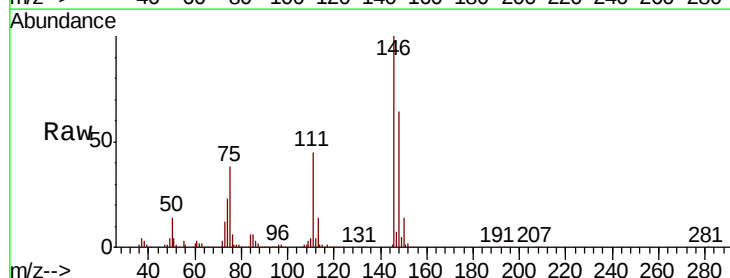
Manual Integrations
 APPROVED

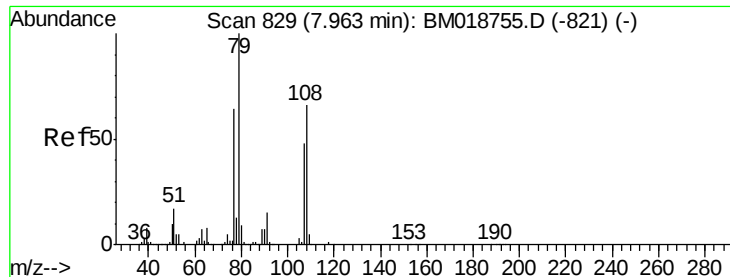
Sohil
 2/13/2019 1:37:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.955 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.7	76.1
111	45.2	35.9	53.9





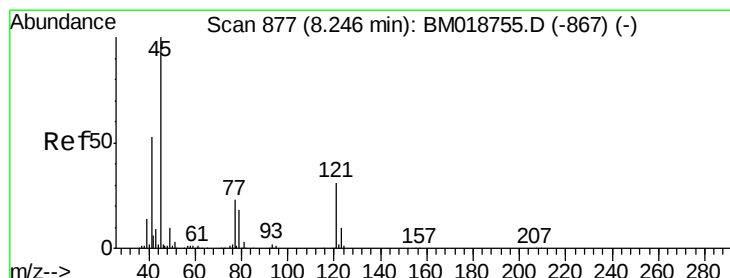
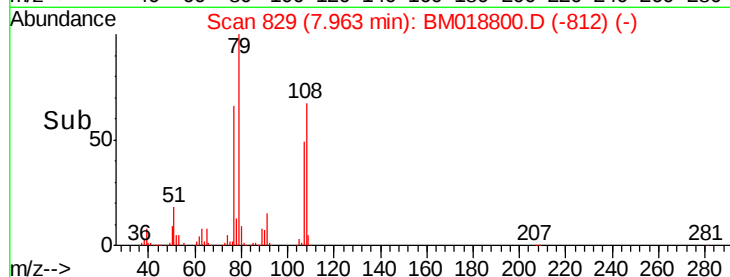
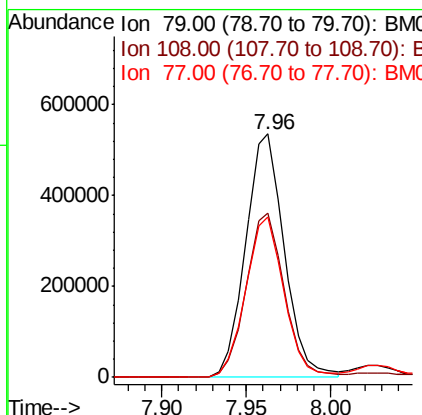
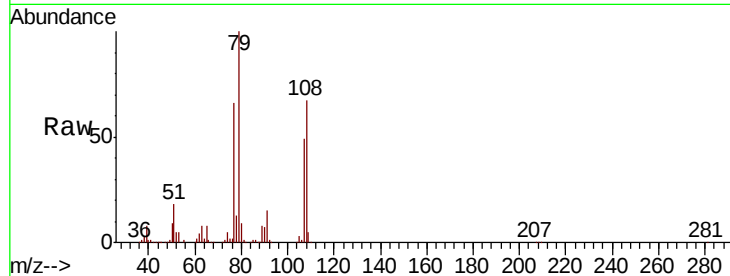
#15
Benzyl Alcohol
Concen: 45.350 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.2	52.7	79.1
77	66.0	51.0	76.4

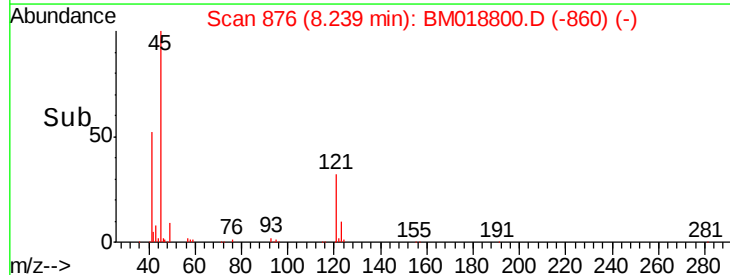
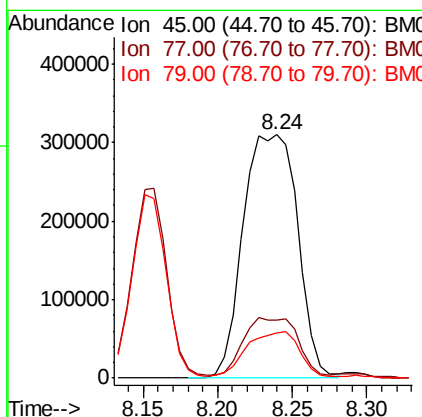
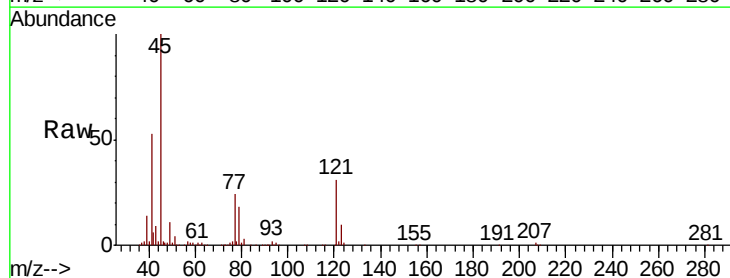
Manual Integrations
APPROVED

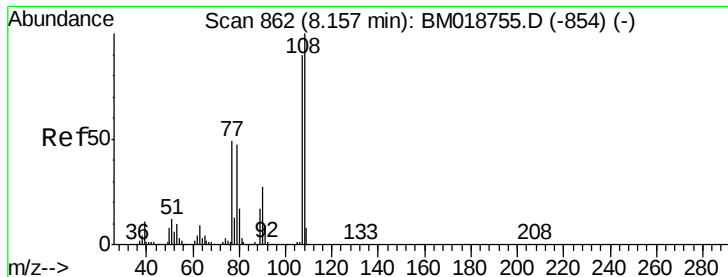
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.625 ng
RT: 8.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.9	5.0	45.0
79	18.3	0.0	39.3





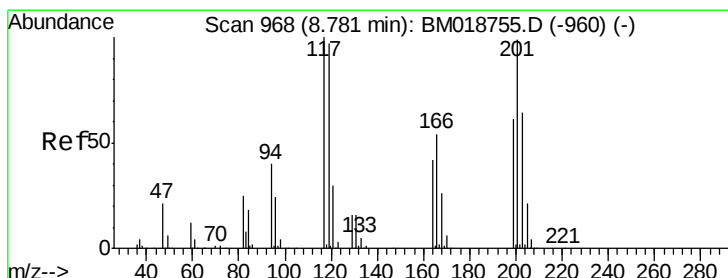
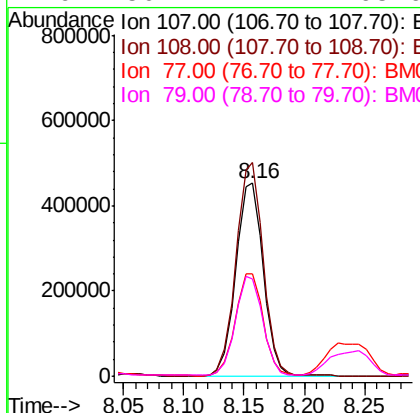
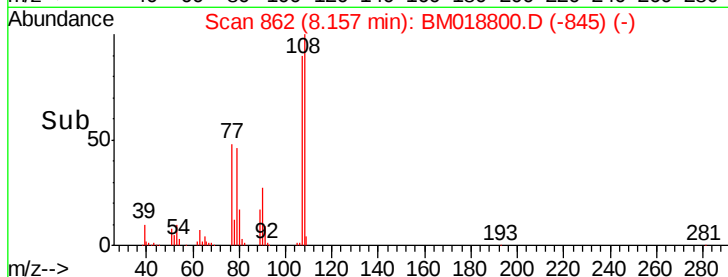
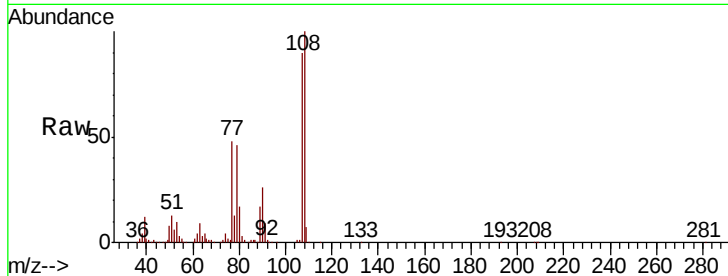
#17
2-Methylphenol
Concen: 45.186 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	88.8	133.2	
77	53.4	44.0	66.0	
79	50.7	42.4	63.6	

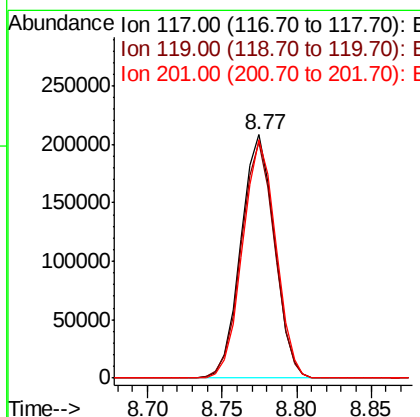
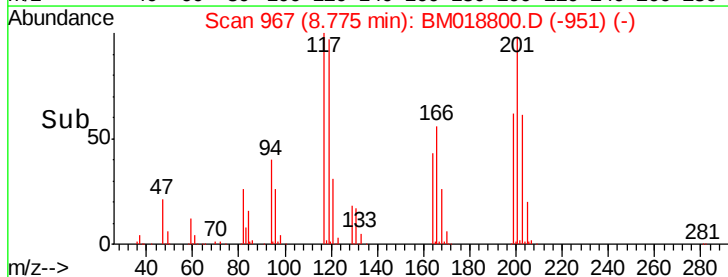
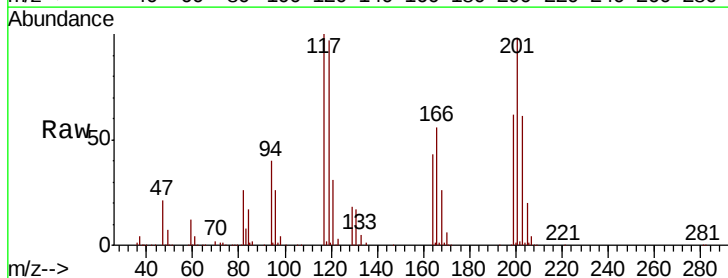
Manual Integrations
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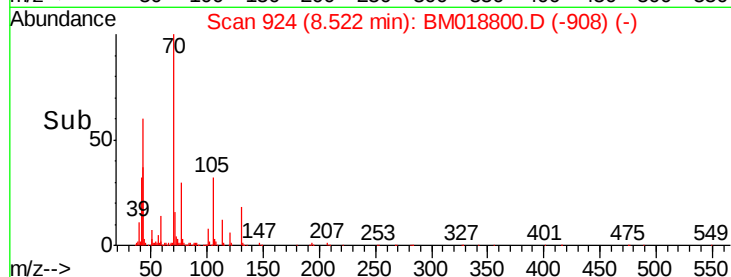
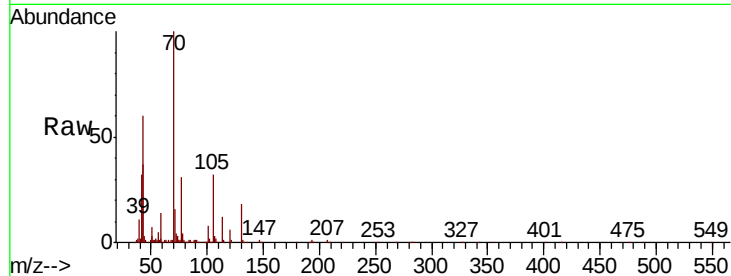
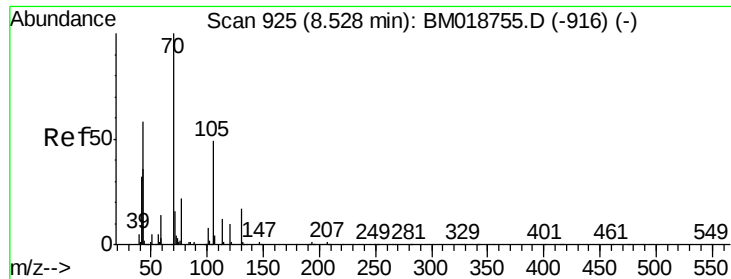
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#18
Hexachloroethane
Concen: 42.096 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	77.9	116.9	
201	98.0	79.2	118.8	





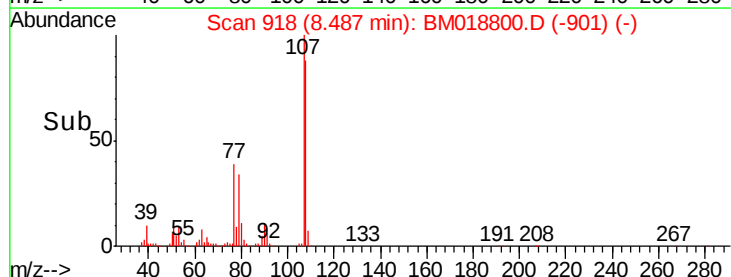
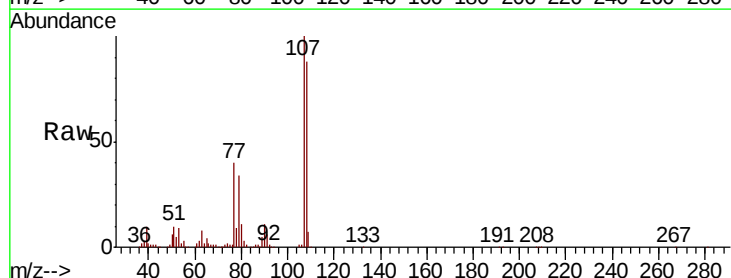
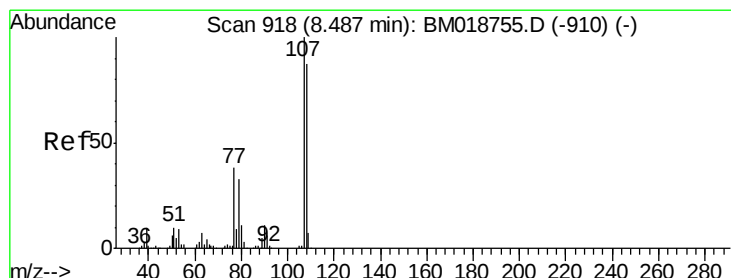
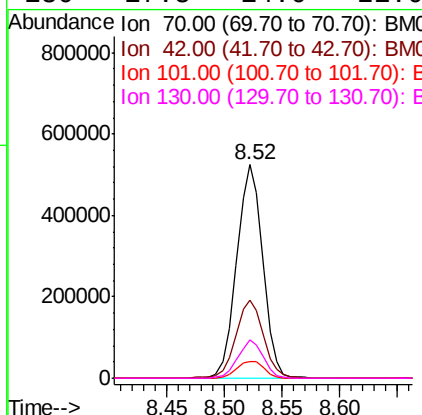
#19
n-Nitroso-di-n-propylamine
Concen: 44.627 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	36.7	29.4	44.0		
101	7.9	6.7	10.1		
130	17.8	14.0	21.0		

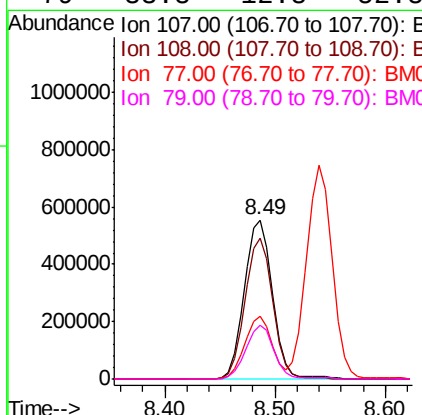
Manual Integrations
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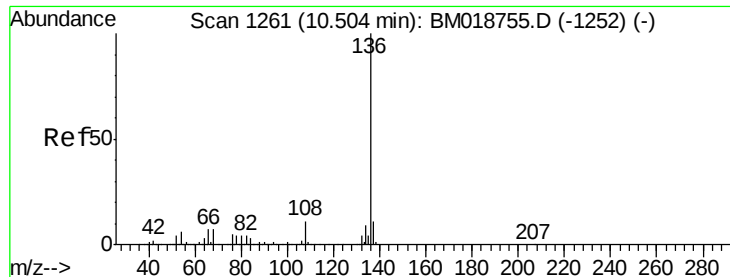
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#20
3+4-Methylphenols
Concen: 45.355 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.2	67.3	107.3		
77	39.6	18.0	58.0		
79	33.8	12.8	52.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

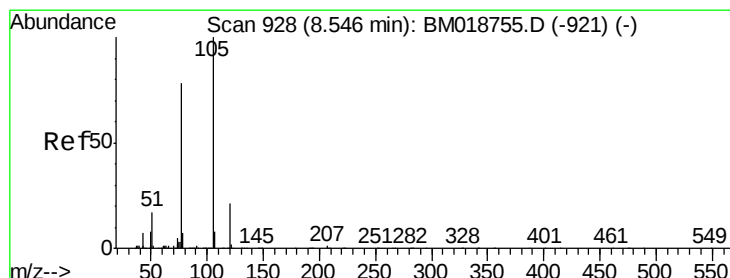
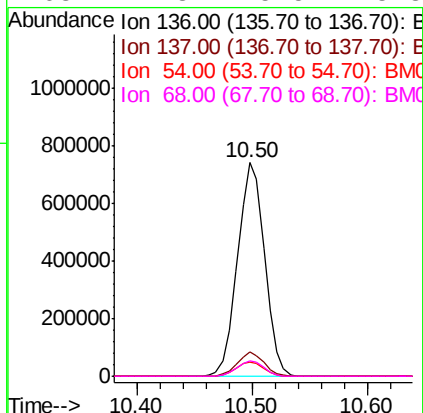
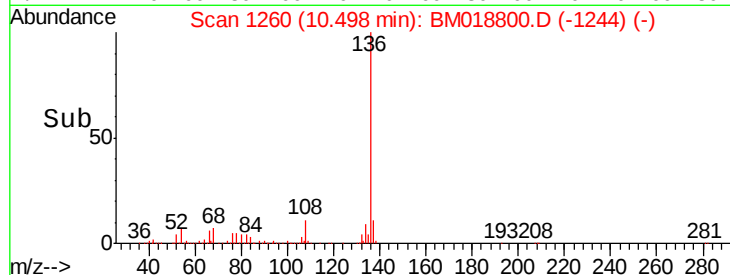
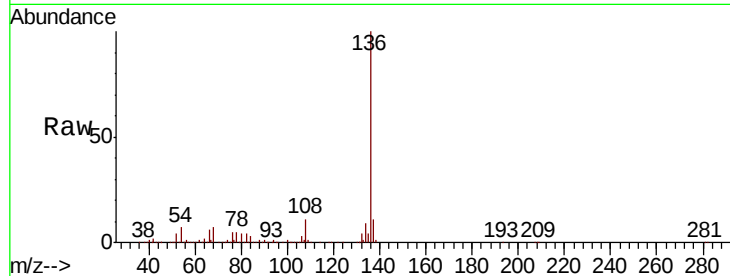
ClientSampleId :

PB117038BS

Tot Ion	136	Resp	1206804
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.8	5.0	7.6
68	7.3	5.5	8.3

Manual Integrations
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2/13/2019 1:37:42 PM



#22

Acetophenone

Concen: 40.892 ng

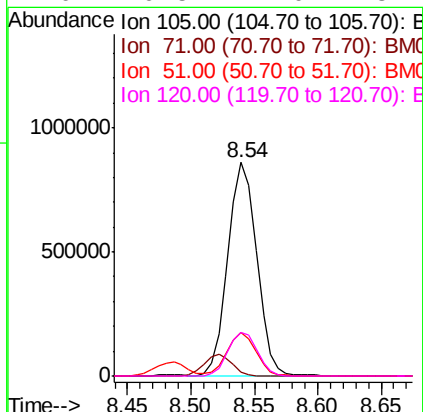
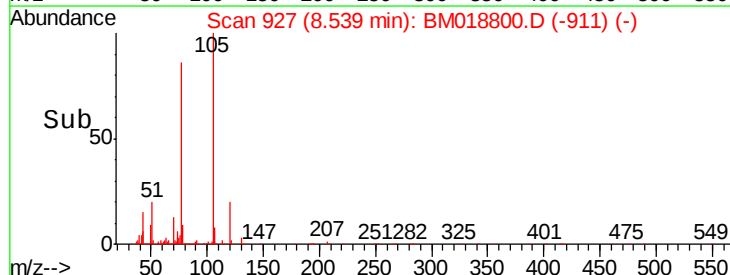
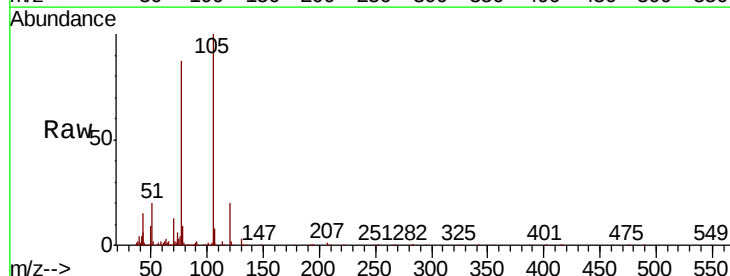
RT: 8.54 min Scan# 927

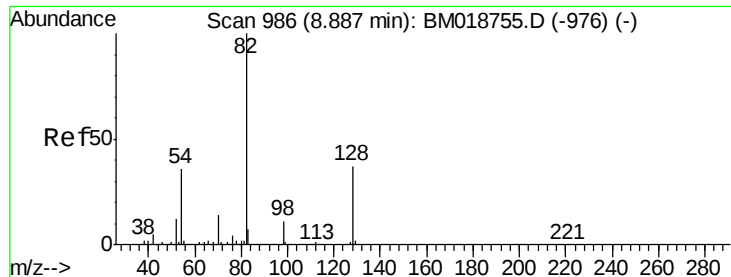
Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion	105	Resp	1355215
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.1	1.7#
51	20.2	15.5	23.3
120	20.5	17.0	25.4





#23

Nitrobenzene-d5

Concen: 80.945 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion: 82 Resp: 2112614

Ion Ratio Lower Upper

82 100

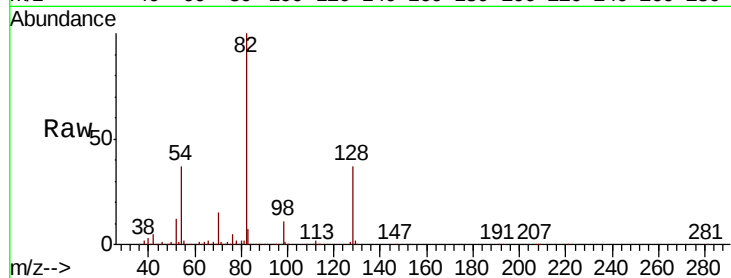
128 36.9 29.9 44.9

54 37.0 29.1 43.7

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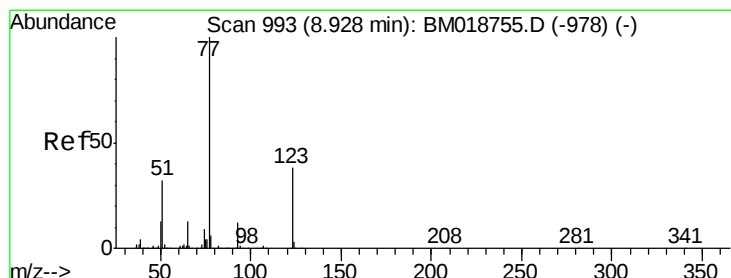
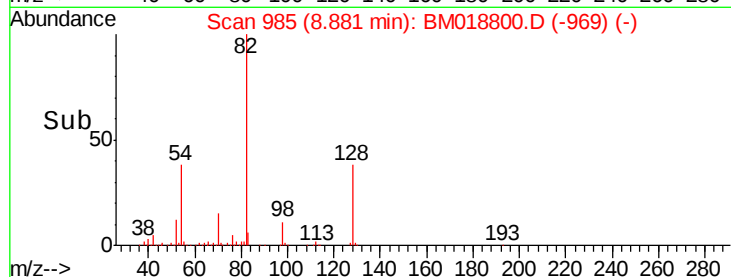
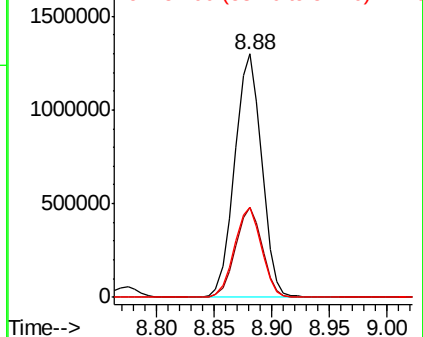
2/13/2019 1:37:42 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018800.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018800.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018800.D (-969) (-)



