

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018776.D
 Acq On : 12 Feb 2019 17:12
 Operator : JU/SJ
 Sample : PB117043BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Manual Integrations
 APPROVED

Sohil
 2/13/2019 12:20:45 PM

Quant Time: Feb 13 02:45:49 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	7.72	152	315509	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1356891	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	799392	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1880198	20.00	ng	0.00
76) Chrysene-d12	21.32	240	2129636	20.00	ng	0.00
87) Perylene-d12	23.57	264	2059731	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2766387	143.66	ng	0.00
7) Phenol-d6	6.89	99	4000712	147.48	ng	0.00
23) Nitrobenzene-d5	8.89	82	2101446	71.61	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	1838722	159.57	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4246704	70.52	ng	0.00
79) Terphenyl-d14	19.75	244	8120477	78.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	342884	40.883	ng	100
3) Pyridine	3.66	79	1077778	47.111	ng	97
4) n-Nitrosodimethylamine	3.58	42	290547	49.923	ng	95
6) Aniline	7.06	93	1525253	45.889	ng	99
8) 2-Chlorophenol	7.28	128	918492	43.445	ng	97
9) Benzaldehyde	6.87	77	817921	64.948	ng	99
10) Phenol	6.92	94	1260802	44.172	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	928540	42.645	ng	99
12) 1,3-Dichlorobenzene	7.60	146	988878	41.597	ng	100
13) 1,4-Dichlorobenzene	7.75	146	1017556	42.045	ng	99
14) 1,2-Dichlorobenzene	8.06	146	970182	41.733	ng	98
15) Benzyl Alcohol	7.96	79	968209	44.918	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	889858	42.226	ng	100
17) 2-Methylphenol	8.16	107	806987	44.421	ng	99
18) Hexachloroethane	8.78	117	380155	43.030	ng	99
19) n-Nitroso-di-n-propylamine	8.53	70	925083	44.043	ng	99
20) 3+4-Methylphenols	8.49	107	1114858	44.442	ng	98
22) Acetophenone	8.55	105	1518196	40.743	ng	# 99
24) Nitrobenzene	8.93	77	1287199	42.258	ng	100
25) Isophorone	9.45	82	2317529	49.495	ng	100
26) 2-Nitrophenol	9.63	139	527241	43.464	ng	98
27) 2,4-Dimethylphenol	9.69	122	854084	48.206	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	1328647	43.880	ng	100
29) 2,4-Dichlorophenol	10.16	162	895209	44.004	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	963986	41.031	ng	97
31) Naphthalene	10.56	128	2958358	44.704	ng	99
32) Benzoic acid	9.85	122	606843	39.265	ng	96
33) 4-Chloroaniline	10.68	127	1301515	43.997	ng	99
34) Hexachlorobutadiene	10.82	225	538073	39.457	ng	98
35) Caprolactam	11.50	113	324333m	39.064	ng	
36) 4-Chloro-3-methylphenol	11.80	107	1070903	43.661	ng	100
37) 2-Methylnaphthalene	12.17	142	2187317	46.946	ng	99
38) 1-Methylnaphthalene	12.39	142	2087381	45.815	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1052598	41.162	ng	99

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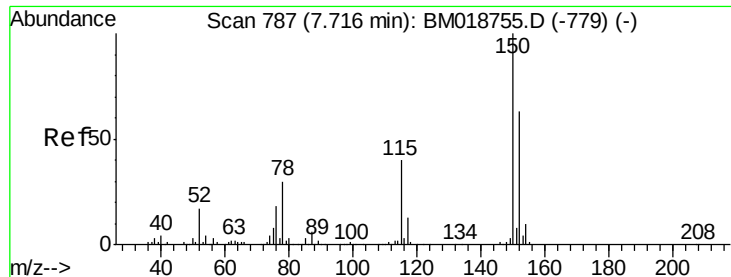
Manual Integrations
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 2/13/2019 12:20:45 PM

Quant Time: Feb 13 02:45:49 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)
41) Hexachlorocyclopentadiene	12.50	237	1402849	107.300	ng	100
43) 2,4,6-Trichlorophenol	12.79	196	731040	43.184	ng	100
44) 2,4,5-Trichlorophenol	12.86	196	792070	44.640	ng	97
46) 1,1'-Biphenyl	13.19	154	2769540	40.249	ng	100
47) 2-Chloronaphthalene	13.24	162	2167495	40.782	ng	99
48) 2-Nitroaniline	13.46	65	786360	44.549	ng	98
49) Acenaphthylene	14.09	152	3597343	45.457	ng	100
50) Dimethylphthalate	13.83	163	2886357	43.325	ng	99
51) 2,6-Dinitrotoluene	13.96	165	637412	44.168	ng	95
52) Acenaphthene	14.43	154	2060401	42.460	ng	99
53) 3-Nitroaniline	14.29	138	686525	42.102	ng	97
54) 2,4-Dinitrophenol	14.50	184	806428	87.484	ng	97
55) Dibenzofuran	14.77	168	3385577	42.448	ng	100
56) 4-Nitrophenol	14.61	139	1154168	88.667	ng	99
57) 2,4-Dinitrotoluene	14.75	165	915749	46.055	ng	99
58) Fluorene	15.42	166	2794174	45.793	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	742892	47.367	ng	100
60) Diethylphthalate	15.20	149	2996349	43.601	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1402261	40.988	ng	96
62) 4-Nitroaniline	15.47	138	699606	43.764	ng	99
63) Azobenzene	15.71	77	3213655	43.613	ng	99
65) 4,6-Dinitro-2-methylphenol	15.51	198	525446	39.803	ng	97
66) n-Nitrosodiphenylamine	15.63	169	2449891	41.242	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	845287	40.165	ng	99
68) Hexachlorobenzene	16.41	284	981768	40.134	ng	99
69) Atrazine	16.59	200	844466	44.096	ng	99
70) Pentachlorophenol	16.76	266	1302663	82.705	ng	100
71) Phenanthrene	17.16	178	4484929	44.386	ng	100
72) Anthracene	17.25	178	4566561	46.432	ng	100
73) Carbazole	17.53	167	4196585	40.842	ng	99
74) Di-n-butylphthalate	18.08	149	5257160	44.487	ng	100
75) Fluoranthene	19.18	202	5317894	45.561	ng	99
77) Benzidine	19.38	184	6394233	133.318	ng	99
78) Pyrene	19.55	202	5458641	44.133	ng	100
80) Butylbenzylphthalate	20.45	149	2590337	45.953	ng	99
81) Benzo(a)anthracene	21.30	228	5583999	44.981	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	2193521	44.709	ng	100
83) Chrysene	21.35	228	5183198	43.561	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3754122	45.503	ng	99
85) Di-n-octyl phthalate	22.10	149	6454484	46.548	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	5683031	41.369	ng	100
88) Benzo(b)fluoranthene	22.90	252	5540666	47.017	ng	99
89) Benzo(k)fluoranthene	22.94	252	5447154	46.429	ng	99
90) Benzo(a)pyrene	23.48	252	5265316	47.165	ng	99
91) Dibenzo(a,h)anthracene	25.89	278	4864425	43.981	ng	99
92) Benzo(g,h,i)perylene	26.58	276	4440456	43.124	ng	100

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



#1

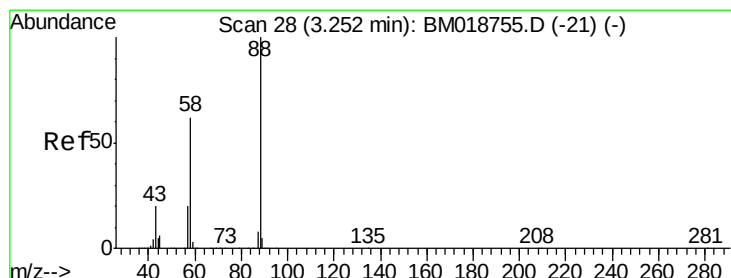
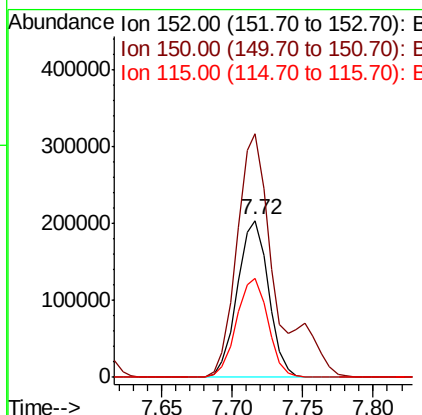
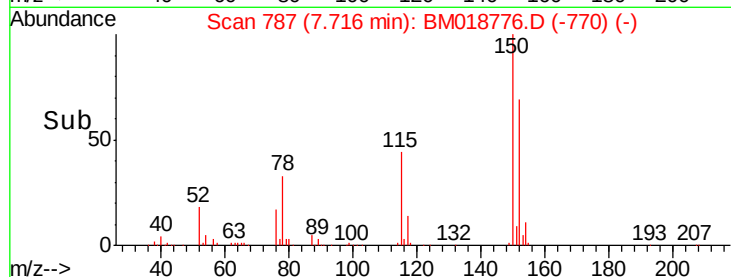
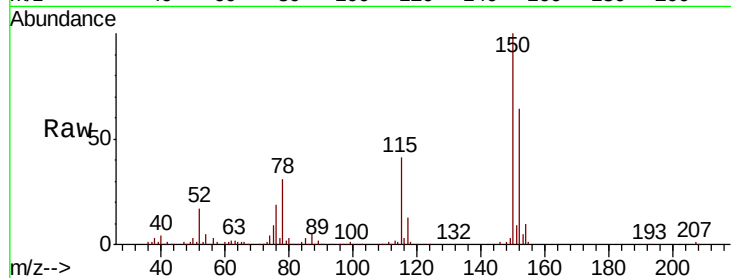
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.3	190.9
115	63.5	50.8	76.2

Manual Integrations
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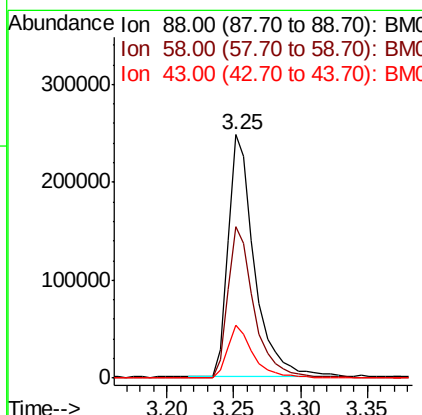
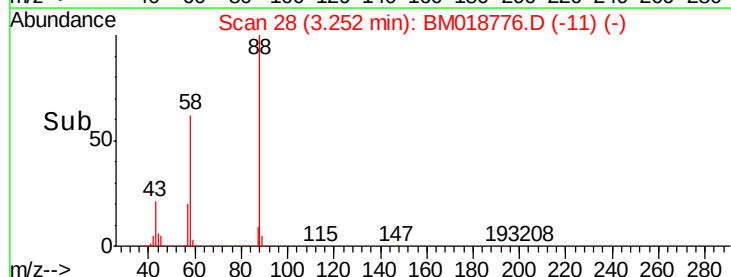
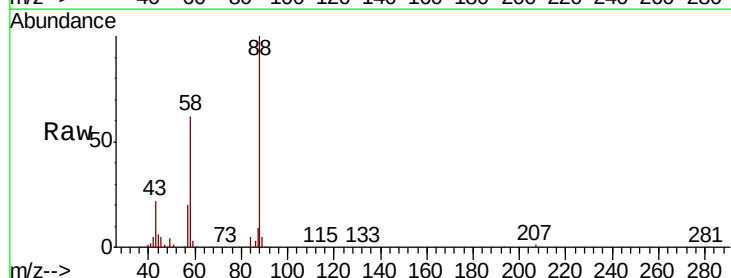
Sohil
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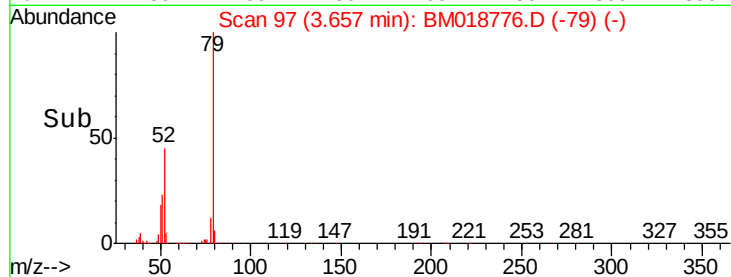
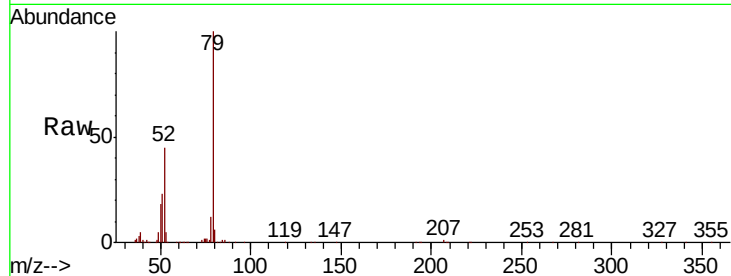
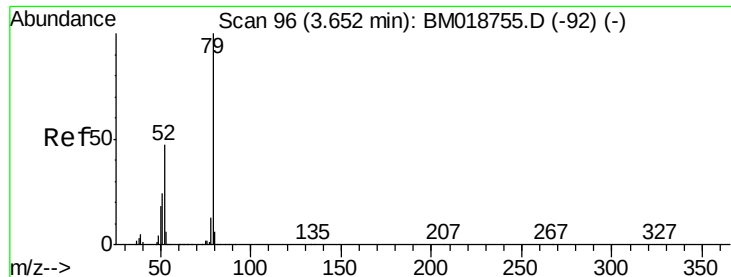


#2

1,4-Dioxane
Concen: 40.883 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.4	49.8	74.6
43	20.8	16.7	25.1





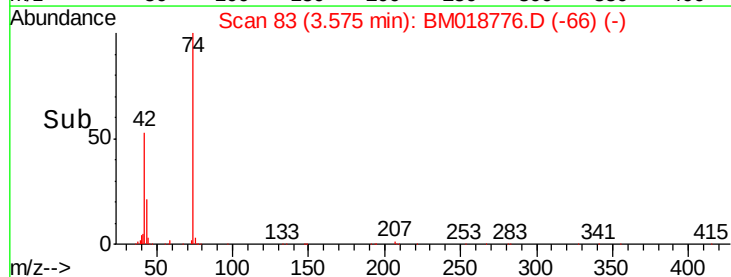
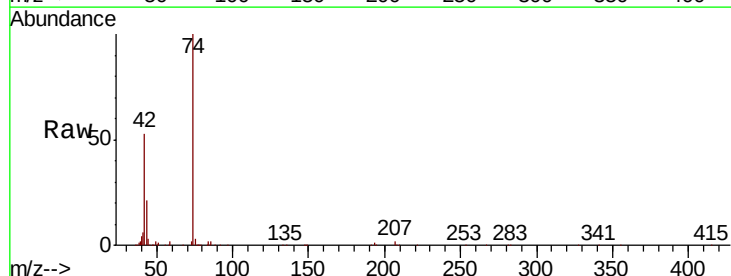
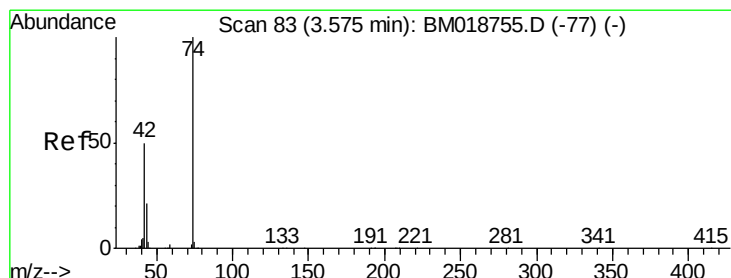
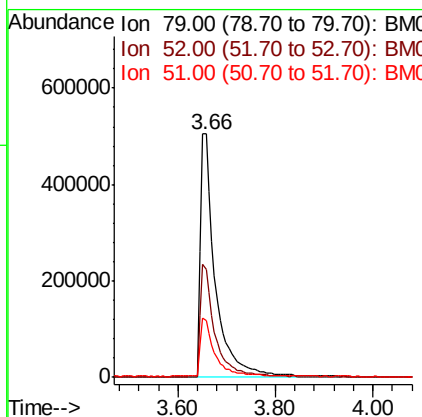
#3
 Pvridine
 Concen: 47.111 ng
 RT: 3.66 min Scan# 97
 Delta R.T. 0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tot Ion:	79	Resp:	1077778
Ion	Ratio	Lower	Upper
79	100		
52	44.6	37.6	56.4
51	23.4	19.7	29.5

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

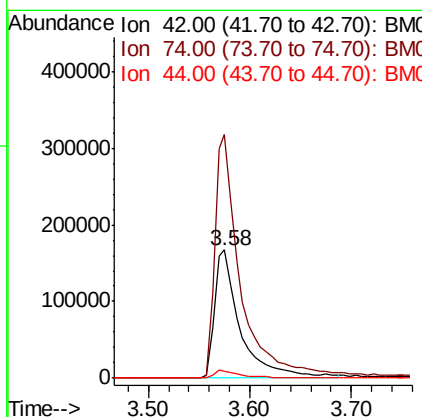
Manual Integrations
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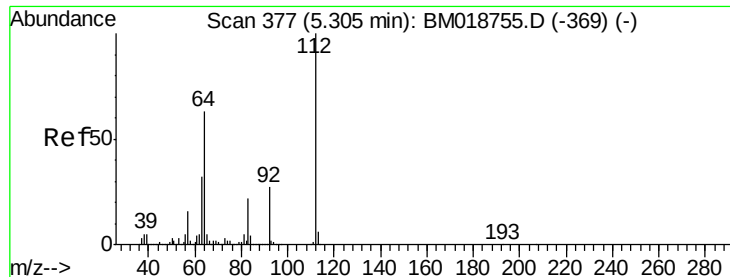
Sohil
 2/13/2019 12:20:45 PM



#4
 n-Nitrosodimethylamine
 Concen: 49.923 ng
 RT: 3.58 min Scan# 83
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:	42	Resp:	290547
Ion	Ratio	Lower	Upper
42	100		
74	190.0	158.1	237.1
44	5.8	4.9	7.3





#5

2-Fluorophenol

Concen: 143.662 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

Tot Ion:112 Resp: 2766387

Ion Ratio Lower Upper

112 100

64 63.9 50.6 75.8

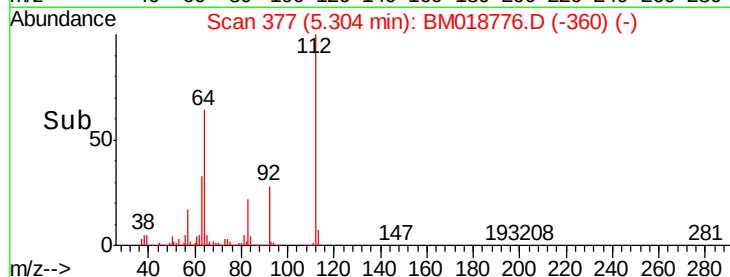
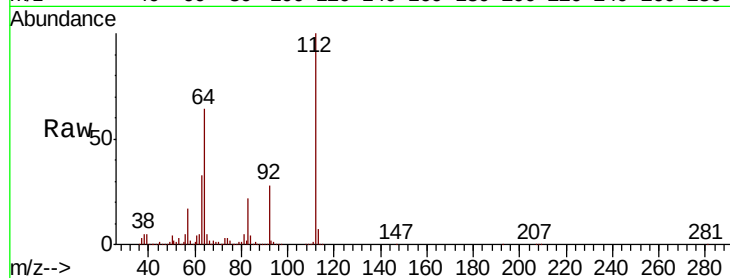
63 33.0 25.7 38.5

Manual Integrations

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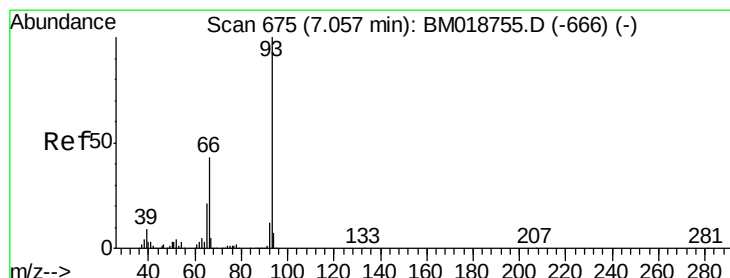
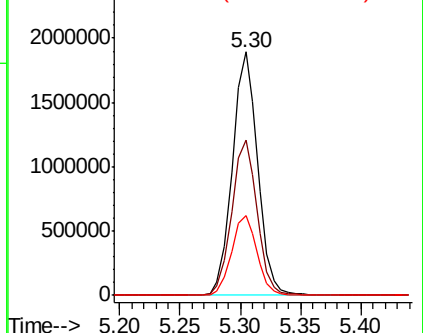
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 45.889 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

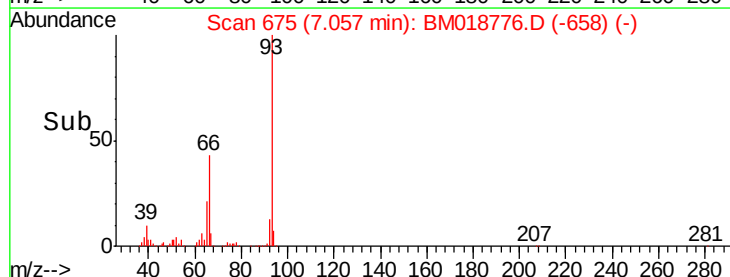
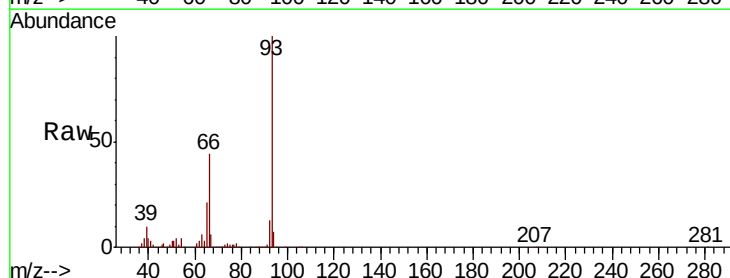
Tgt Ion: 93 Resp: 1525253

Ion Ratio Lower Upper

93 100

66 43.5 34.1 51.1

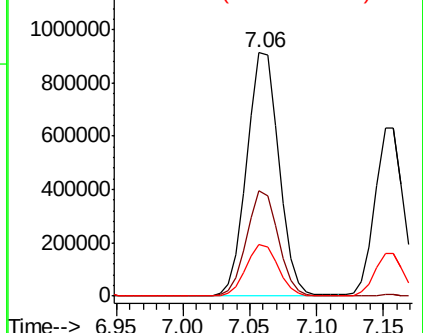
65 21.5 16.6 24.8

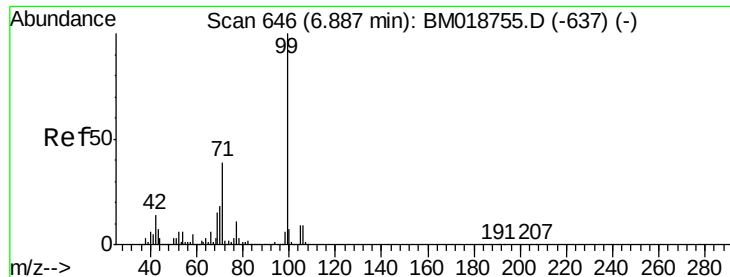


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 147.479 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

Tot Ion: 99 Resp: 4000712

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

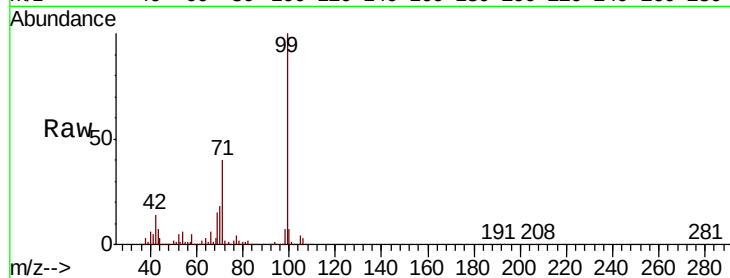
71 40.1 31.3 46.9

Manual Integrations

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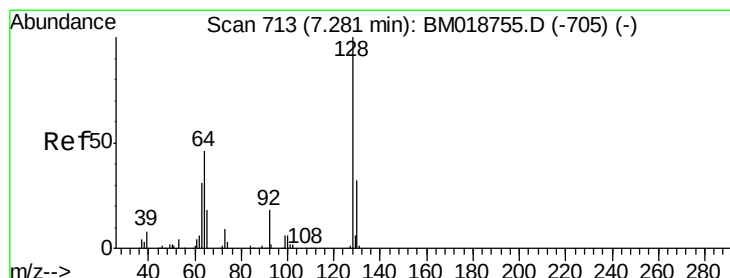
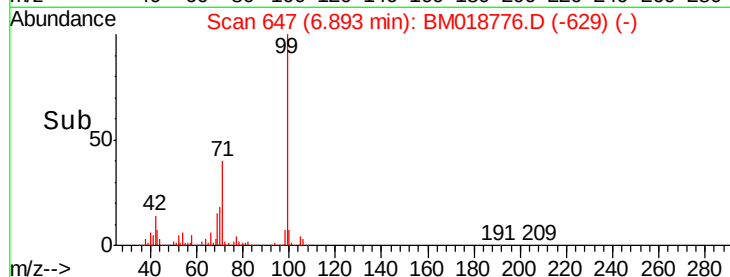
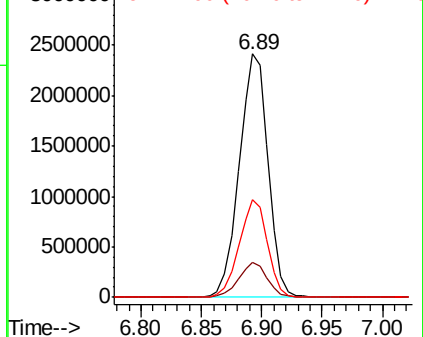


Abundance

Ion 99.00 (98.70 to 99.70): BM018776.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018776.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018776.D (-629) (-)



#8

2-Chlorophenol

Concen: 43.445 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

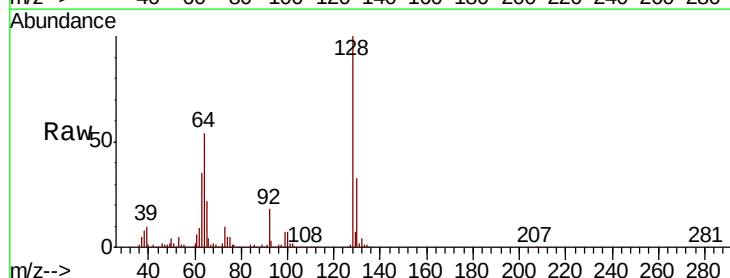
Tgt Ion: 128 Resp: 918492

Ion Ratio Lower Upper

128 100

130 32.6 11.7 51.7

64 53.8 31.0 71.0

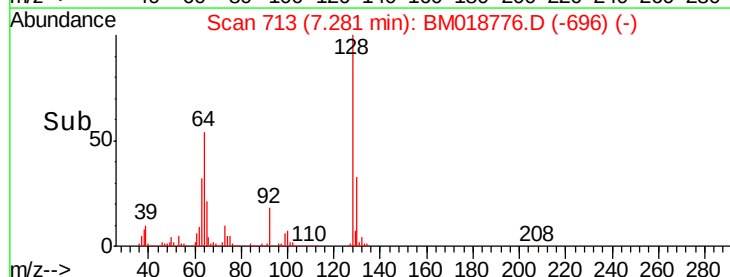
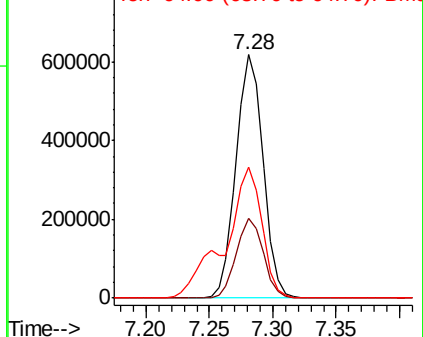


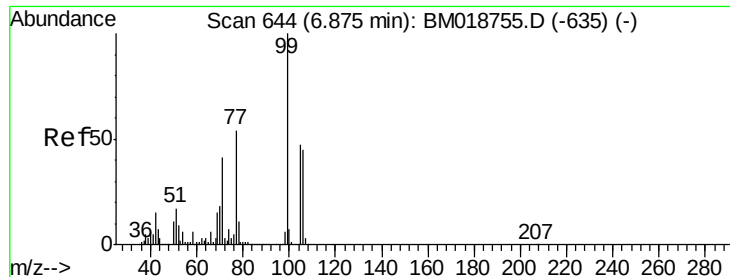
Abundance

Ion 128.00 (127.70 to 128.70): BM018776.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018776.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018776.D (-696) (-)





#9

Benzaldehyde

Concen: 64.948 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

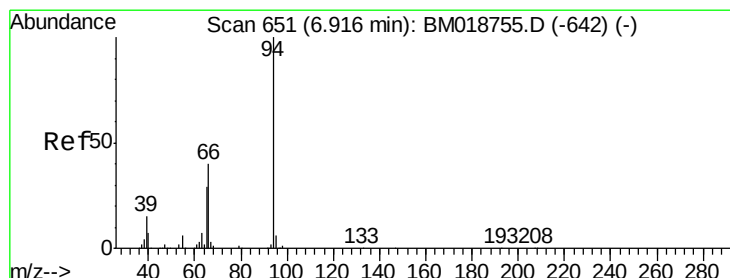
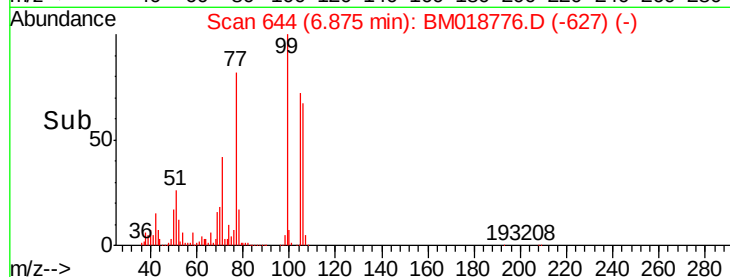
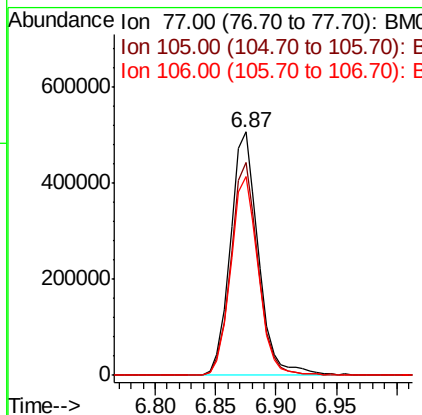
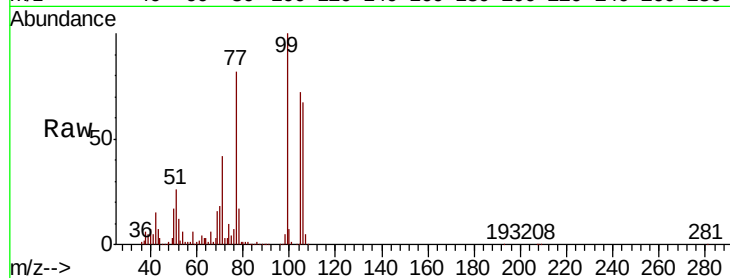
ClientSampleId :

PB117043BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	87.5	67.3	107.3		
106	81.7	62.9	102.9		

Manual Integrations
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#10

Phenol

Concen: 44.172 ng

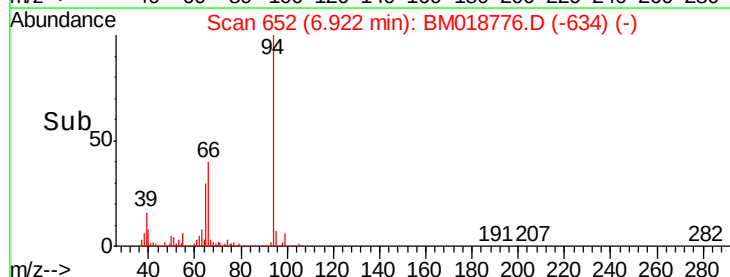
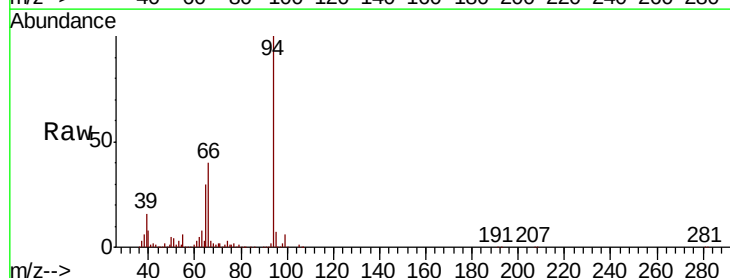
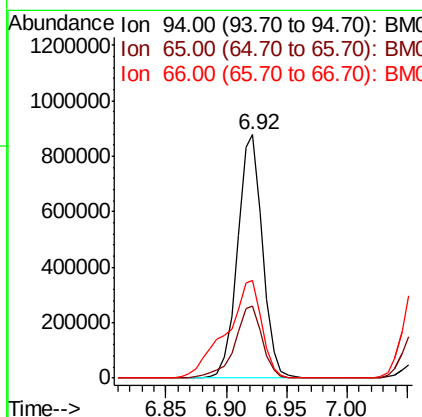
RT: 6.92 min Scan# 652

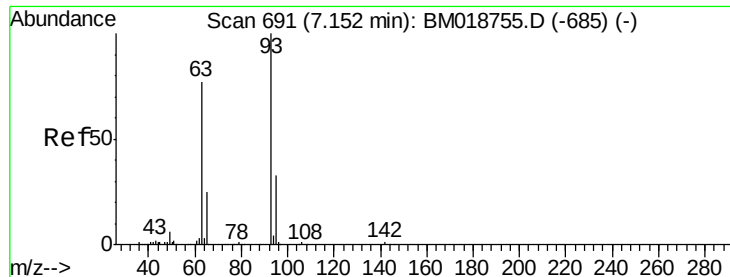
Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.5	9.6	49.6		
66	39.9	20.4	60.4		





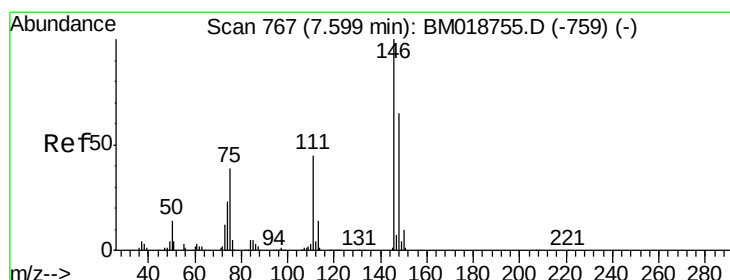
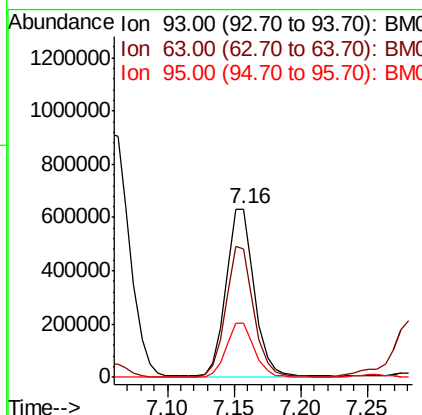
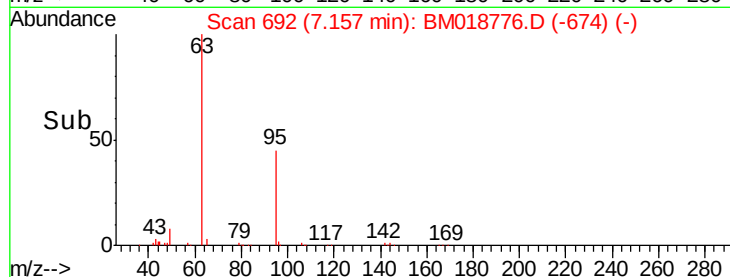
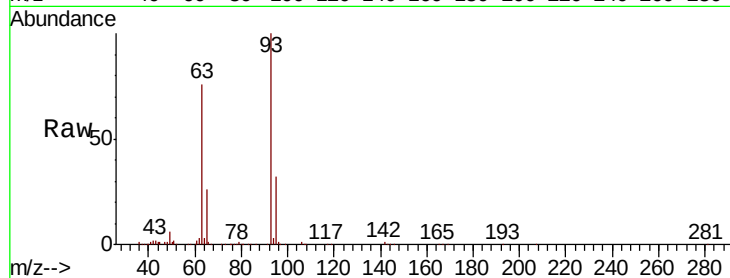
#11
bis(2-Chloroethyl)ether
Concen: 42.645 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	57.0	97.0
95	31.8	12.4	52.4

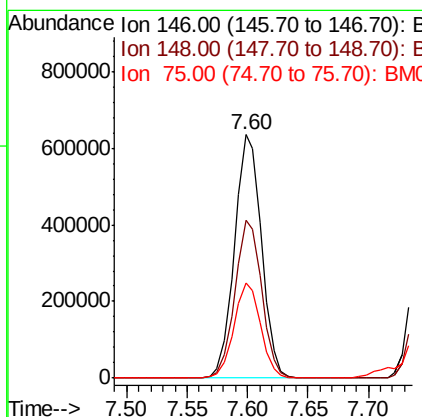
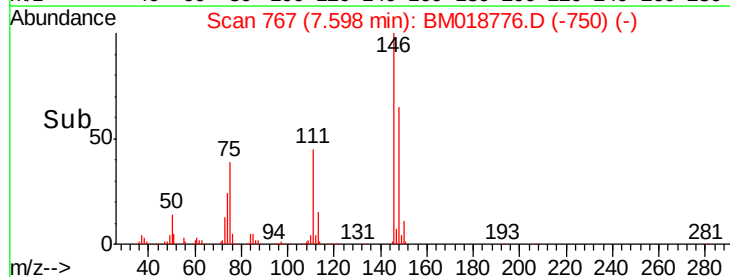
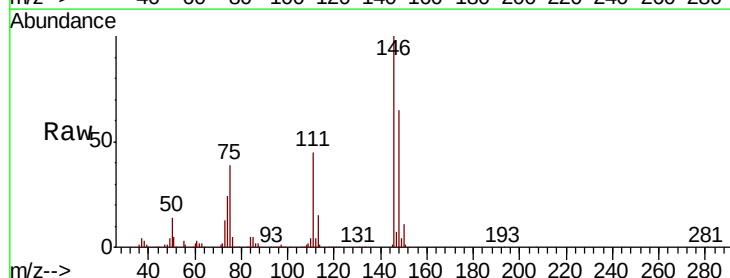
Manual Integrations
APPROVED

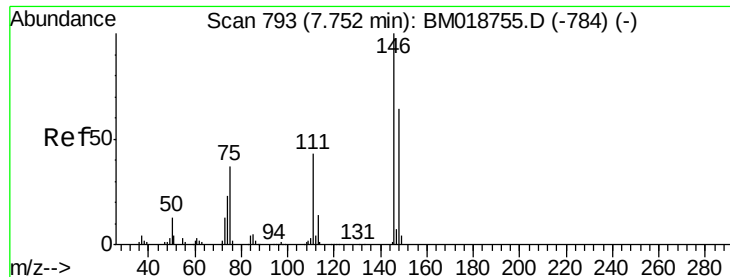
Sohil
2/13/2019 12:20:45 PM



#12
1,3-Dichlorobenzene
Concen: 41.597 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
75	39.0	31.3	46.9





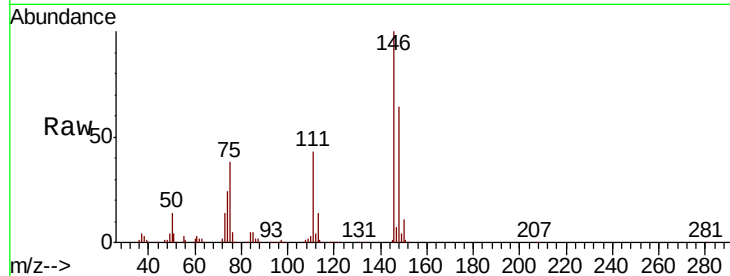
#13
 1,4-Dichlorobenzene
 Concen: 42.045 ng
 RT: 7.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	42.9	34.6	52.0

Manual Integrations
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Sohil
 2/13/2019 12:20:45 PM

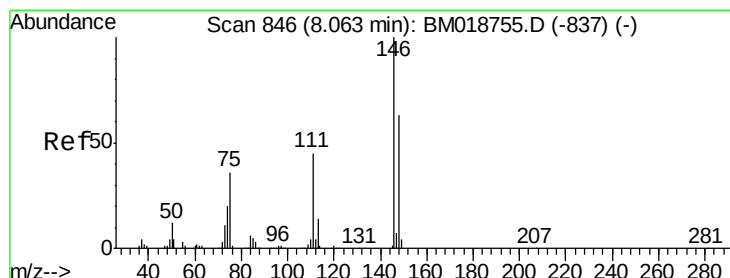
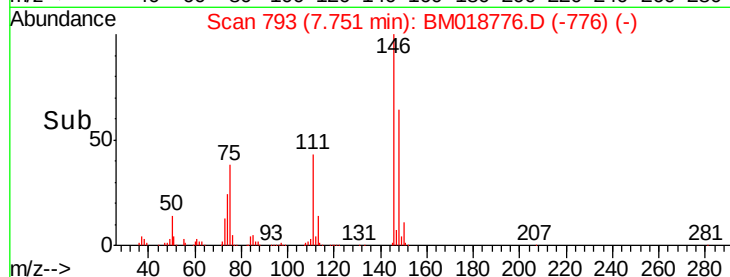
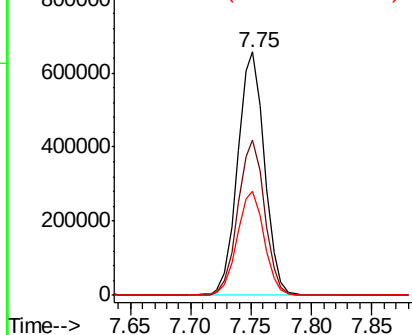


Abundance

Ion 146.00 (145.70 to 146.70): E

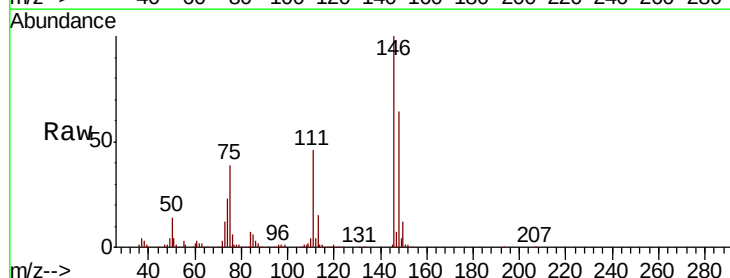
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.733 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.7	76.1
111	46.2	35.9	53.9

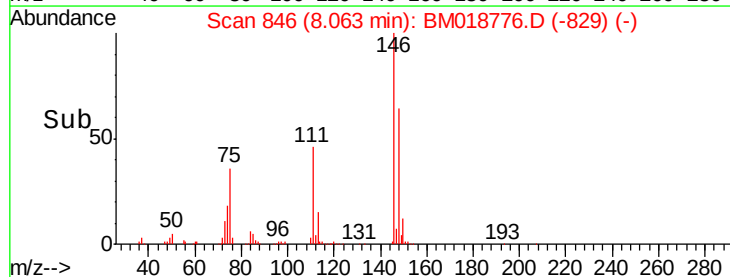
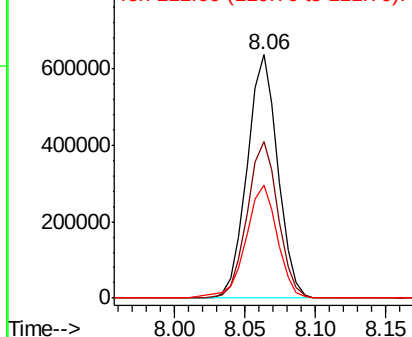


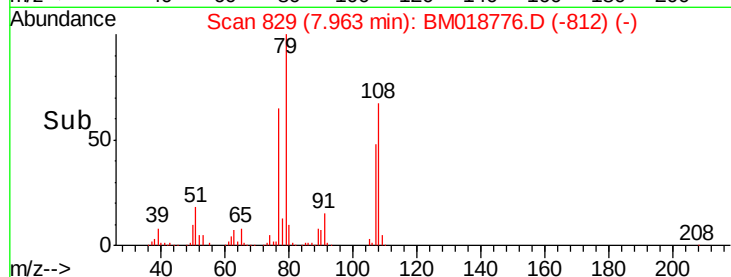
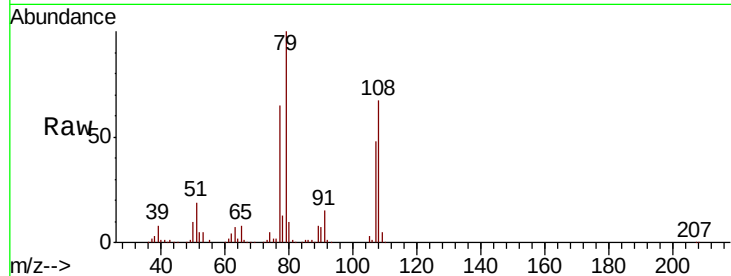
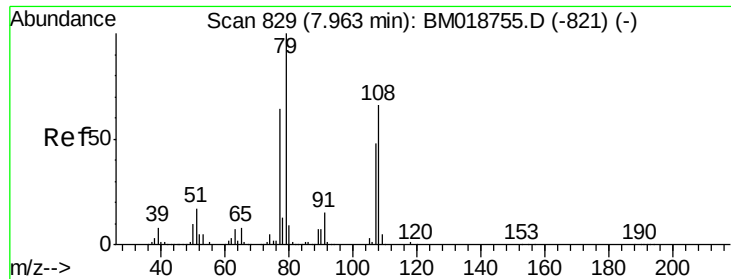
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





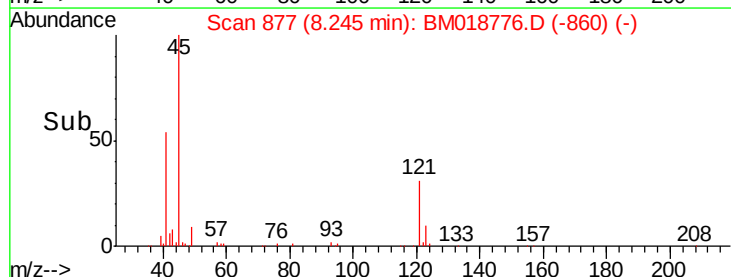
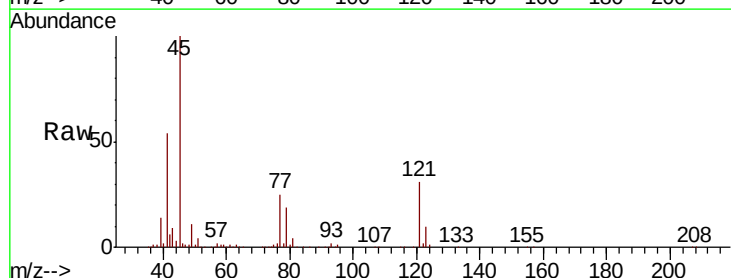
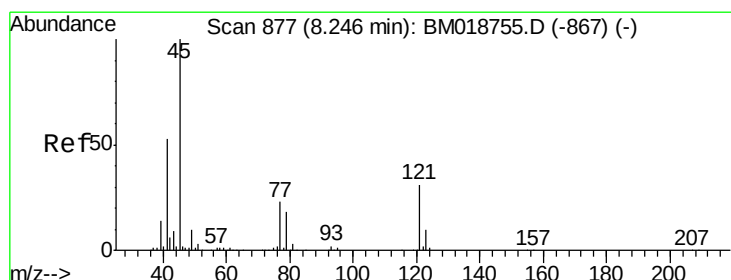
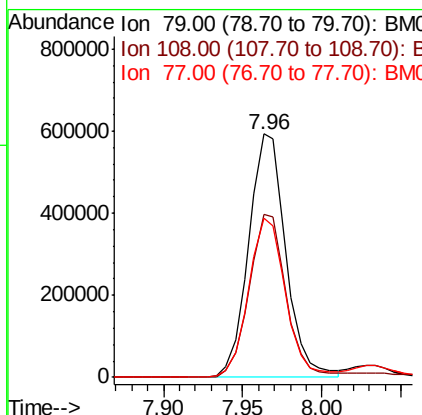
#15
Benzyl Alcohol
Concen: 44.918 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.1	52.7	79.1
77	65.4	51.0	76.4

Instrument :
BNA_M
ClientSampleId :
PB117043BS

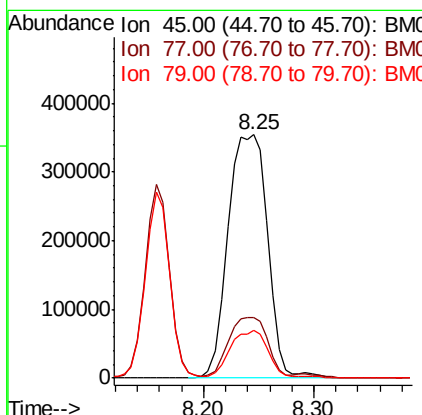
Manual Integrations
APPROVED

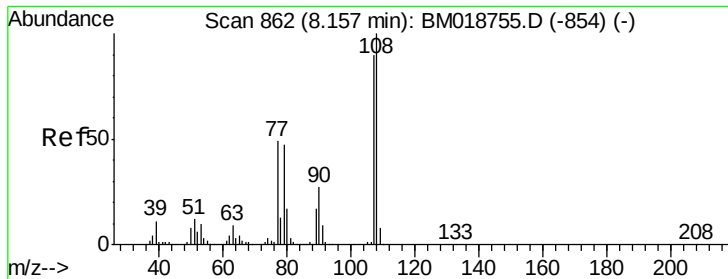
Sohil
2/13/2019 12:20:45 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.226 ng
RT: 8.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.9	5.0	45.0
79	19.5	0.0	39.3





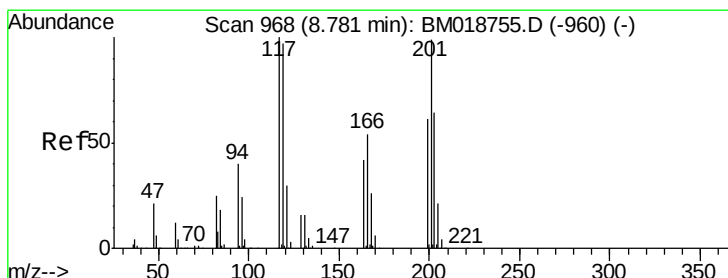
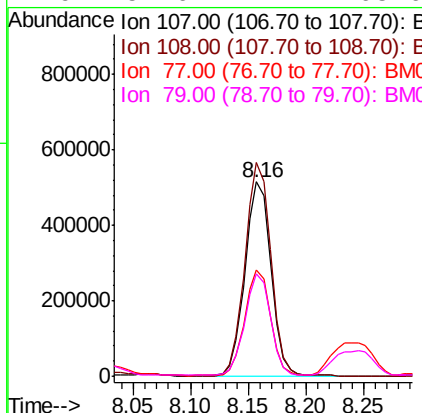
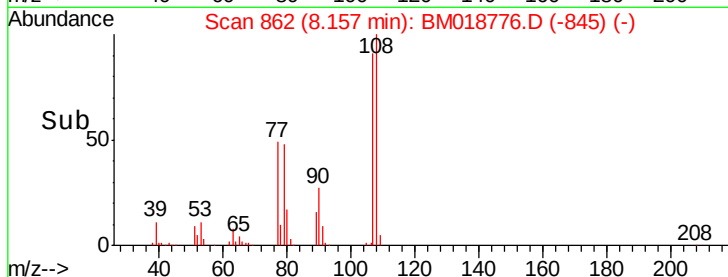
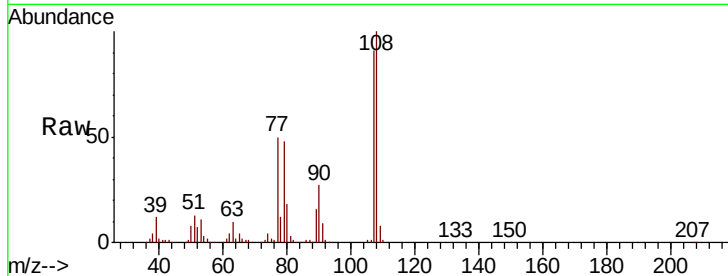
#17
2-Methylphenol
Concen: 44.421 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	806987		
108	109.9	88.8	133.2	
77	54.7	44.0	66.0	
79	52.6	42.4	63.6	

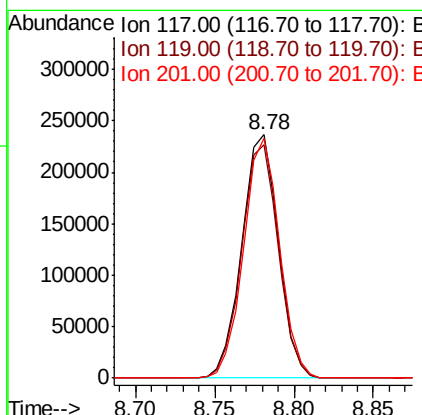
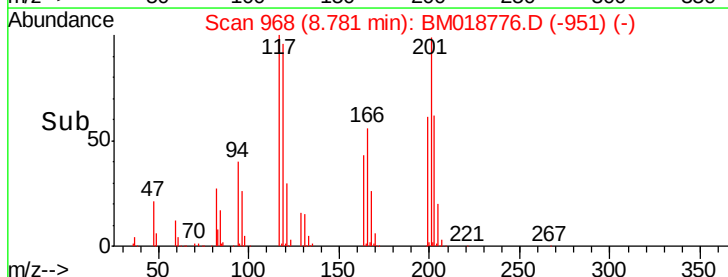
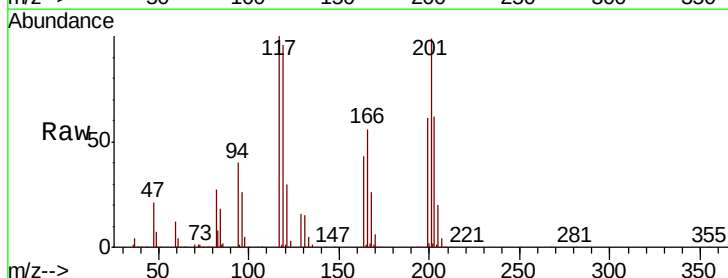
Manual Integrations
APPROVED

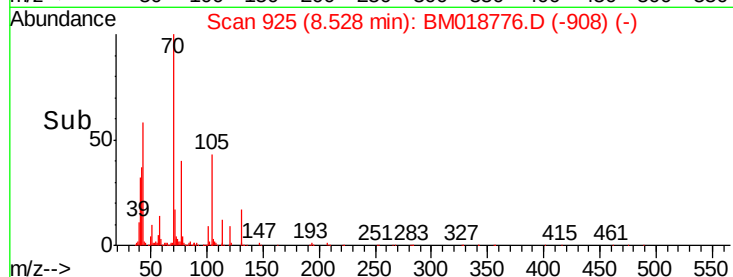
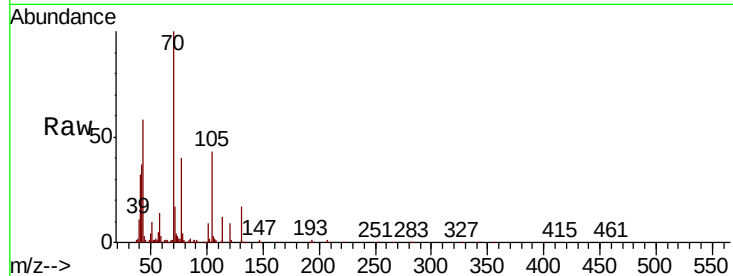
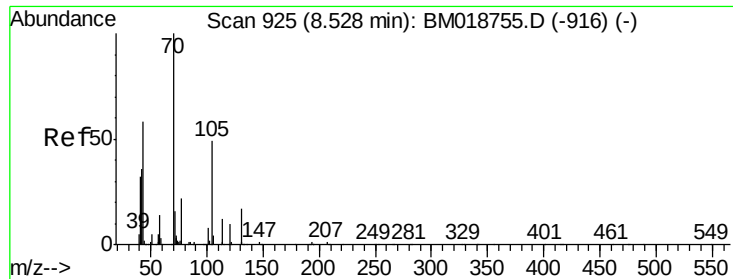
Sohil
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#18
Hexachloroethane
Concen: 43.030 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	380155		
119	96.1	77.9	116.9	
201	98.6	79.2	118.8	





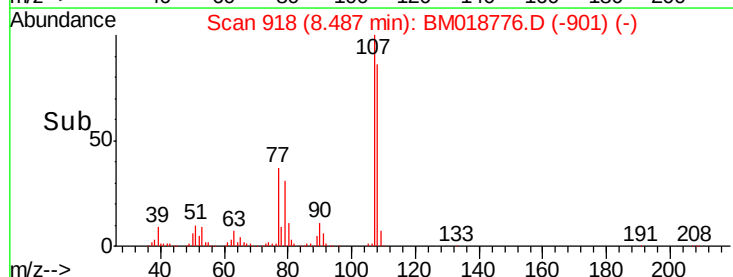
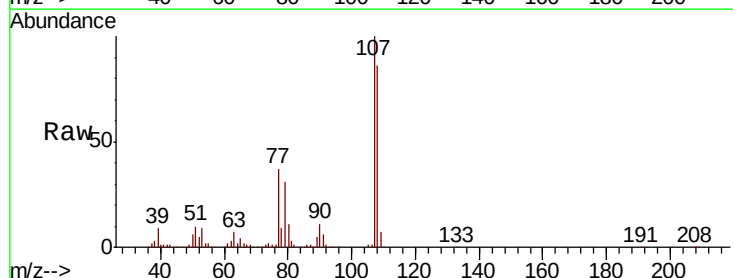
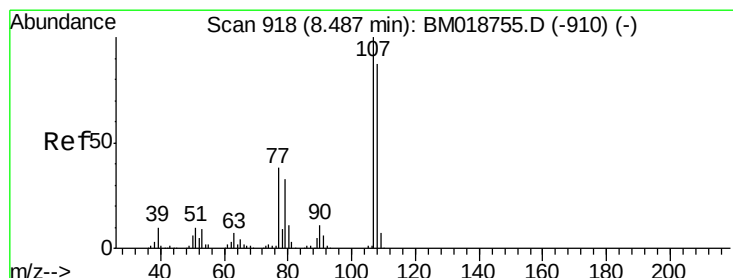
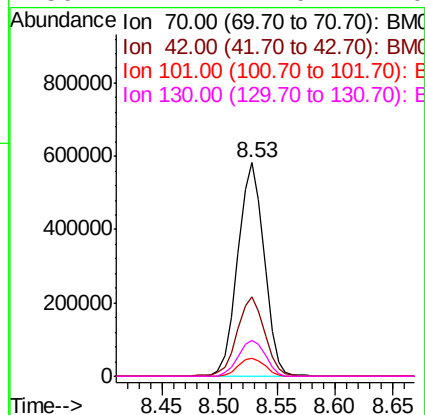
#19
n-Nitroso-di-n-propylamine
Concen: 44.043 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	36.9	29.4	44.0
101	8.6	6.7	10.1
130	17.1	14.0	21.0