#24

Nitrobenzene

Concen: 42.474 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

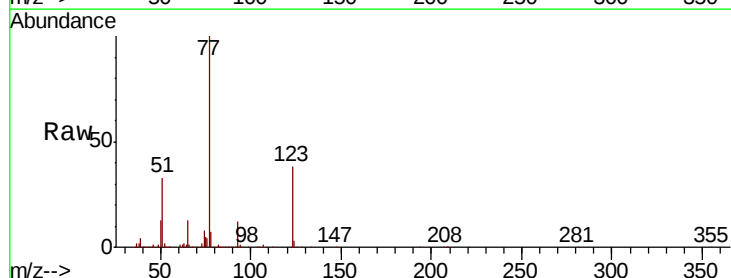
Tgt Ion: 77 Resp: 1150688

Ion Ratio Lower Upper

77 100

123 37.7 30.7 46.1

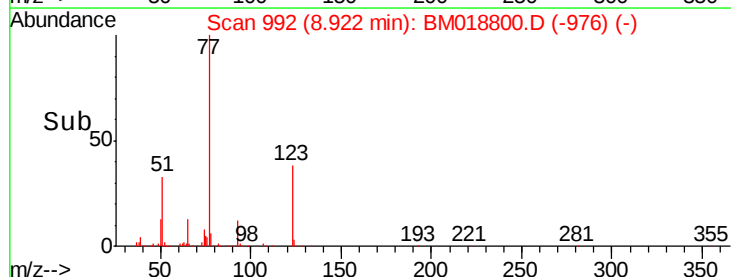
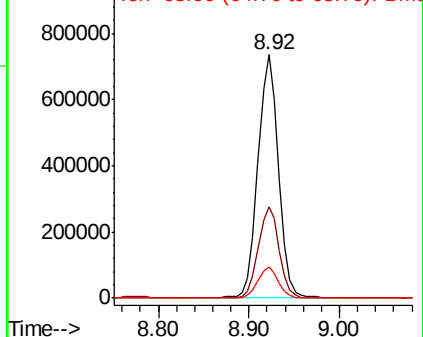
65 12.6 10.5 15.7

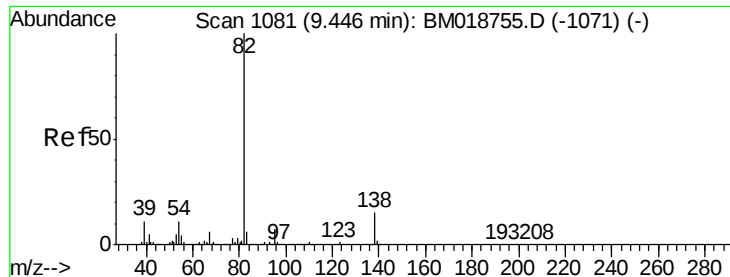


Abundance Ion 77.00 (76.70 to 77.70): BM018800.D (-976) (-)

Ion 123.00 (122.70 to 123.70): BM018800.D (-976) (-)

Ion 65.00 (64.70 to 65.70): BM018800.D (-976) (-)





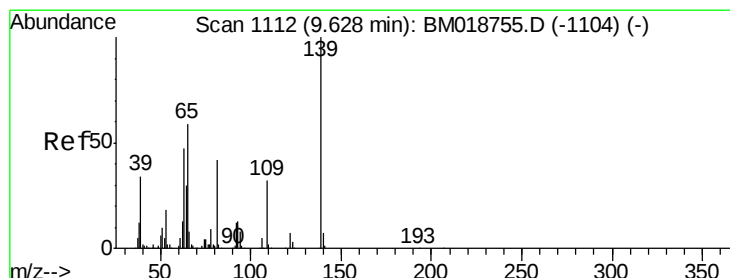
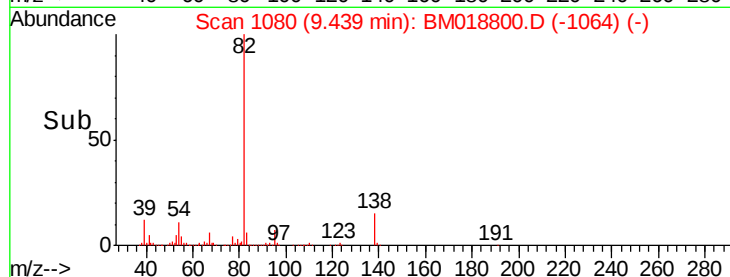
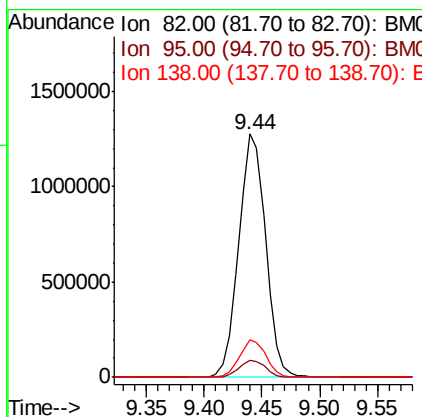
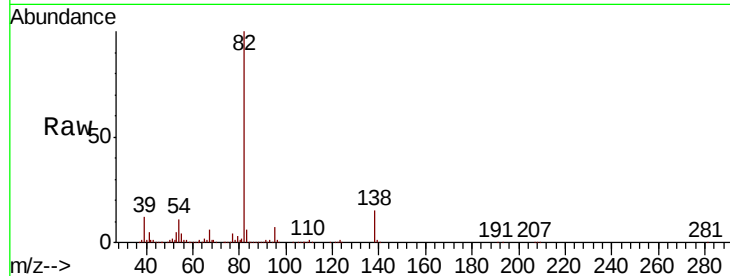
#25
Isophorone
Concen: 49.598 ng
RT: 9.44 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	15.2	12.3	18.5

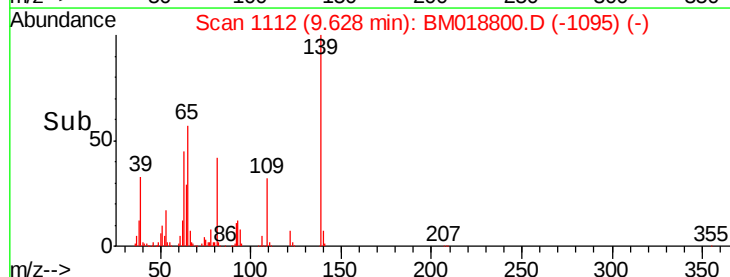
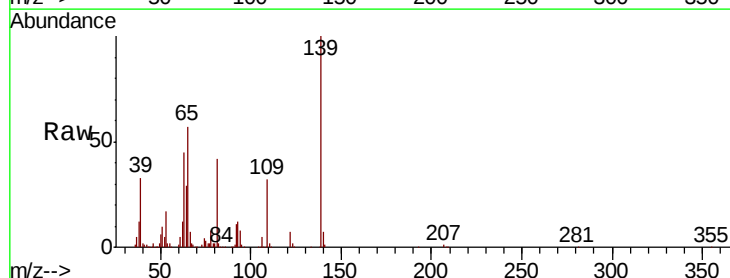
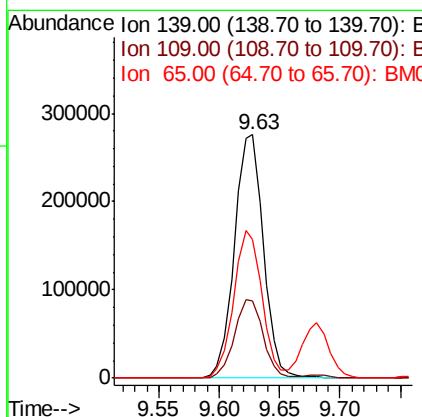
Manual Integrations
APPROVED

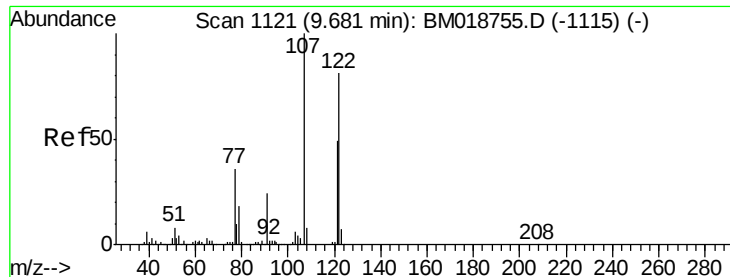
Sohil
2/13/2019 1:37:42 PM



#26
2-Nitrophenol
Concen: 42.926 ng
RT: 9.63 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.0	25.2	37.8
65	57.1	47.0	70.4





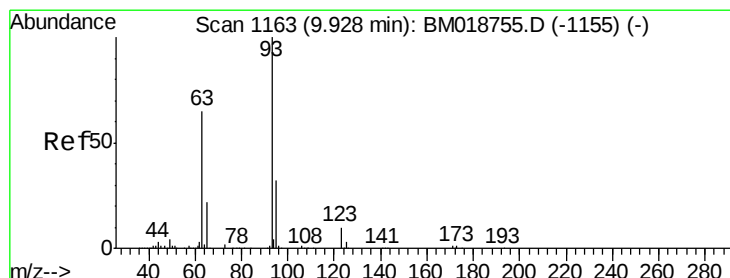
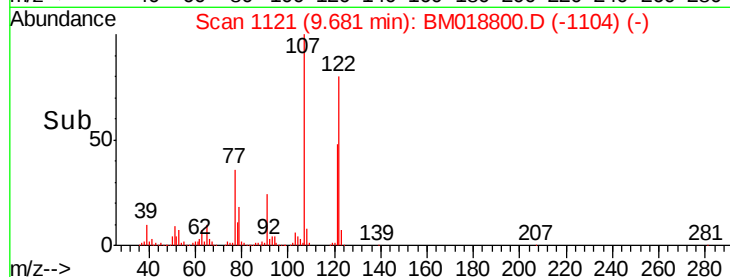
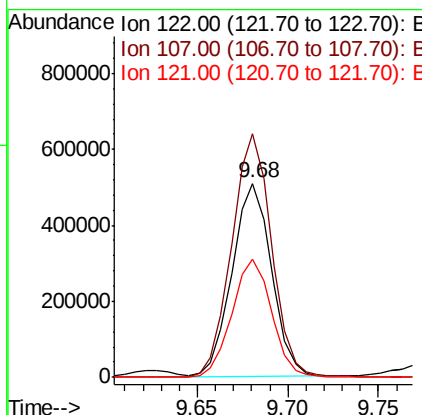
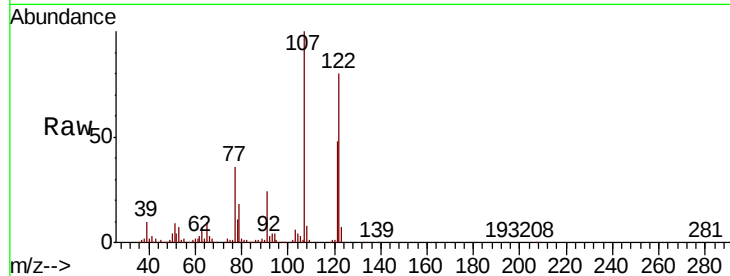
#27
 2,4-Dimethylphenol
 Concen: 48.959 ng
 RT: 9.68 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.4	97.6	146.4
121	60.6	47.9	71.9

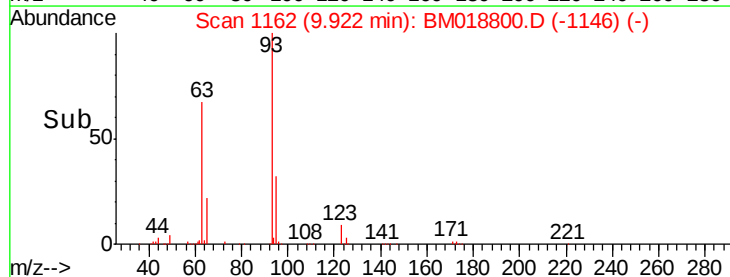
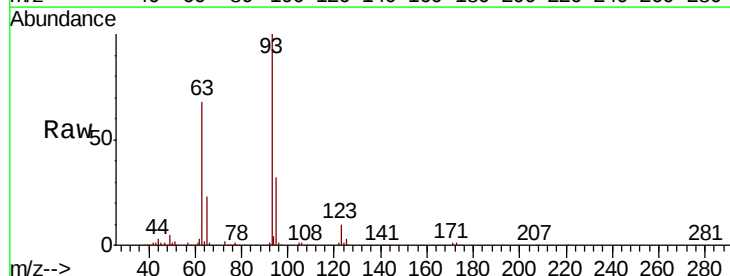
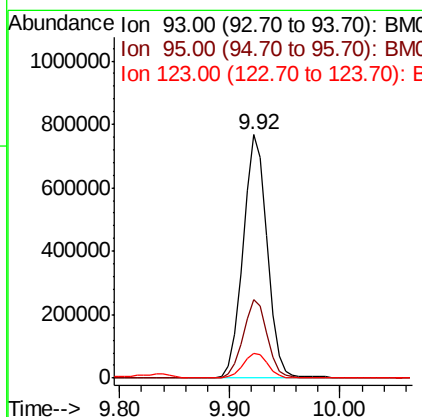
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.959 ng
 RT: 9.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.6	38.4
123	10.1	8.2	12.4





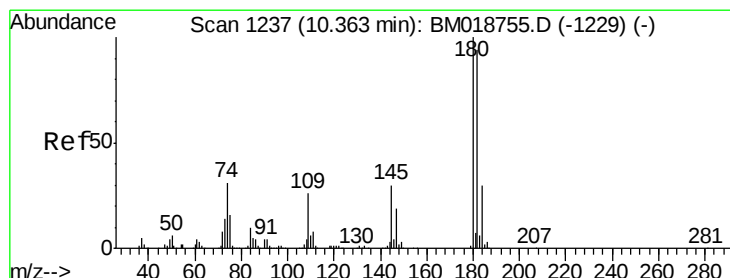
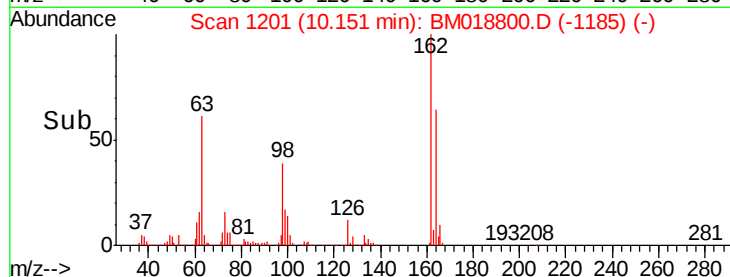
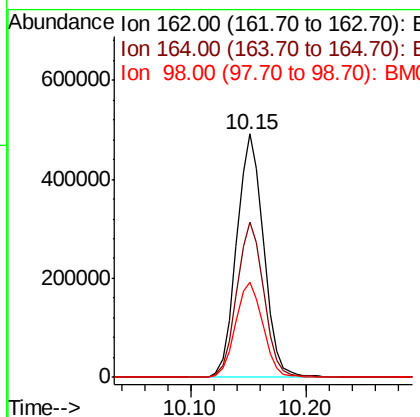
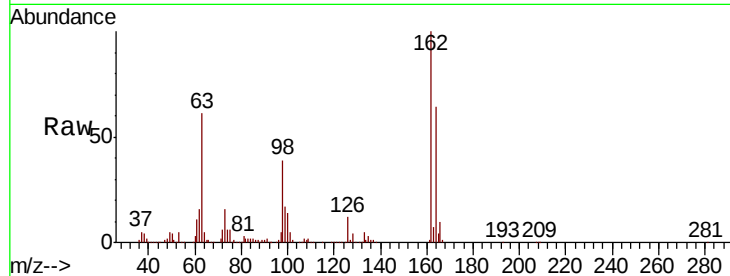
#29
2,4-Dichlorophenol
Concen: 43.928 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ion	Ratio	Resp Lower	Upper
162	100			
164	63.5	44.1	84.1	
98	39.1	19.4	59.4	

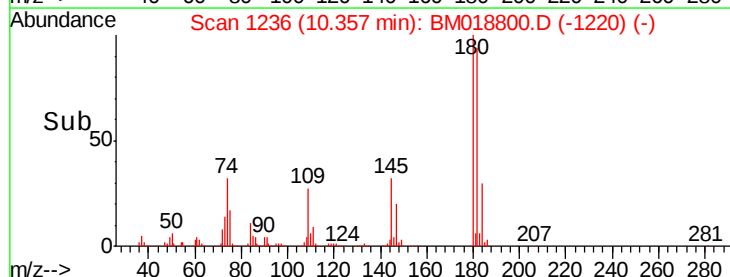
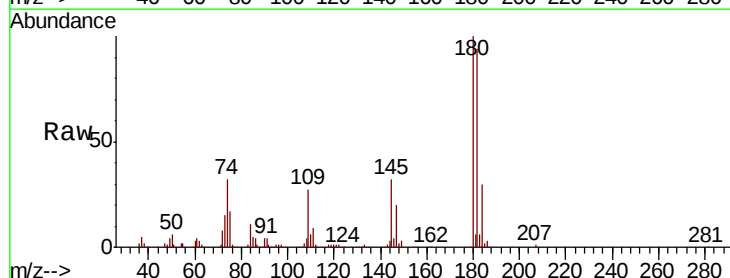
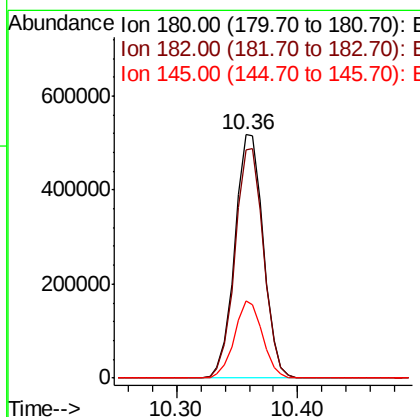
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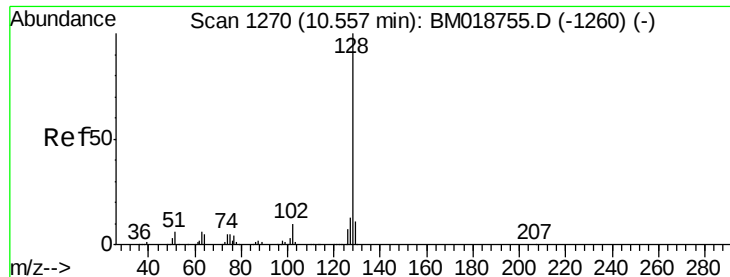
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#30
1,2,4-Trichlorobenzene
Concen: 40.863 ng
RT: 10.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ion	Ratio	Resp Lower	Upper
180	100			
182	93.8	75.0	112.6	
145	31.9	24.1	36.1	





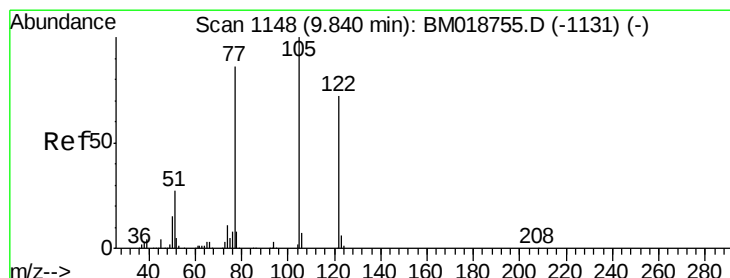
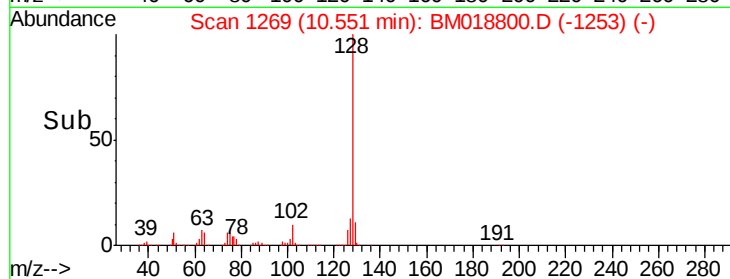
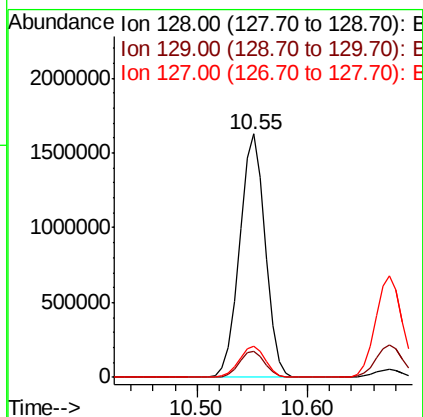
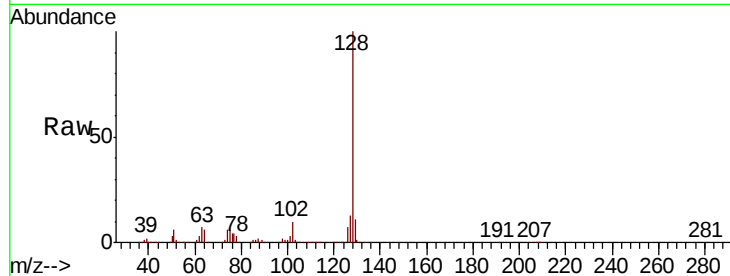
#31
Naphthalene
Concen: 44.873 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.0	10.7	16.1

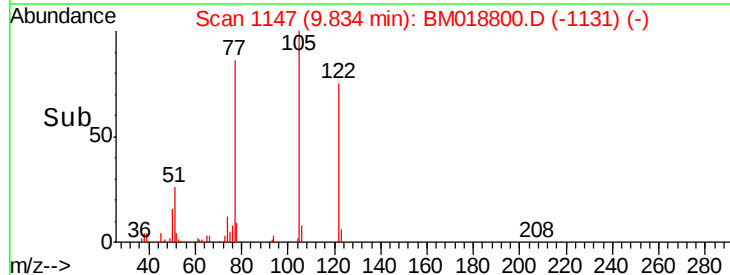
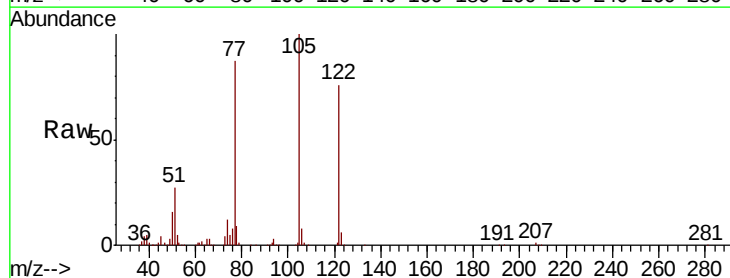
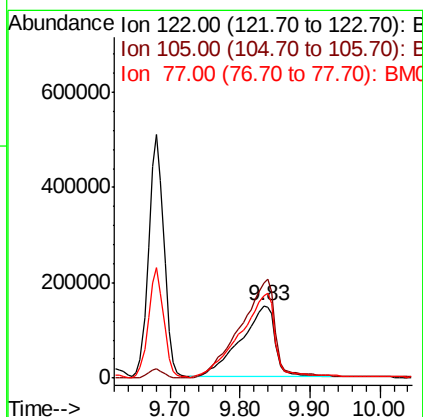
Manual Integrations
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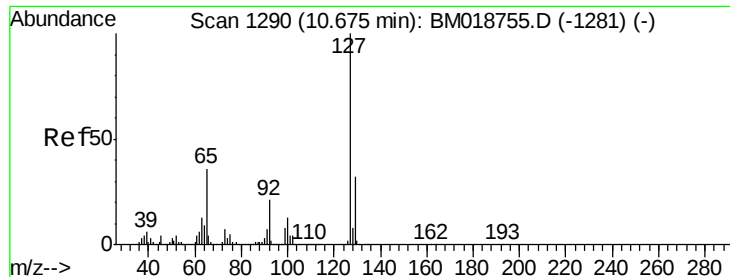
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#32
Benzoic acid
Concen: 37.852 ng m
RT: 9.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	117.5	157.5
77	114.0	98.5	138.5





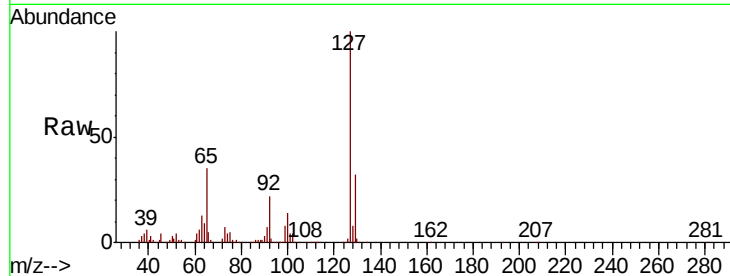
#33
4-Chloroaniline
Concen: 44.607 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampled :
PB117038BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	35.0	28.7	43.1
92	21.5	17.0	25.4

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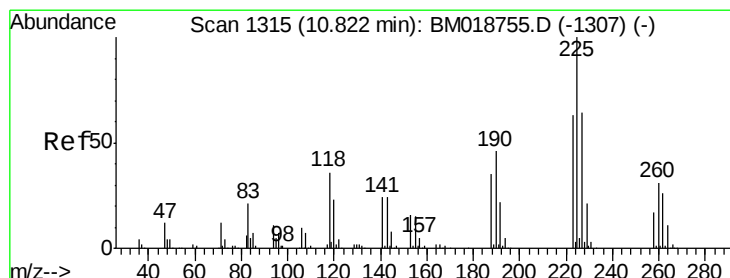
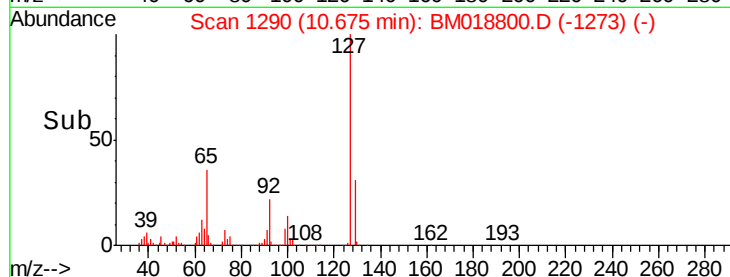
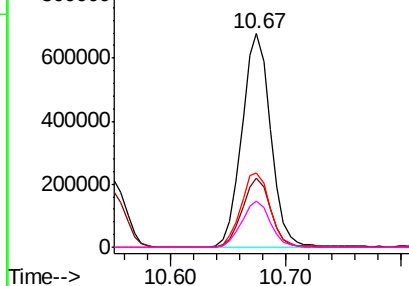
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