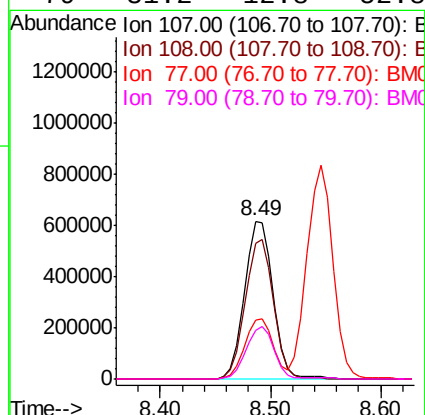
Manual Integrations
APPROVED

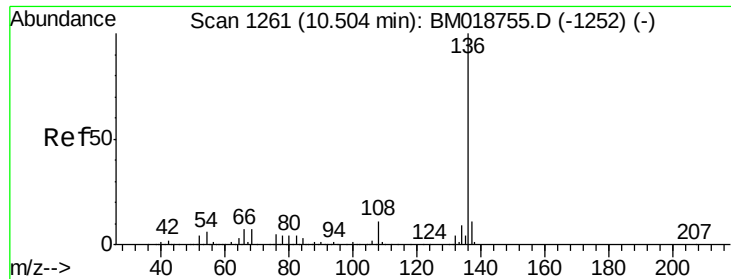
Sohil
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#20
3+4-Methylphenols
Concen: 44.442 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	67.3	107.3
77	37.3	18.0	58.0
79	31.2	12.8	52.8





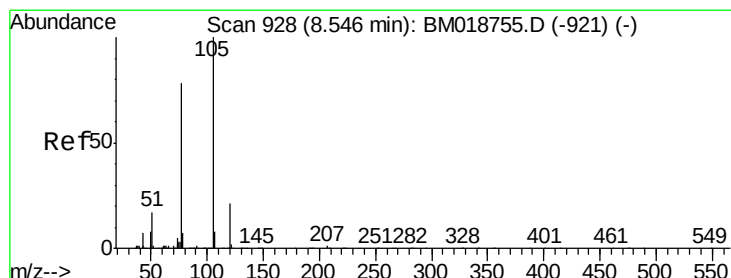
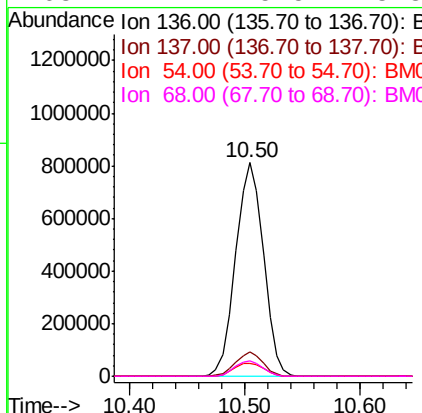
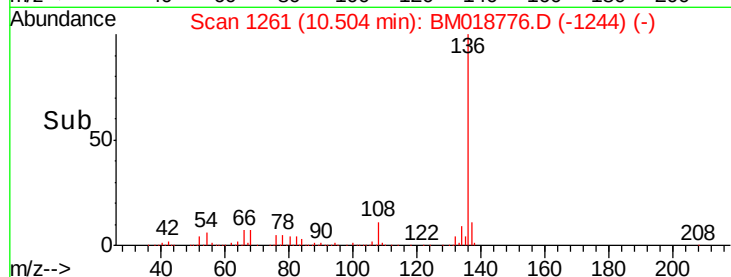
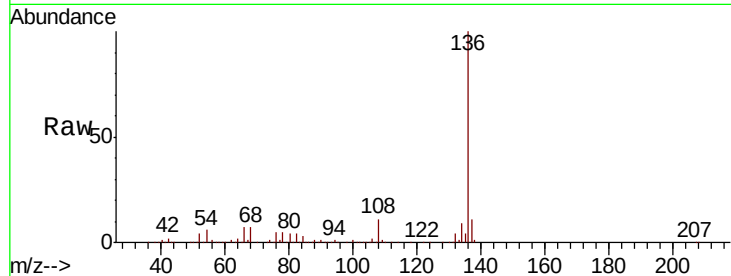
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	136	Resp	1356891
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	6.2	5.0	7.6
68	7.1	5.5	8.3

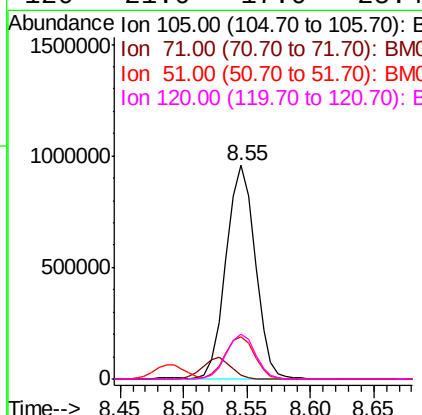
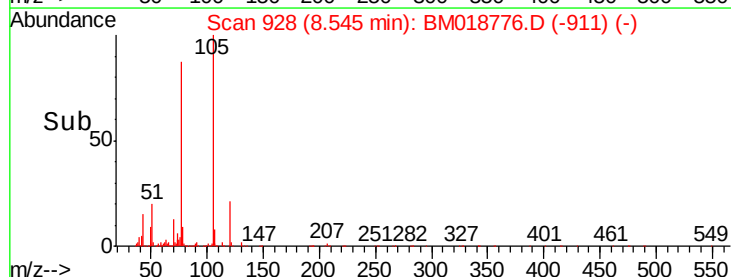
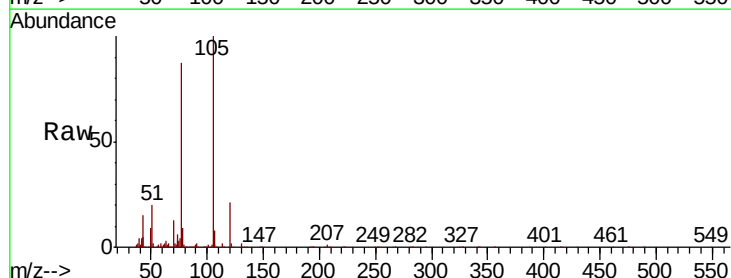
Manual Integrations
APPROVED

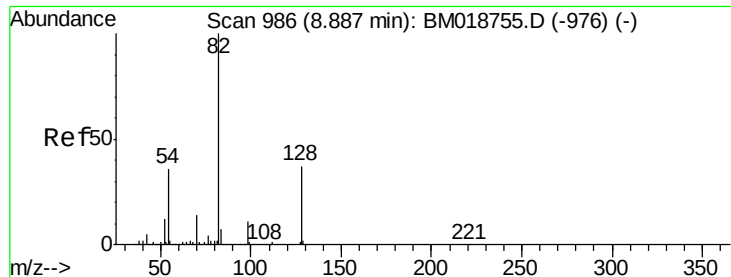
Sohil
2/13/2019 12:20:45 PM



#22
Acetophenone
Concen: 40.743 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	105	Resp	1518196
Ion Ratio	Lower	Upper	
105	100		
71	2.1	1.1	1.7#
51	19.9	15.5	23.3
120	21.0	17.0	25.4





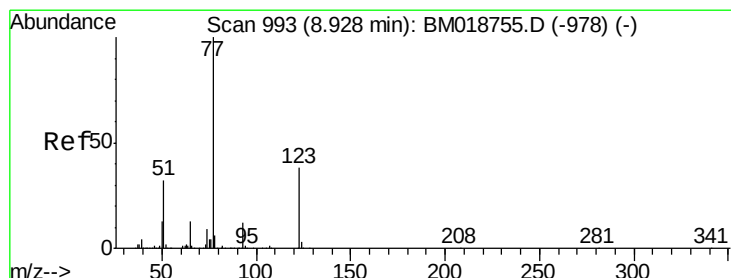
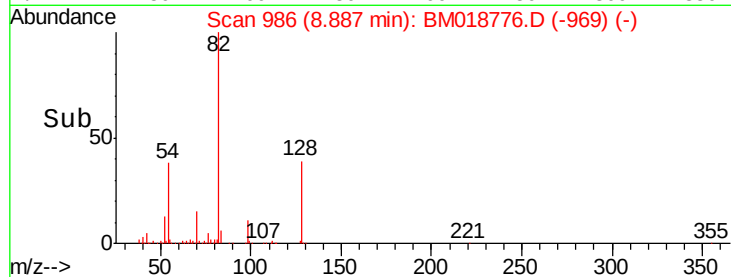
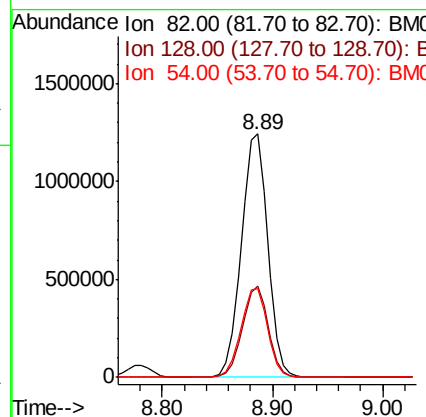
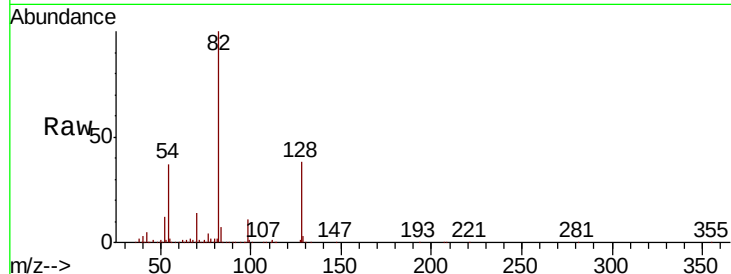
#23
 Nitrobenzene-d5
 Concen: 71.611 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tot Ion	82	Resp	2101446
Ion Ratio	Lower	Upper	
82	100		
128	37.6	29.9	44.9
54	36.6	29.1	43.7

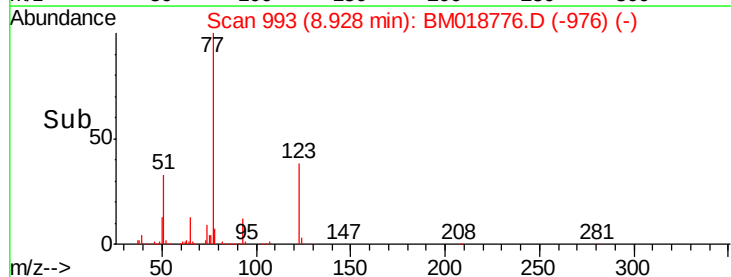
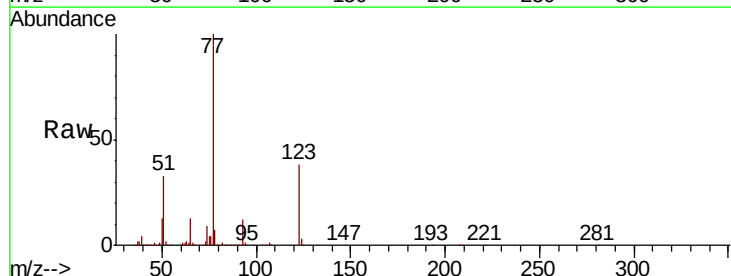
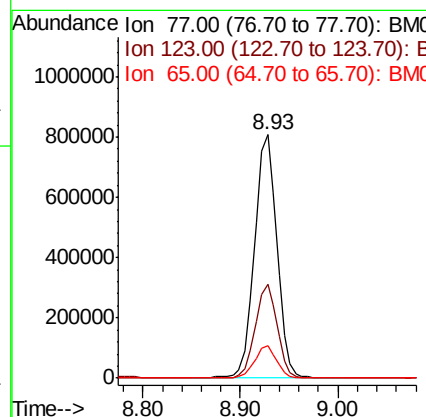
Manual Integrations
 APPROVED

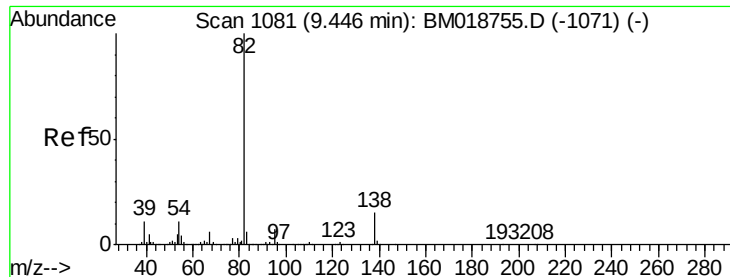
Sohil
 2/13/2019 12:20:45 PM



#24
 Nitrobenzene
 Concen: 42.258 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	77	Resp	1287199
Ion Ratio	Lower	Upper	
77	100		
123	38.4	30.7	46.1
65	13.1	10.5	15.7





#25

Isophorone

Concen: 49.495 ng

RT: 9.45 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

Tot Ion: 82 Resp: 2317529

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

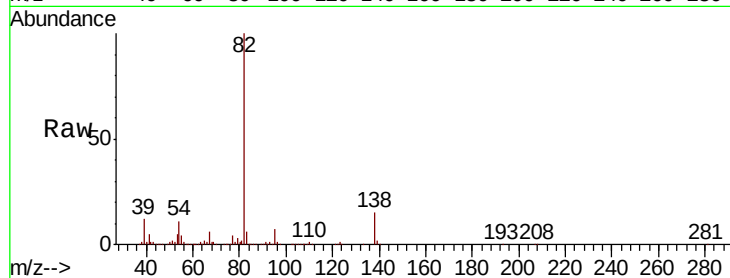
138 15.4 12.3 18.5

Manual Integrations

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Sohil

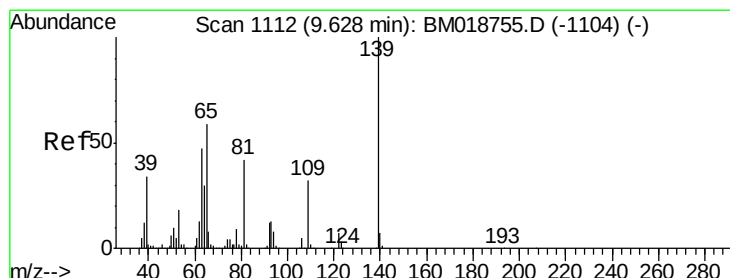
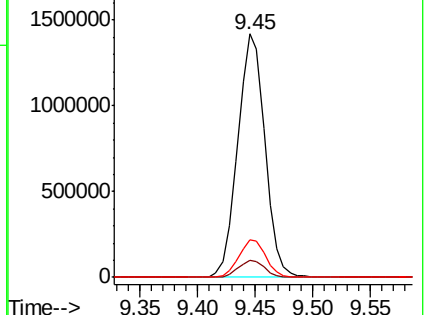
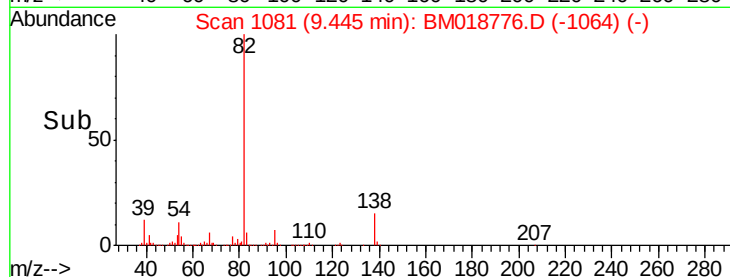
2/13/2019 12:20:45 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018776.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018776.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018776.D (-1064) (-)



#26

2-Nitrophenol

Concen: 43.464 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

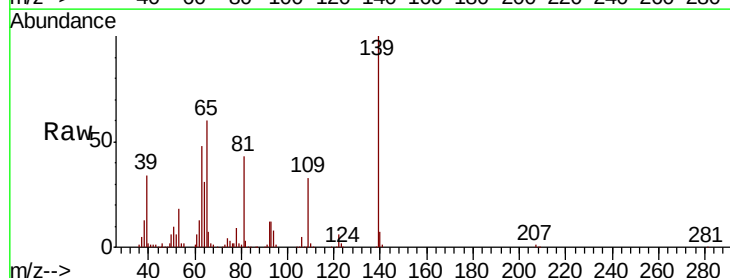
Tgt Ion: 139 Resp: 527241

Ion Ratio Lower Upper

139 100

109 32.7 25.2 37.8

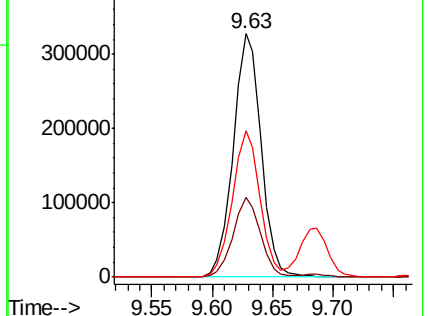
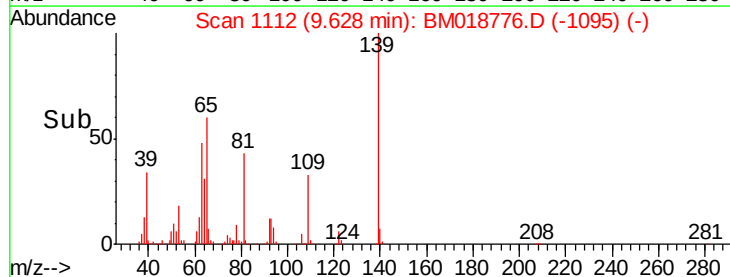
65 60.0 47.0 70.4

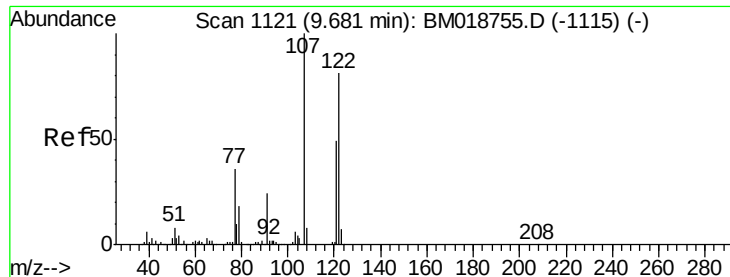


Abundance Ion 139.00 (138.70 to 139.70): BM018776.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018776.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018776.D (-1095) (-)





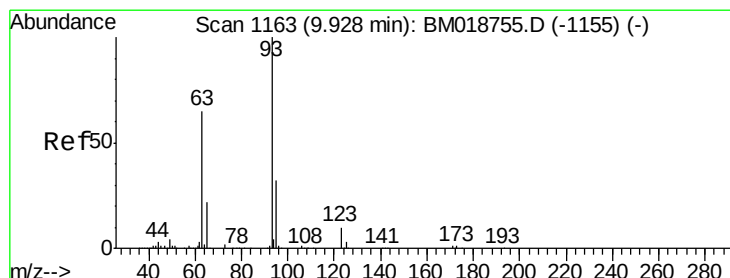
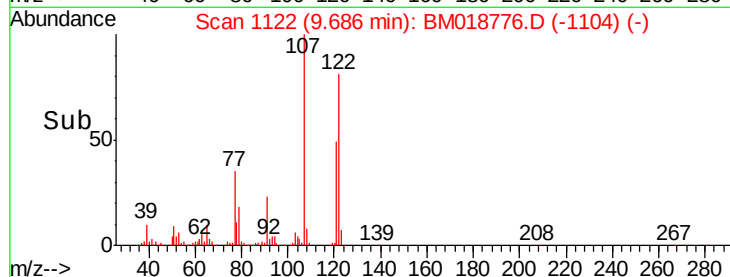
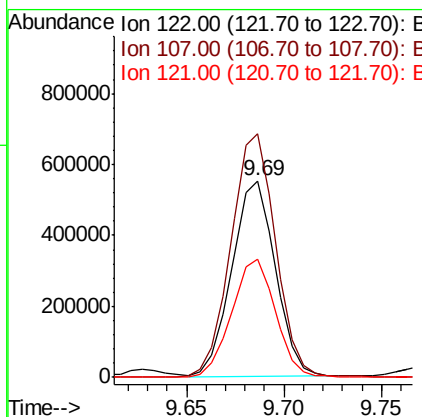
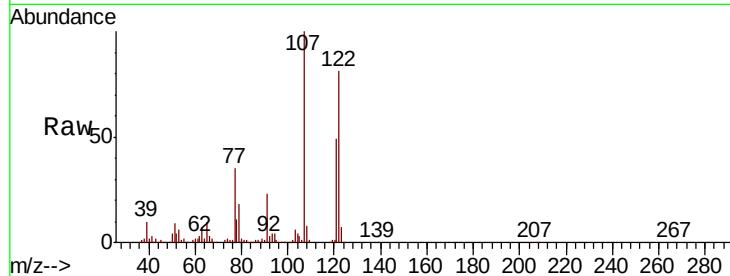
#27
2,4-Dimethylphenol
Concen: 48.206 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	97.6	146.4
121	60.4	47.9	71.9

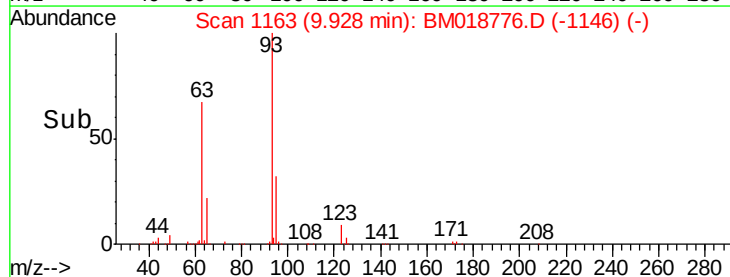
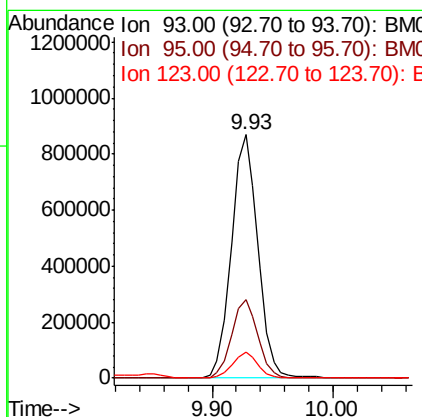
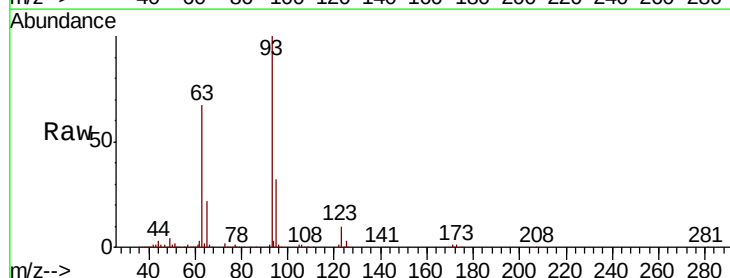
Manual Integrations
APPROVED

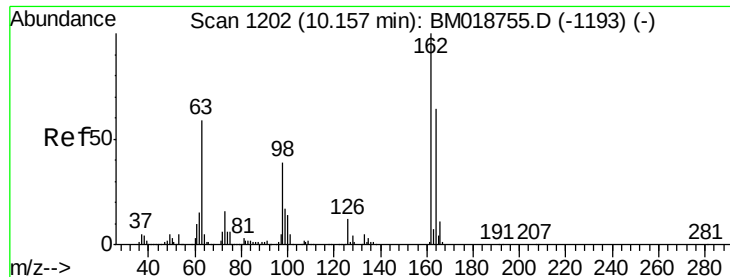
Sohil
2/13/2019 12:20:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.880 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.6	38.4
123	10.5	8.2	12.4





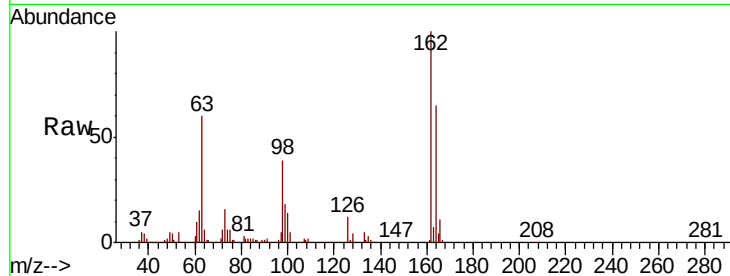
#29
2,4-Dichlorophenol
Concen: 44.004 ng
RT: 10.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	44.1	84.1
98	38.7	19.4	59.4

Manual Integrations
APPROVED

Sohil
2/13/2019 12:20:45 PM

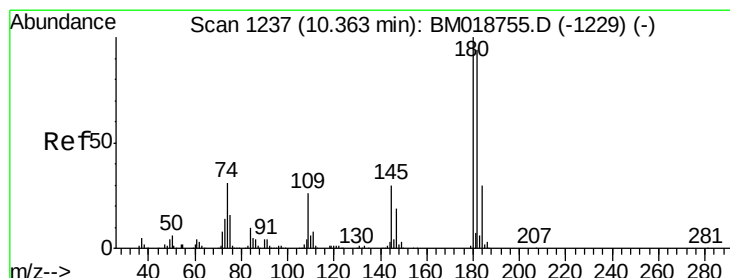
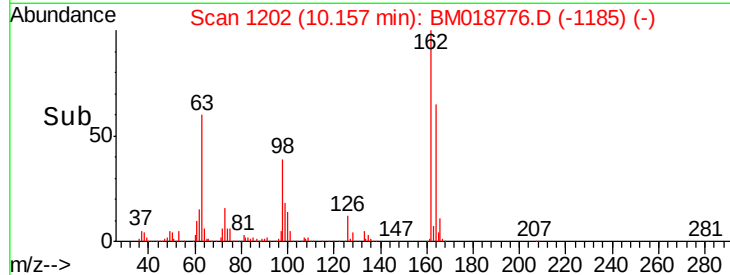
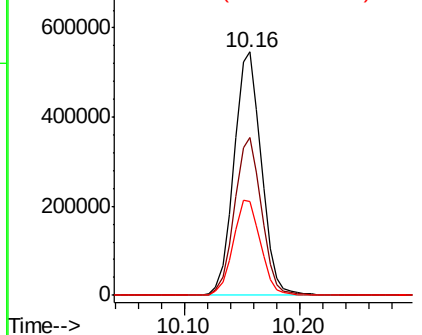


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 41.031 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

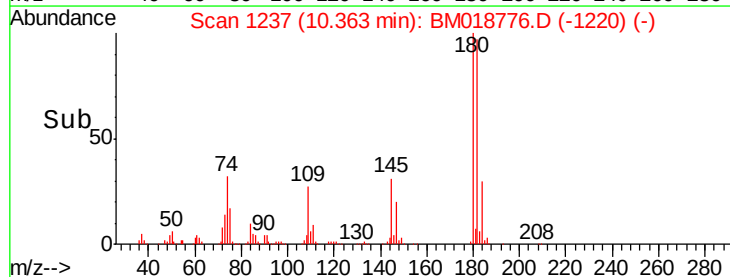
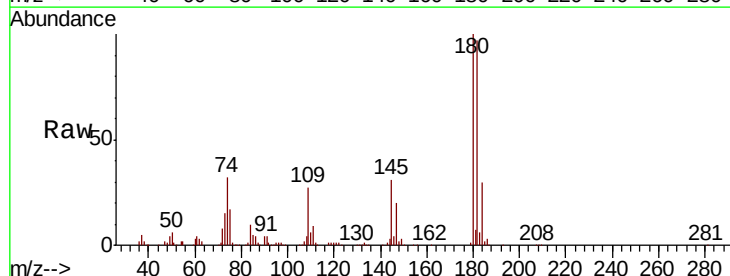
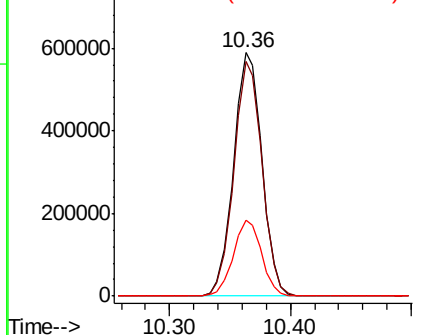
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.5	75.0	112.6
145	31.3	24.1	36.1

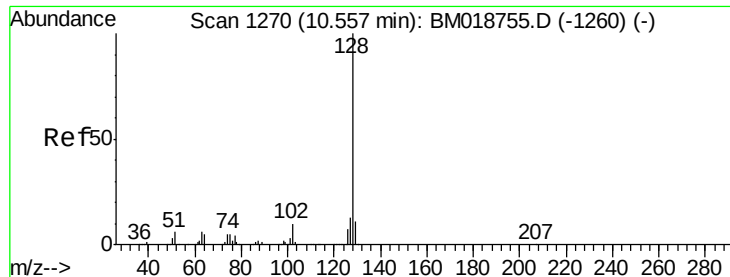
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





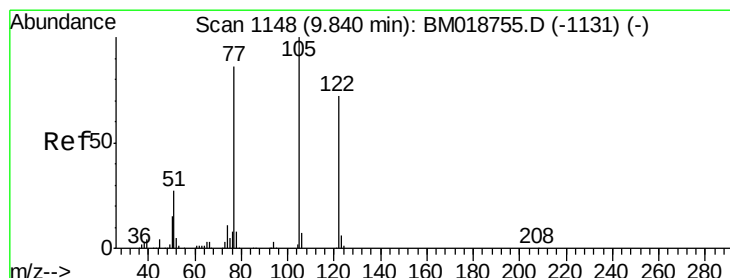
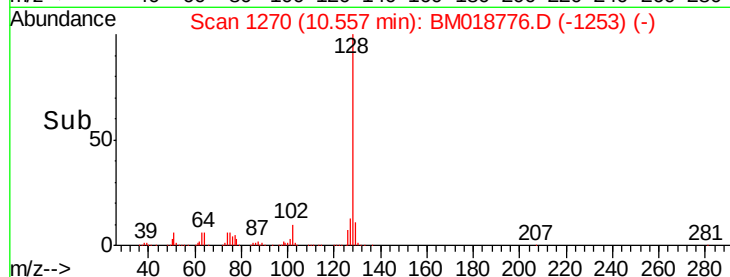
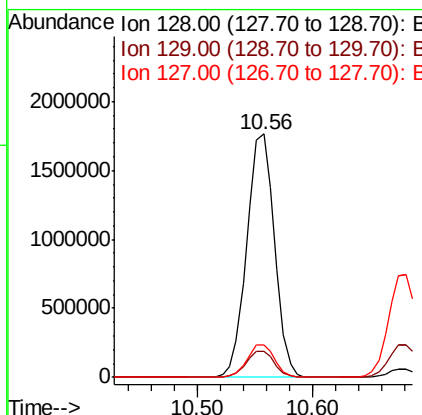
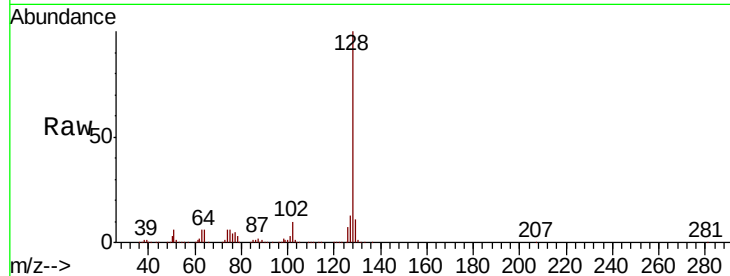
#31
Naphthalene
Concen: 44.704 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.5	10.7	16.1

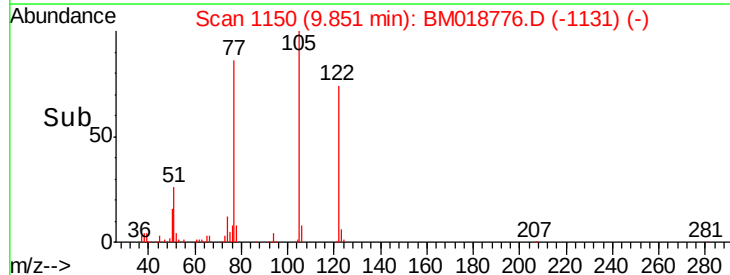
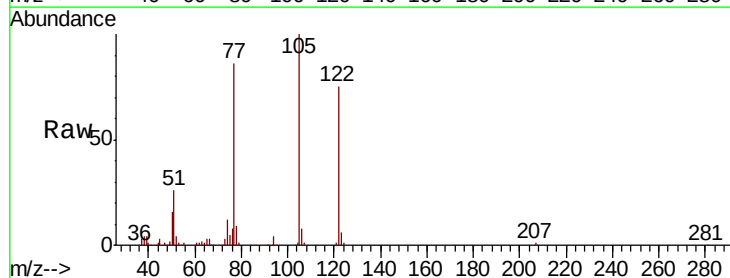
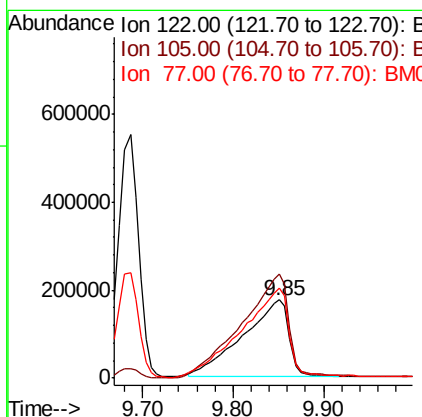
Manual Integrations
APPROVED

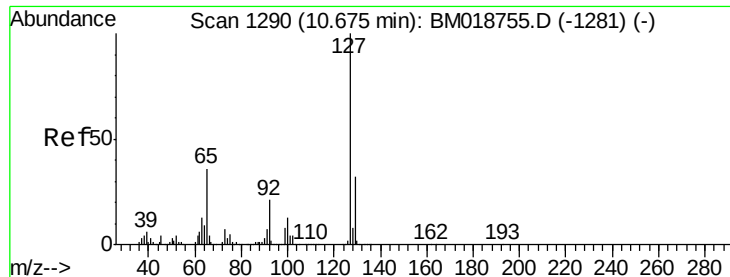
Sohil
2/13/2019 12:20:45 PM



#32
Benzoic acid
Concen: 39.265 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.7	117.5	157.5
77	114.2	98.5	138.5





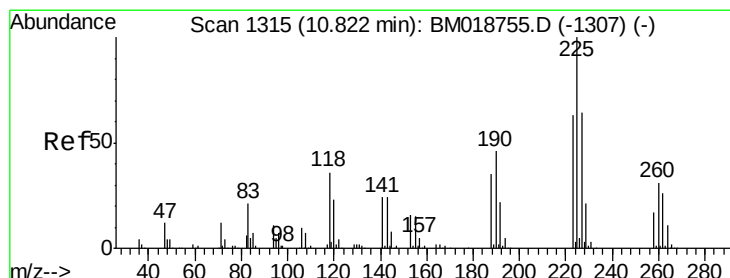
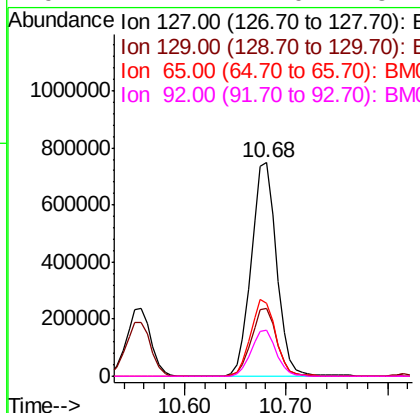
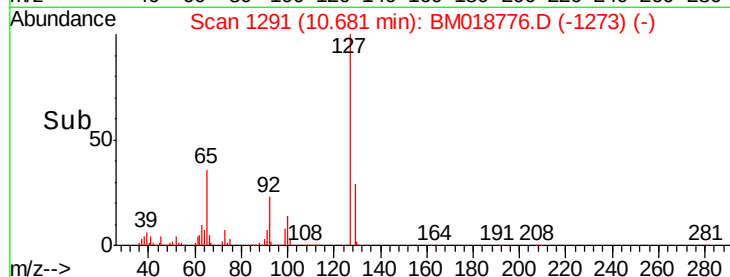
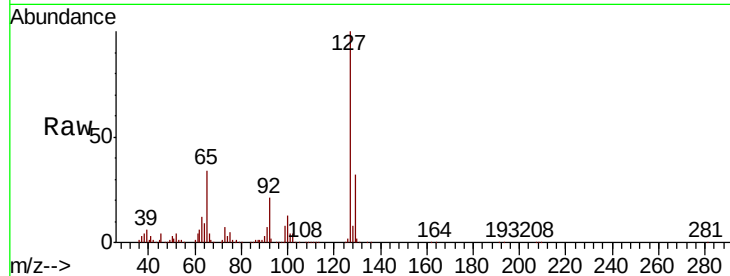
#33
4-Chloroaniline
Concen: 43.997 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampled :
PB117043BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.7	38.5		
65	34.3	28.7	43.1		
92	21.4	17.0	25.4		

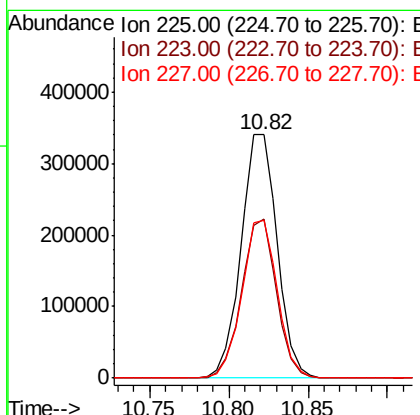
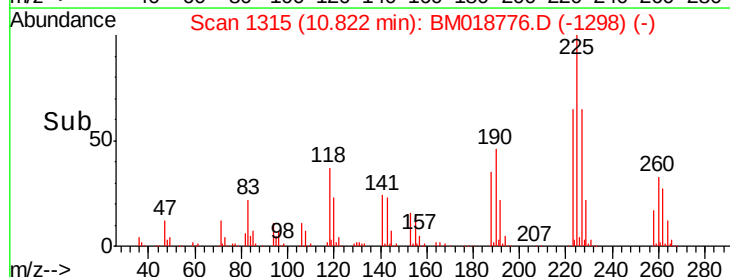
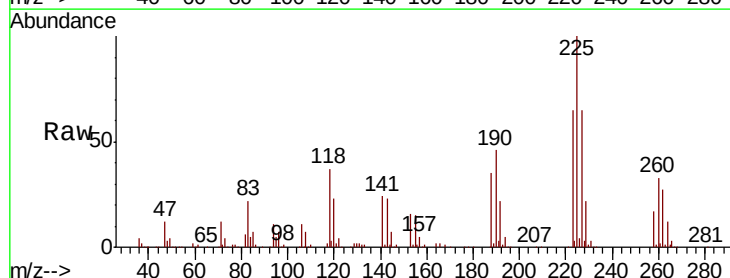
Manual Integrations
APPROVED

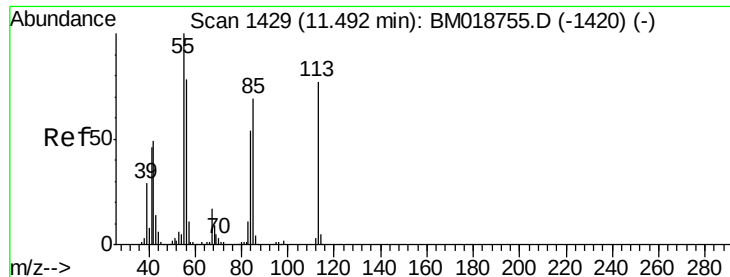
Sohil
2/13/2019 12:20:45 PM



#34
Hexachlorobutadiene
Concen: 39.457 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.4	50.1	75.1		
227	64.8	51.4	77.0		





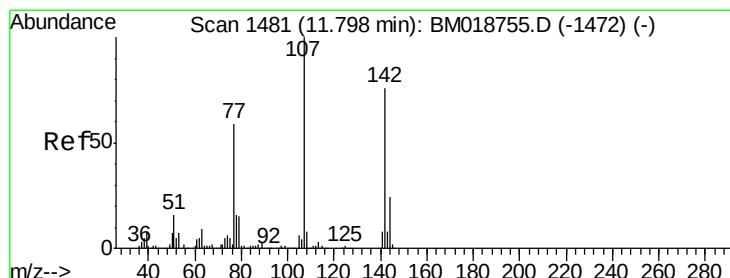
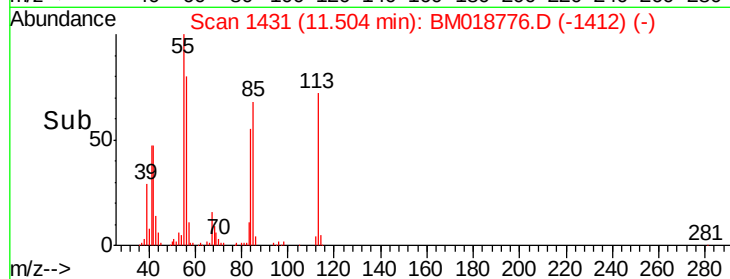
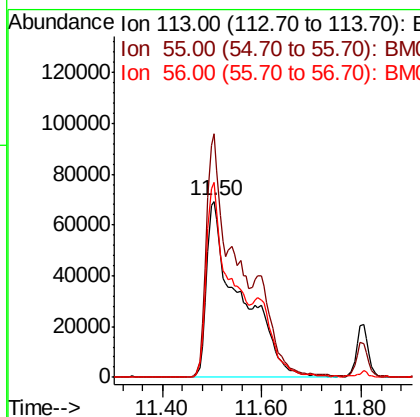
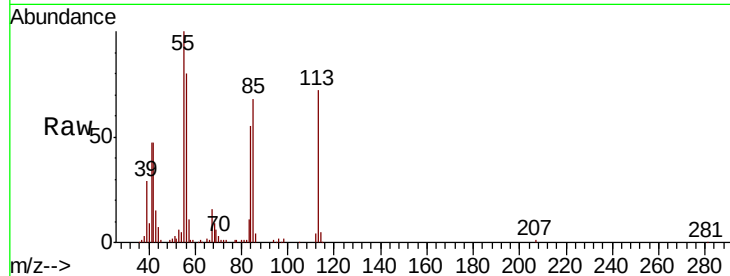
#35
Caprolactam
Concen: 39.064 ng/ml
RT: 11.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	138.3		110.7	150.7	
56	111.0		82.4	122.4	

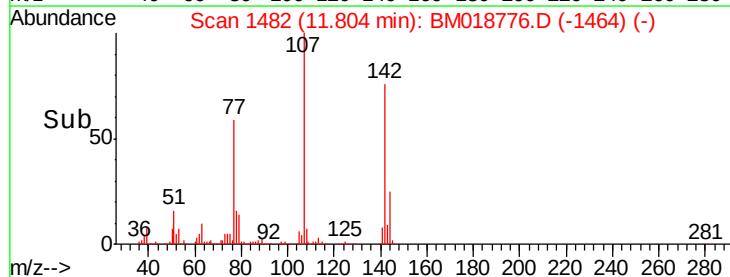
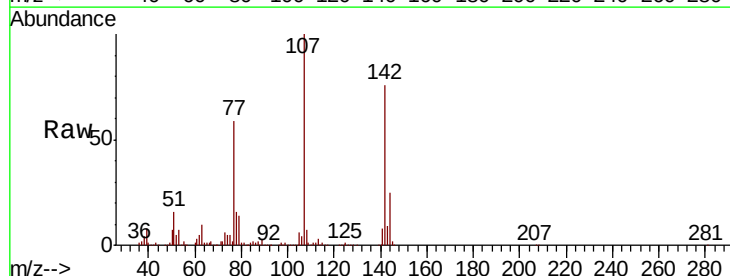
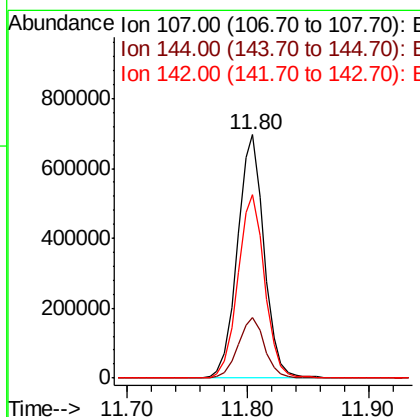
Manual Integrations
APPROVED

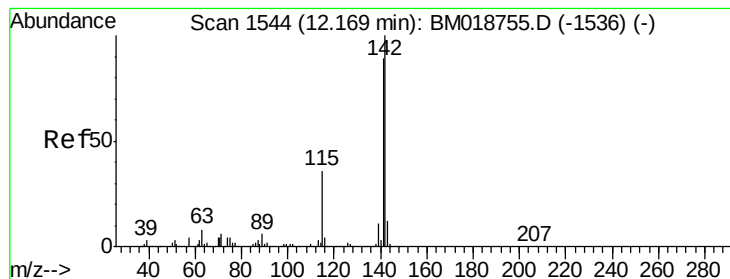
Sohil
2/13/2019 12:20:45 PM



#36
4-Chloro-3-methylphenol
Concen: 43.661 ng/ml
RT: 11.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.8		19.3	28.9	
142	75.5		60.5	90.7	





#37

2-Methylnaphthalene

Concen: 46.946 ng

RT: 12.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

Tot Ion:142 Resp: 2187317

Ion Ratio Lower Upper

142 100

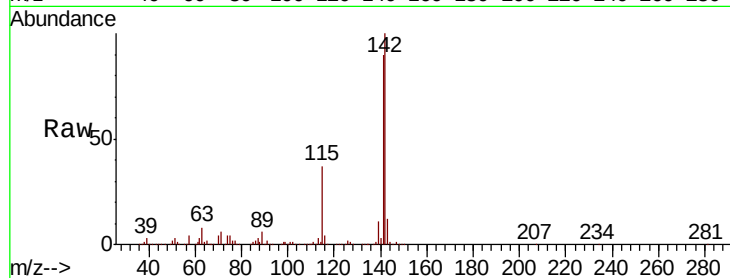
141 90.1 71.2 106.8

115 36.7 29.1 43.7

Manual Integrations
APPROVED

Sohil

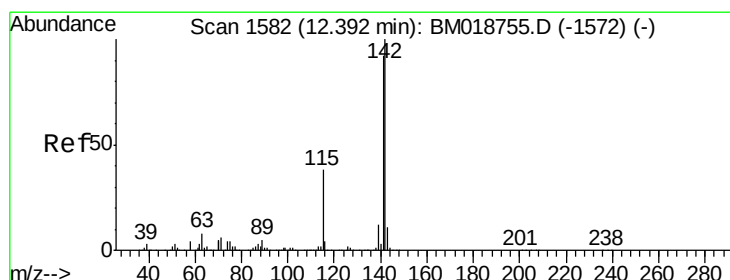
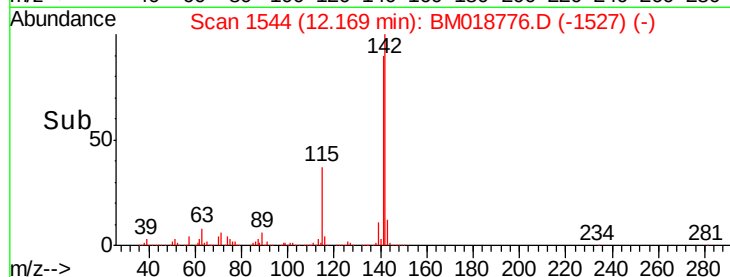
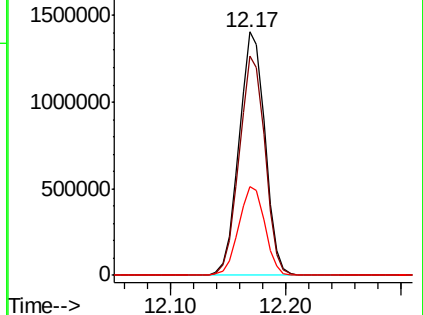
2/13/2019 12:20:45 PM



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: 45.815 ng

RT: 12.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

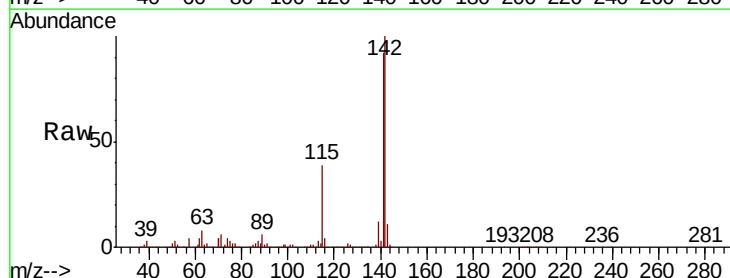
Tgt Ion:142 Resp: 2087381

Ion Ratio Lower Upper

142 100

141 92.3 73.9 110.9

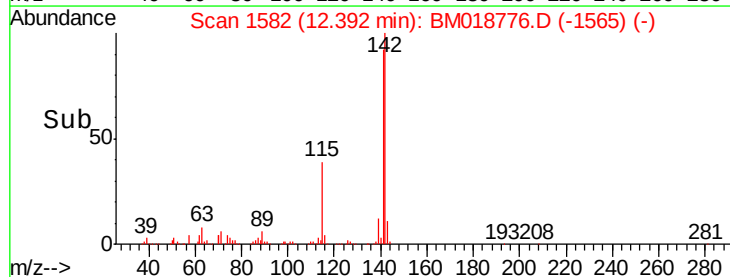
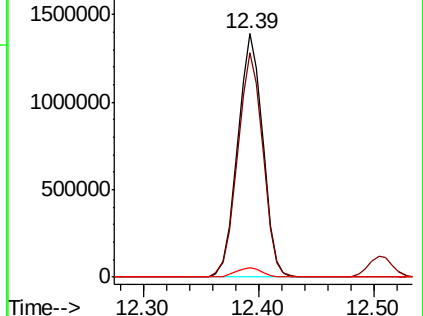
116 4.0 3.0 4.4

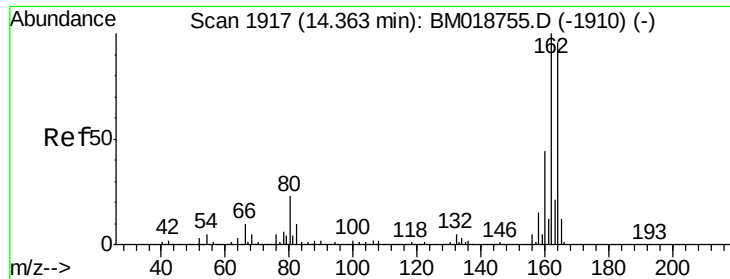


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





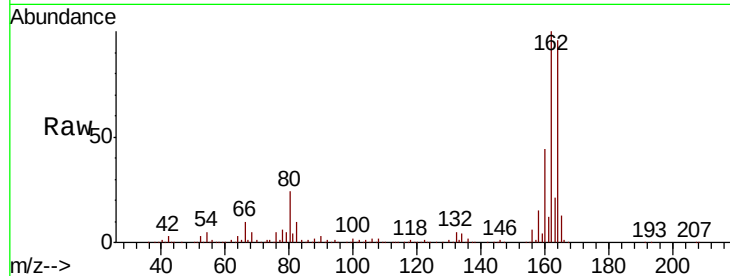
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	83.4	125.0	
160	45.5	36.6	55.0	

Manual Integrations
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Sohil
2/13/2019 12:20:45 PM

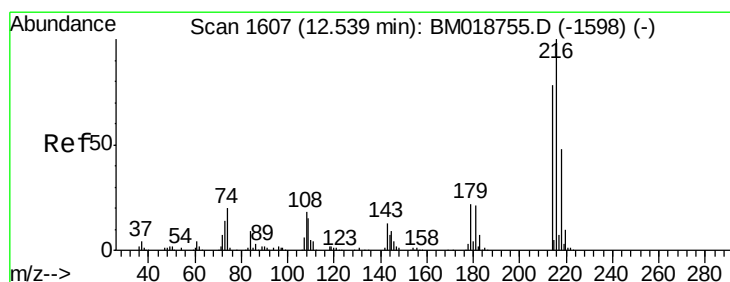
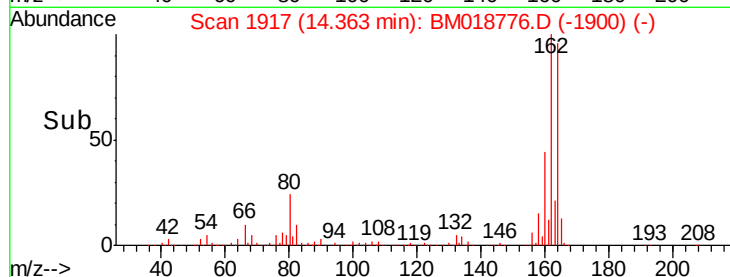
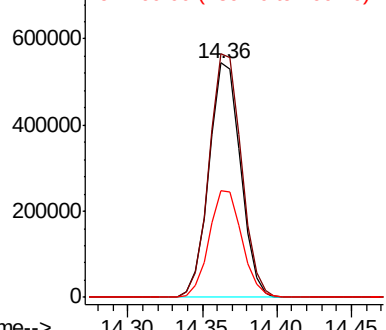


Abundance

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: 41.162 ng
RT: 12.54 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.2	94.8	
179	22.5	17.8	26.8	
108	23.6	16.4	24.6	

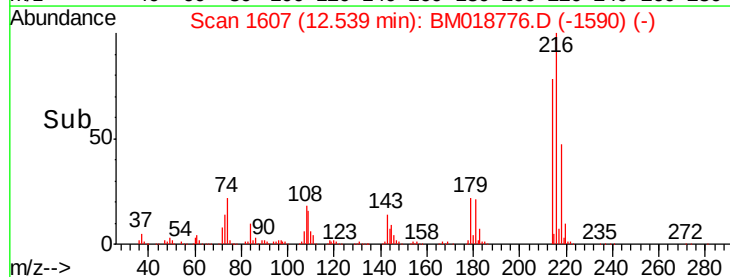
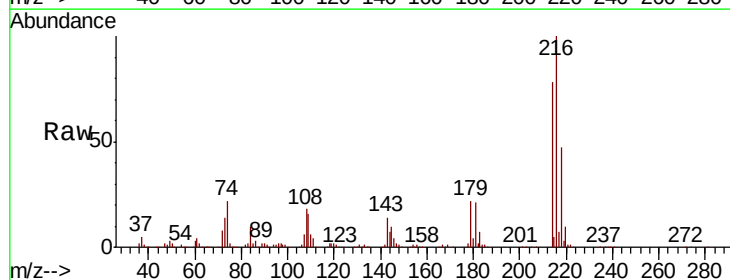
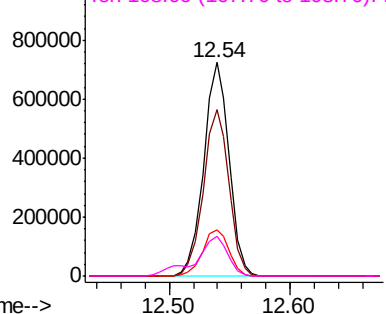
Abundance

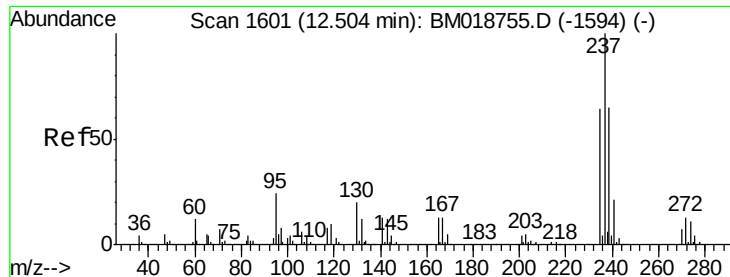
Ion 216.00 (215.70 to 216.70): E

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: 107.300 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

Tot Ion:237 Resp: 1402849

Ion Ratio Lower Upper

237 100

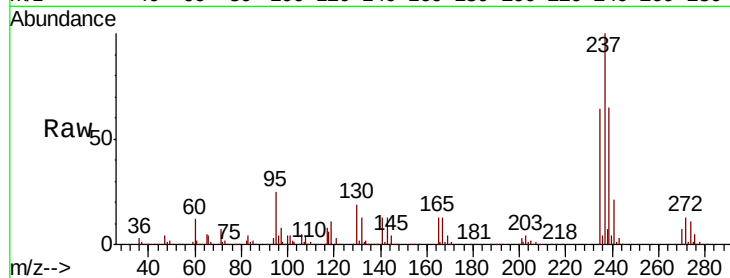
235 64.0 43.7 83.7

272 13.4 0.0 33.3

Manual Integrations
APPROVED

Sohil

2/13/2019 12:20:45 PM

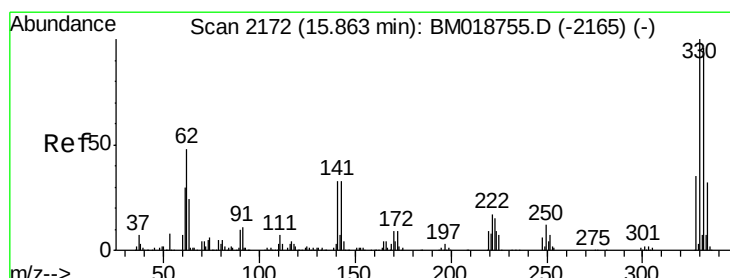
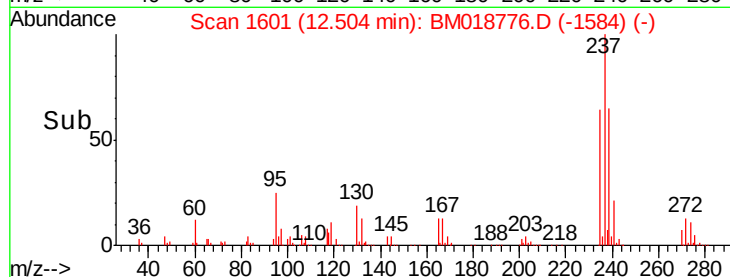
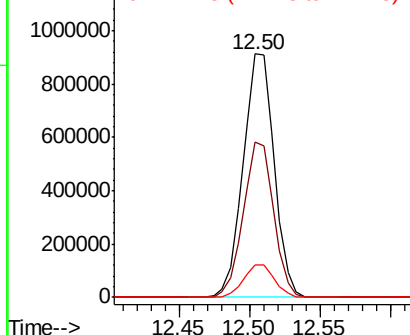