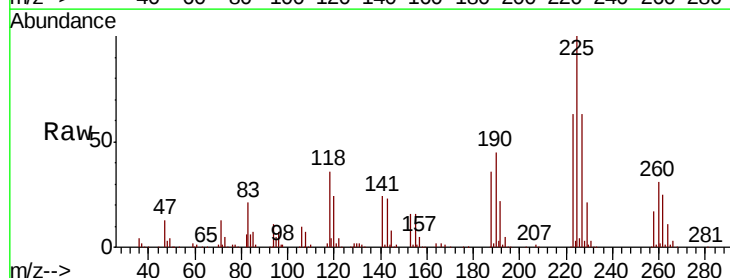
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 38.422 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	63.1	51.4	77.0

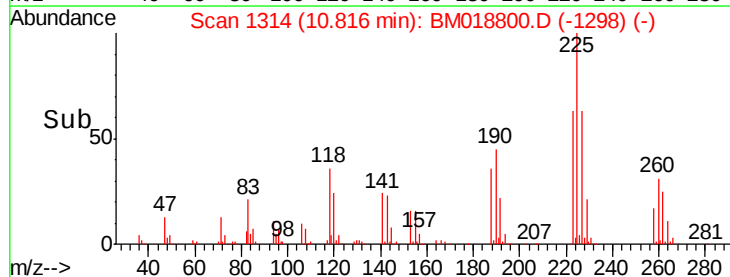
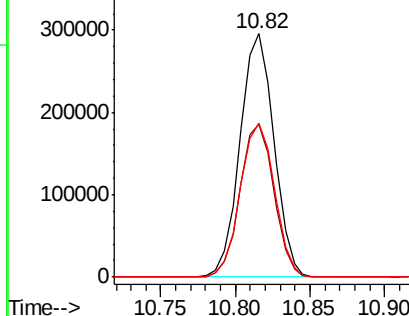


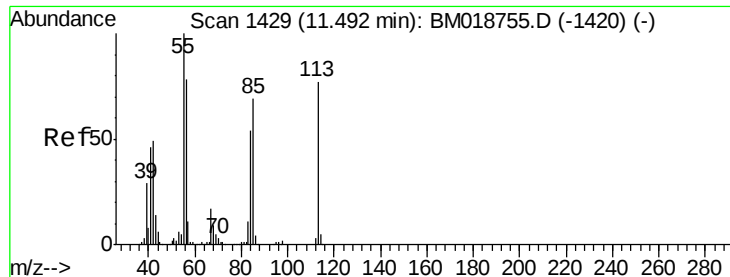
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.740 ng/mL

RT: 11.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

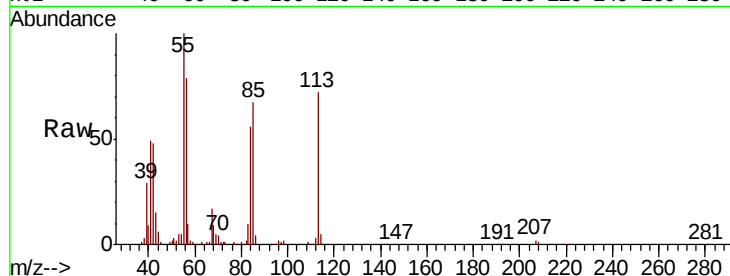
ClientSampled :

PB117038BS

Tot Ion:	113	Resp:	286063
Ion Ratio	Lower	Upper	
113	100		
55	139.0	110.7	150.7
56	110.2	82.4	122.4

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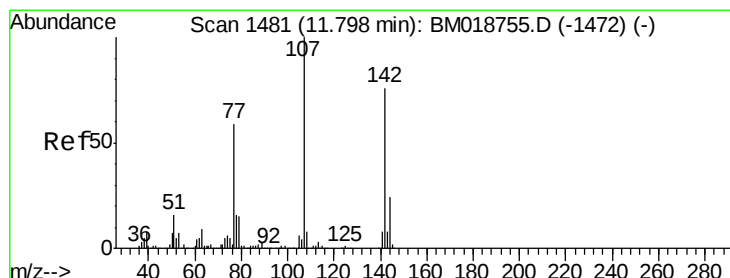
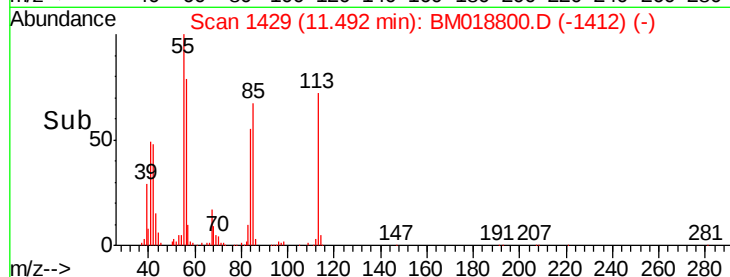
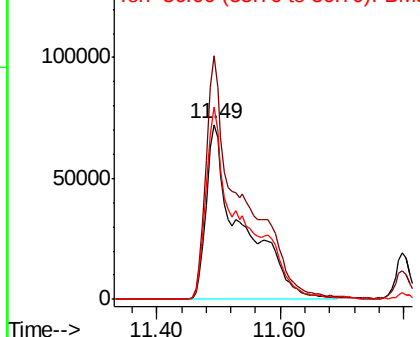
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM018800.D (-1412) (-)

Ion 56.00 (55.70 to 56.70): BM018800.D (-1412) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.415 ng/mL

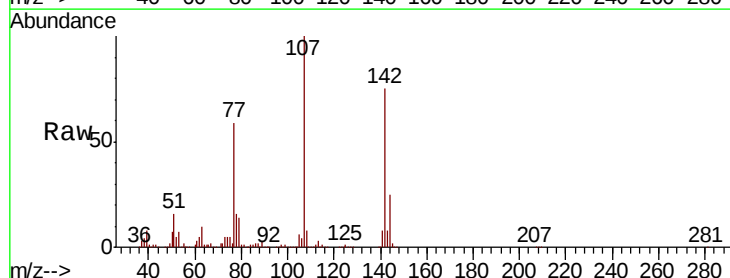
RT: 11.80 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

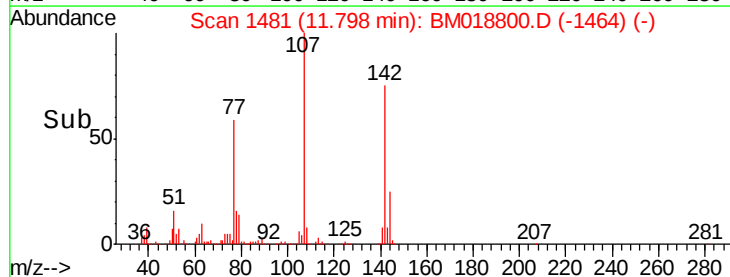
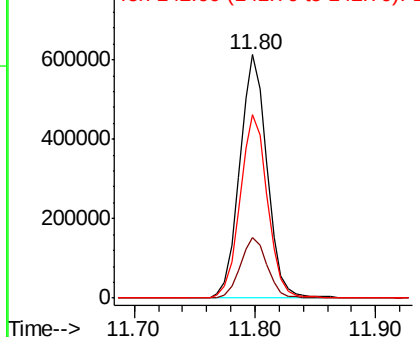
Tgt Ion:	107	Resp:	968900
Ion Ratio	Lower	Upper	
107	100		
144	24.8	19.3	28.9
142	75.3	60.5	90.7

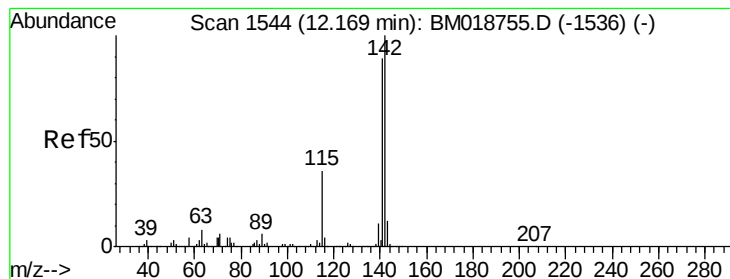


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.095 ng

RT: 12.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion:142 Resp: 1951569

Ion Ratio Lower Upper

142 100

141 90.1 71.2 106.8

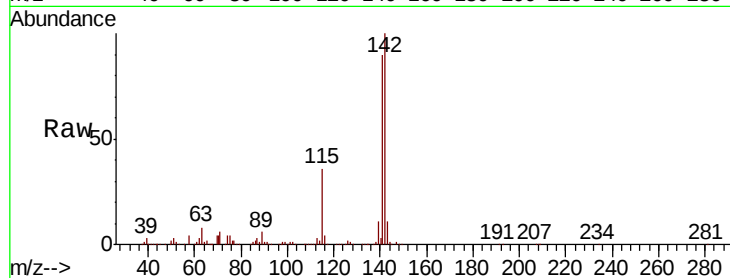
115 36.3 29.1 43.7

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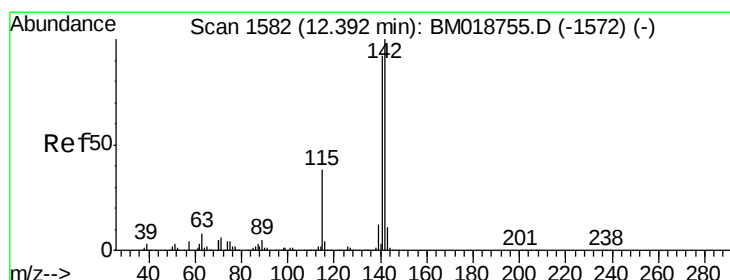
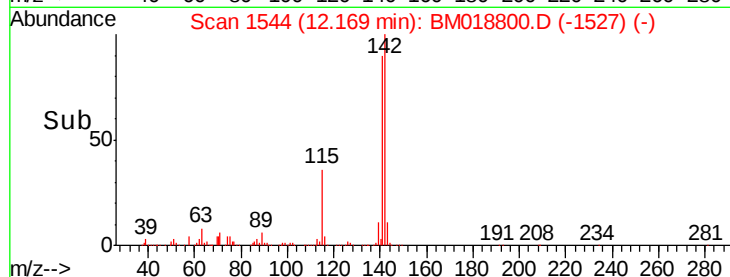
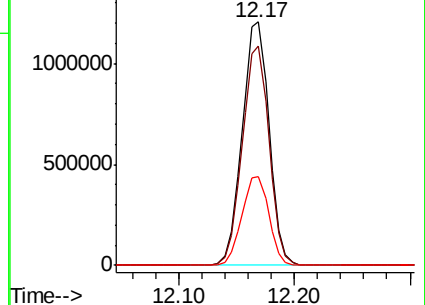
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.988 ng

RT: 12.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

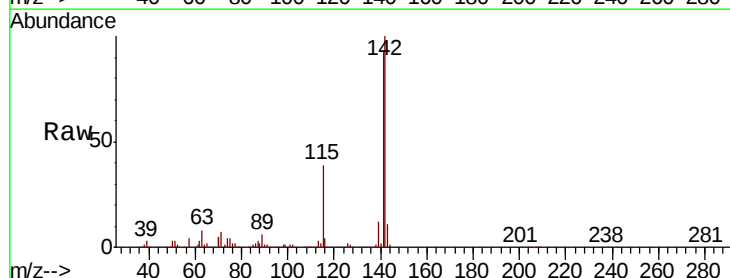
Tgt Ion:142 Resp: 1863527

Ion Ratio Lower Upper

142 100

141 93.0 73.9 110.9

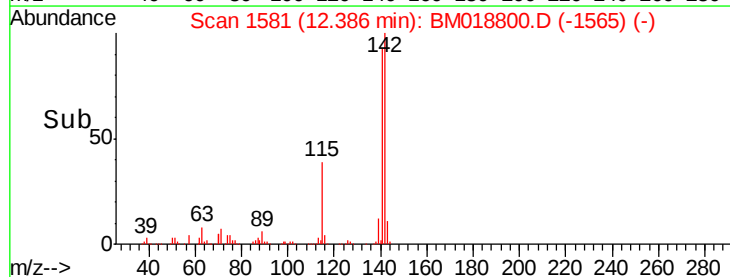
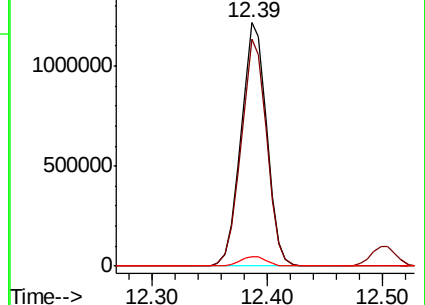
116 4.0 3.0 4.4

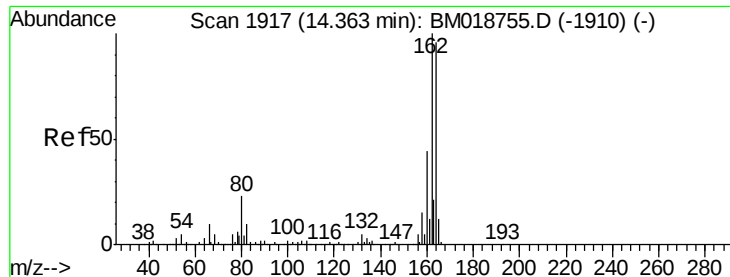


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

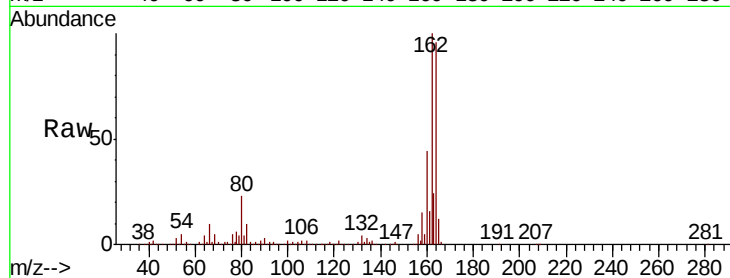
ClientSampleId :

PB117038BS

Tot Ion:	164	Resp:	711544
Ion Ratio	Lower	Upper	
164	100		
162	104.4	83.4	125.0
160	46.2	36.6	55.0

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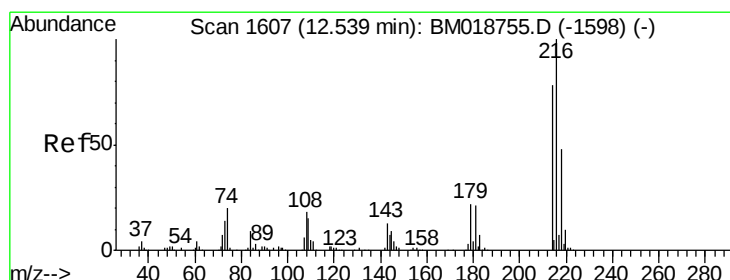
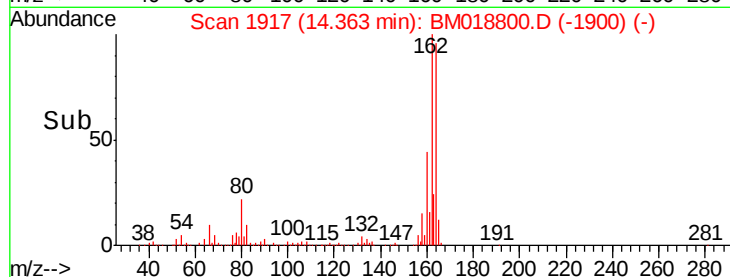
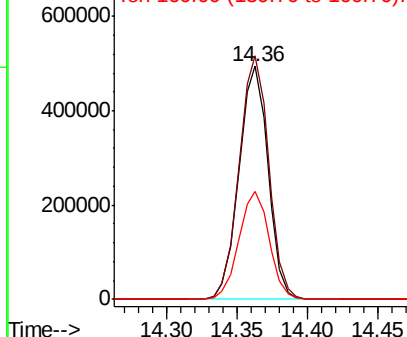


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.906 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion:	216	Resp:	931080
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.2	94.8
179	22.3	17.8	26.8
108	23.4	16.4	24.6

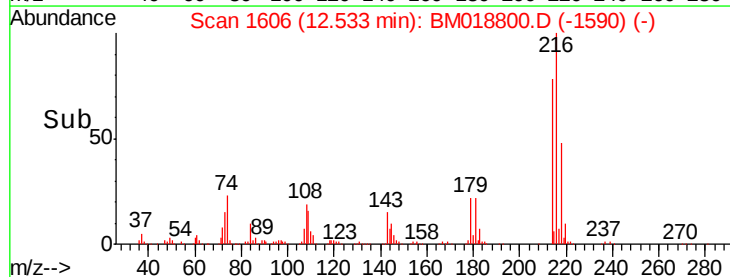
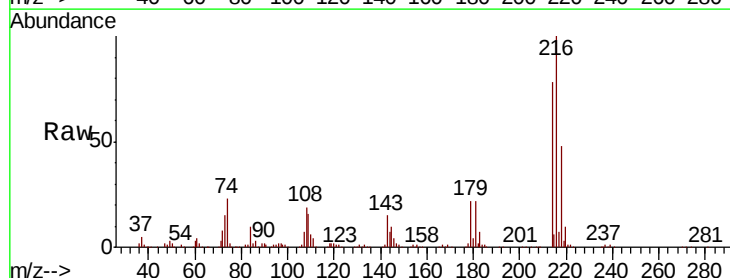
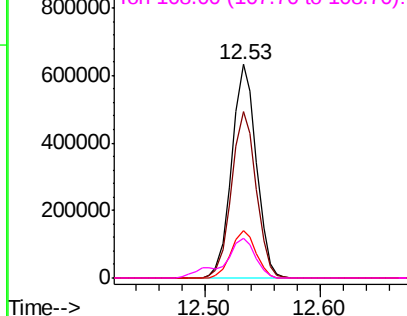
Abundance

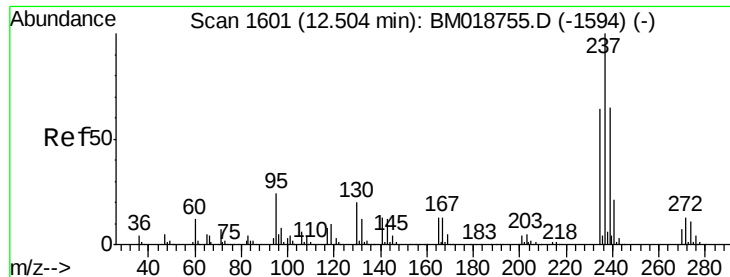
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.003 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampled :

PB117038BS

Tot Ion:237 Resp: 1187050

Ion Ratio Lower Upper

237 100

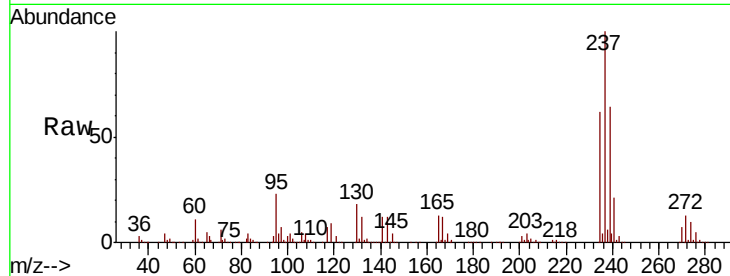
235 62.3 43.7 83.7

272 13.3 0.0 33.3

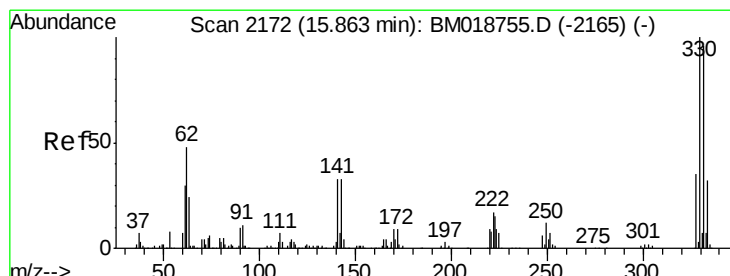
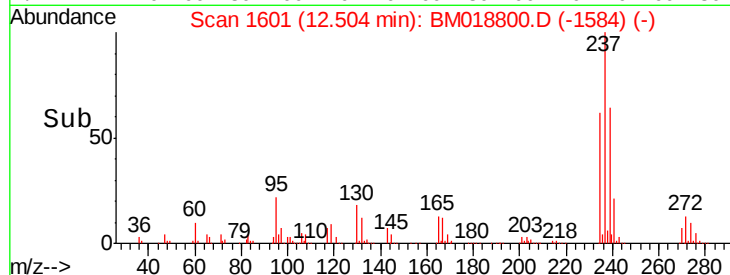
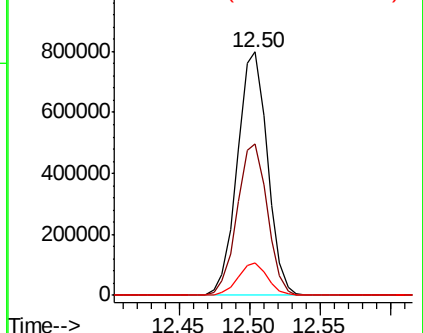
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.308 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

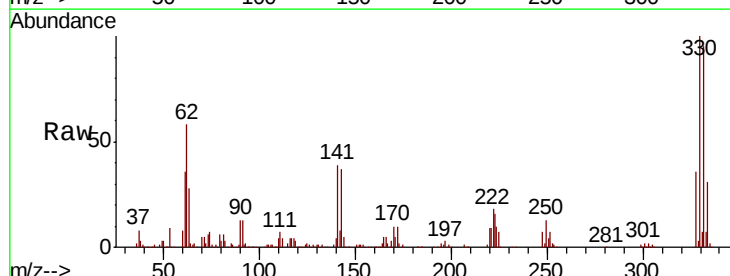
Tgt Ion:330 Resp: 854468

Ion Ratio Lower Upper

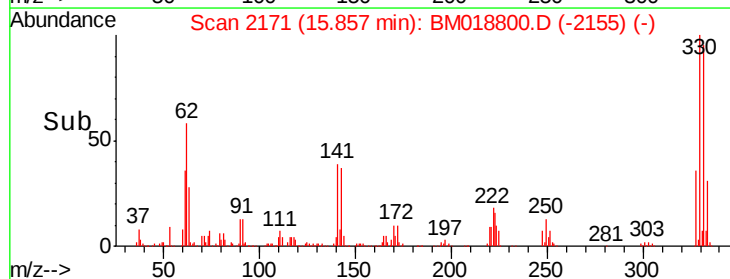
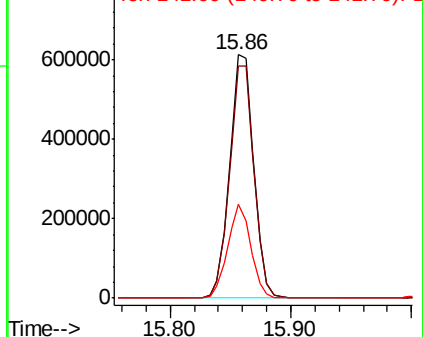
330 100

332 96.3 76.9 115.3

141 36.9 28.7 43.1



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





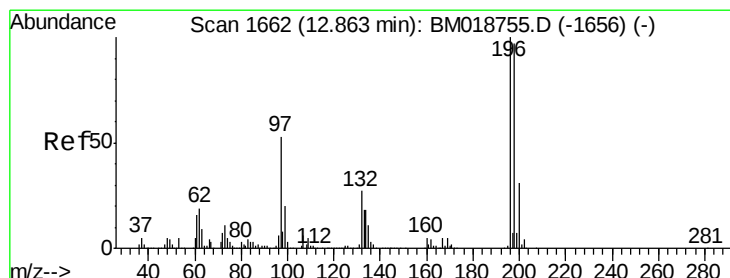
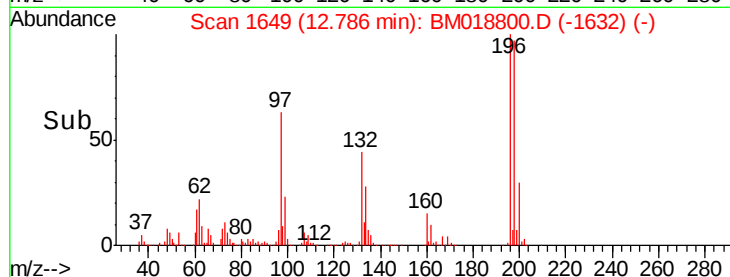
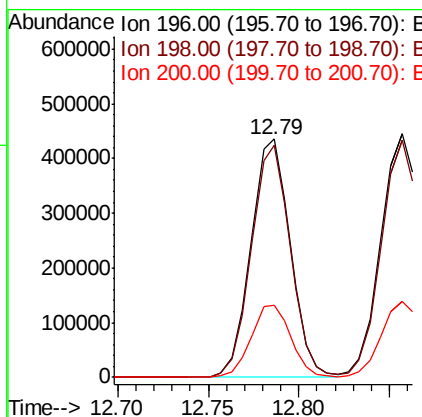
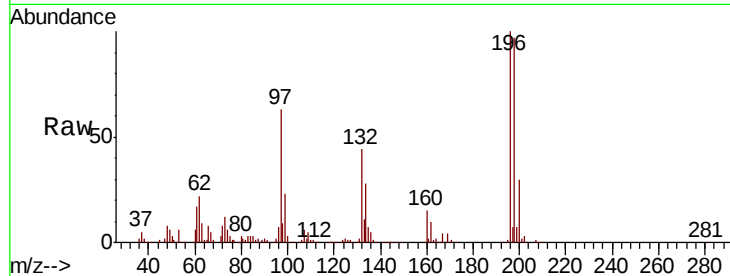
#43
 2,4,6-Trichlorophenol
 Concen: 43.759 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	659373		
198	97.2	76.2	114.2	
200	30.4	24.2	36.2	