Abundance

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: 159.570 ng

RT: 15.87 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

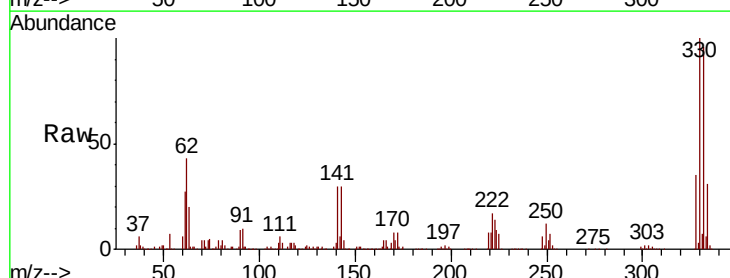
Tgt Ion:330 Resp: 1838722

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 34.7 28.7 43.1

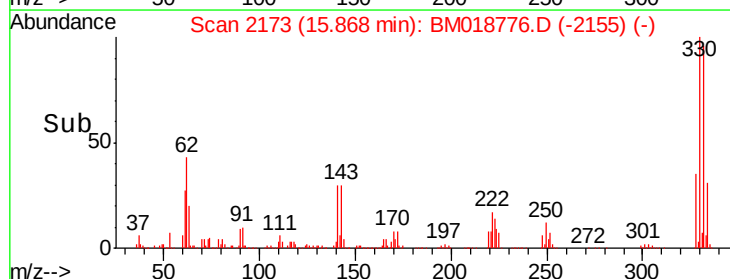
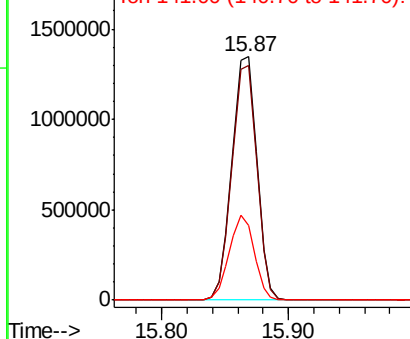


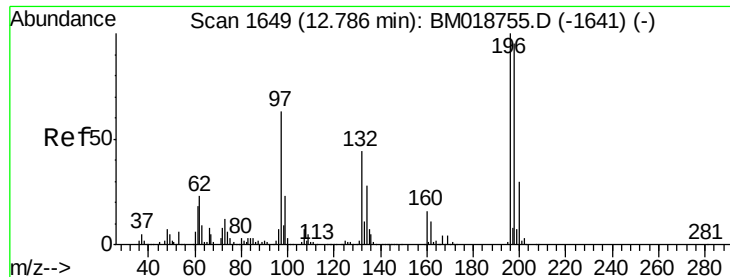
Abundance

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





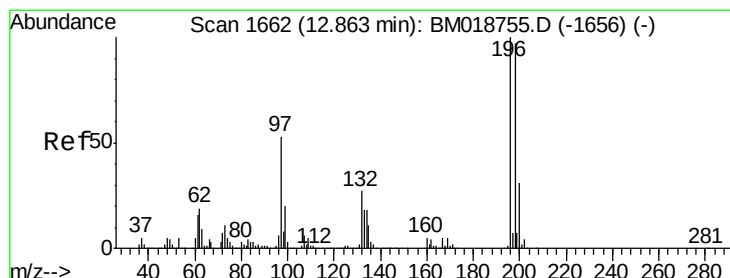
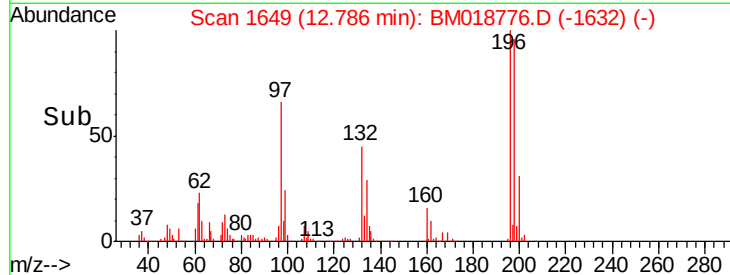
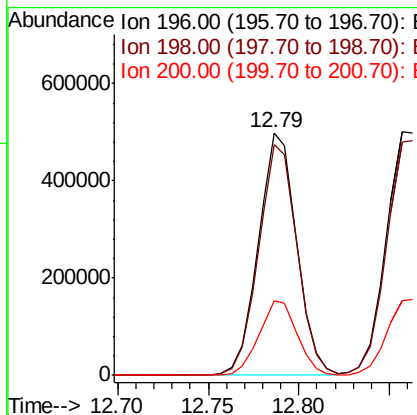
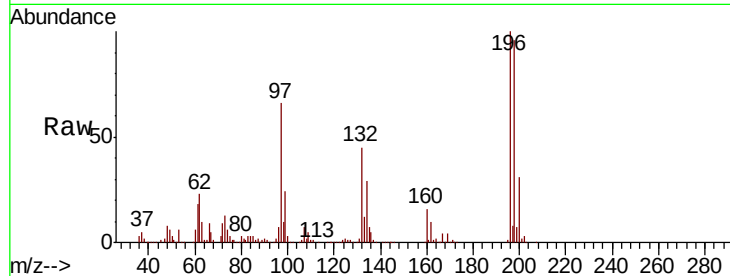
#43
 2,4,6-Trichlorophenol
 Concen: 43.184 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tot Ion:	196	Resp:	731040
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.2	114.2
200	30.6	24.2	36.2

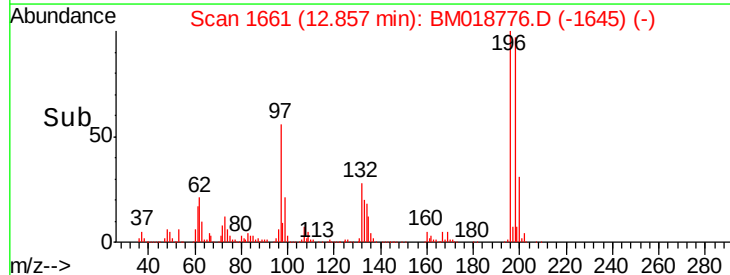
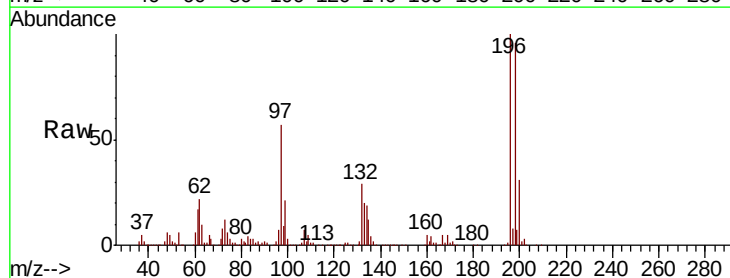
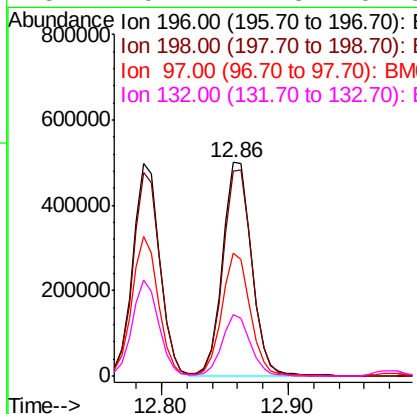
Manual Integrations
 APPROVED

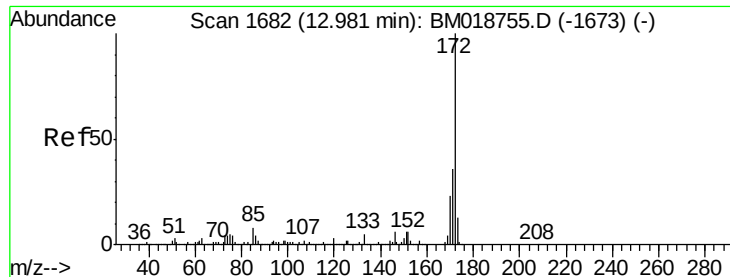
Sohil
 2/13/2019 12:20:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.640 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:	196	Resp:	792070
Ion Ratio	Lower	Upper	
196	100		
198	96.1	77.6	116.4
97	57.5	42.8	64.2
132	29.1	21.8	32.8





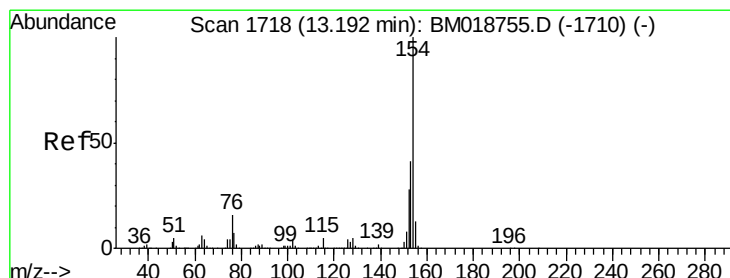
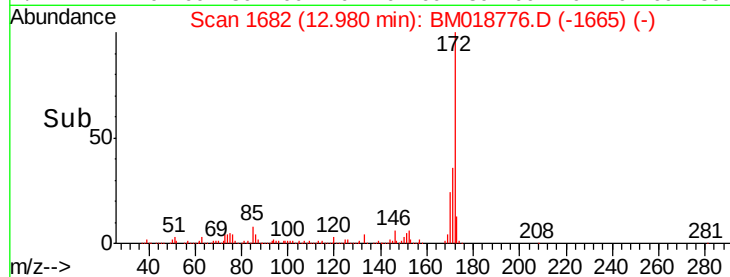
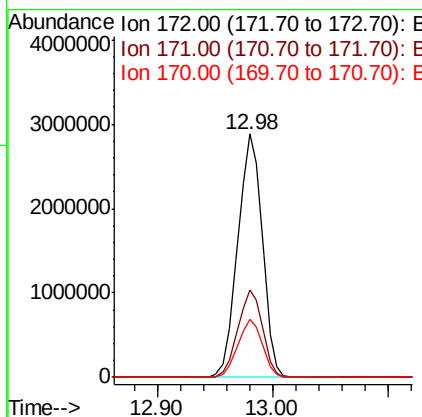
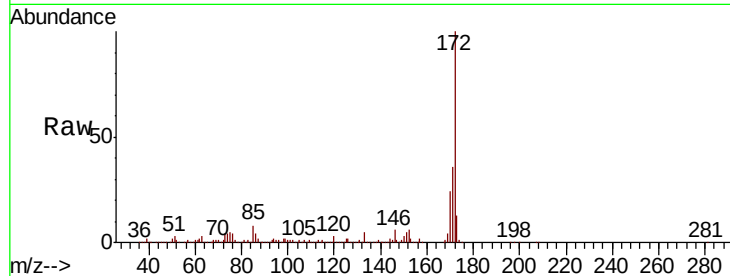
#45
2-Fluorobiphenyl
Concen: 70.521 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.7	18.6	28.0

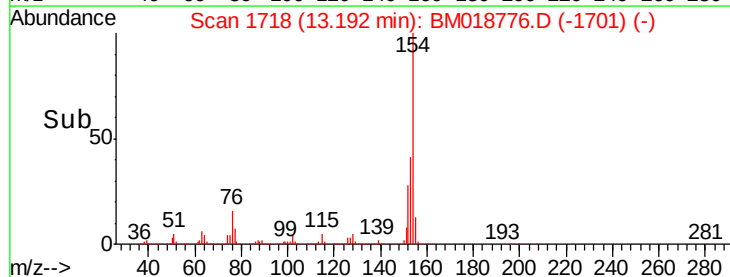
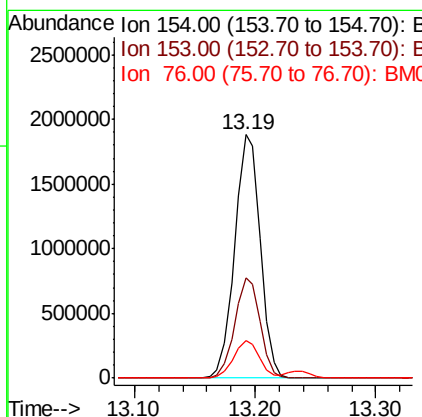
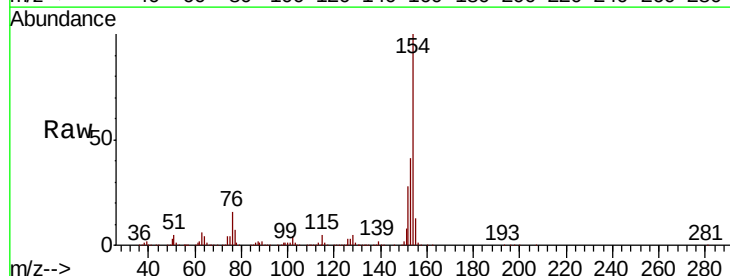
Manual Integrations
APPROVED

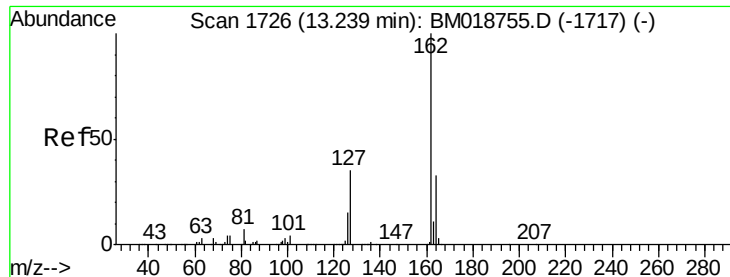
Sohil
2/13/2019 12:20:45 PM



#46
1,1'-Biphenyl
Concen: 40.249 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.1	61.1
76	15.7	0.0	35.7





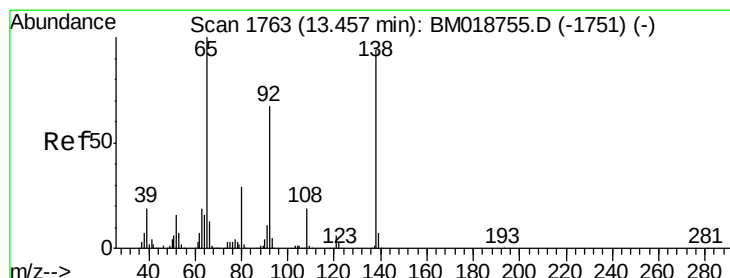
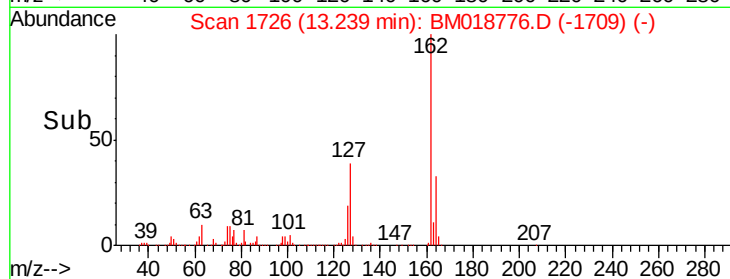
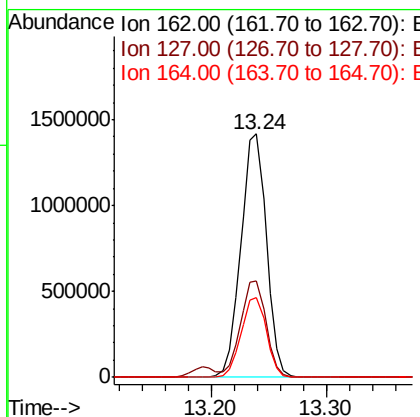
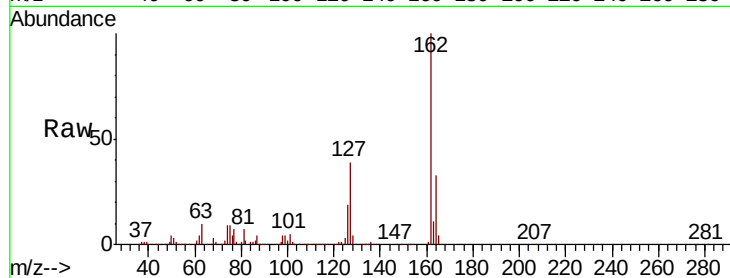
#47
 2-Chloronaphthalene
 Concen: 40.782 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.1	46.7
164	32.7	26.4	39.6

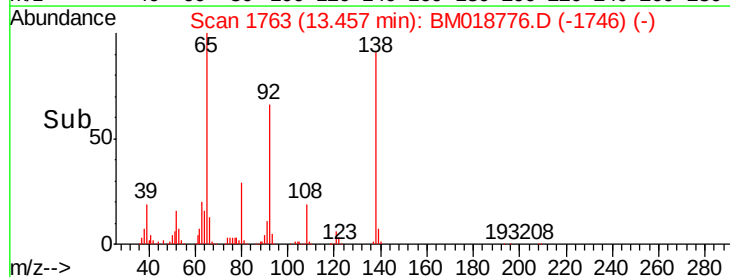
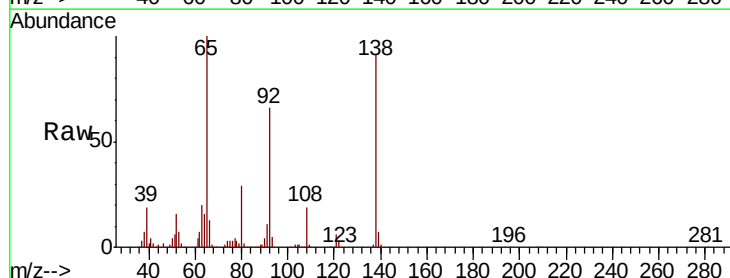
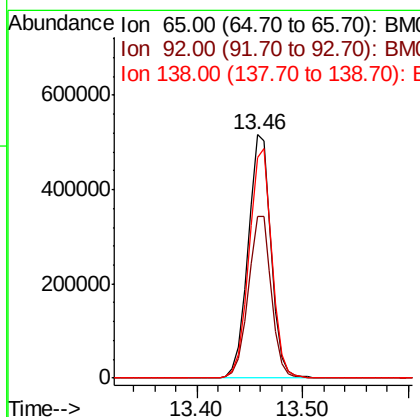
Manual Integrations
 APPROVED

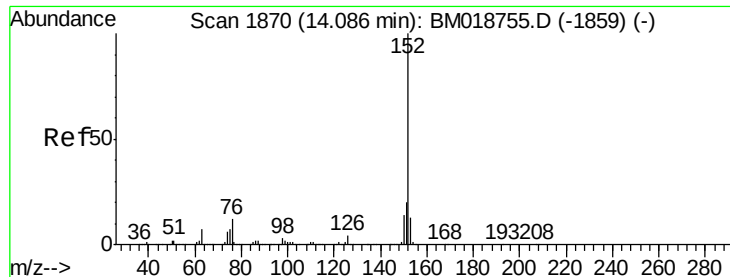
Sohil
 2/13/2019 12:20:45 PM



#48
 2-Nitroaniline
 Concen: 44.549 ng
 RT: 13.46 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	54.0	81.0
138	90.7	74.9	112.3





#49

Acenaphthylene

Concen: 45.457 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

Tot Ion:152 Resp: 3597343

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

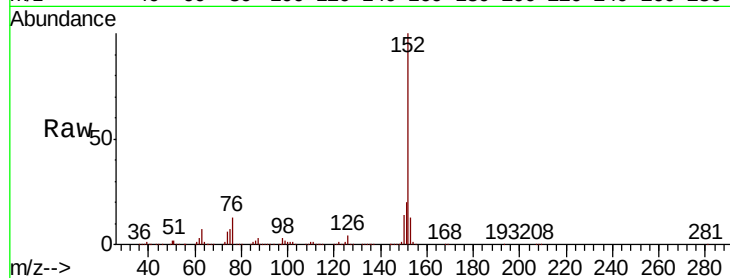
153 13.1 10.5 15.7

Manual Integrations

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Sohil

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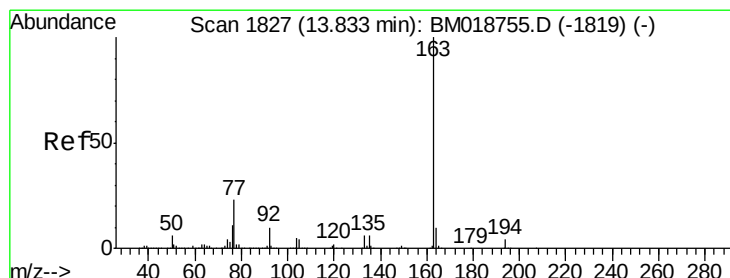
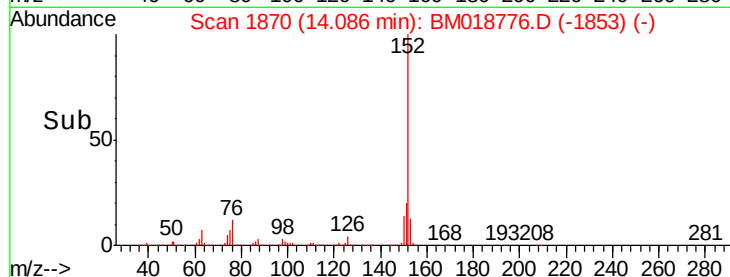
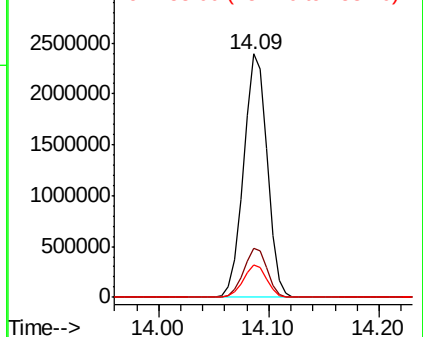


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.325 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

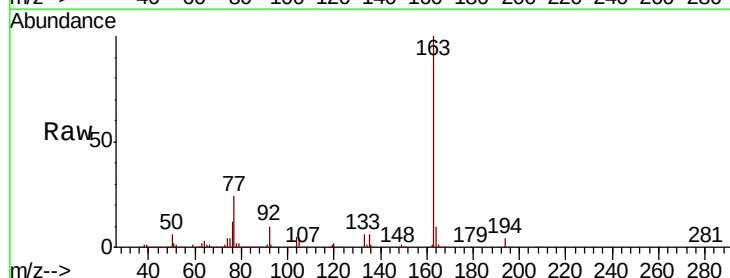
Tgt Ion:163 Resp: 2886357

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.3 7.8 11.8

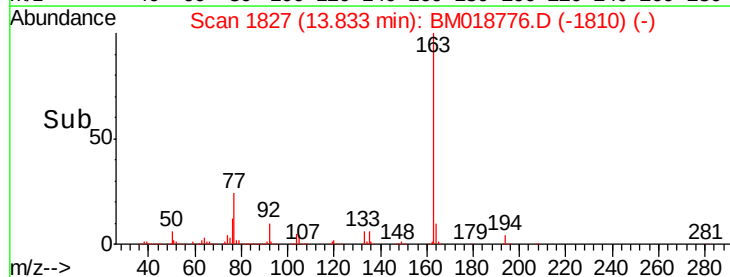
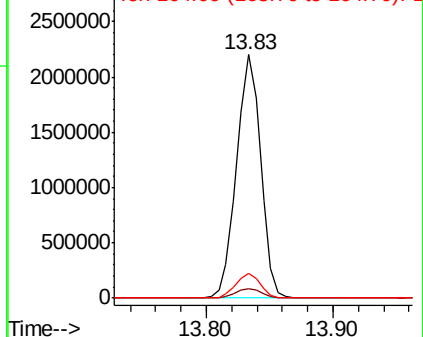


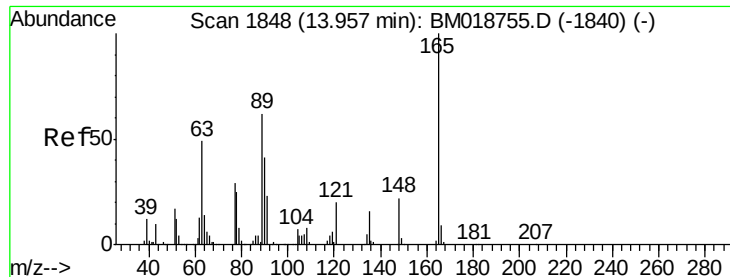
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





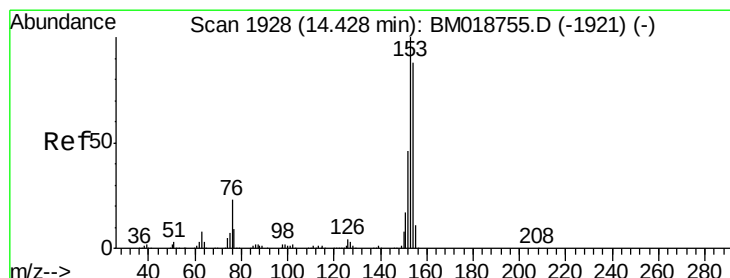
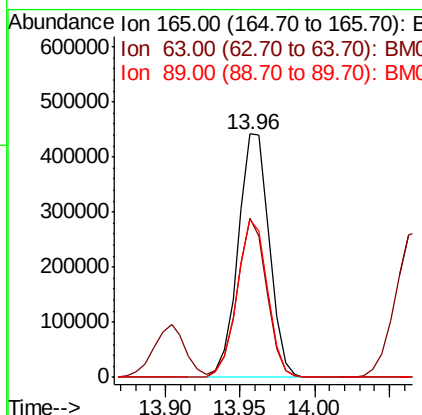
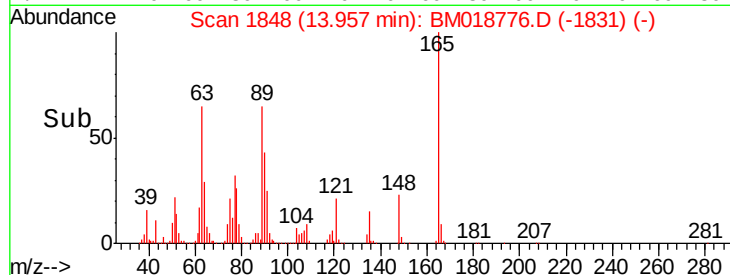
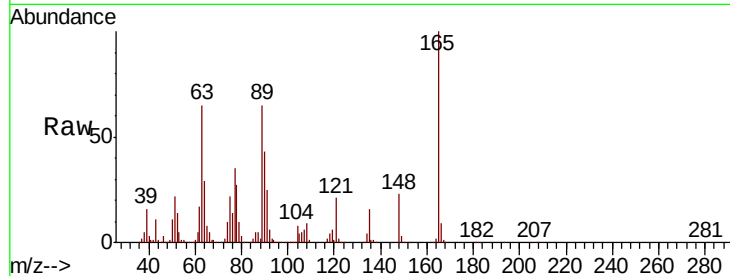
#51
 2,6-Dinitrotoluene
 Concen: 44.168 ng
 RT: 13.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tot Ion:	165	Resp:	637412
Ion Ratio	Lower	Upper	
165	100		
63	65.4	48.9	73.3
89	64.6	49.4	74.0

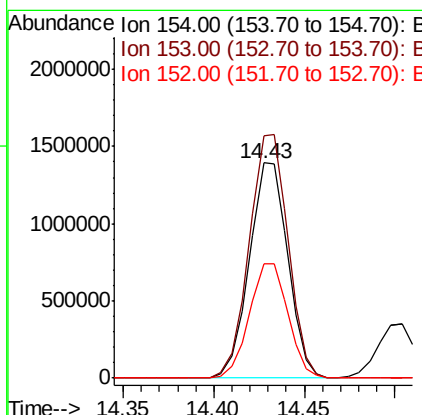
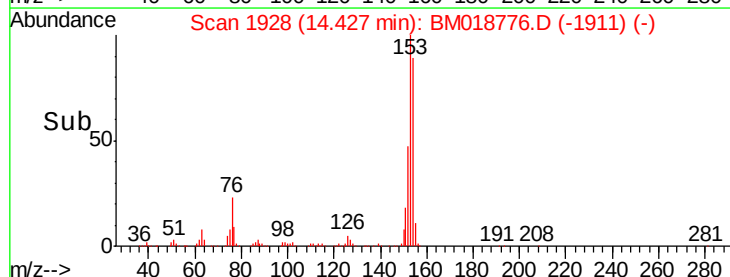
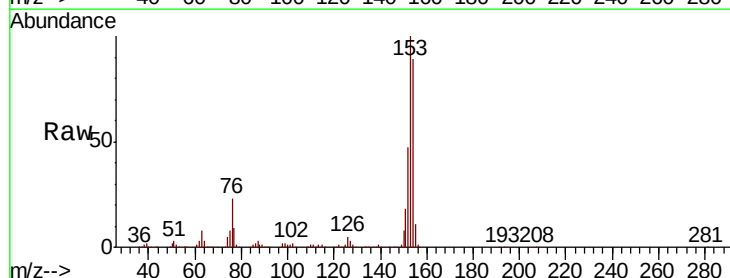
Manual Integrations
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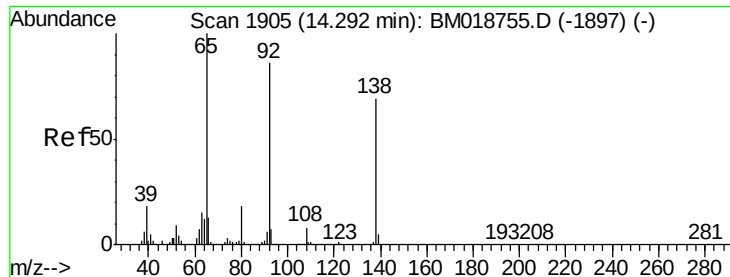
Sohil
 2/13/2019 12:20:45 PM



#52
 Acenaphthene
 Concen: 42.460 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:	154	Resp:	2060401
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.3	136.9
152	53.0	42.2	63.4





#53

3-Nitroaniline

Concen: 42.102 ng

RT: 14.29 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

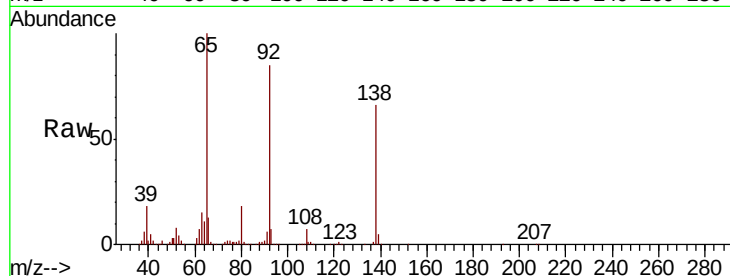
ClientSampleId :

PB117043BS

Tot Ion:	138	Resp:	686525
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.1	13.7
92	128.7	99.7	149.5

Manual Integrations
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2/13/2019 12:20:45 PM

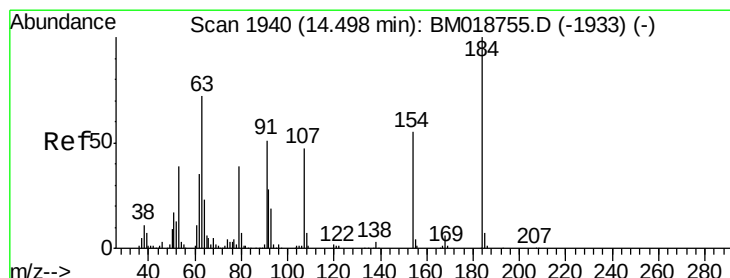
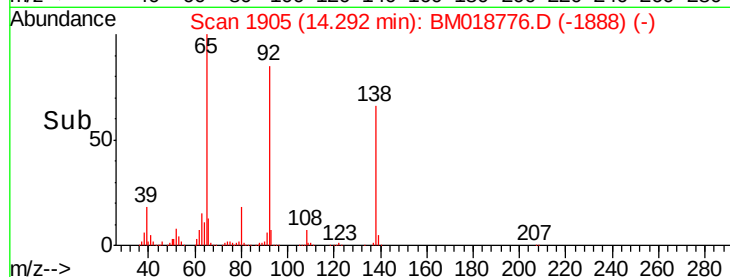
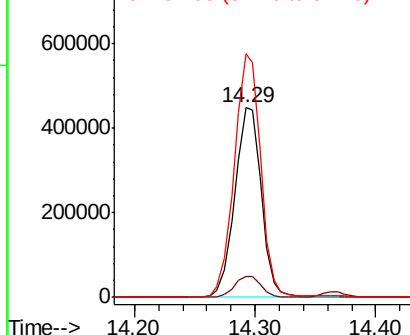


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 87.484 ng

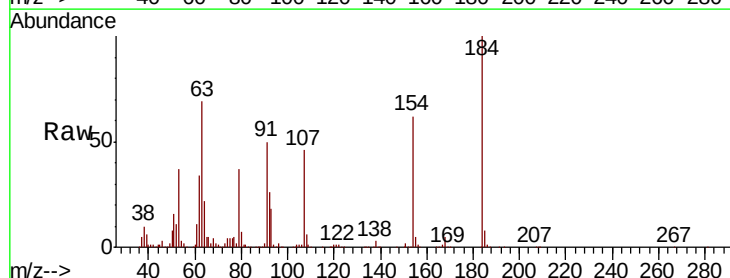
RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	184	Resp:	806428
Ion Ratio	Lower	Upper	
184	100		
63	69.0	58.0	87.0
154	61.9	50.3	75.5

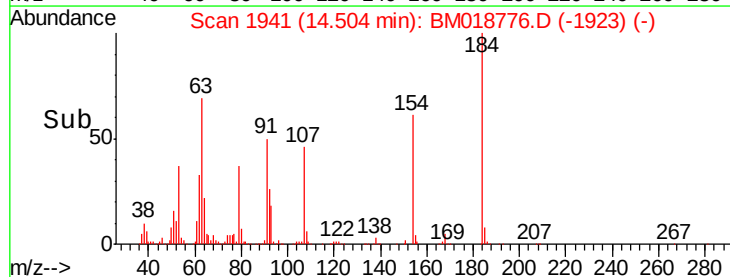
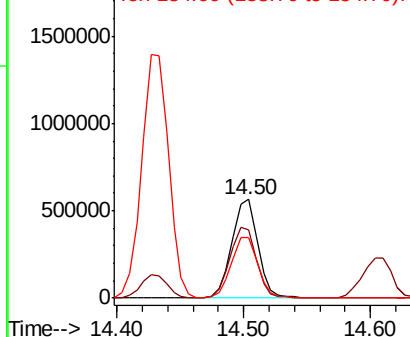


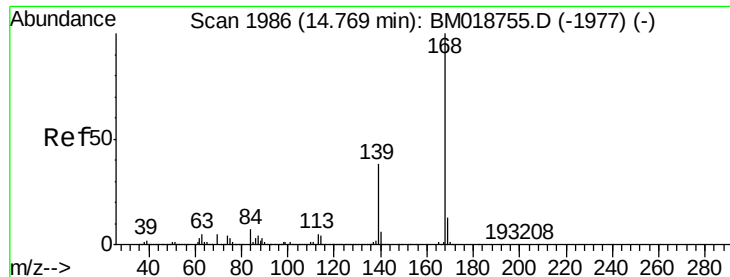
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





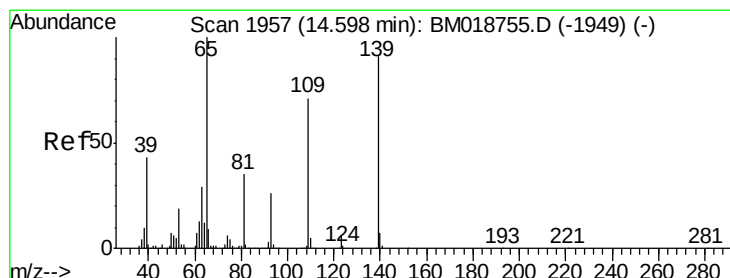
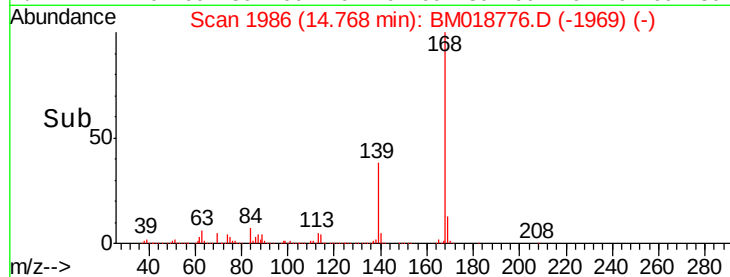
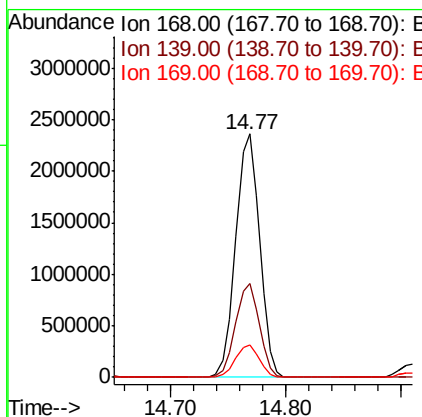
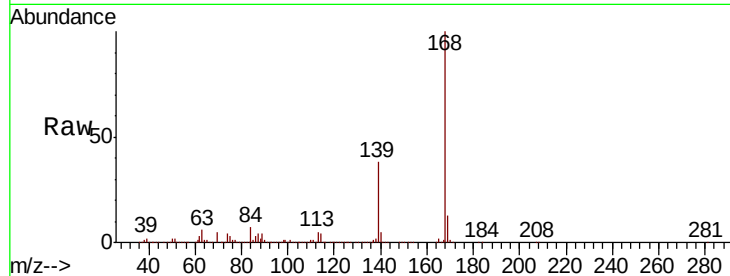
#55
Dibenzofuran
Concen: 42.448 ng
RT: 14.77 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion:168 Resp: 3385577
Ion Ratio Lower Upper
168 100
139 38.3 30.7 46.1
169 13.5 10.3 15.5

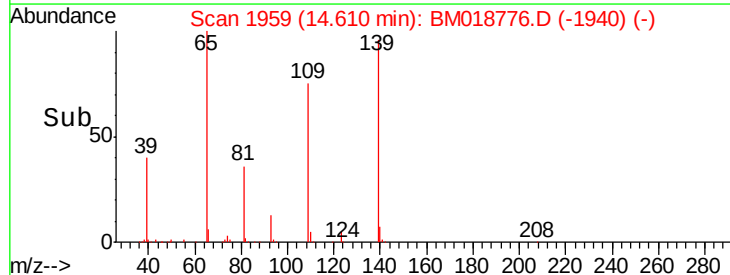
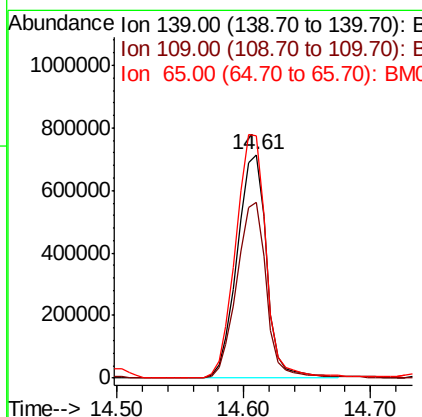
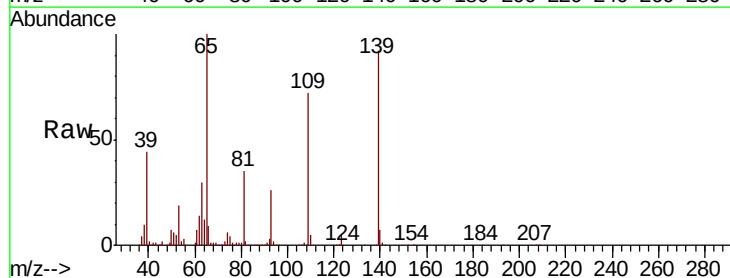
Manual Integrations
APPROVED

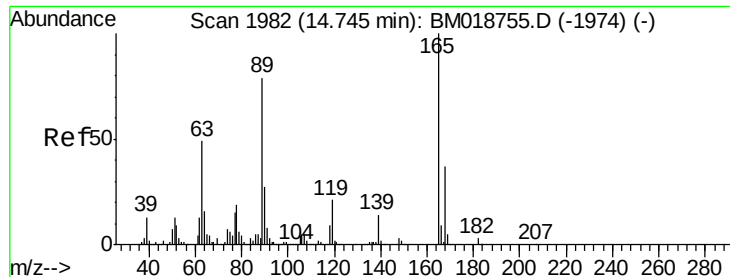
Sohil
2/13/2019 12:20:45 PM



#56
4-Nitrophenol
Concen: 88.667 ng
RT: 14.61 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:139 Resp: 1154168
Ion Ratio Lower Upper
139 100
109 78.4 58.4 98.4
65 108.6 89.8 129.8





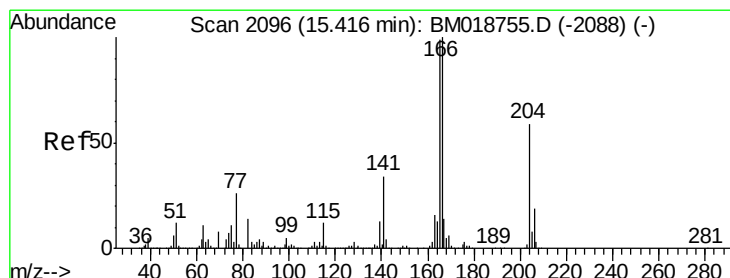
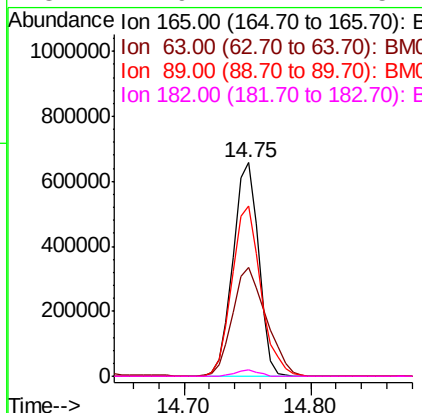
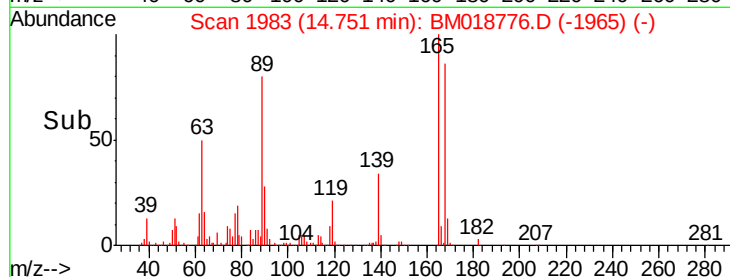
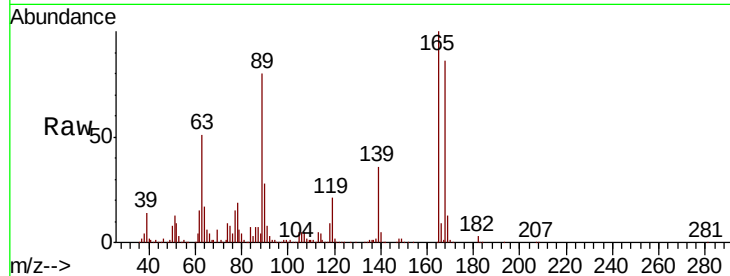
#57
2,4-Dinitrotoluene
Concen: 46.055 ng
RT: 14.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampled :
PB117043BS

Tot Ion:	165	Resp:	915749
Ion Ratio	Lower	Upper	
165	100		
63	51.2	39.6	59.4
89	79.8	63.5	95.3
182	2.9	2.2	3.4

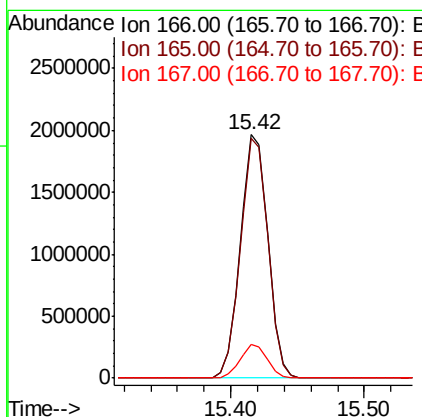
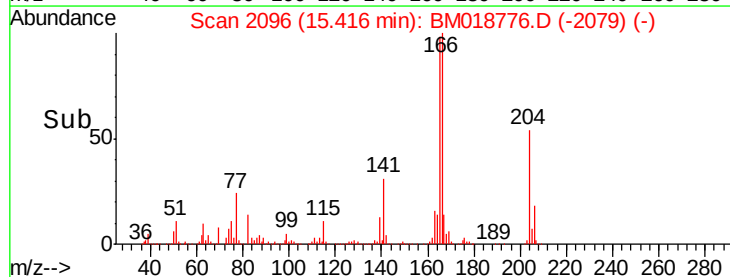
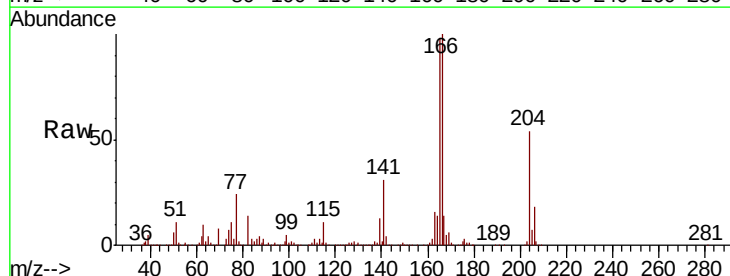
Manual Integrations
APPROVED

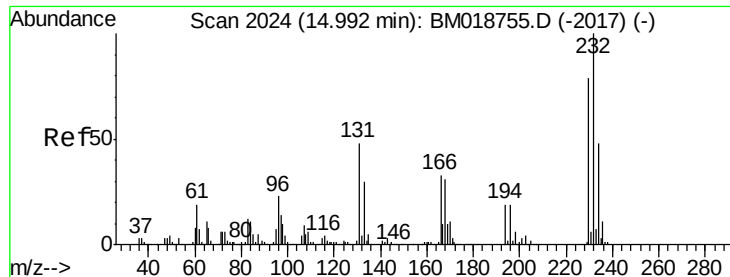
Sohil
2/13/2019 12:20:45 PM



#58
Fluorene
Concen: 45.793 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:	166	Resp:	2794174
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.1	118.7
167	13.7	11.0	16.4





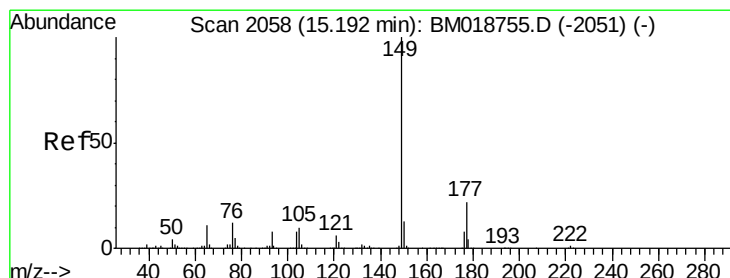
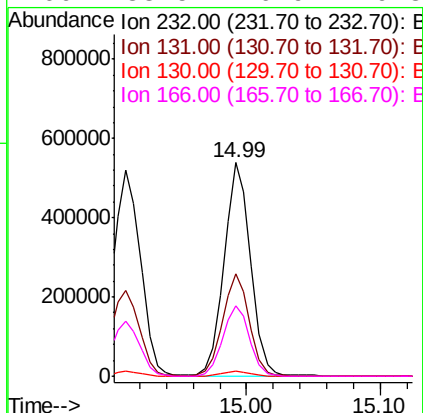
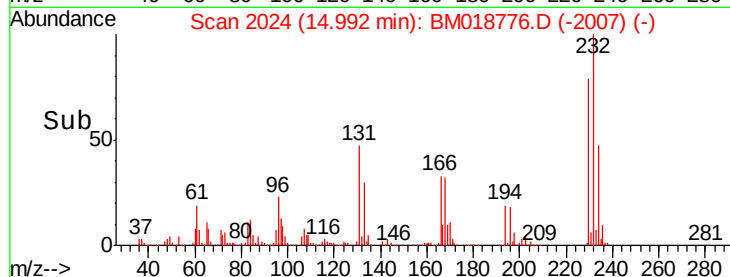
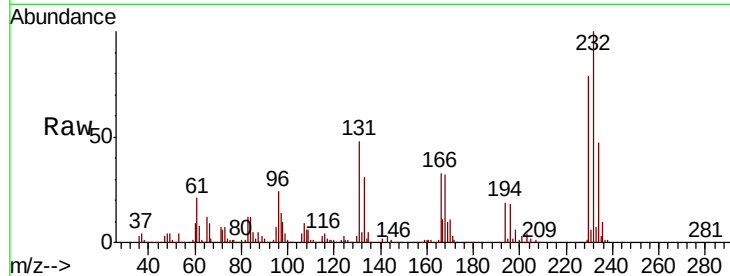
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.367 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tot Ion:	232	Resp:	742892
Ion Ratio	Lower	Upper	
232	100		
131	48.6	38.6	57.8
130	2.5	2.0	3.0
166	33.5	26.9	40.3

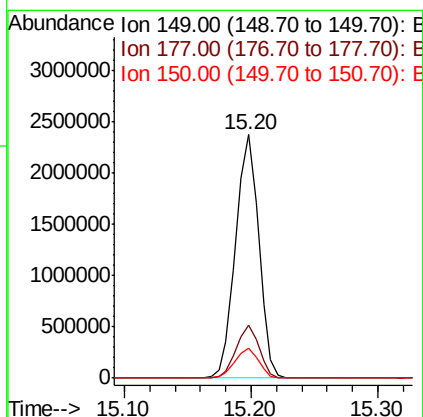
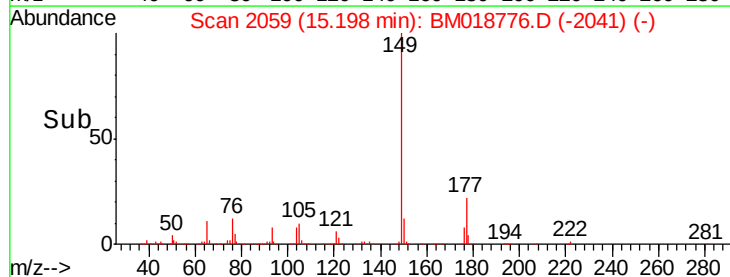
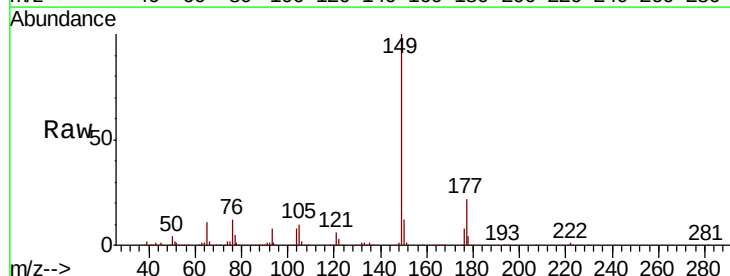
Manual Integrations
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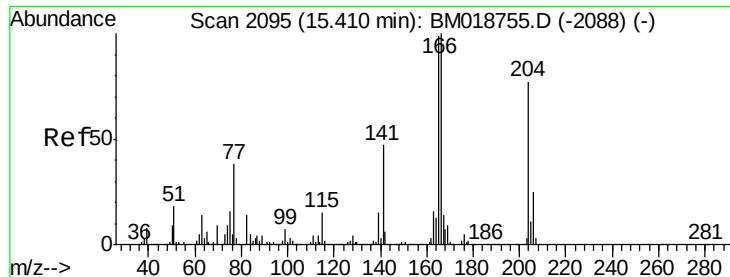
Sohil
 2/13/2019 12:20:45 PM



#60
 Diethylphthalate
 Concen: 43.601 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:	149	Resp:	2996349
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.2	25.8
150	12.5	10.2	15.2





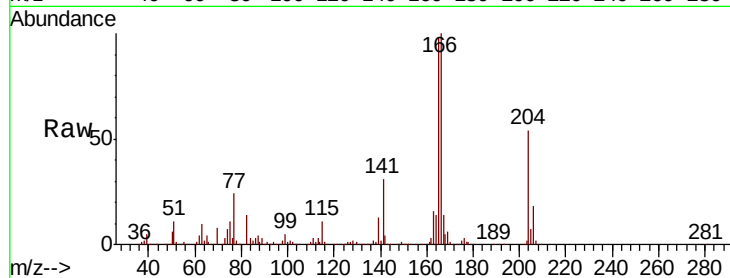
#61
4-Chlorophenyl-phenylether
Concen: 40.988 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	57.5	49.2	73.8

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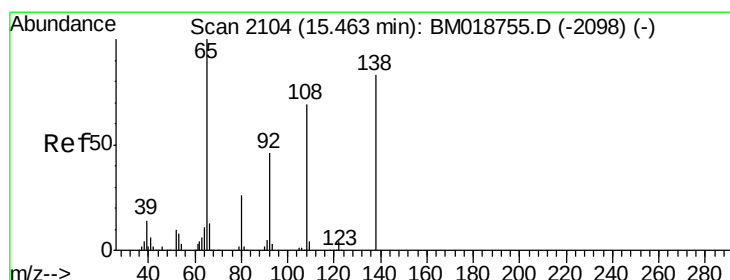
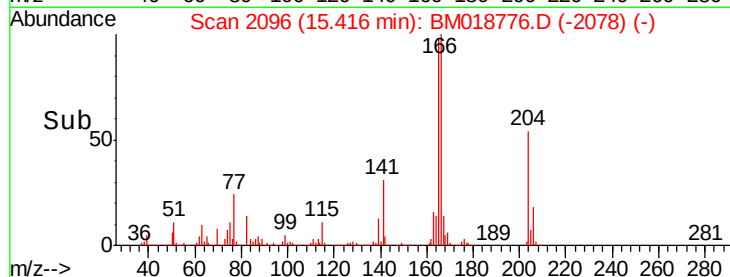
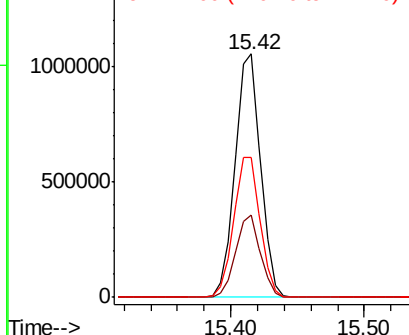


Abundance

Ion 204.00 (203.70 to 204.70): E

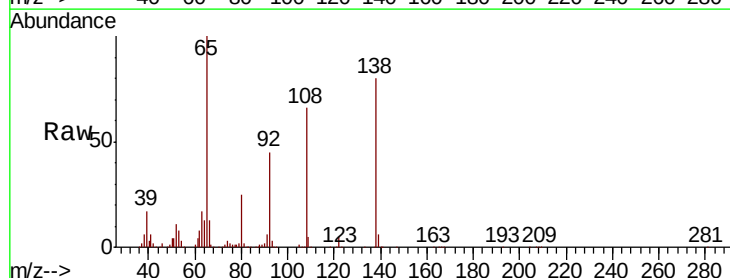
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.764 ng
RT: 15.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.8	35.5	75.5
108	82.9	62.4	102.4

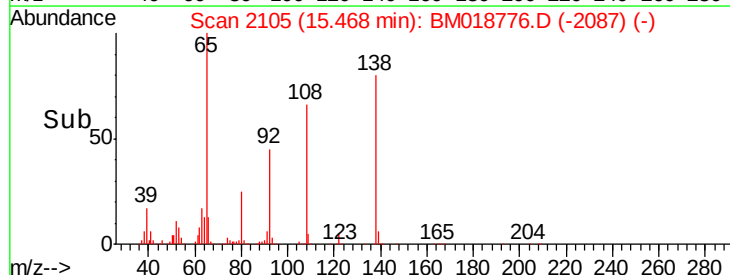
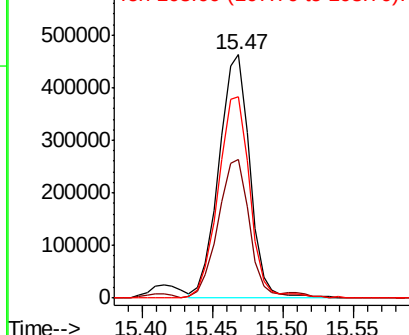


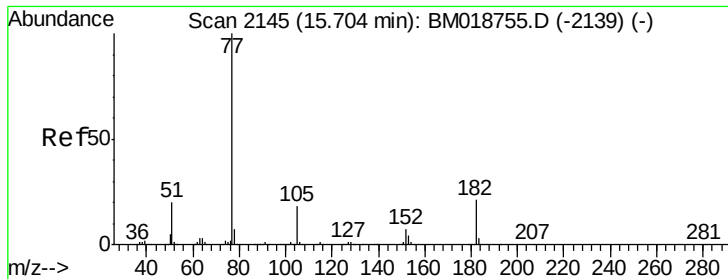
Abundance

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





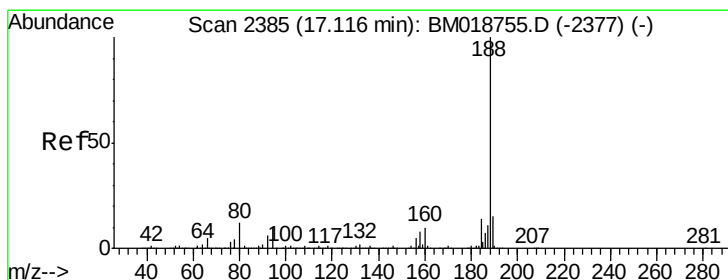
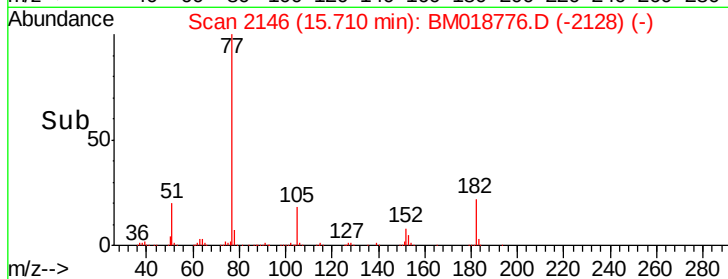
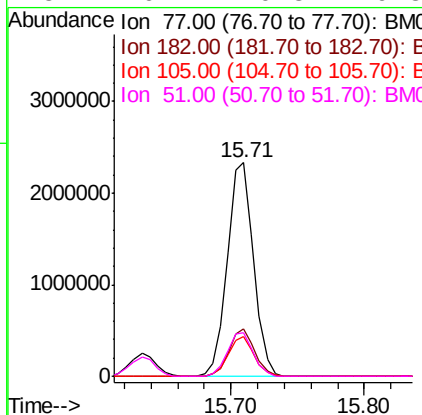
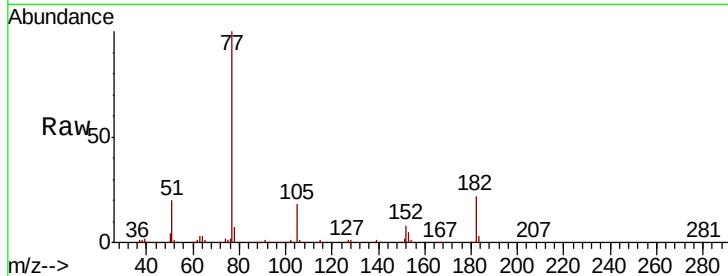
#63
Azobenzene
Concen: 43.613 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion:	77	Resp:	3213655
Ion	Ratio	Lower	Upper
77	100		
182	22.1	1.0	41.0
105	18.4	0.0	37.7
51	20.2	0.3	40.3