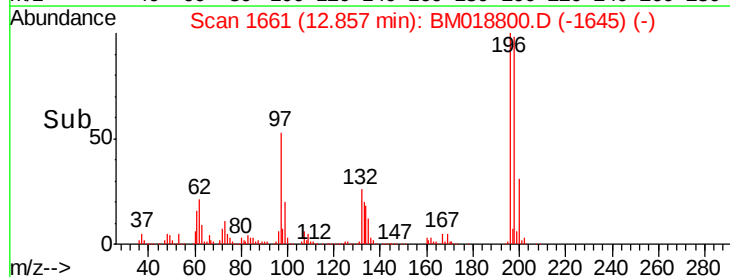
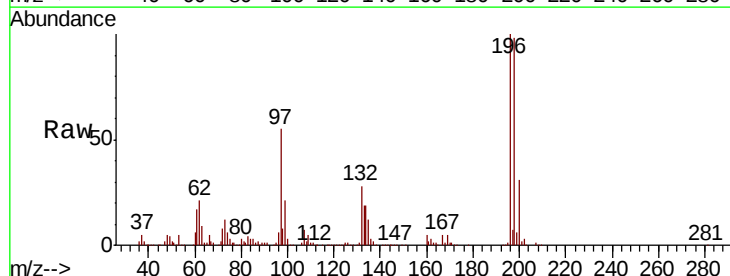
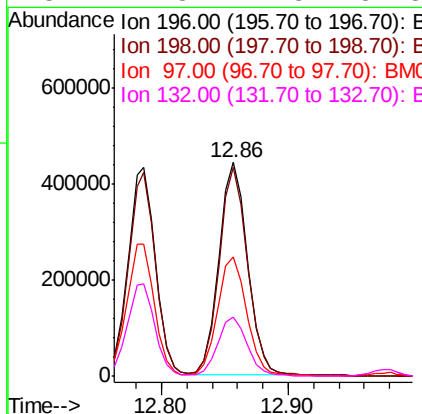
Manual Integrations
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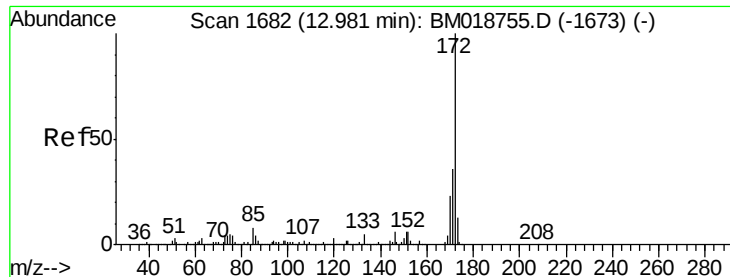
Sohil
 2/13/2019 1:37:42 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.332 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	700154		
198	97.7	77.6	116.4	
97	55.5	42.8	64.2	
132	27.8	21.8	32.8	





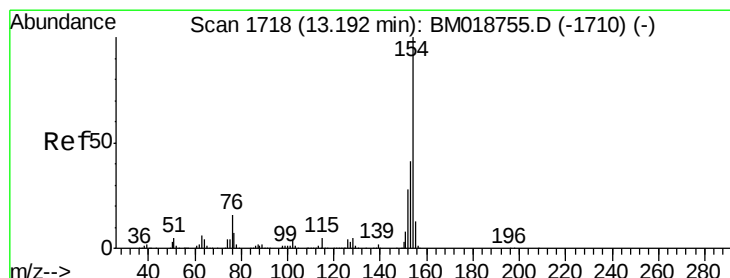
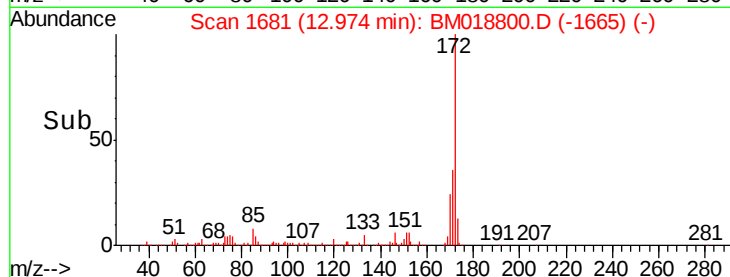
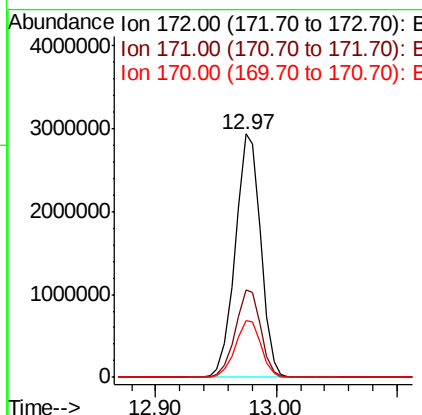
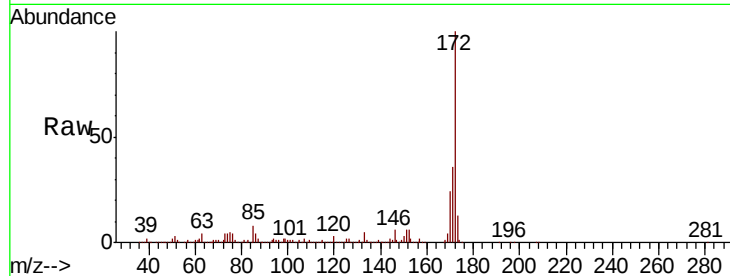
#45
2-Fluorobiphenyl
Concen: 80.179 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	23.6	18.6	28.0

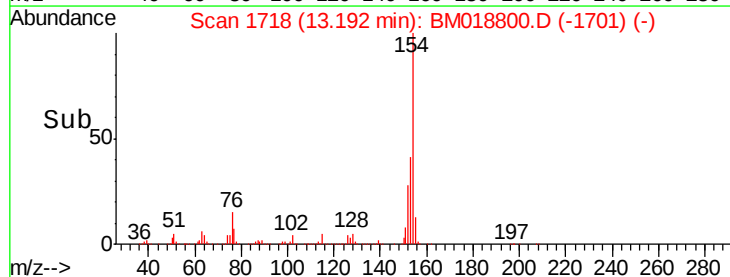
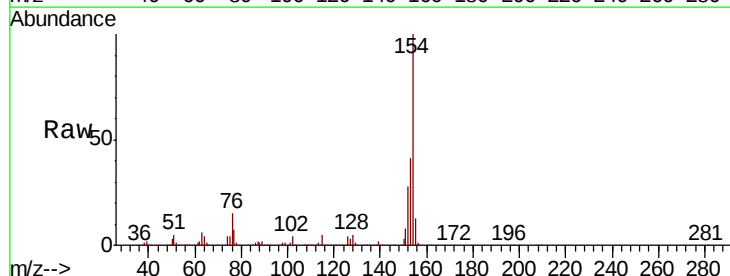
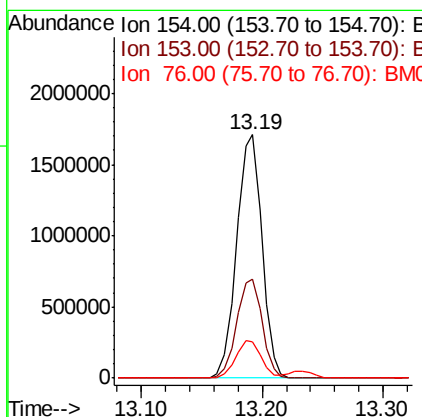
Manual Integrations
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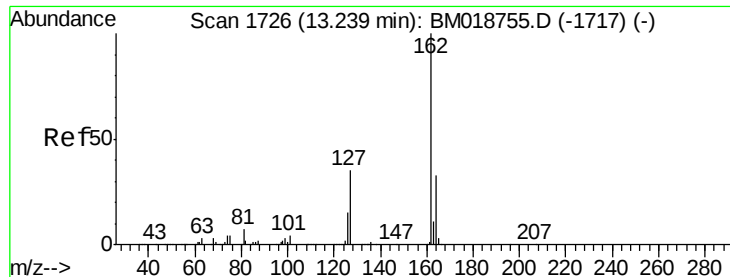
Sohil
2/13/2019 1:37:42 PM



#46
1,1'-Biphenyl
Concen: 40.827 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.1	61.1
76	15.2	0.0	35.7





#47

2-Chloronaphthalene

Concen: 41.069 ng

RT: 13.23 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion: 162 Resp: 1942881

Ion Ratio Lower Upper

162 100

127 40.0 31.1 46.7

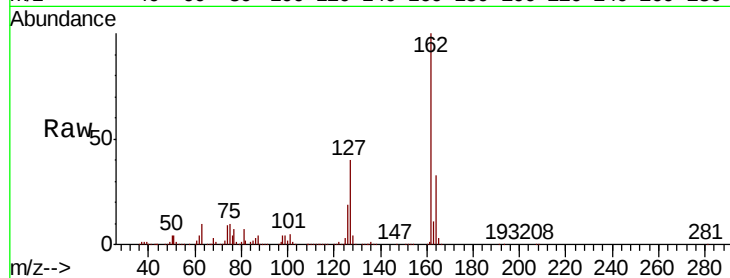
164 32.5 26.4 39.6

Manual Integrations

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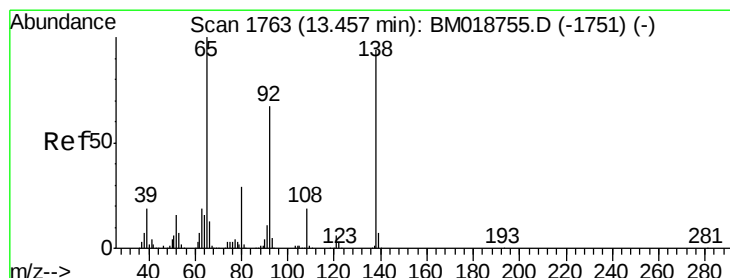
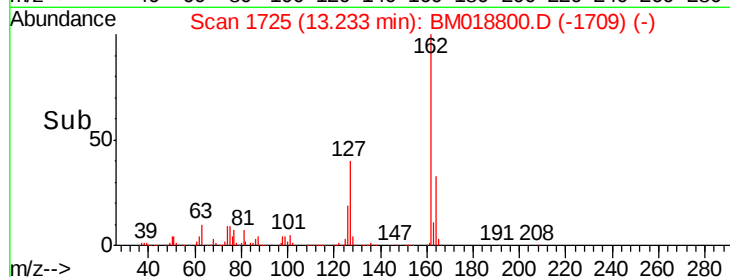
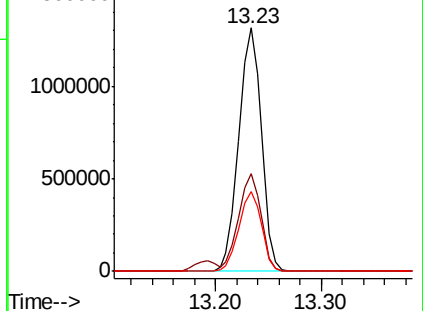
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.497 ng

RT: 13.46 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

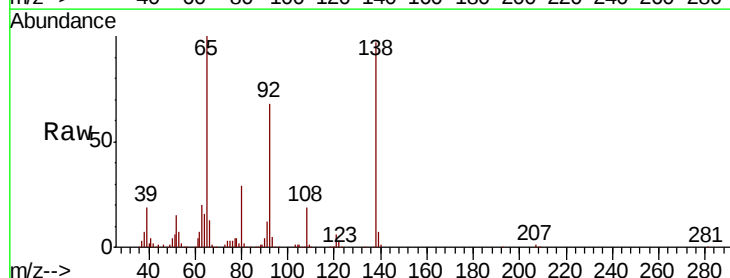
Tgt Ion: 65 Resp: 699117

Ion Ratio Lower Upper

65 100

92 68.1 54.0 81.0

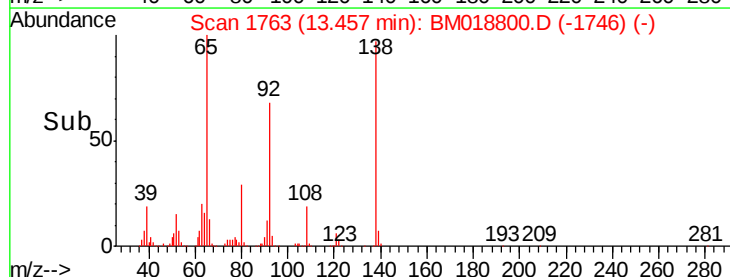
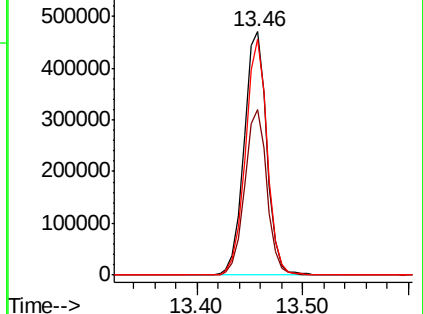
138 96.7 74.9 112.3

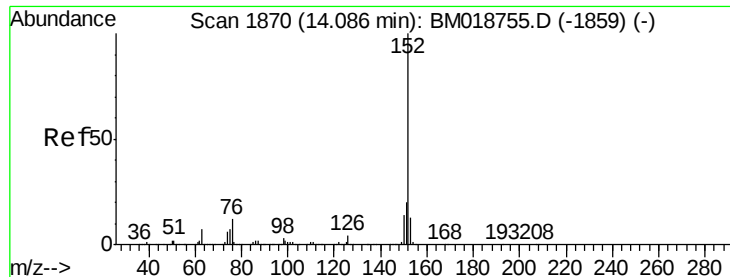


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.815 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

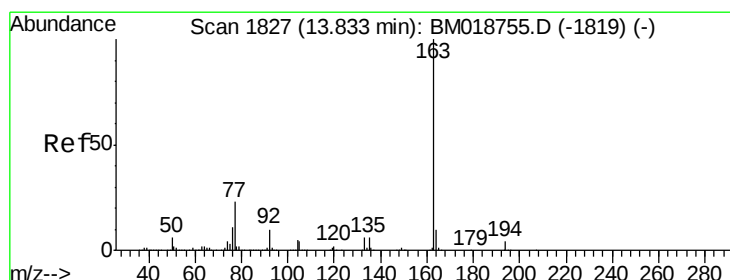
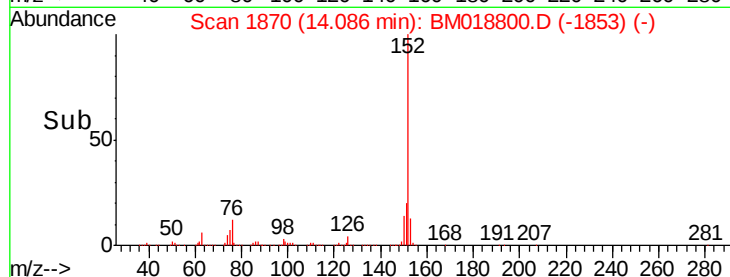
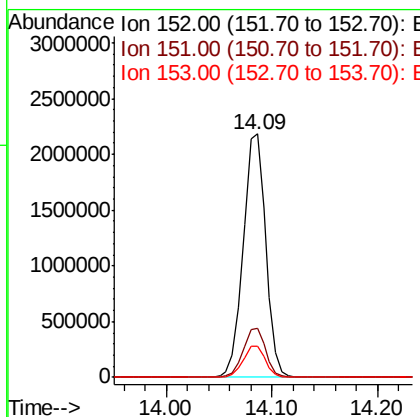
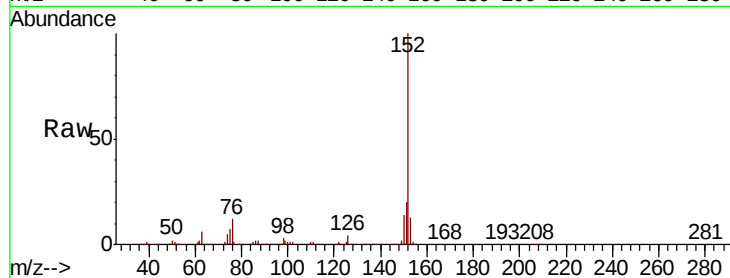
ClientSampleId :

PB117038BS

Tot Ion:	152	Resp:	3227284
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	12.9	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.794 ng

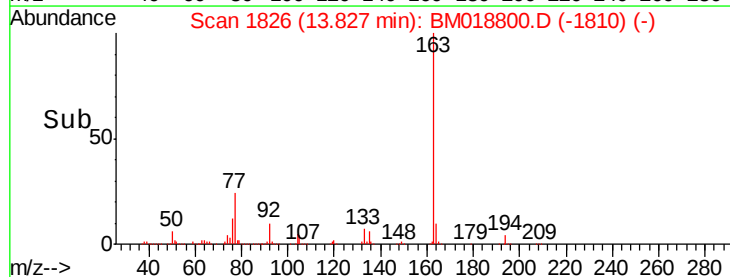
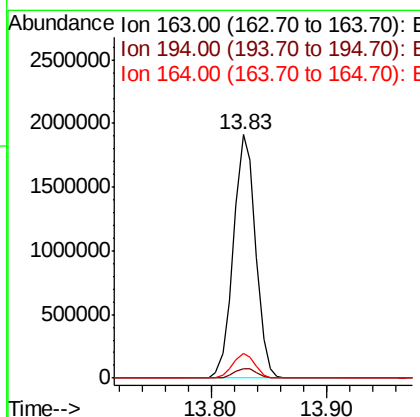
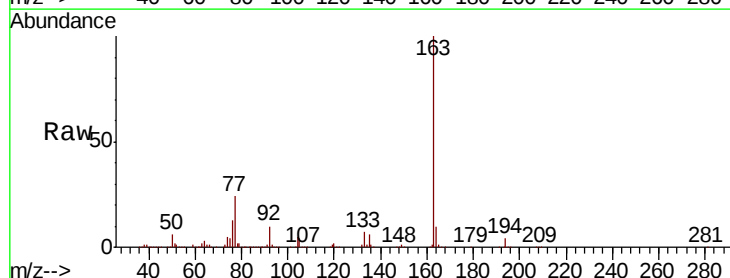
RT: 13.83 min Scan# 1826

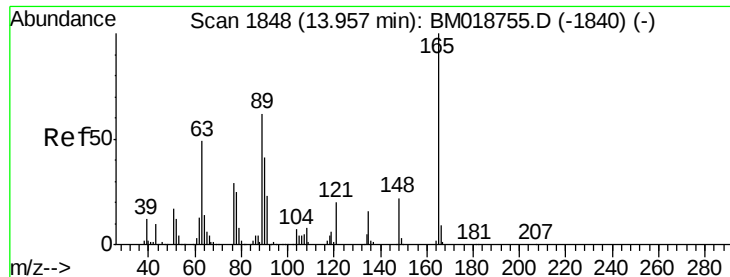
Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion:	163	Resp:	2537656
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	7.8	11.8





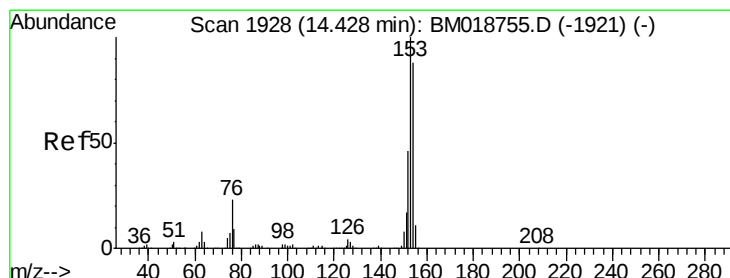
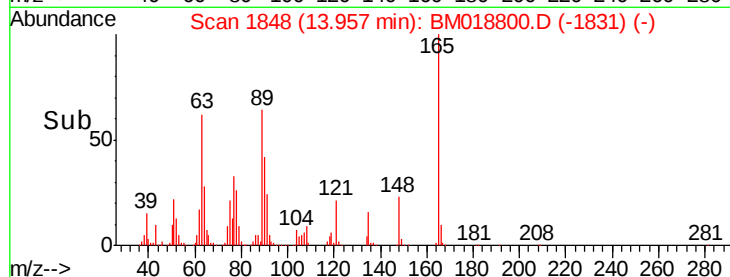
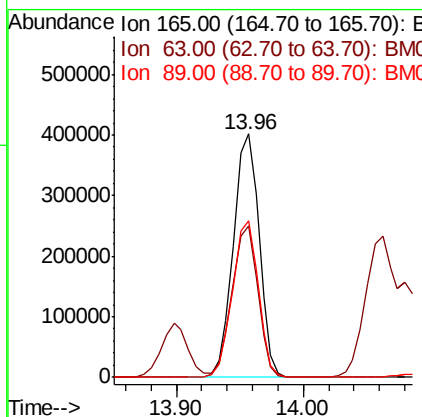
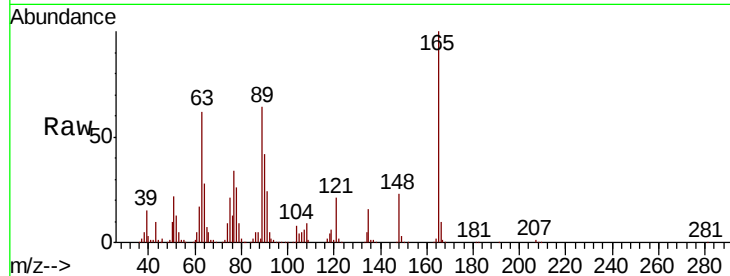
#51
2,6-Dinitrotoluene
Concen: 43.959 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampled :
PB117038BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	564679		
63	62.3		48.9	73.3
89	64.4		49.4	74.0

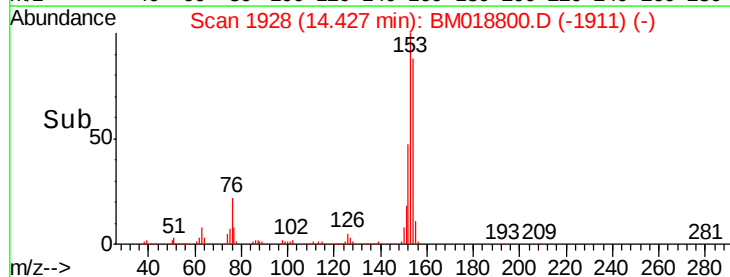
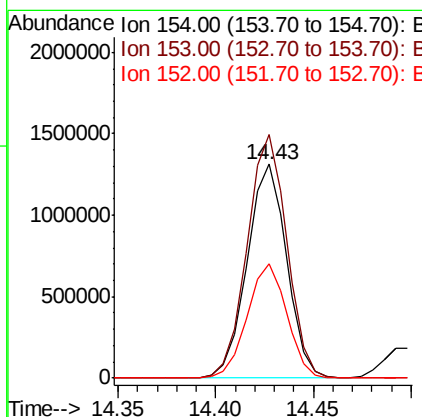
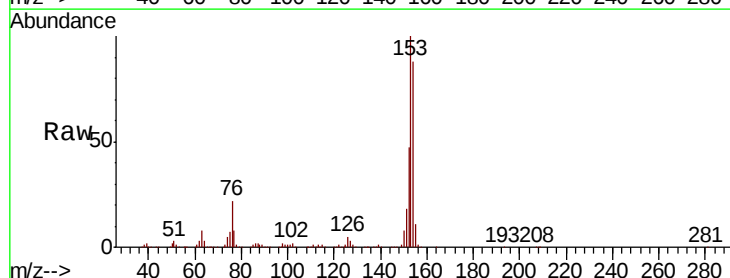
Manual Integrations
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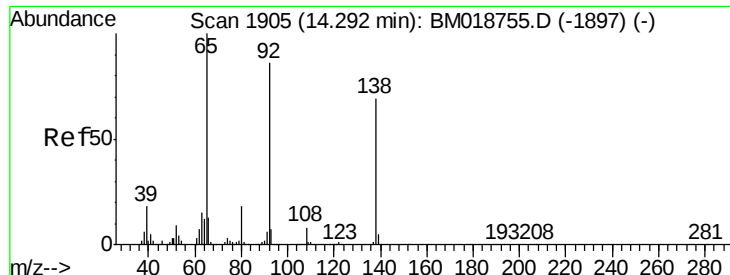
Sohil
2/13/2019 1:37:42 PM



#52
Acenaphthene
Concen: 42.608 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1840381		
153	113.8		91.3	136.9
152	53.2		42.2	63.4