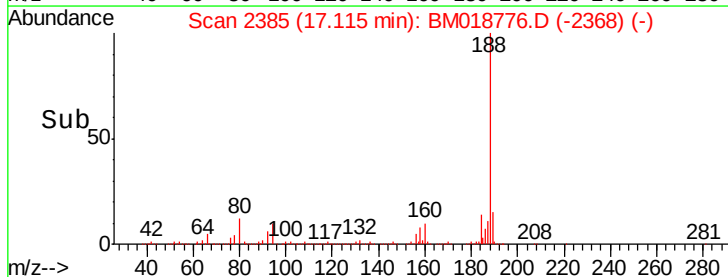
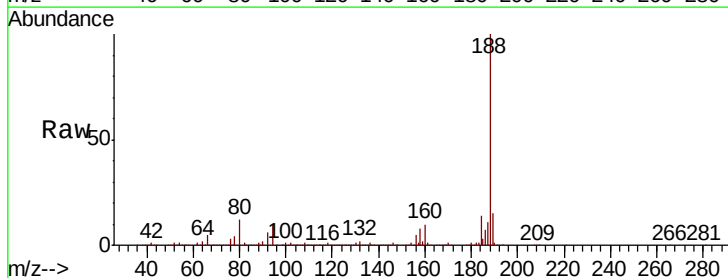
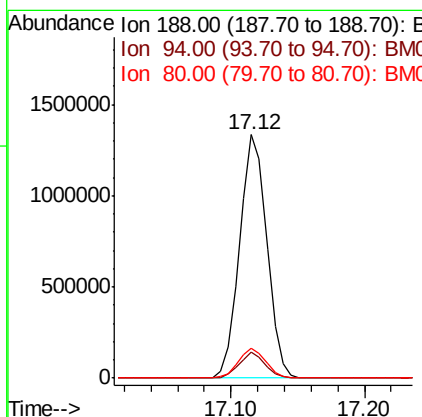
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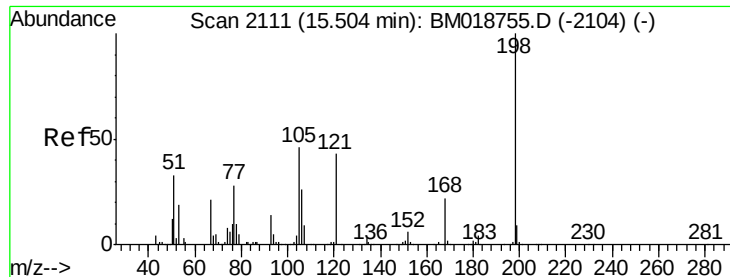
Sohil
2/13/2019 12:20:45 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:	188	Resp:	1880198
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	12.3	9.7	14.5





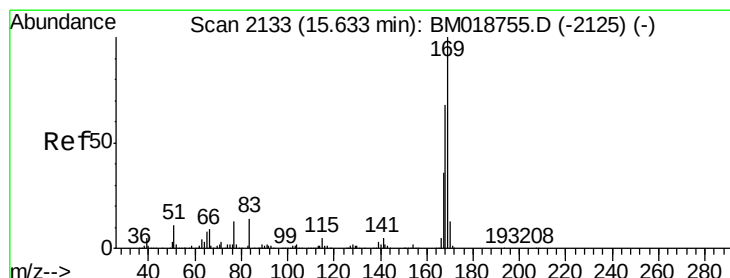
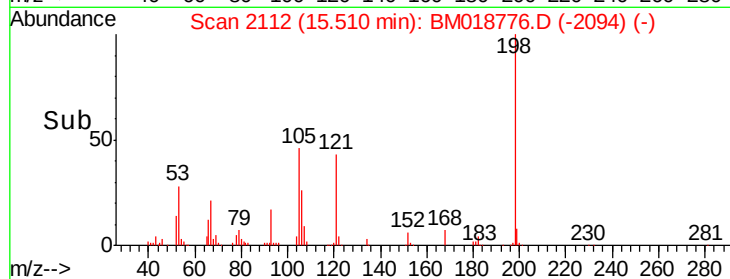
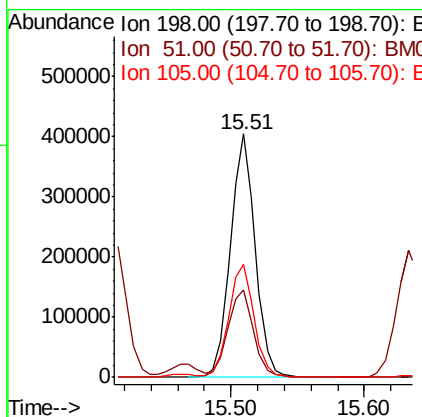
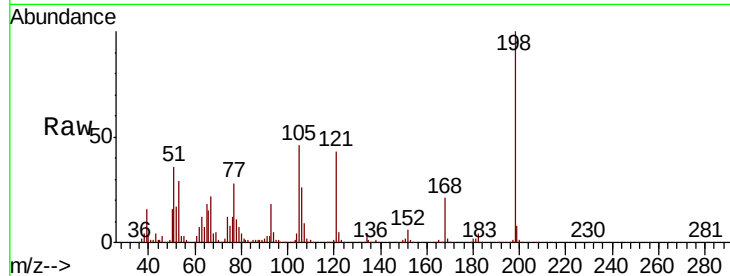
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.803 ng
 RT: 15.51 min Scan# 2112
 Delta R.T. 0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampled :
 PB117043BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	525446		
51	35.7	18.4	58.4	
105	46.3	27.2	67.2	

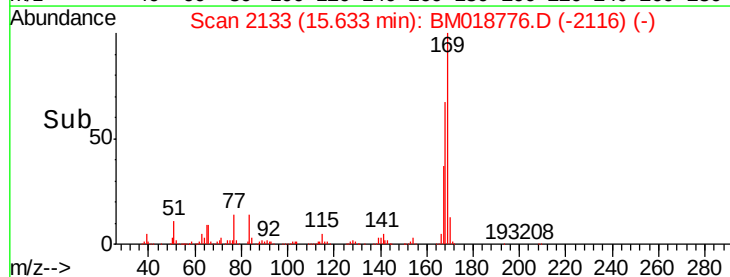
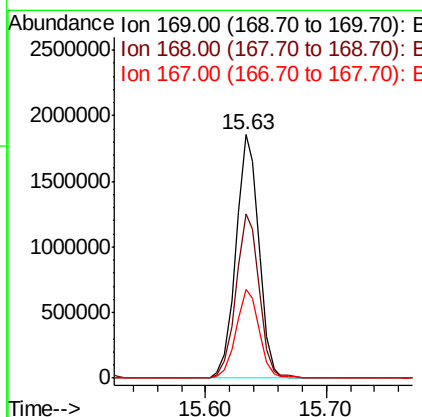
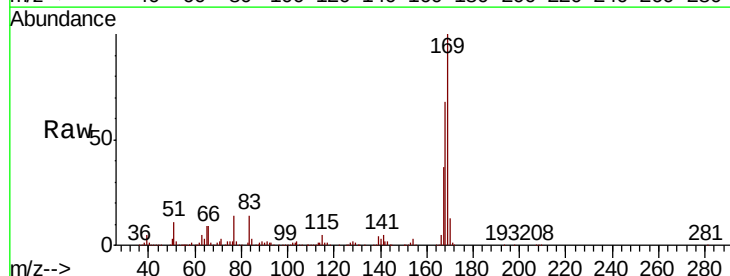
Manual Integrations
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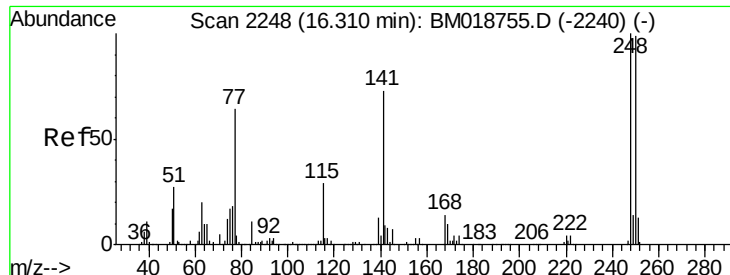
Sohil
 2/13/2019 12:20:45 PM



#66
 n-Nitrosodiphenylamine
 Concen: 41.242 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2449891		
168	67.5	54.4	81.6	
167	36.6	29.0	43.6	





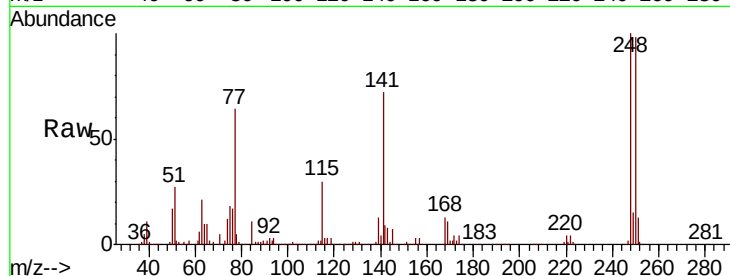
#67
4-Bromophenyl-phenylether
Concen: 40.165 ng
RT: 16.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.0	118.6
141	72.5	58.6	88.0

Manual Integrations
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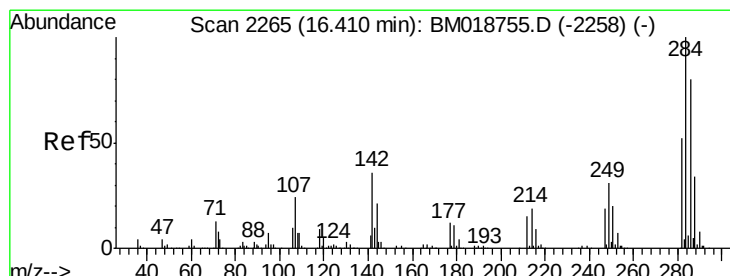
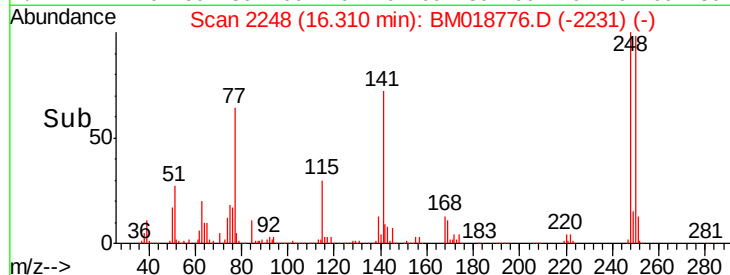
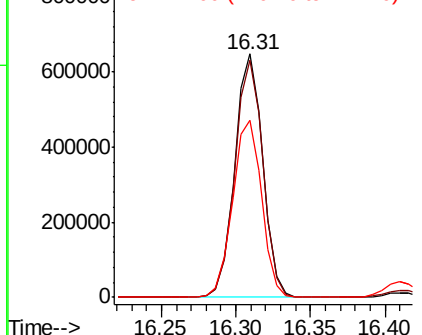


Abundance

Ion 248.00 (247.70 to 248.70): E

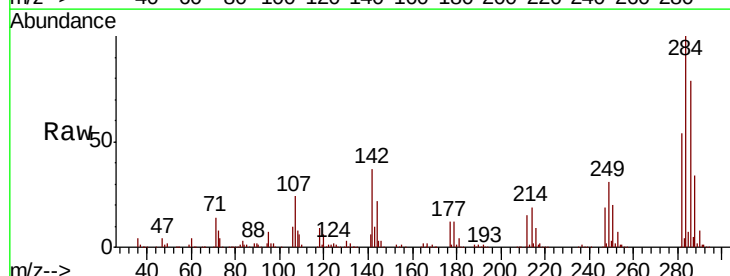
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.134 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	28.9	43.3
249	30.6	24.8	37.2

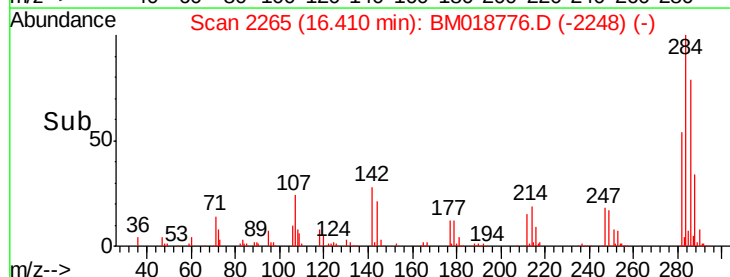
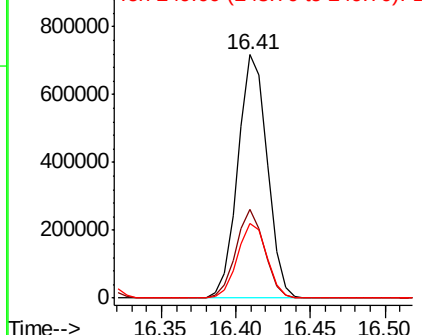


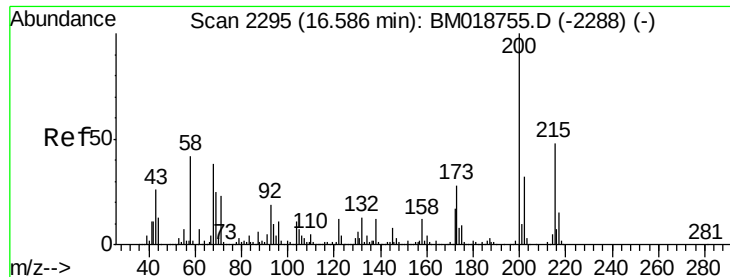
Abundance

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





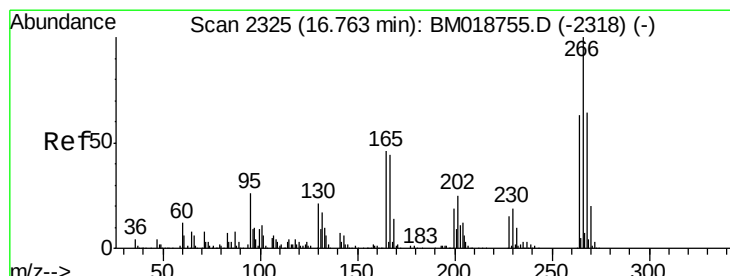
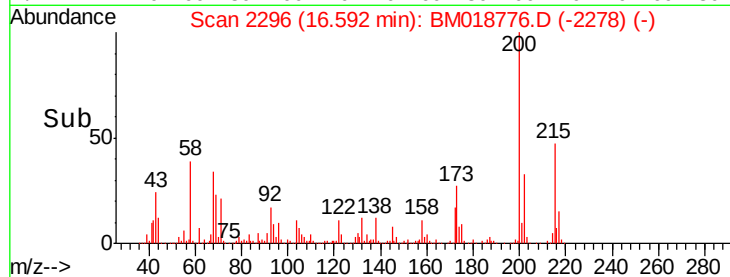
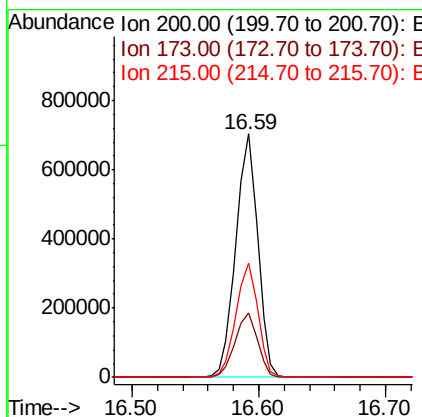
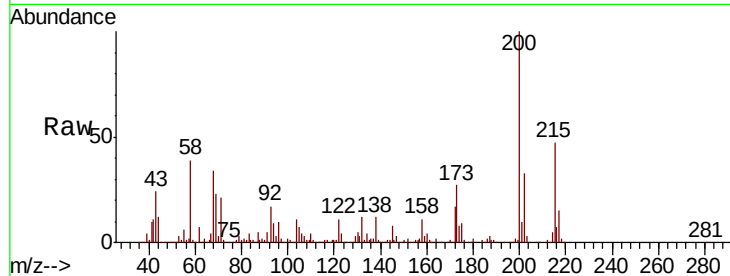
#69
Atrazine
Concen: 44.096 ng
RT: 16.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.6	47.6
215	47.2	27.6	67.6

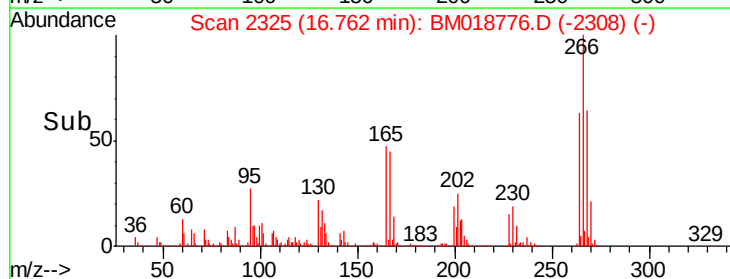
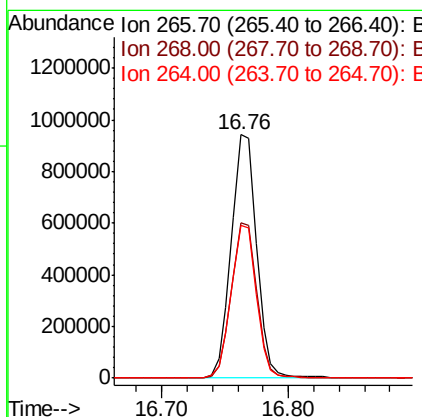
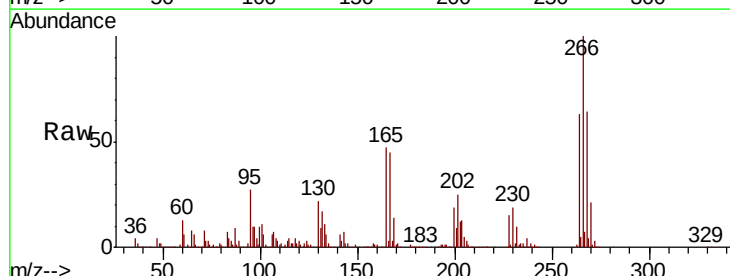
Manual Integrations
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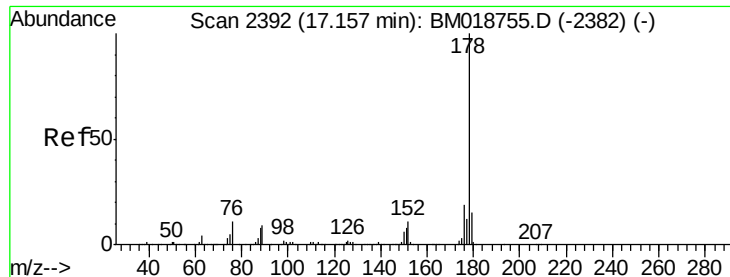
Sohil
2/13/2019 12:20:45 PM



#70
Pentachlorophenol
Concen: 82.705 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.3	76.9
264	63.0	50.6	75.8





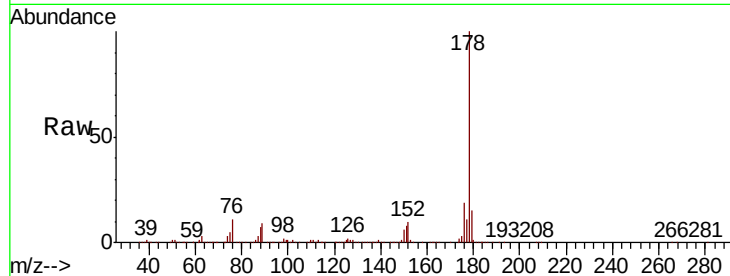
#71
Phenanthrene
Concen: 44.386 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

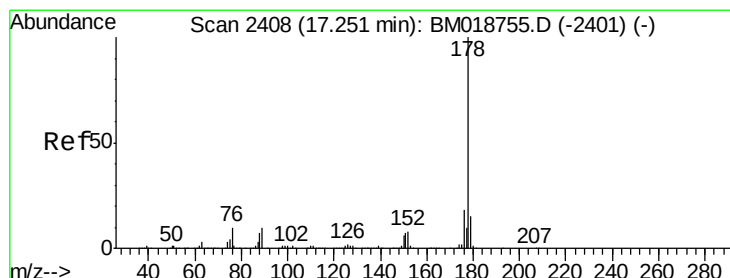
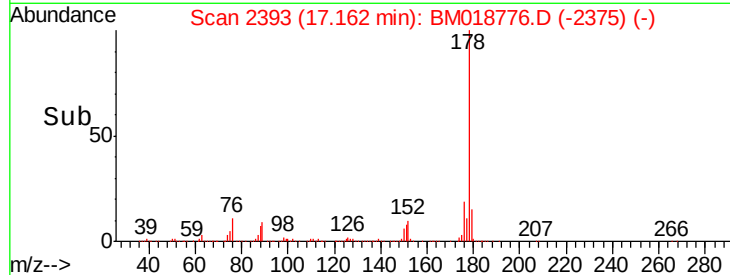
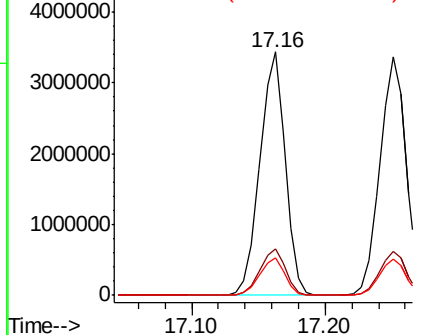
Tot Ion:178 Resp: 4484929
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.3 18.5

Manual Integrations
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2/13/2019 12:20:45 PM

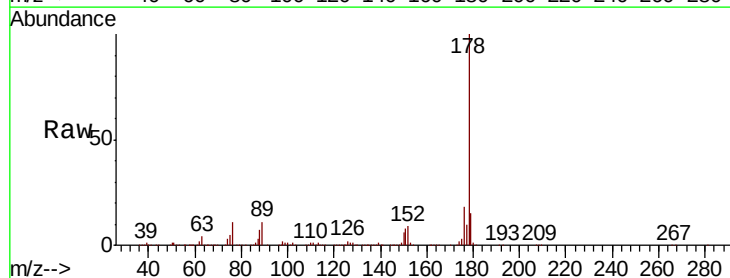


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

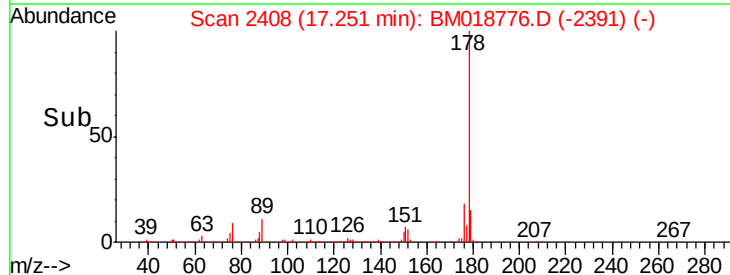
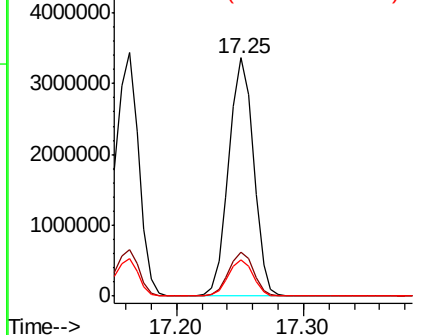


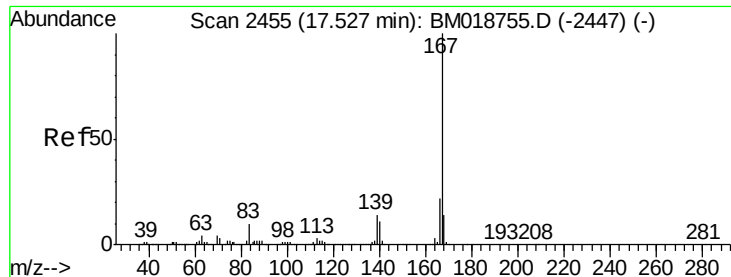
#72
Anthracene
Concen: 46.432 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:178 Resp: 4566561
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 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: 40.842 ng

RT: 17.53 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

Tot Ion:167 Resp: 4196585

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

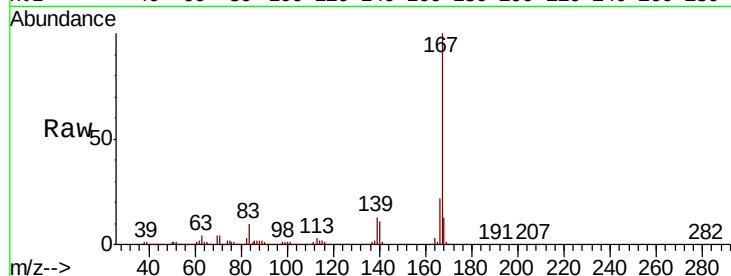
139 13.3 10.9 16.3

Manual Integrations

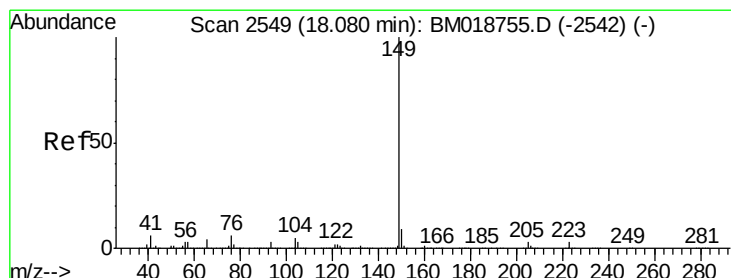
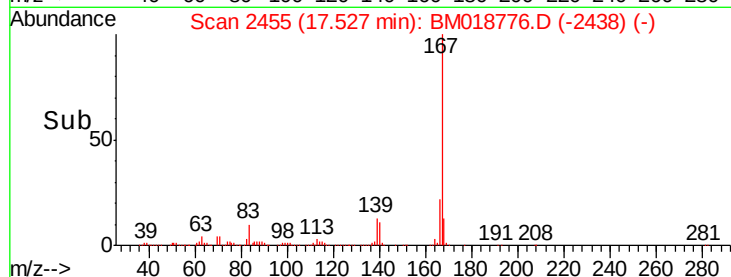
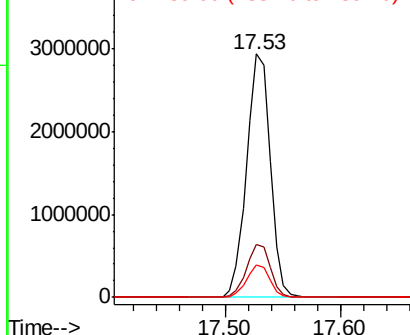
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.487 ng

RT: 18.08 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

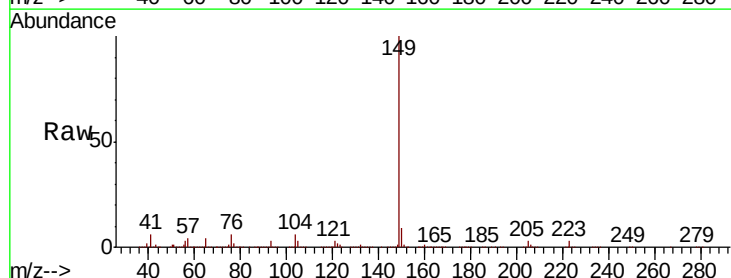
Tgt Ion:149 Resp: 5257160

Ion Ratio Lower Upper

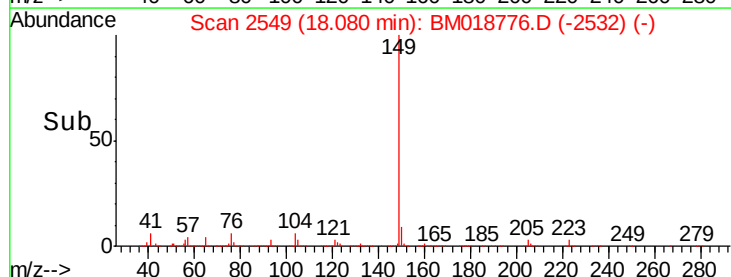
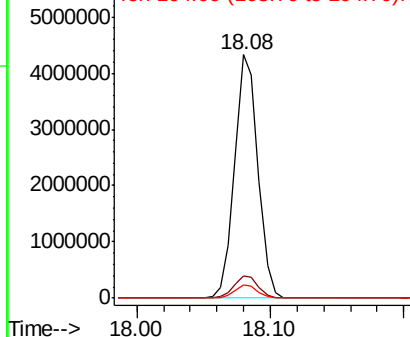
149 100