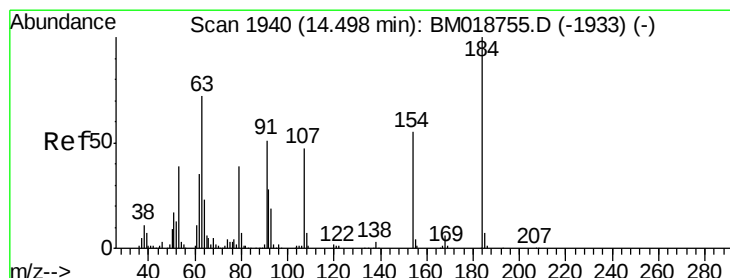
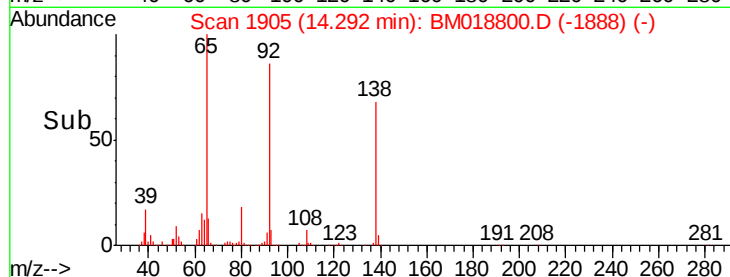
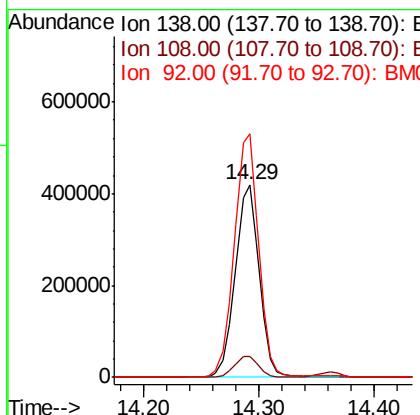
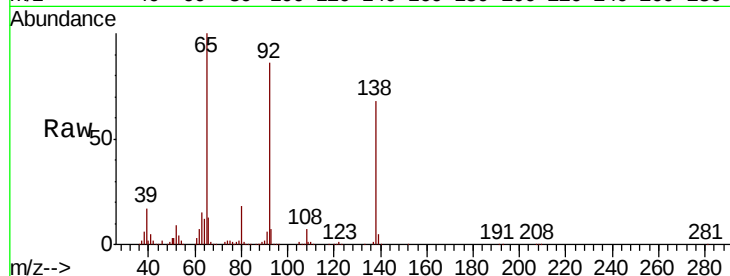
#53
3-Nitroaniline
Concen: 41.632 ng
RT: 14.29 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	126.4	99.7	149.5

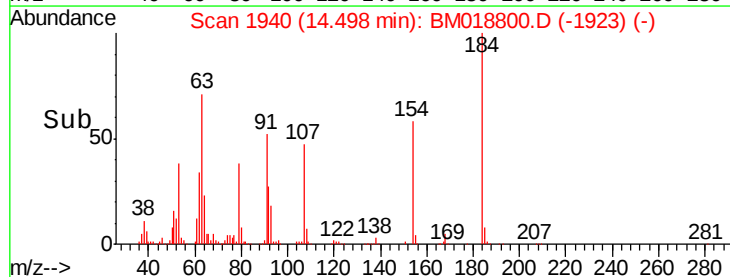
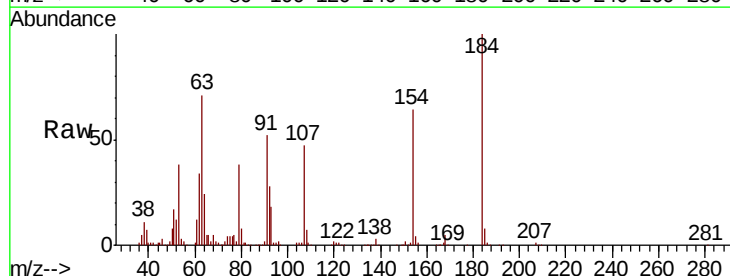
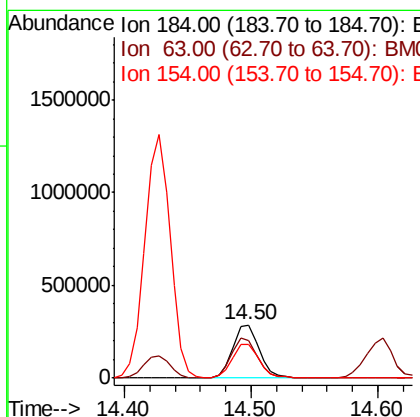
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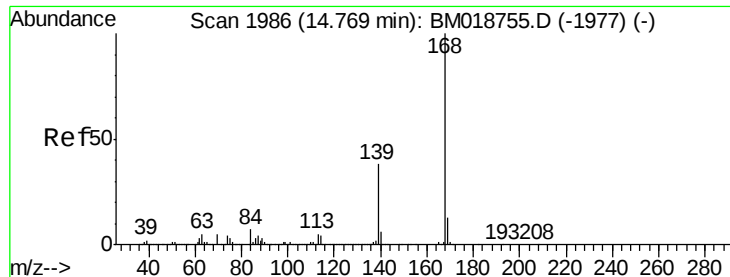
Sohil
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#54
2,4-Dinitrophenol
Concen: 53.778 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.4	58.0	87.0
154	63.6	50.3	75.5





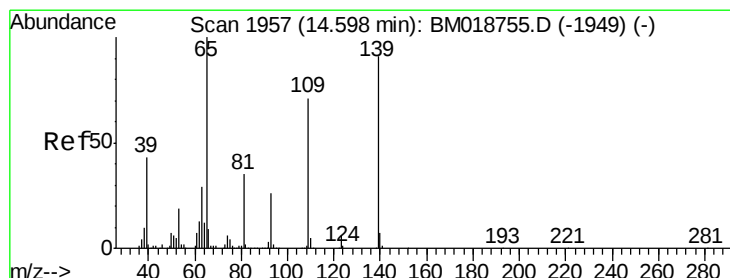
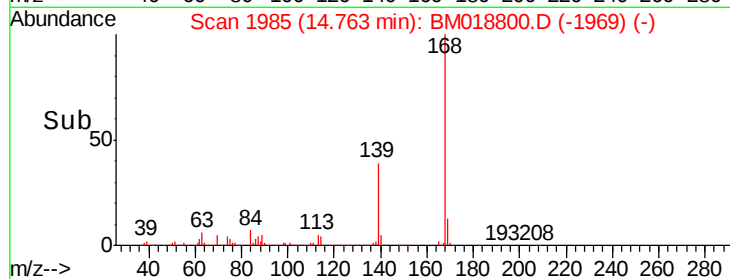
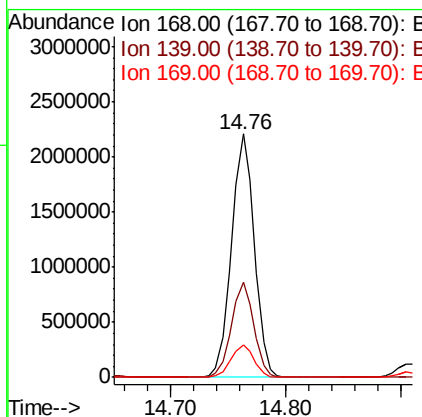
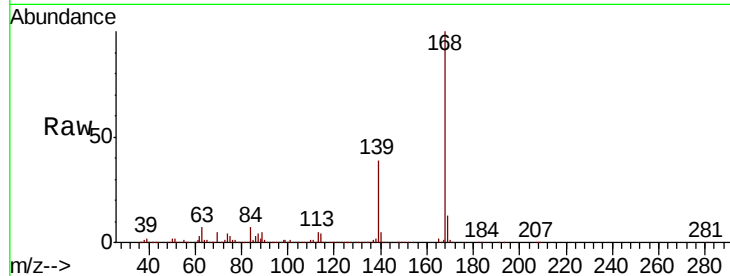
#55
Dibenzofuran
Concen: 42.442 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampled :
PB117038BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.7	46.1
169	13.2	10.3	15.5

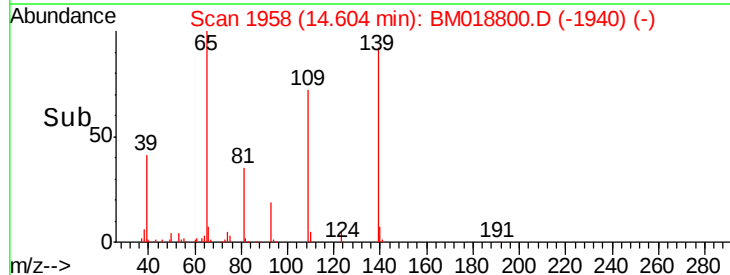
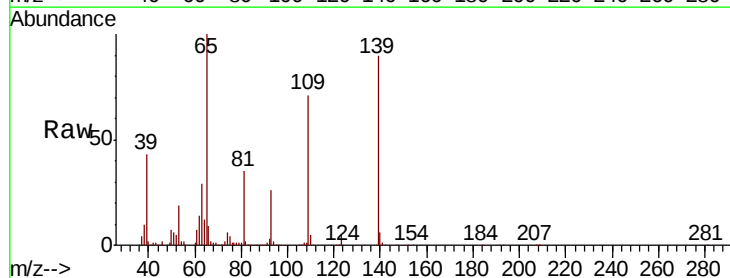
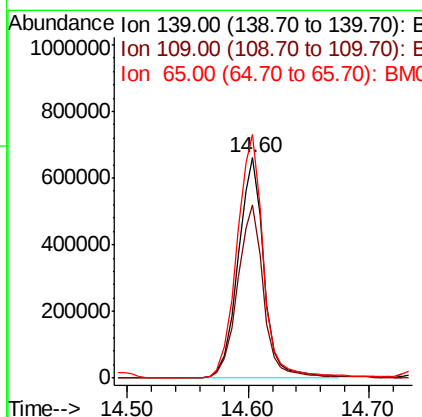
Manual Integrations
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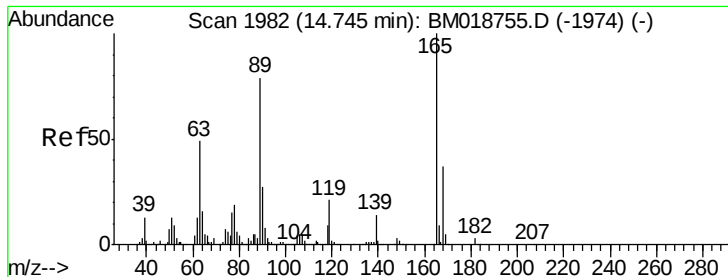
Sohil
2/13/2019 1:37:42 PM



#56
4-Nitrophenol
Concen: 85.317 ng
RT: 14.60 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.5	58.4	98.4
65	110.5	89.8	129.8





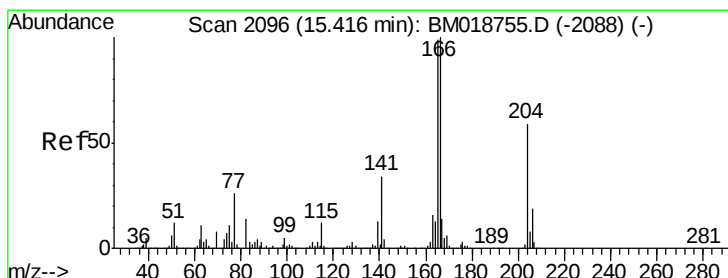
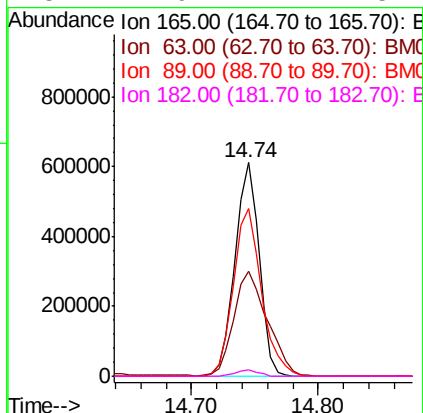
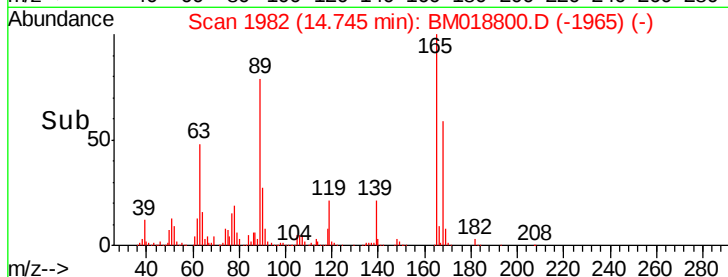
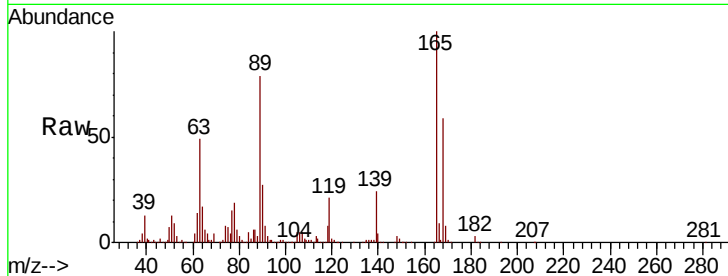
#57
2,4-Dinitrotoluene
Concen: 45.418 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion:	165	Resp:	803843
Ion Ratio	Lower	Upper	
165	100		
63	48.9	39.6	59.4
89	78.6	63.5	95.3
182	2.9	2.2	3.4

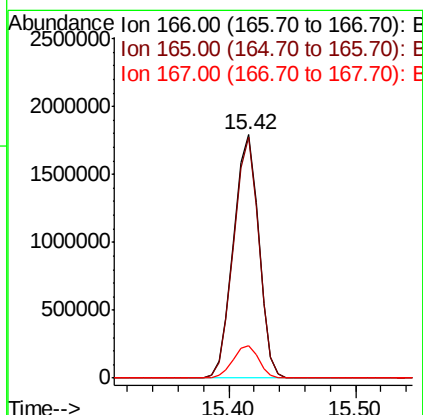
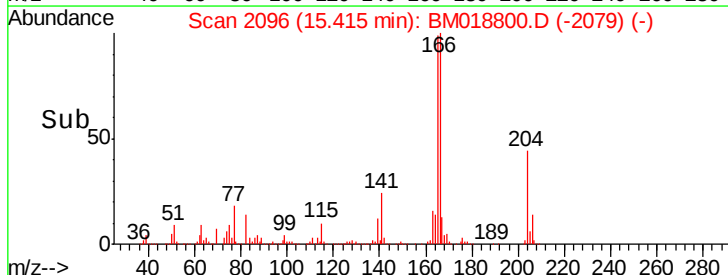
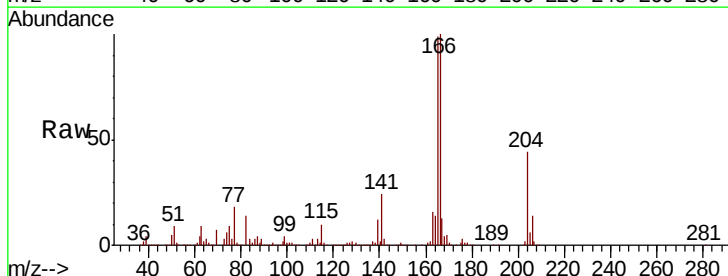
Manual Integrations
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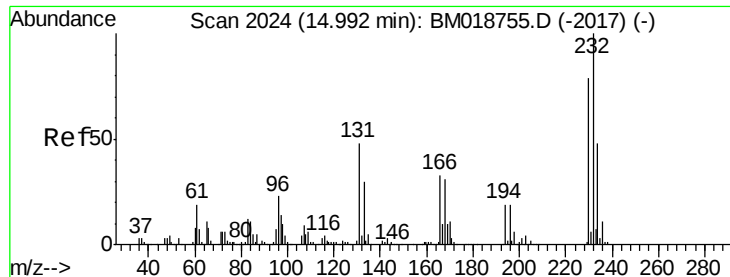
Sohil
2/13/2019 1:37:42 PM



#58
Fluorene
Concen: 45.592 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:	166	Resp:	2476202
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.1	118.7
167	13.3	11.0	16.4





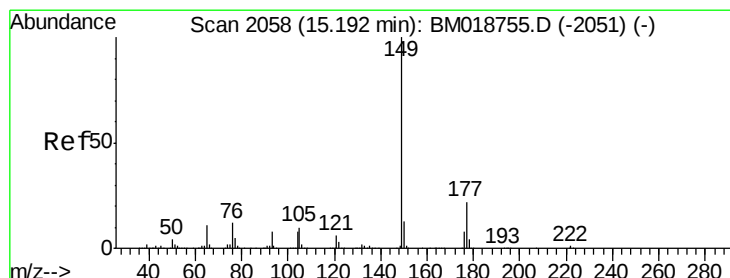
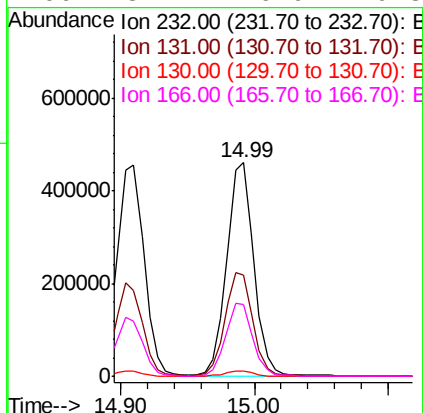
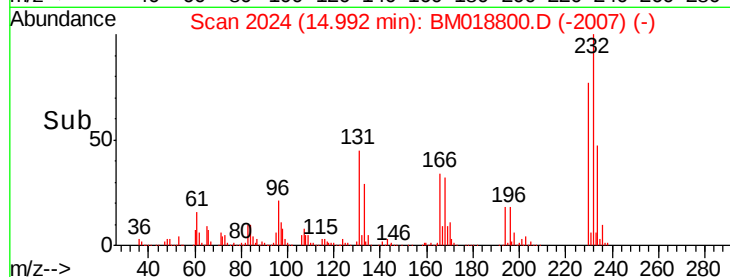
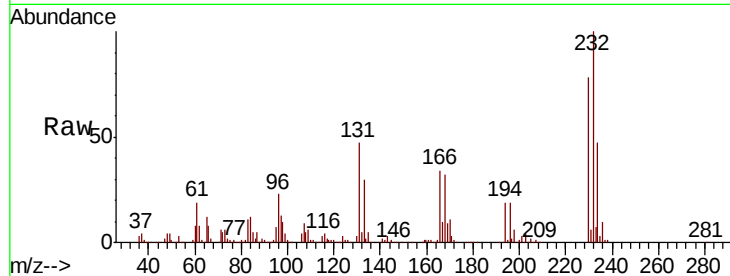
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.767 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion:	232	Resp:	652871
Ion Ratio	Lower	Upper	
232	100		
131	49.6	38.6	57.8
130	2.7	2.0	3.0
166	34.1	26.9	40.3

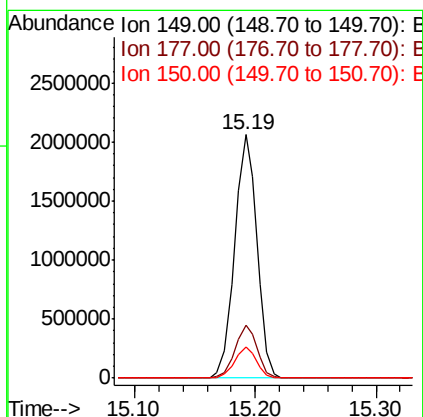
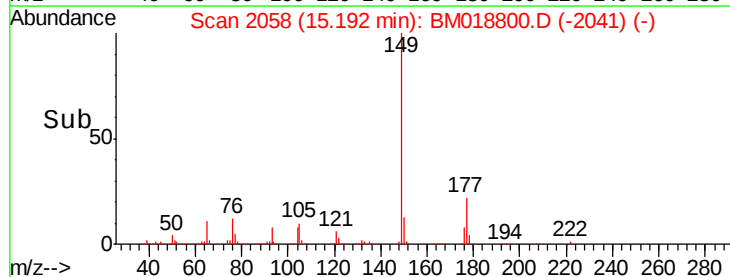
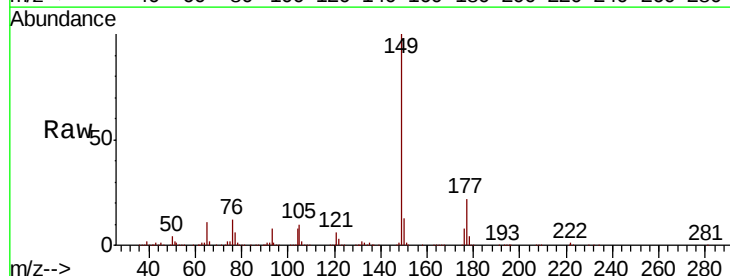
Manual Integrations
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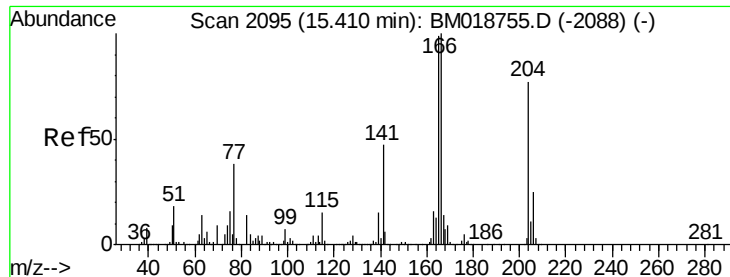
Sohil
 2/13/2019 1:37:42 PM



#60
 Diethylphthalate
 Concen: 43.316 ng
 RT: 15.19 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion:	149	Resp:	2649653
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.2	25.8
150	12.6	10.2	15.2





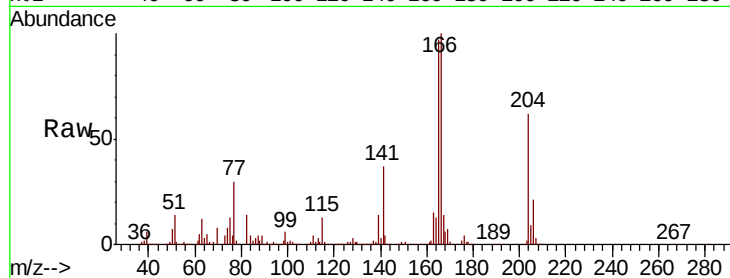
#61
4-Chlorophenyl-phenylether
Concen: 40.518 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	59.9	49.2	73.8

Manual Integrations
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2/13/2019 1:37:42 PM

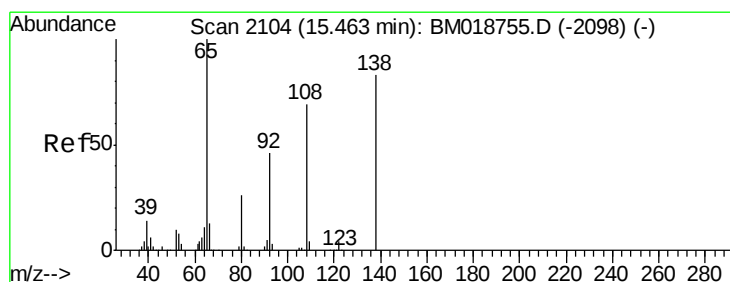
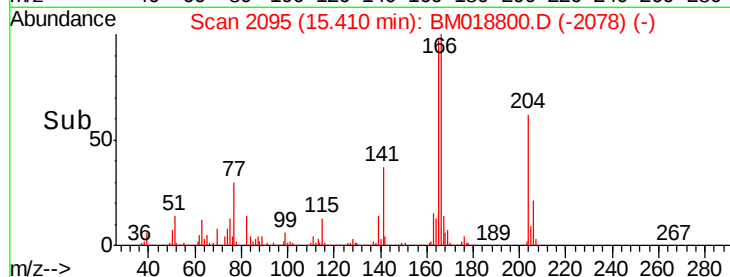
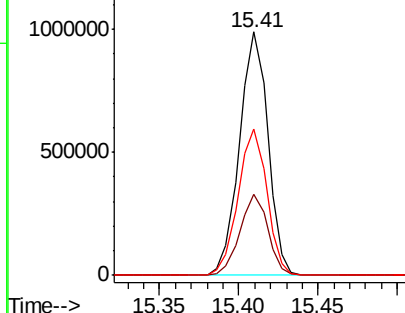


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.124 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

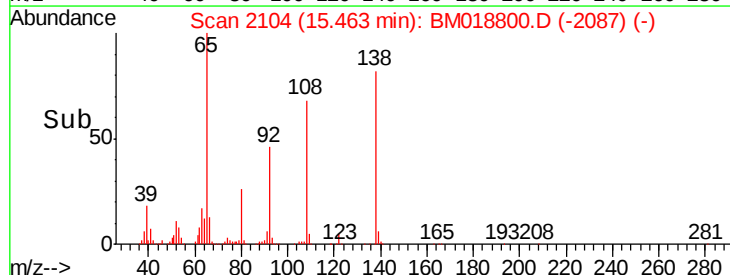
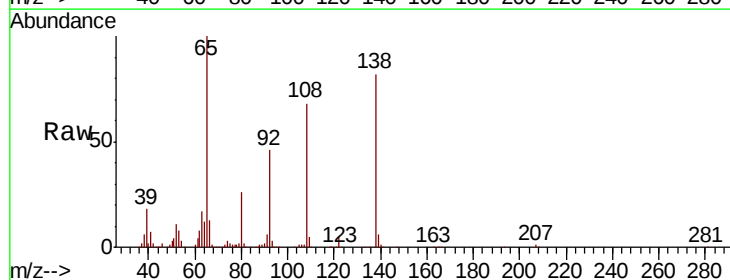
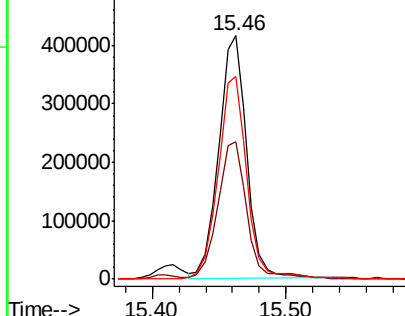
Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	35.5	75.5
108	83.1	62.4	102.4

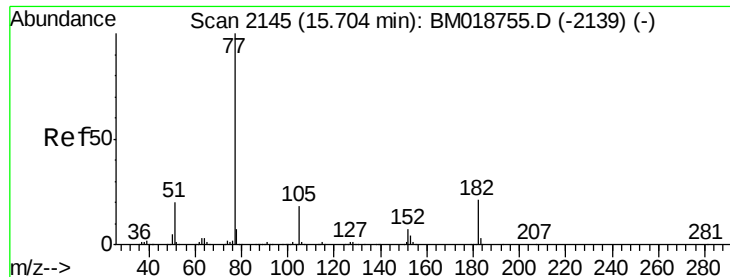
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





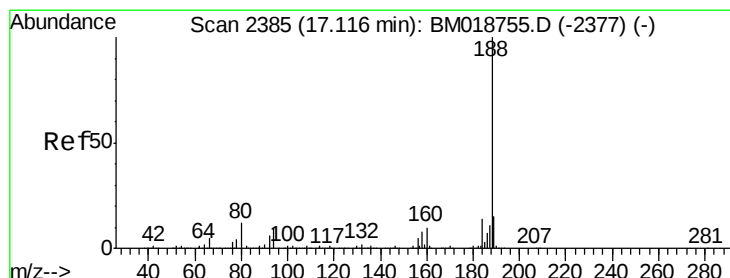
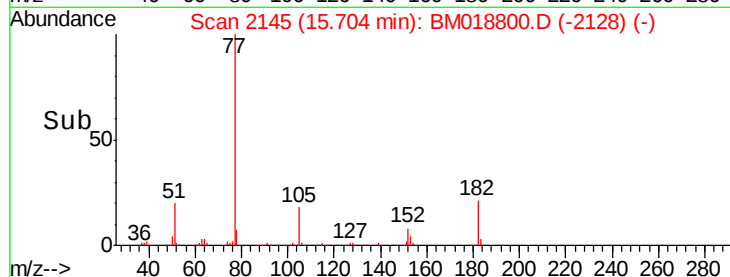
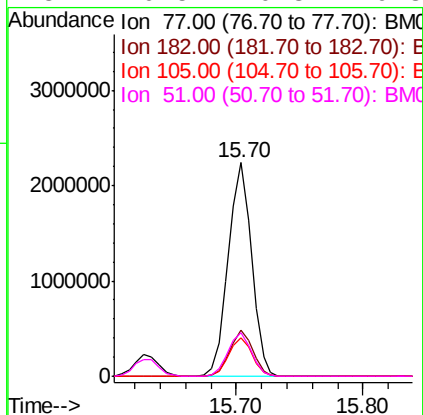
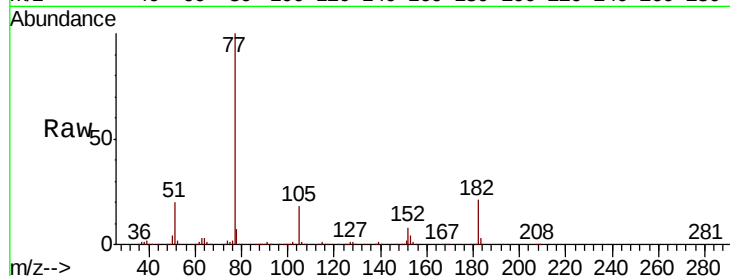
#63
Azobenzene
Concen: 43.288 ng
RT: 15.70 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion:	77	Resp:	2839126
Ion	Ratio	Lower	Upper
77	100		
182	21.4	1.0	41.0
105	17.8	0.0	37.7
51	20.5	0.3	40.3

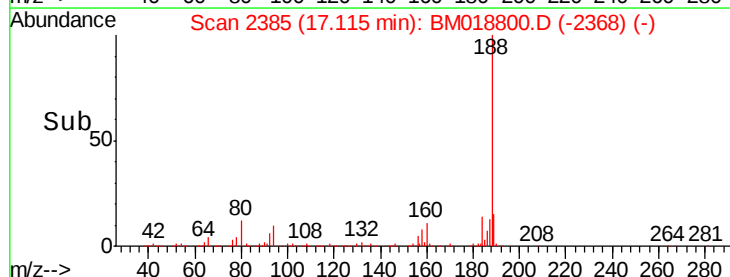
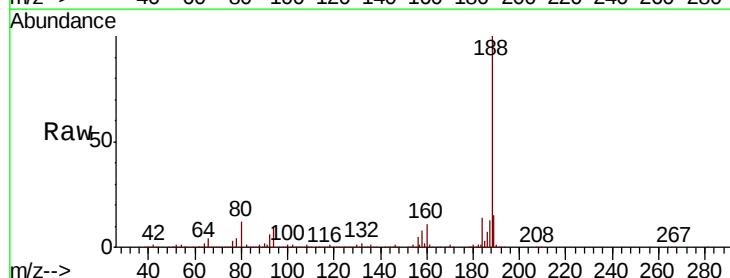
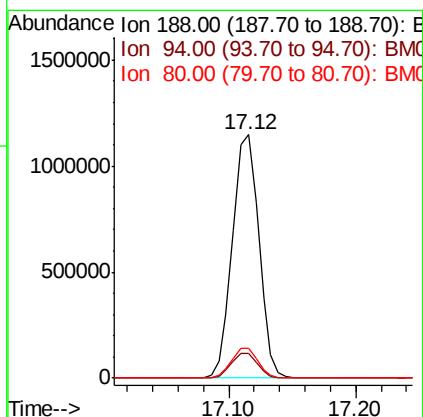
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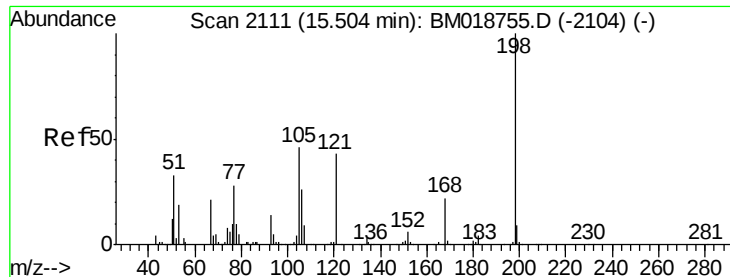
Sohil
2/13/2019 1:37:42 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:	188	Resp:	1652391
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	12.1	9.7	14.5





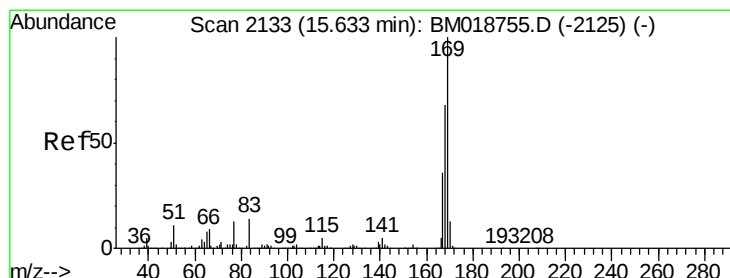
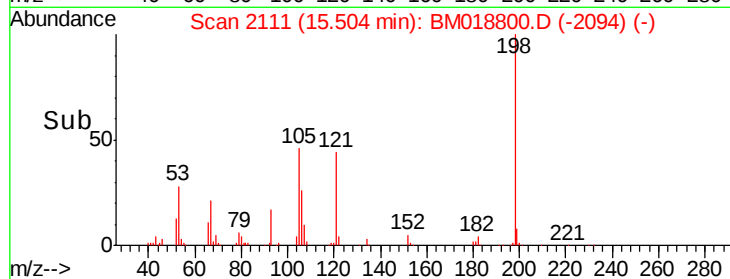
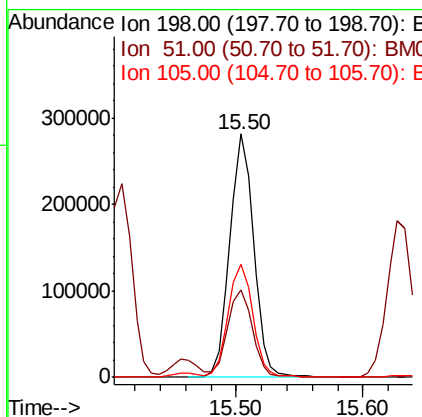
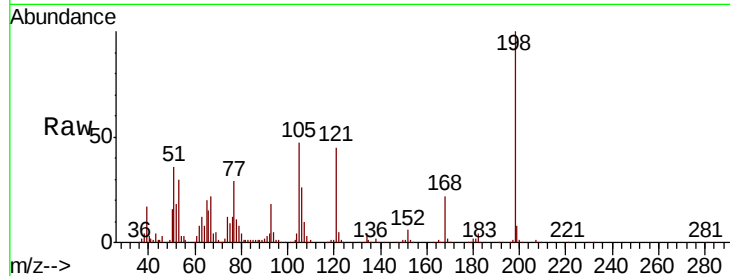
#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.747 ng
 RT: 15.50 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	368311		
51	36.2	18.4	58.4	
105	46.7	27.2	67.2	

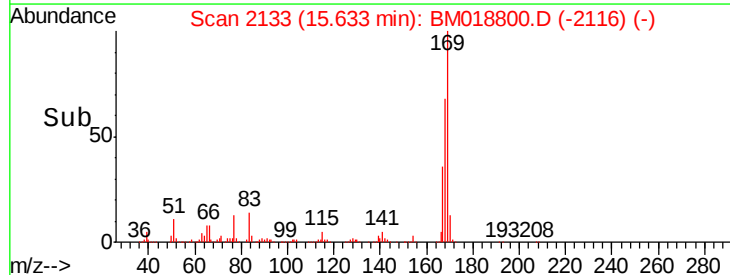
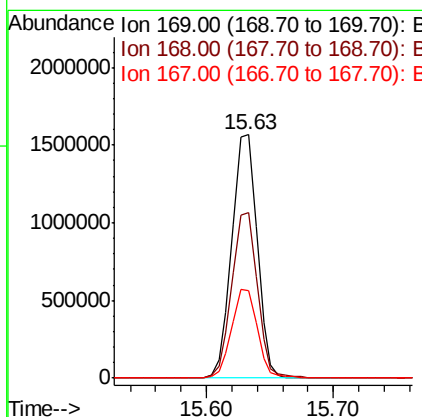
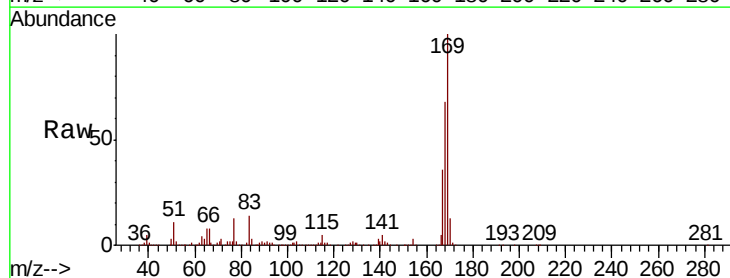
Manual Integrations
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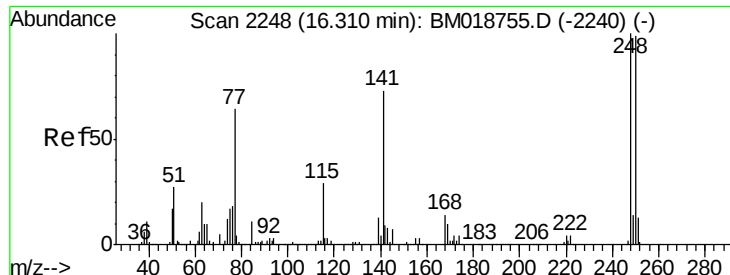
Sohil
 2/13/2019 1:37:42 PM



#66
 n-Nitrosodiphenylamine
 Concen: 41.427 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2162709		
168	67.8	54.4	81.6	
167	36.0	29.0	43.6	





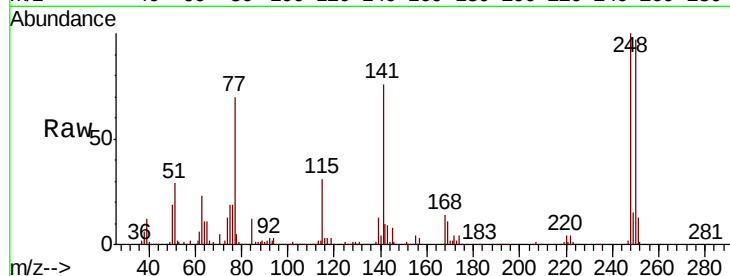
#67
4-Bromophenyl-phenylether
Concen: 39.868 ng
RT: 16.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.0	118.6
141	76.2	58.6	88.0

Manual Integrations
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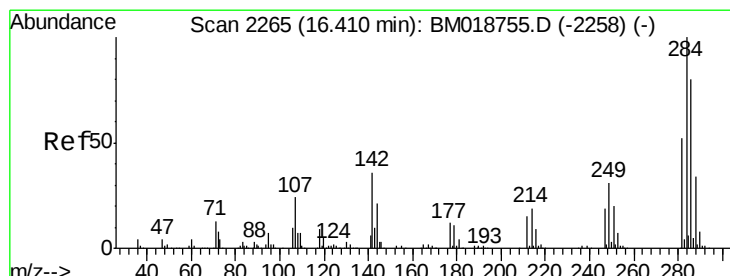
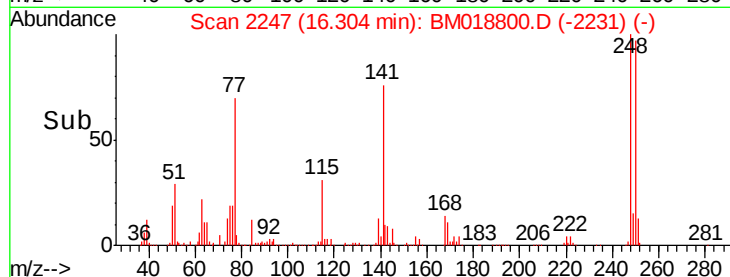
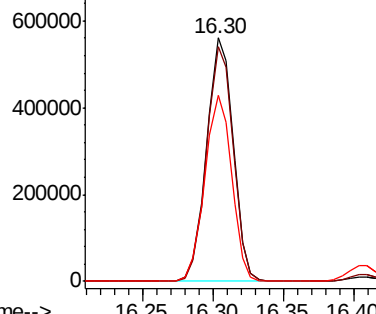


Abundance

Ion 248.00 (247.70 to 248.70): E

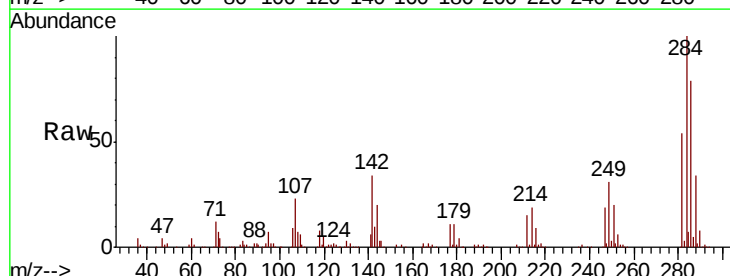
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.942 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	28.9	43.3
249	30.8	24.8	37.2

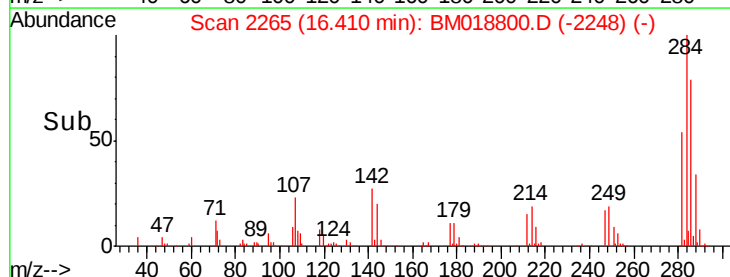
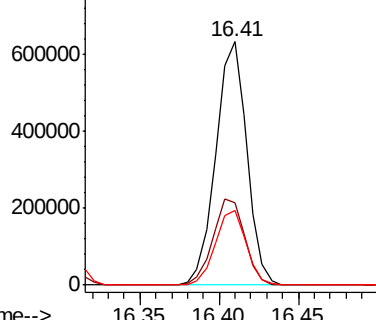


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





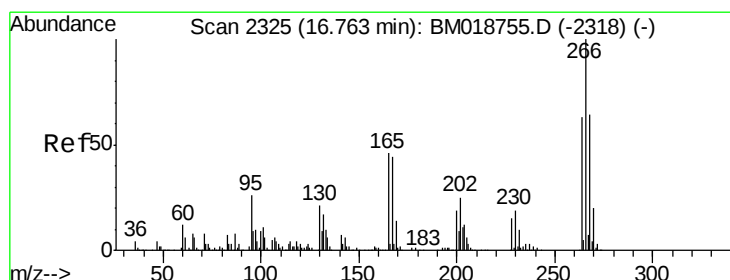
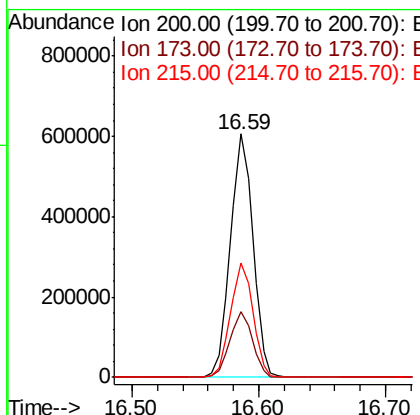
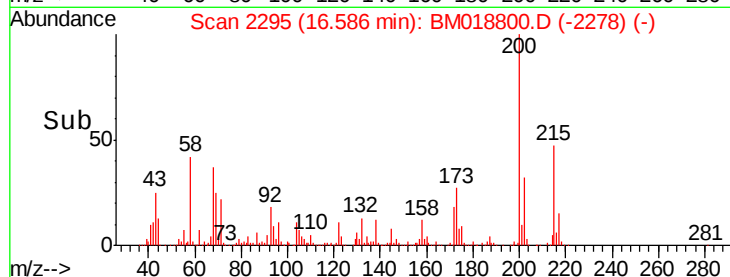
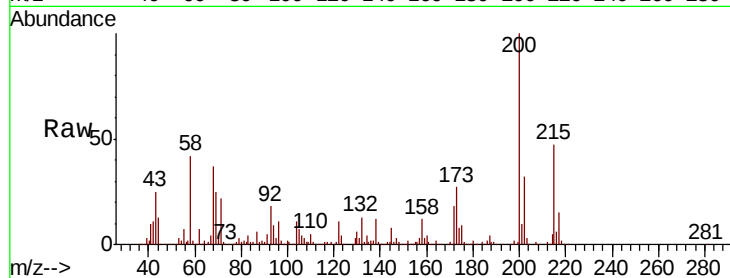
#69
Atrazine
Concen: 44.308 ng
RT: 16.59 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.2	7.6	47.6	
215	46.9	27.6	67.6	

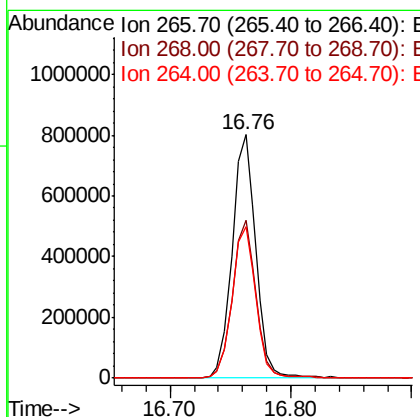
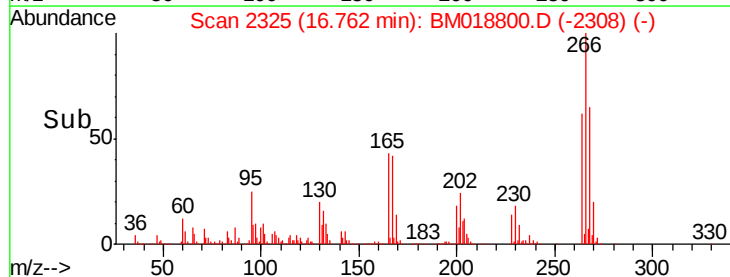
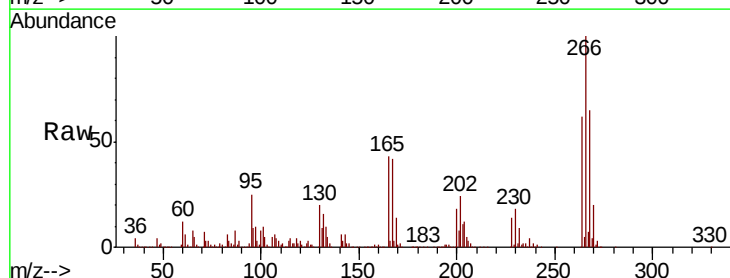
Manual Integrations
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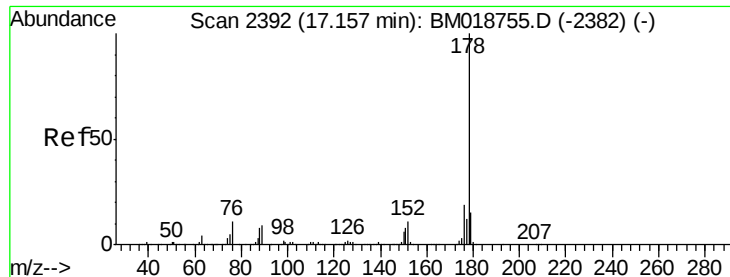
Sohil
2/13/2019 1:37:42 PM



#70
Pentachlorophenol
Concen: 79.245 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.6	51.3	76.9	
264	62.0	50.6	75.8	





#71

Phenanthrene

Concen: 44.469 ng

RT: 17.16 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion:178 Resp: 3948969

Ion Ratio Lower Upper

178 100

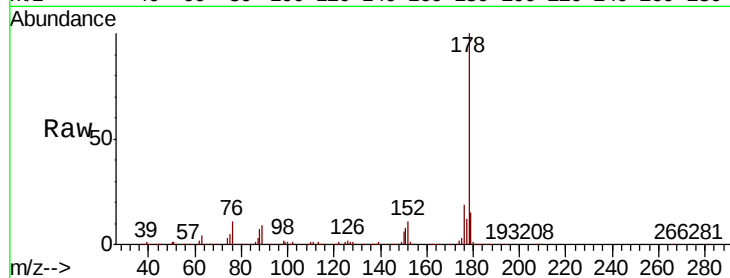
176 19.4 15.4 23.0

179 15.2 12.3 18.5

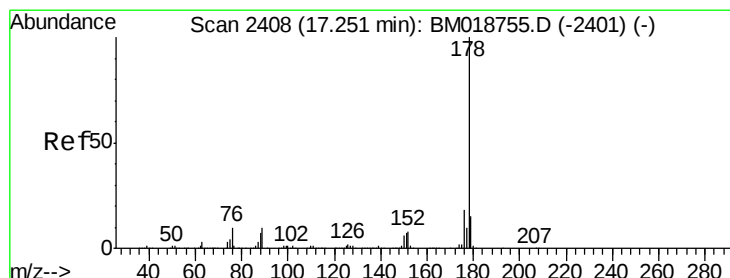
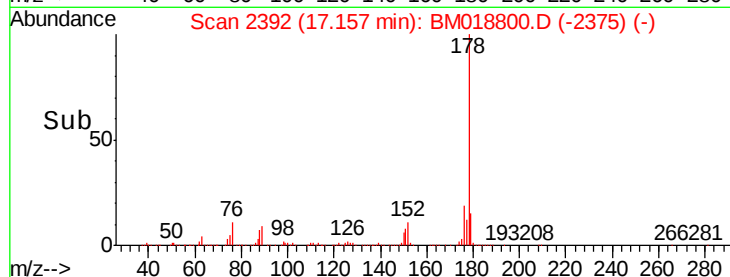
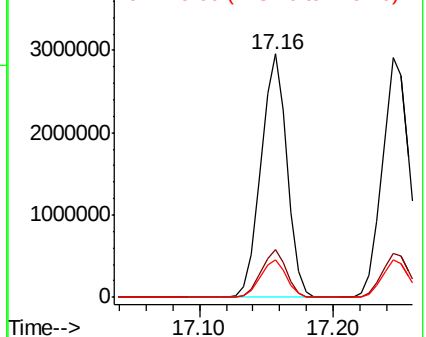
Manual Integrations
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Sohil

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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: 46.601 ng

RT: 17.24 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

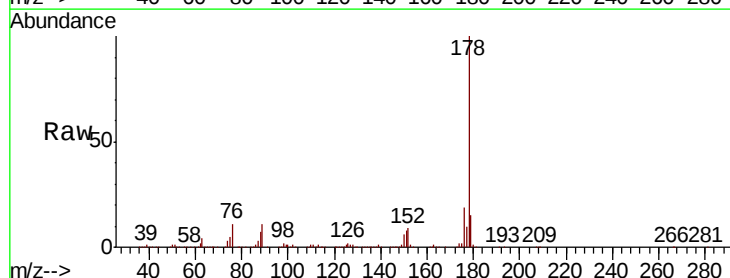
Tgt Ion:178 Resp: 4027908

Ion Ratio Lower Upper

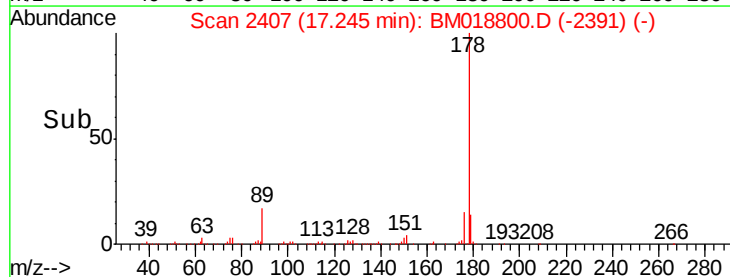
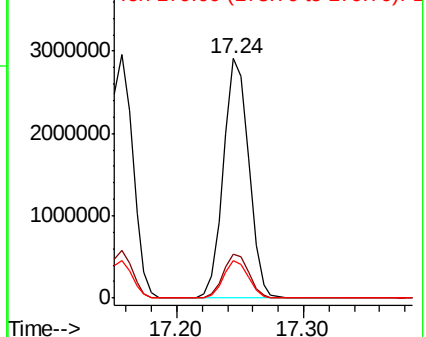
178 100

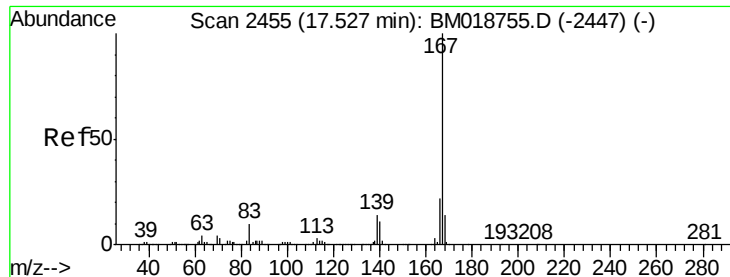
176 18.5 14.8 22.2

179 15.5 12.1 18.1



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





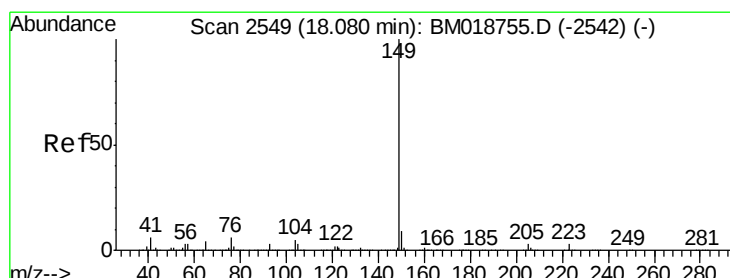
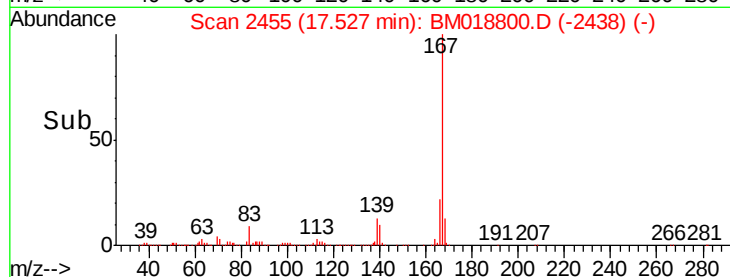
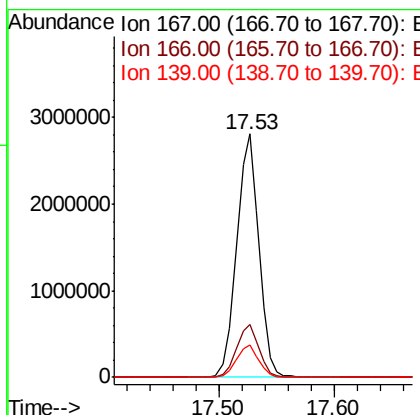
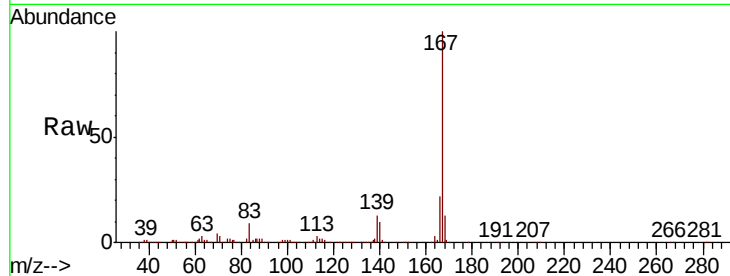
#73
 Carbazole
 Concen: 41.167 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.1	10.9	16.3

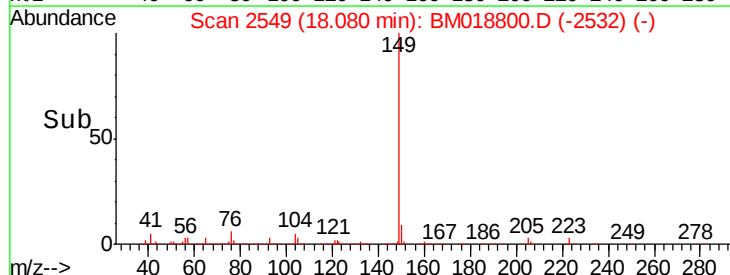
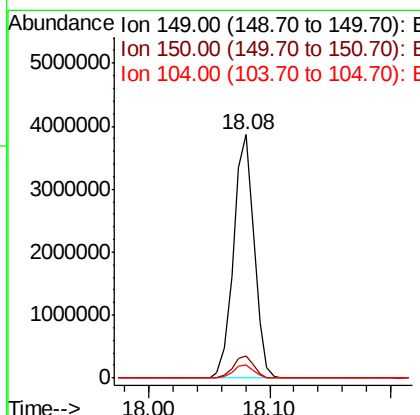
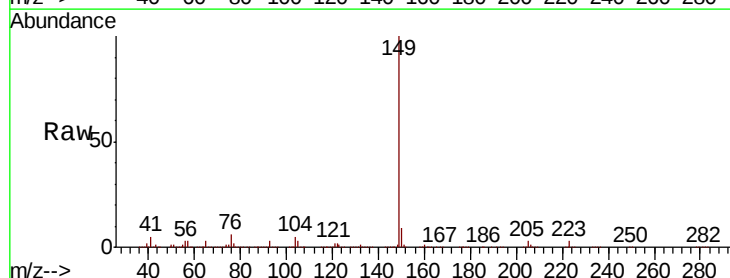
Manual Integrations
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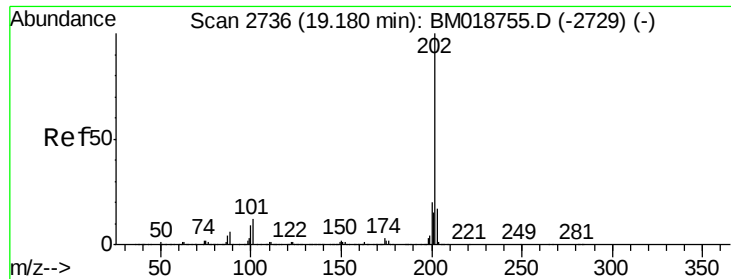
Sohil
 2/13/2019 1:37:42 PM



#74
 Di-n-butylphthalate
 Concen: 44.219 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 45.573 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

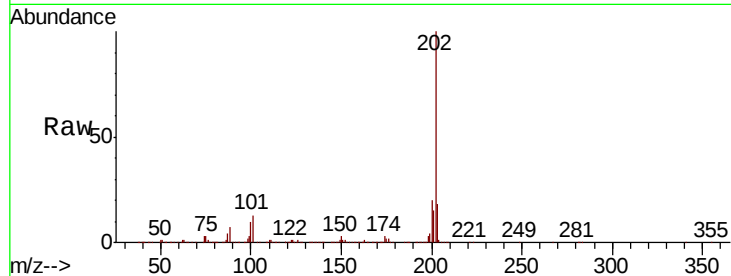
ClientSampleId :

PB117038BS

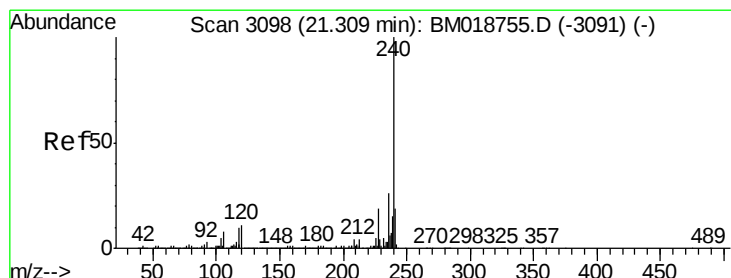
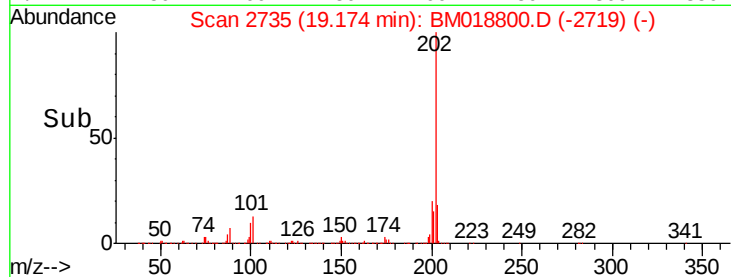
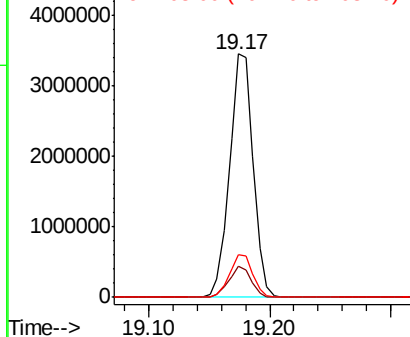
Tot Ion:	202	Resp:	4674728
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.5
203	17.7	0.0	37.3

Manual Integrations
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2/13/2019 1:37:42 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

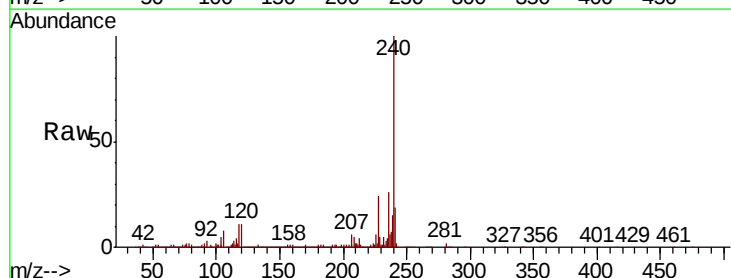
RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

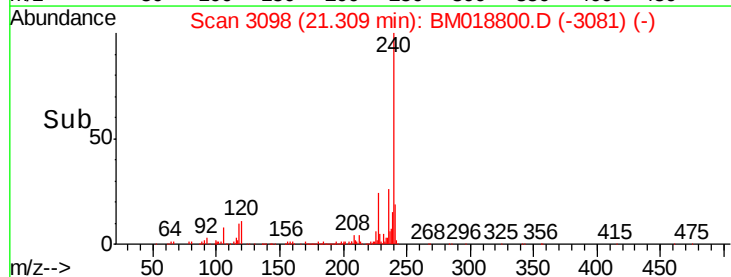
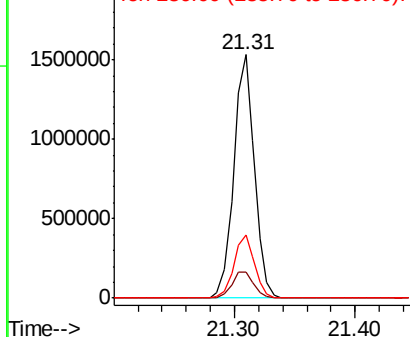
Lab File: BM018800.D

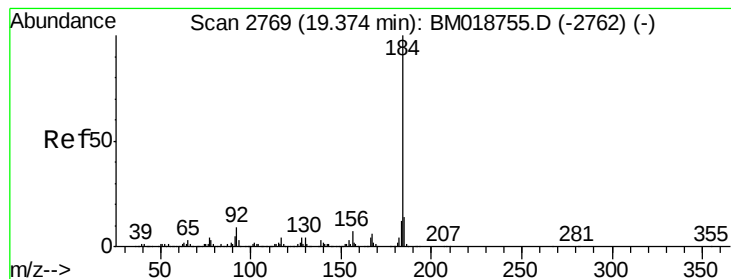
Acq: 13 Feb 2019 11:21

Tgt Ion:	240	Resp:	1819324
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	26.1	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





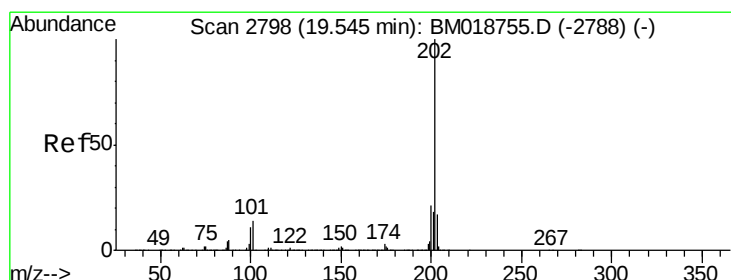
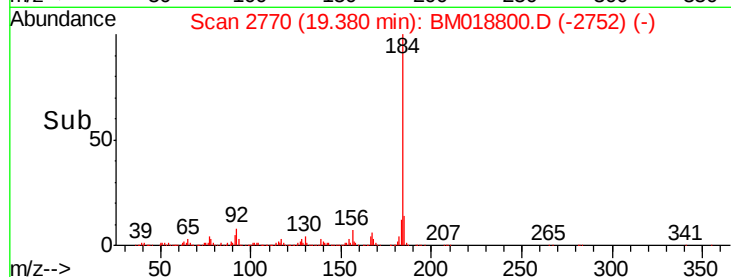
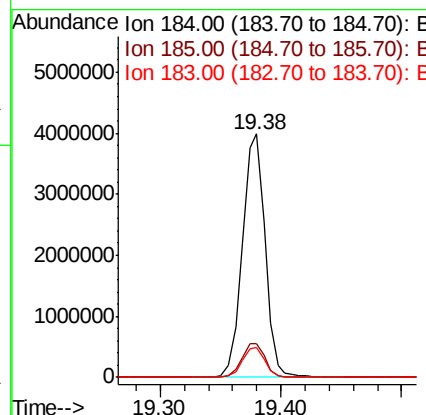
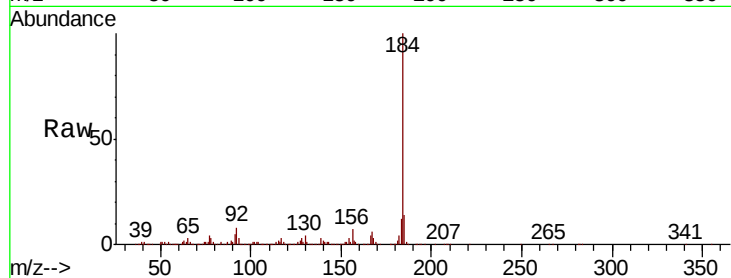
#77
Benzidine
Concen: 127.904 ng
RT: 19.38 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampled :
PB117038BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.3	9.7	14.5

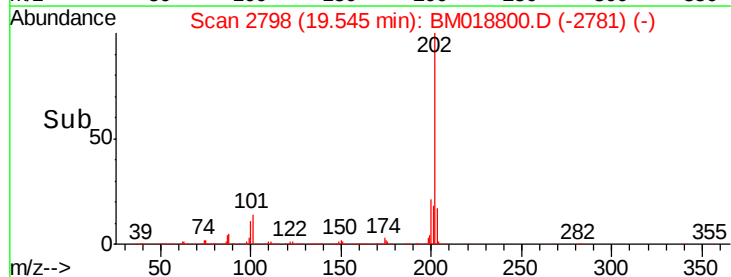
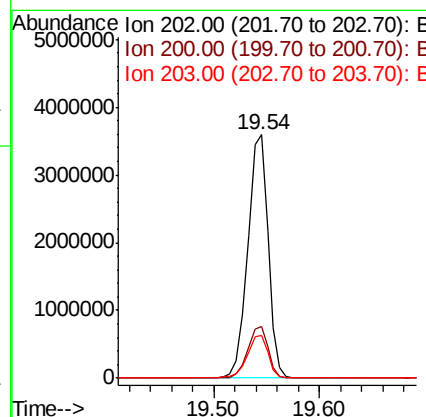
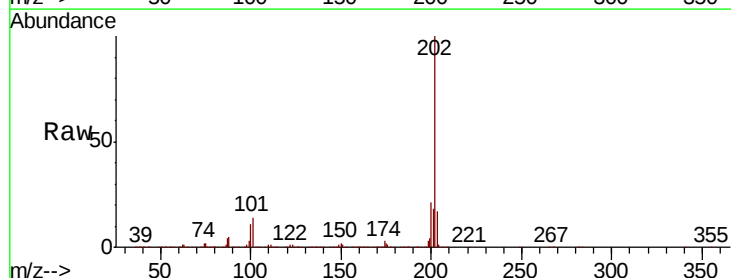
Manual Integrations
APPROVED

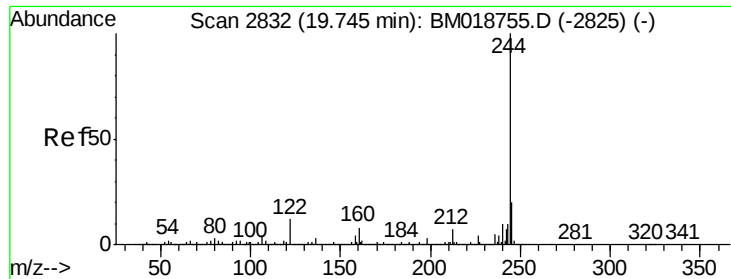
Sohil
2/13/2019 1:37:42 PM



#78
Pyrene
Concen: 45.297 ng
RT: 19.54 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.3	13.8	20.8





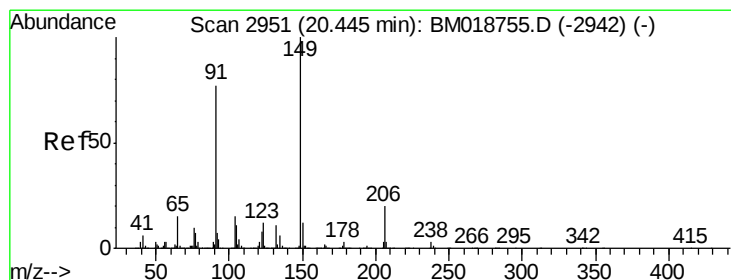
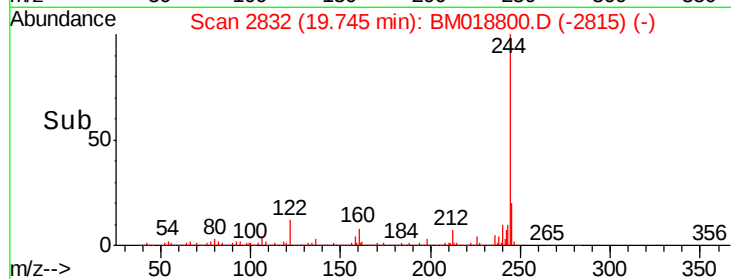
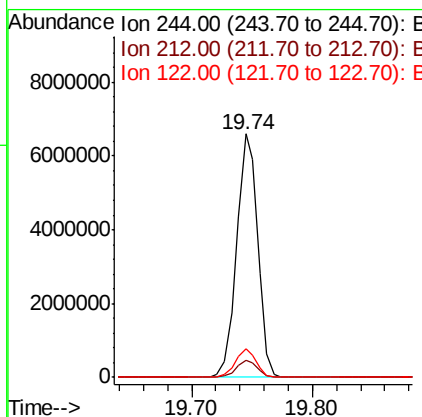
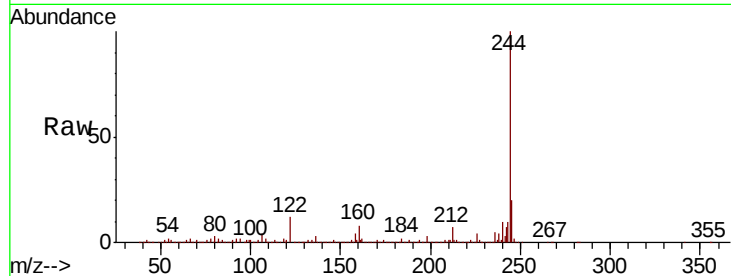
#79
 Terphenyl-d14
 Concen: 90.962 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion	Ion	Ratio	Lower	Upper
244	100			
212	7.1	5.6	8.4	
122	11.6	9.3	13.9	

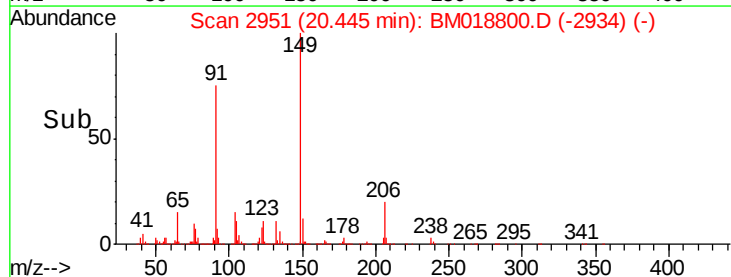
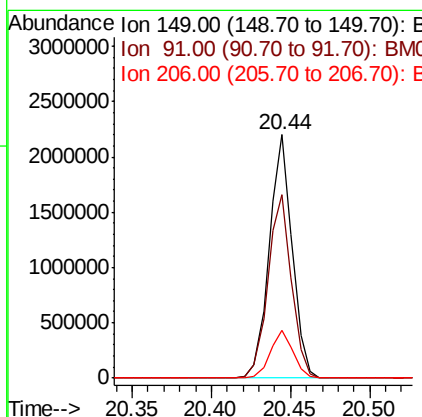
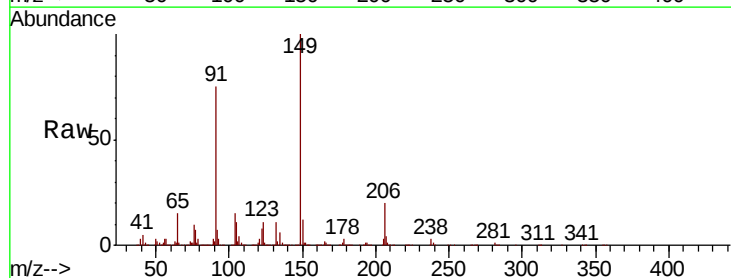
Manual Integrations
 APPROVED

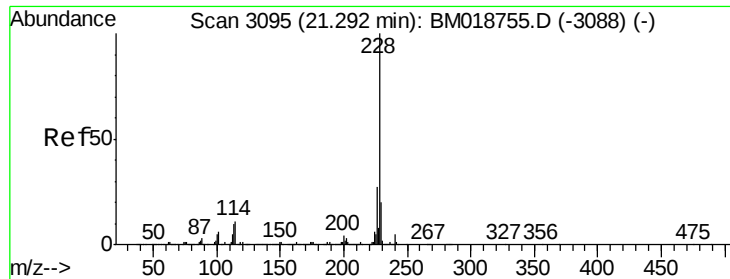
Sohil
 2/13/2019 1:37:42 PM



#80
 Butylbenzylphthalate
 Concen: 46.154 ng
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
91	75.5	61.4	92.0	
206	19.9	15.8	23.8	





#81

Benzo(a)anthracene

Concen: 45.534 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion:228 Resp: 4828959

Ion Ratio Lower Upper

228 100

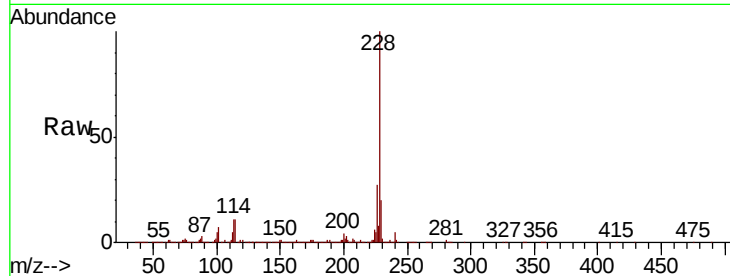
226 27.5 21.9 32.9

229 19.9 15.9 23.9

Manual Integrations
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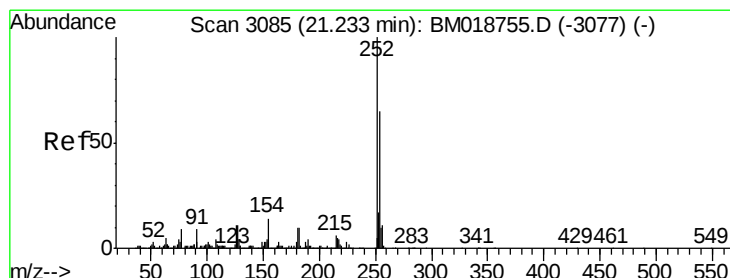
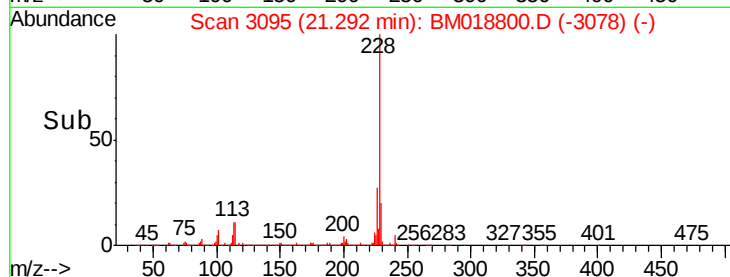
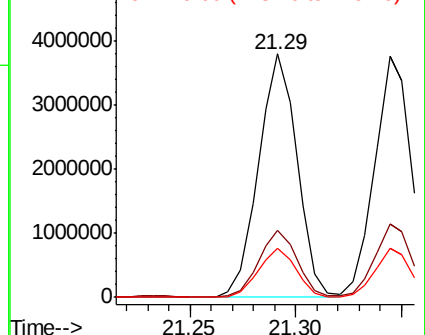


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.178 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

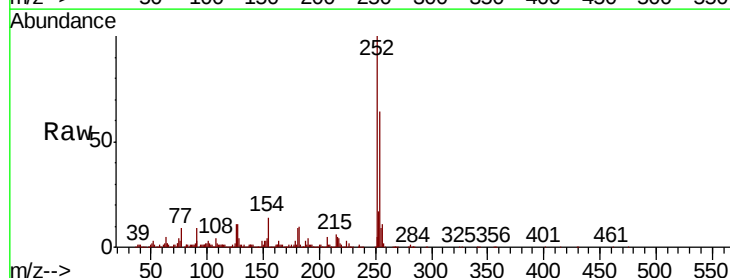
Tgt Ion:252 Resp: 1851636

Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.8

126 11.4 9.1 13.7

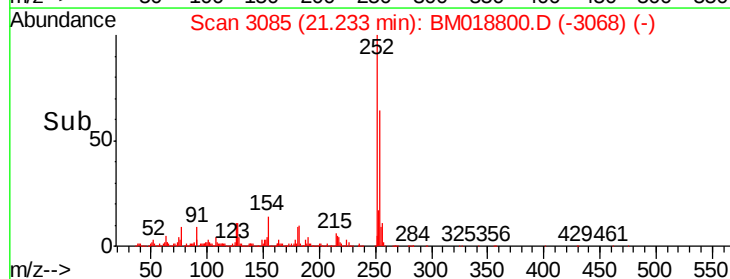
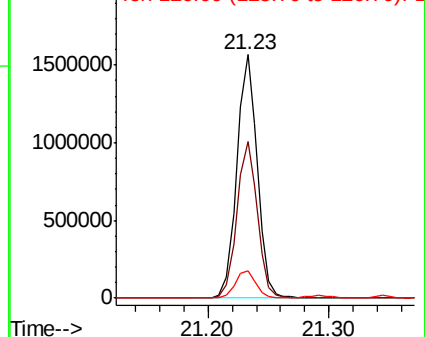


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





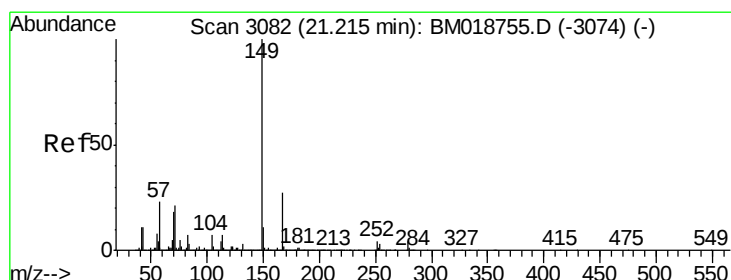
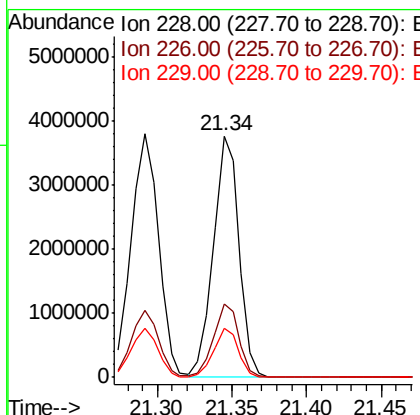
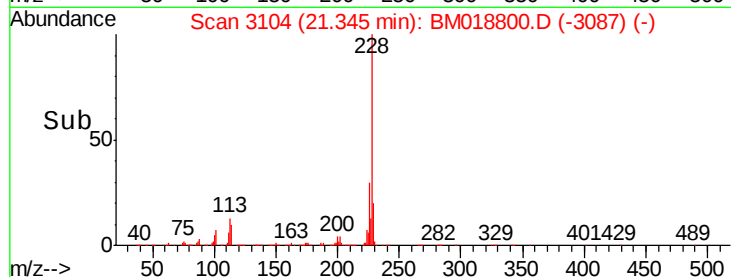
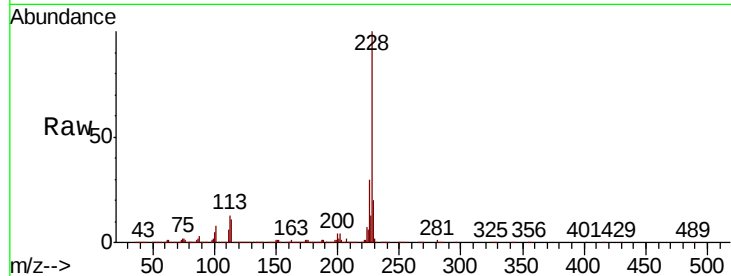
#83
Chrysene
Concen: 44.399 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion:228 Resp: 4513103
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 20.1 16.0 24.0

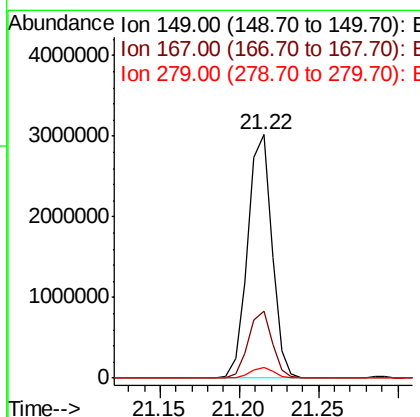
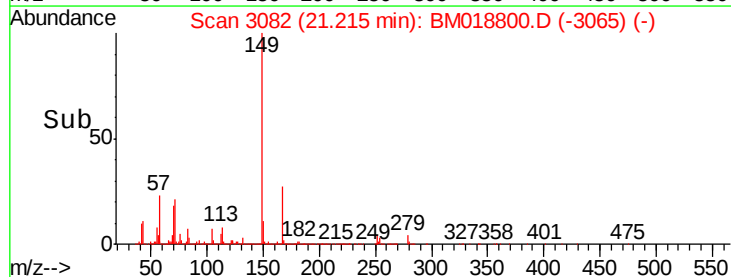
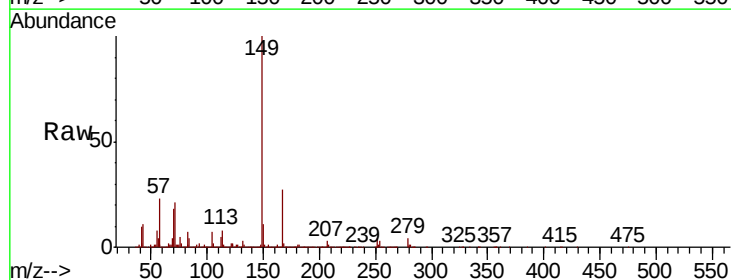
Manual Integrations
APPROVED

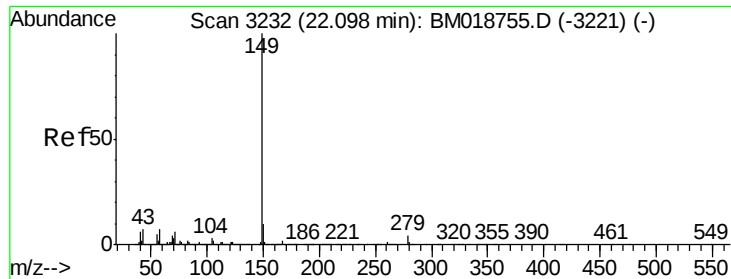
Sohil
2/13/2019 1:37:42 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.579 ng
RT: 21.22 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:149 Resp: 3212434
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.6
279 4.5 3.6 5.4





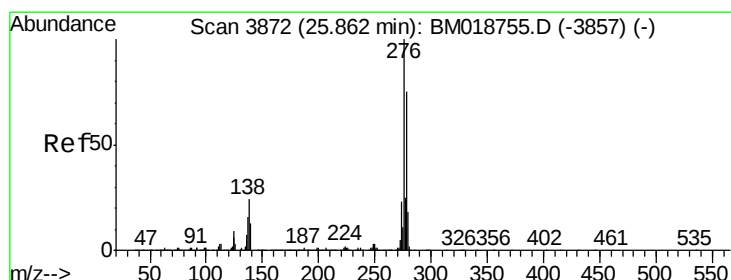
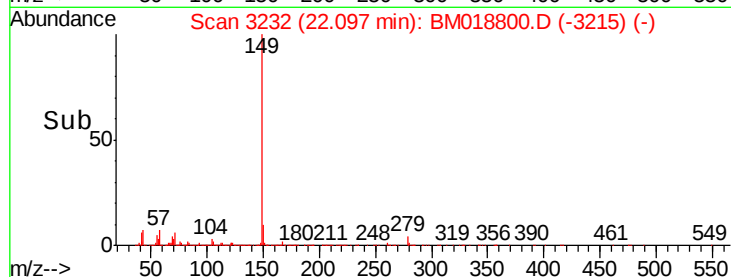
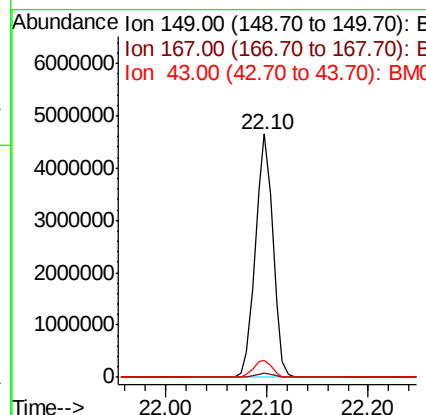
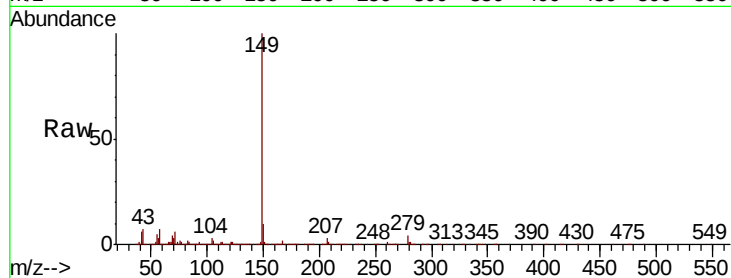
#85
Di-n-octyl phthalate
Concen: 47.036 ng
RT: 22.10 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.0	9.0

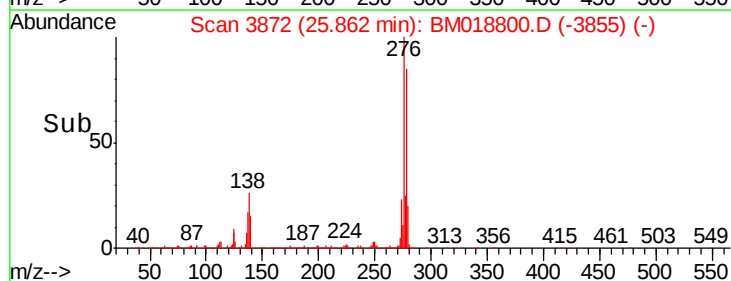
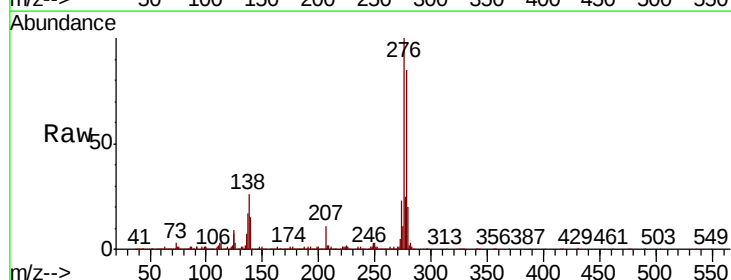
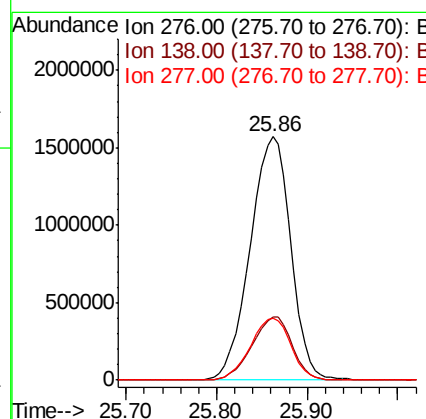
Manual Integrations
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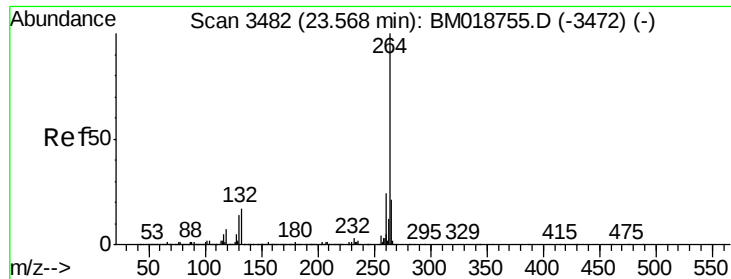
Sohil
2/13/2019 1:37:42 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.743 ng
RT: 25.86 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.2	30.4
277	25.5	20.3	30.5





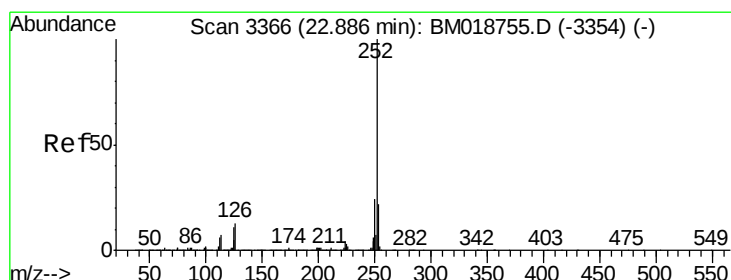
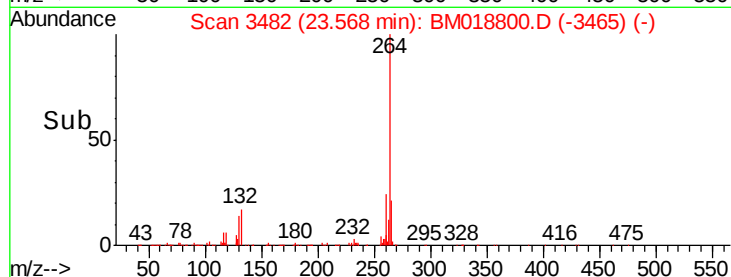
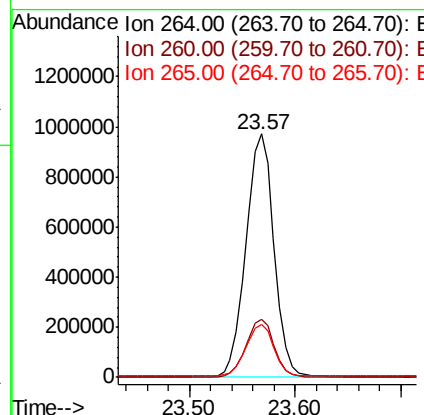
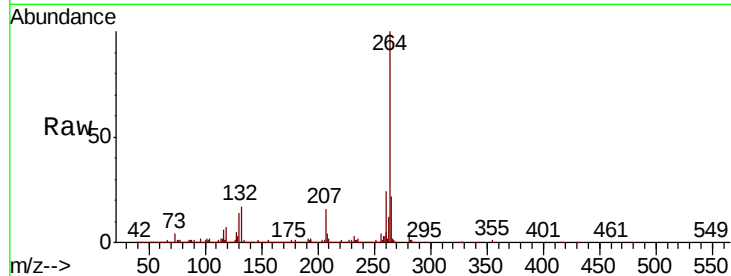
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.9	17.3	25.9

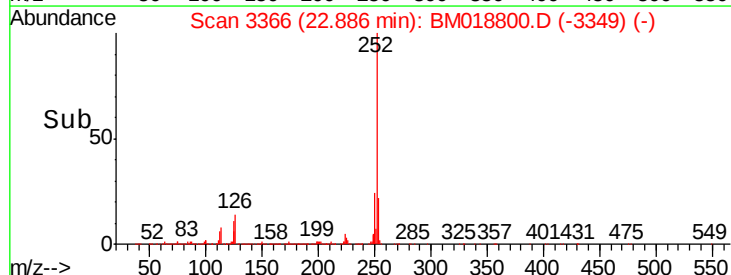
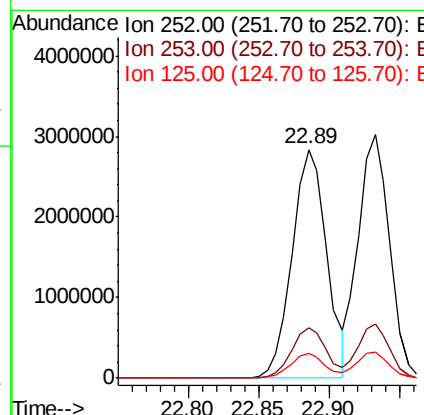
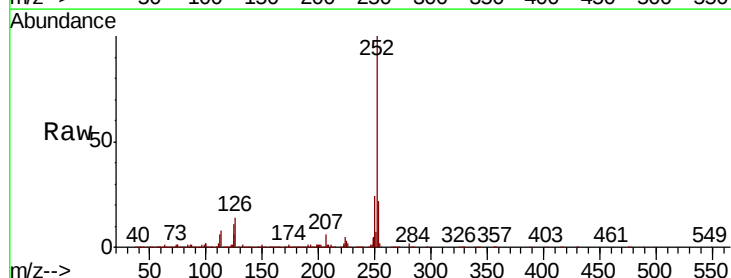
Manual Integrations
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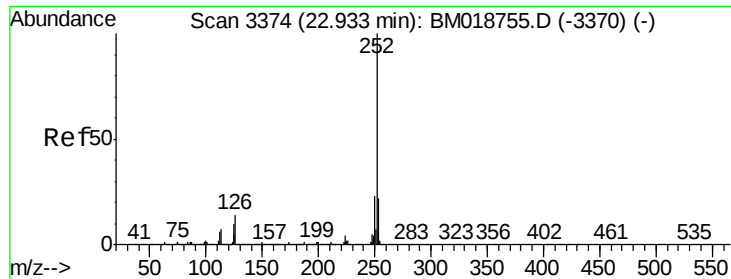
Sohil
2/13/2019 1:37:42 PM



#88
Benzo(b)fluoranthene
Concen: 46.900 ng
RT: 22.89 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.0	8.6	12.8





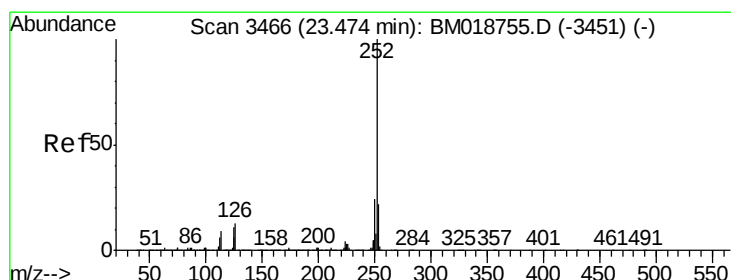
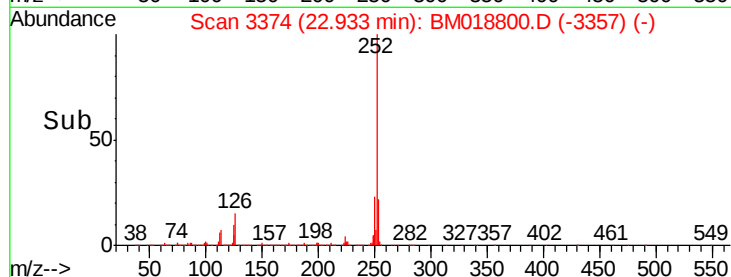
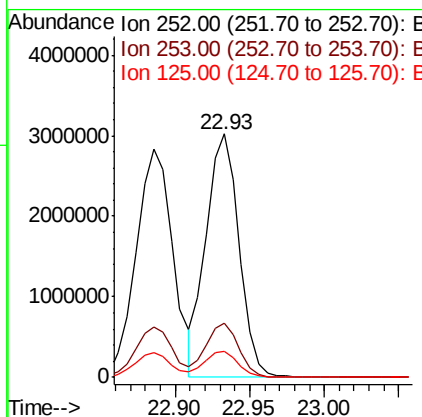
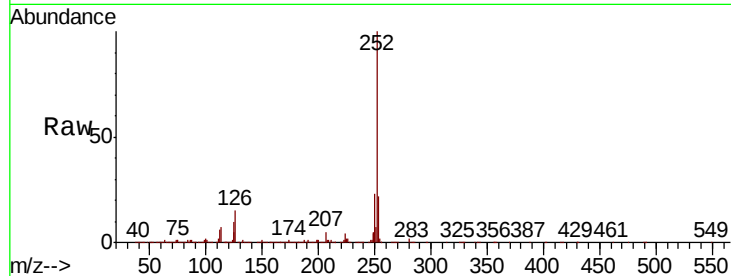
#89
Benzo(k)fluoranthene
Concen: 45.286 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.4	8.2	12.4

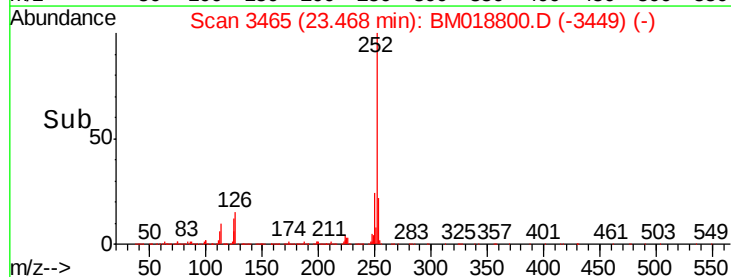
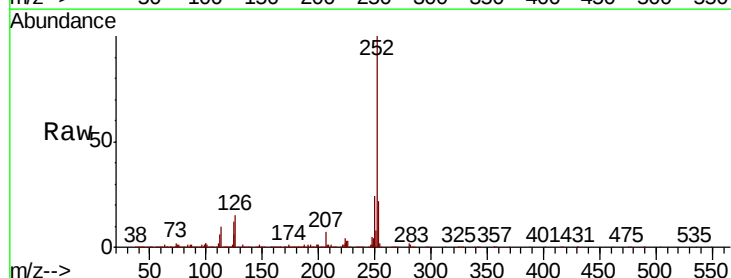
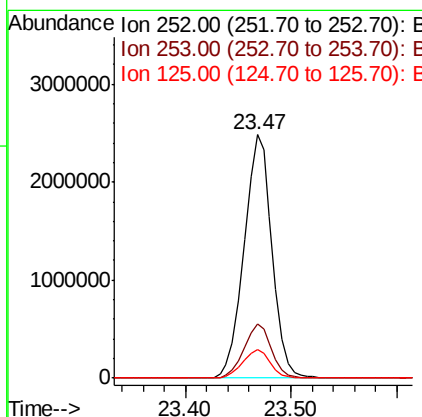
Manual Integrations
APPROVED

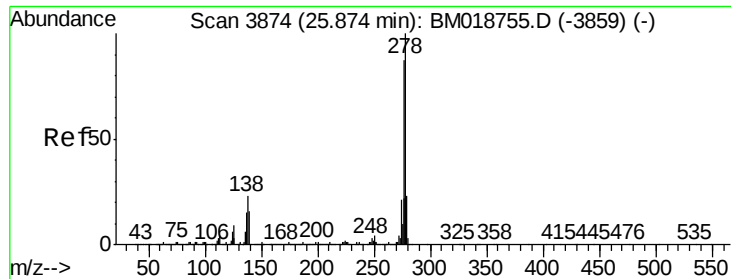
Sohil
2/13/2019 1:37:42 PM



#90
Benzo(a)pyrene
Concen: 46.432 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	11.8	8.6	13.0





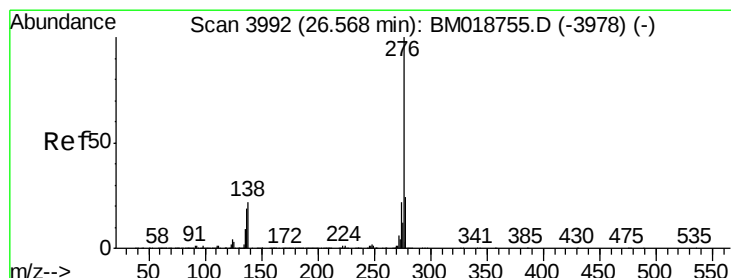
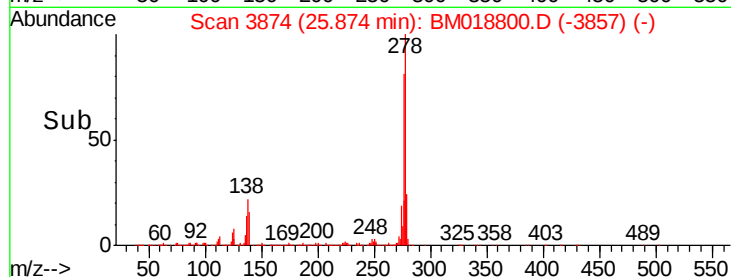
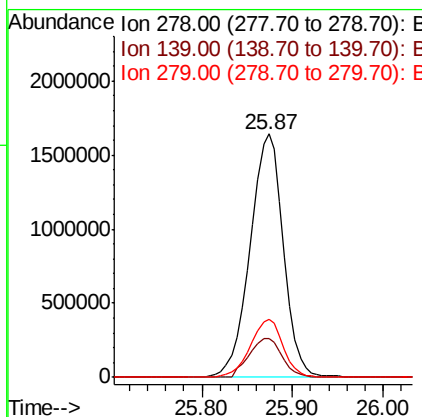
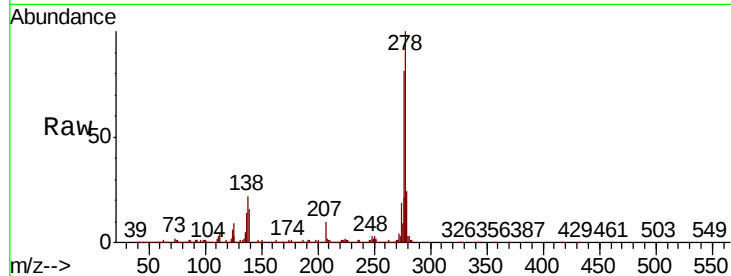
#91
Dibenzo(a,h)anthracene
Concen: 43.463 ng
RT: 25.87 min Scan# 3874
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.6	18.8
279	23.8	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/13/2019 1:37:42 PM



#92
Benzo(g,h,i)perylene
Concen: 42.493 ng
RT: 26.57 min Scan# 3992
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	21.1	17.3	25.9