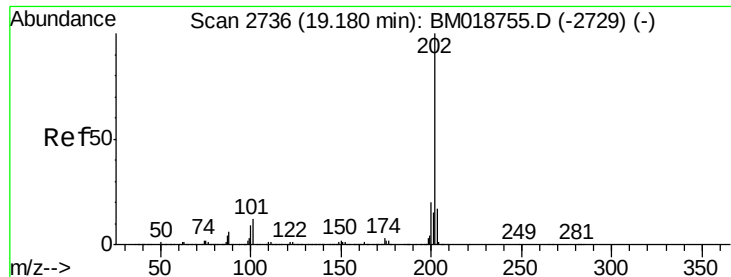
150 9.3 7.4 11.0

104 5.6 4.3 6.5



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





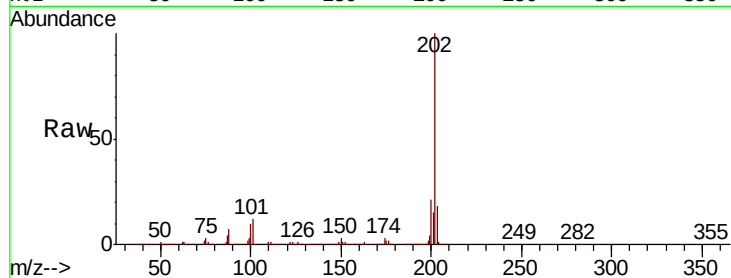
#75
Fluoranthene
Concen: 45.561 ng
RT: 19.18 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampled :
PB117043BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.5
203	17.6	0.0	37.3

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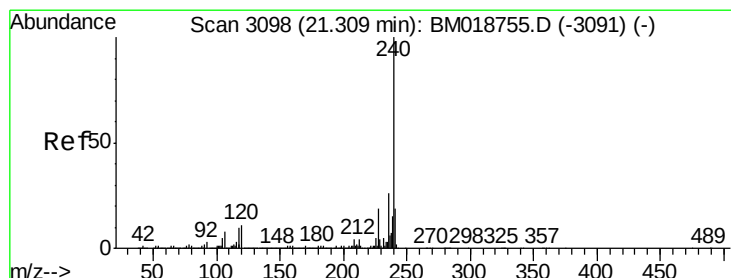
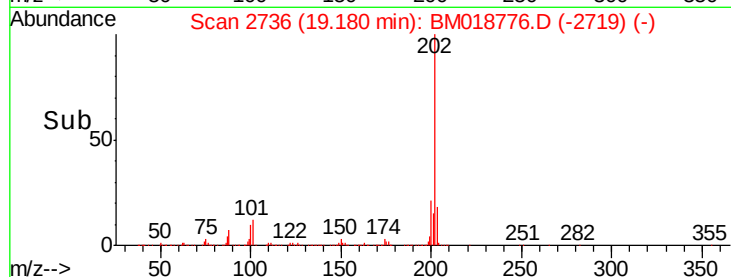
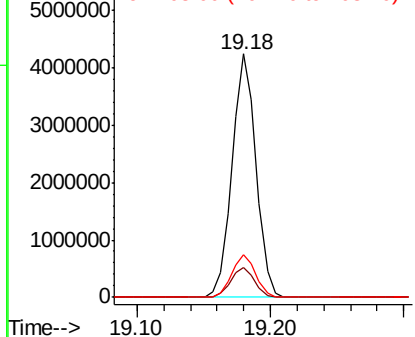


Abundance

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: 21.32 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

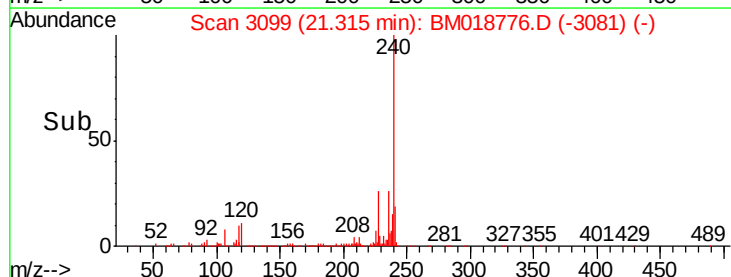
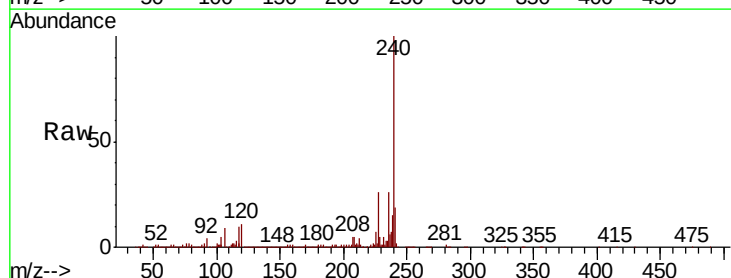
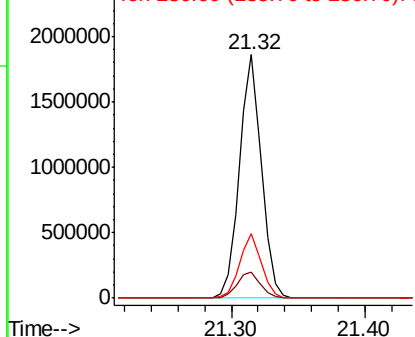
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	26.3	20.9	31.3

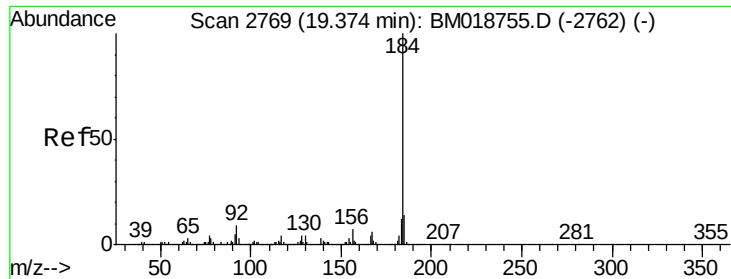
Abundance

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





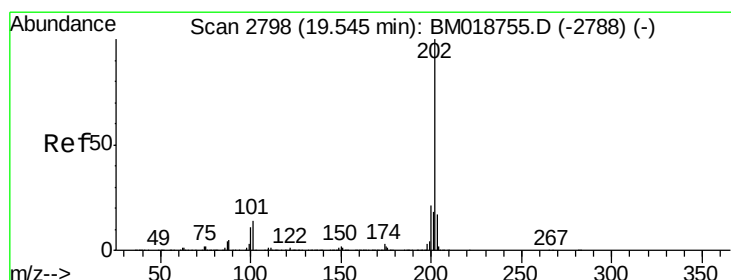
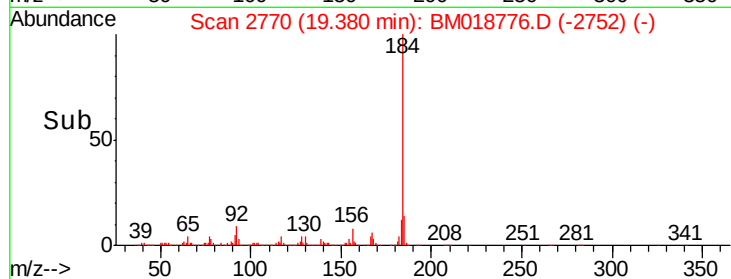
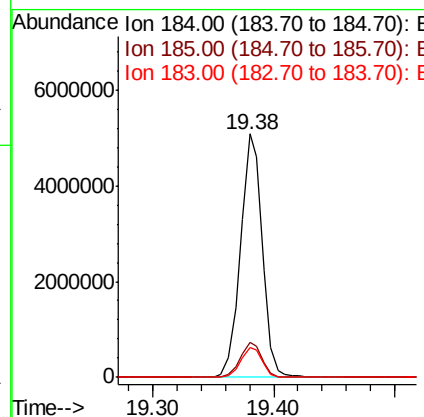
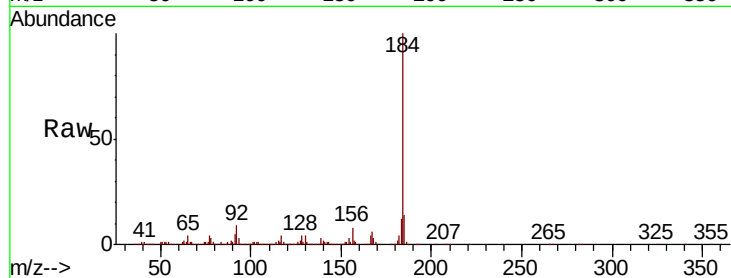
#77
Benzidine
Concen: 133.318 ng
RT: 19.38 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

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

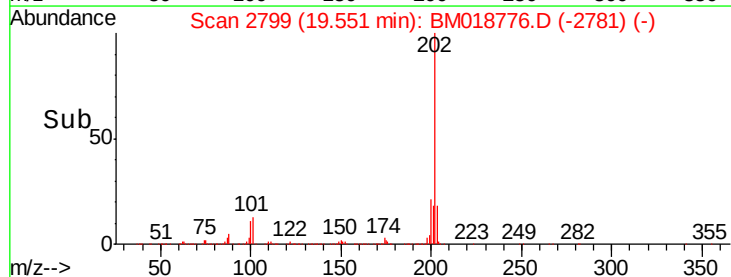
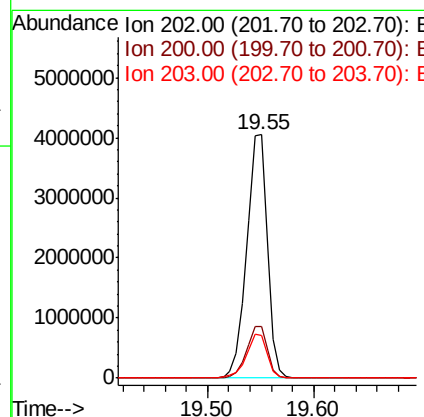
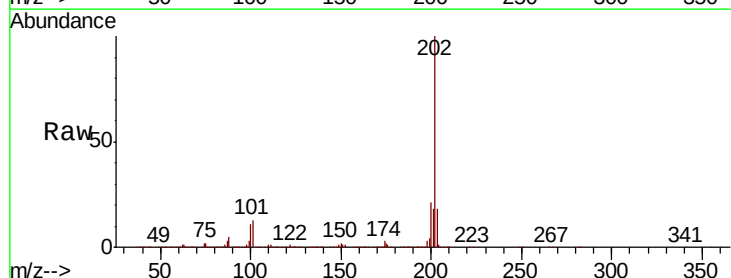
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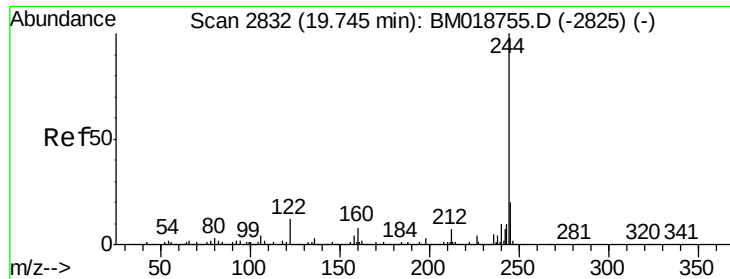
Sohil
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#78
Pyrene
Concen: 44.133 ng
RT: 19.55 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.5	13.8	20.8





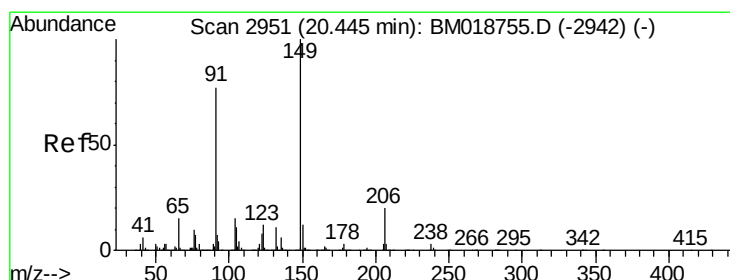
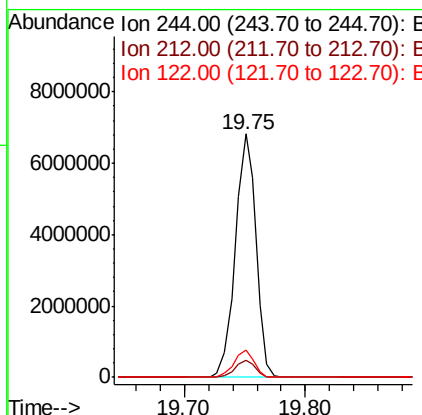
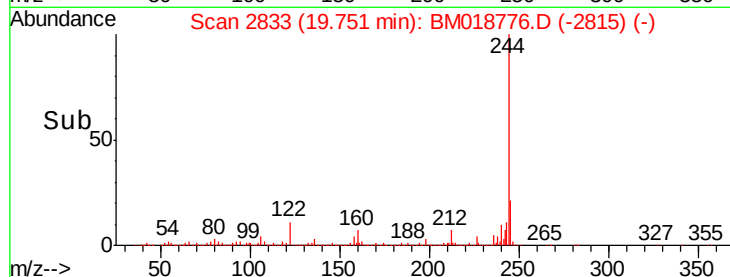
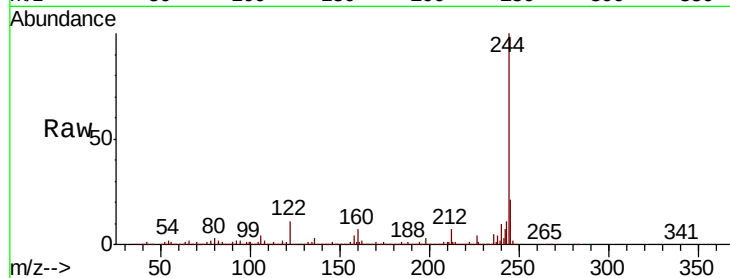
#79
 Terphenyl-d14
 Concen: 78.660 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.2	9.3	13.9

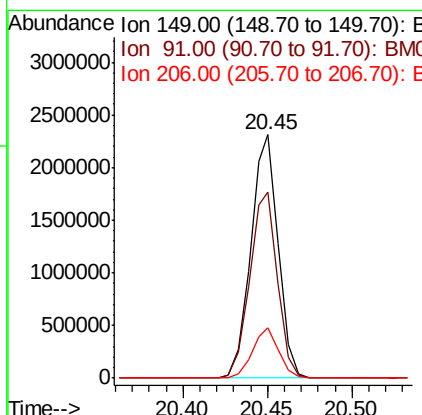
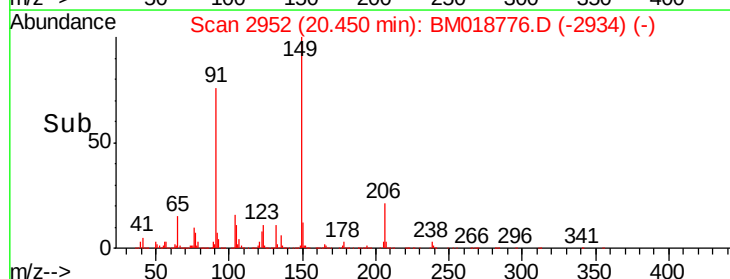
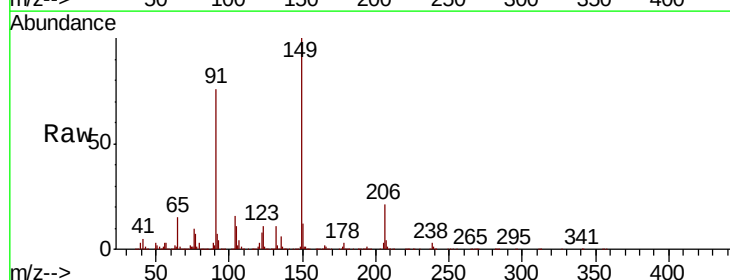
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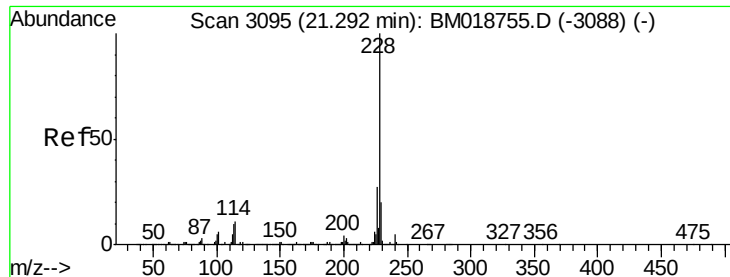
Sohil
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#80
 Butylbenzylphthalate
 Concen: 45.953 ng
 RT: 20.45 min Scan# 2952
 Delta R.T. 0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.2	61.4	92.0
206	20.5	15.8	23.8





#81

Benzo(a)anthracene

Concen: 44.981 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

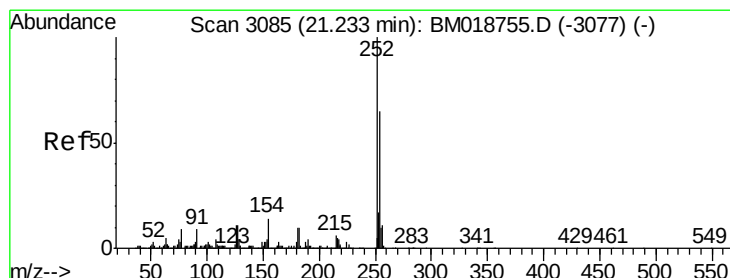
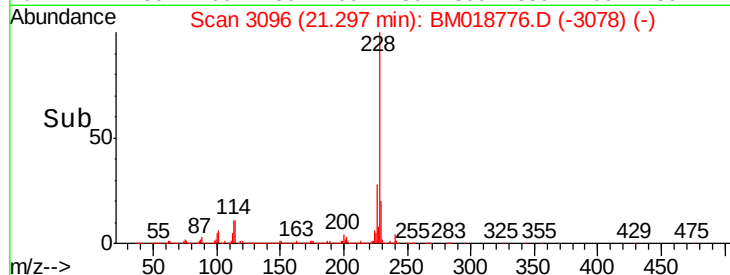
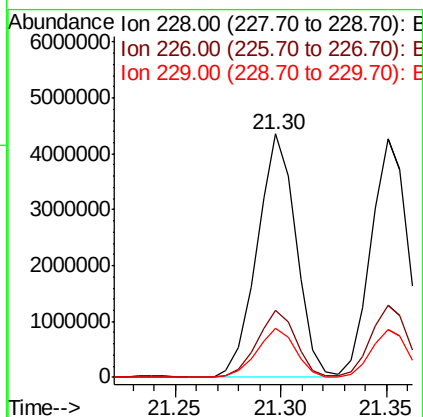
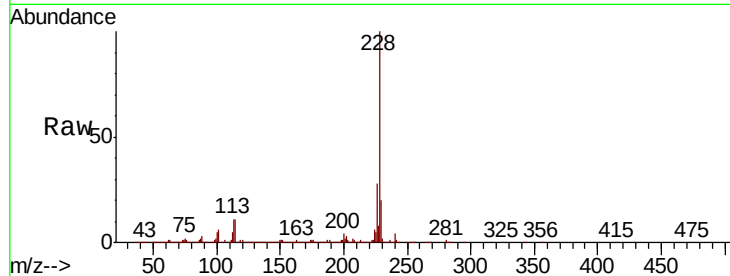
ClientSampleId :

PB117043BS

Tot Ion:	228	Resp:	5583999
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	20.3	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 44.709 ng

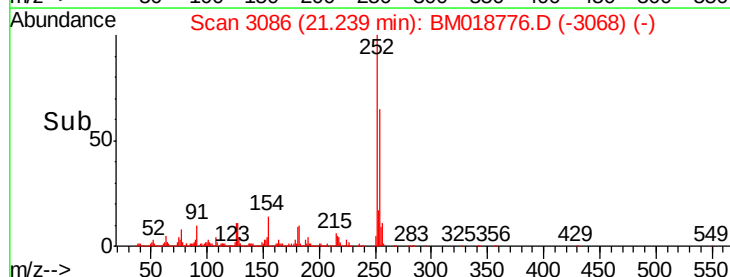
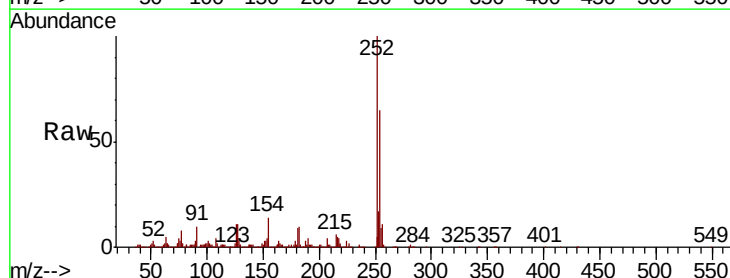
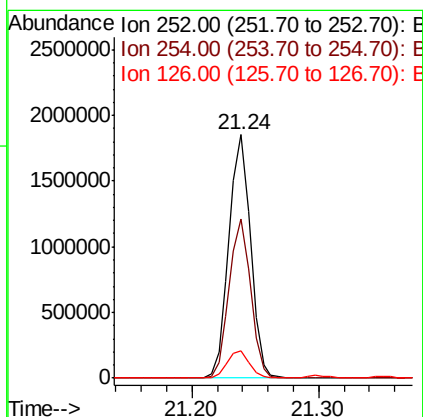
RT: 21.24 min Scan# 3086

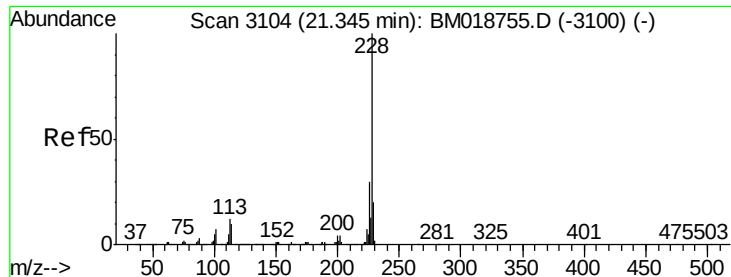
Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	252	Resp:	2193521
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.8	77.8
126	11.2	9.1	13.7





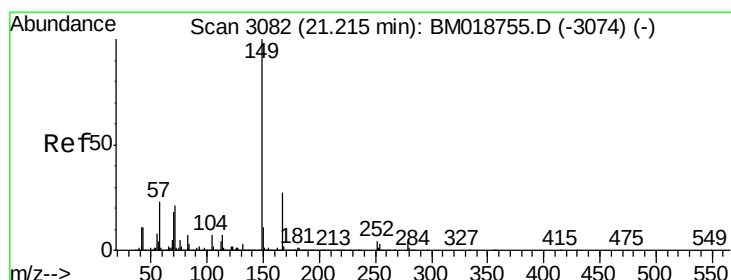
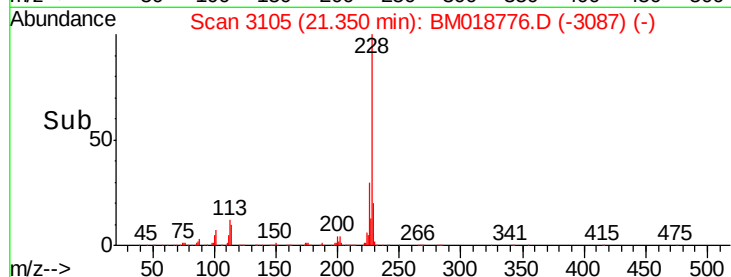
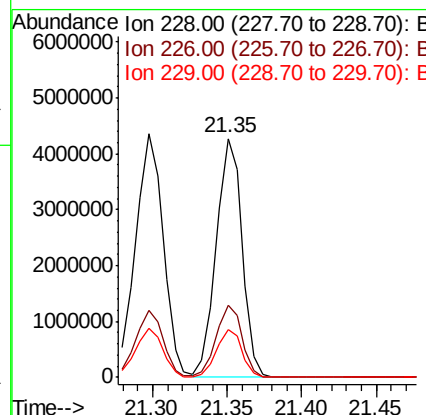
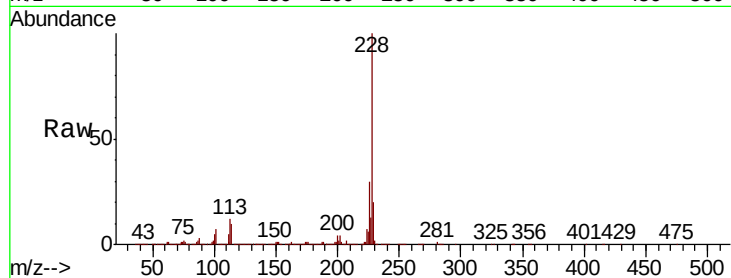
#83
Chrysene
Concen: 43.561 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampled :
PB117043BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	20.2	16.0	24.0

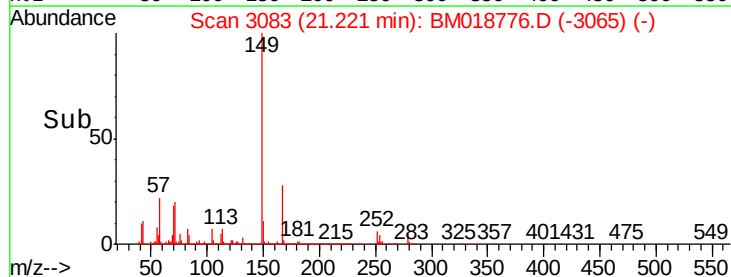
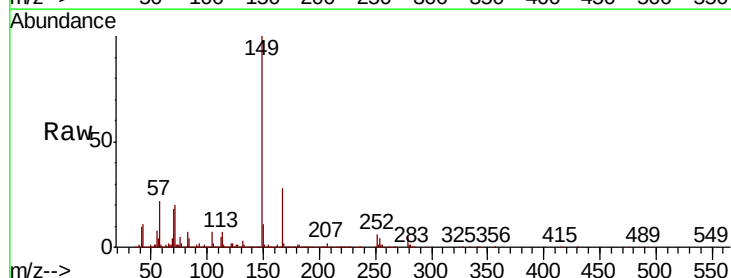
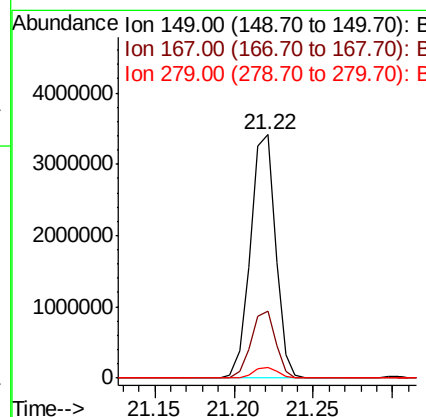
Manual Integrations
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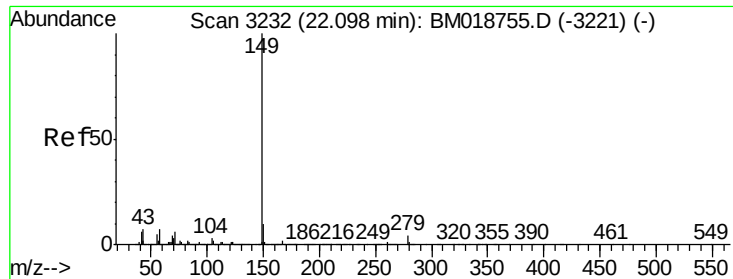
Sohil
2/13/2019 12:20:45 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.503 ng
RT: 21.22 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.6
279	4.6	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 46.548 ng

RT: 22.10 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

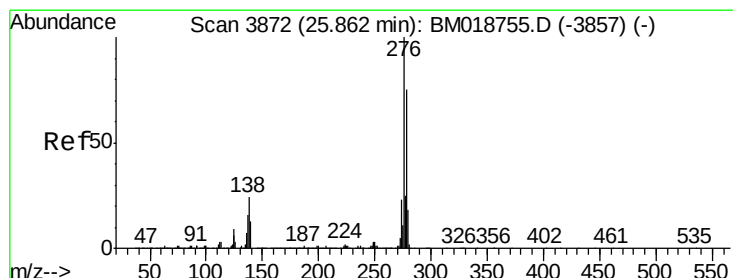
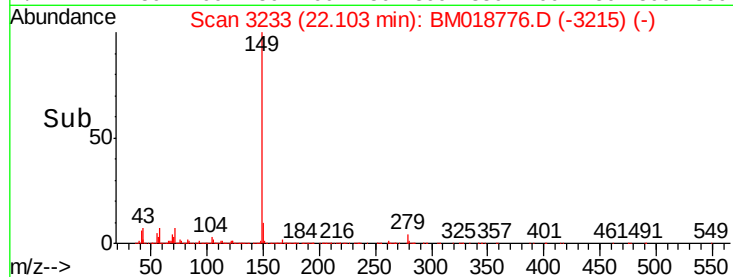
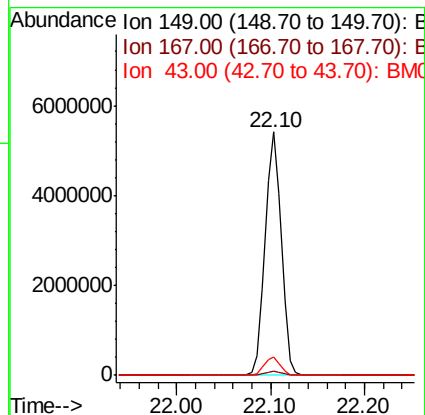
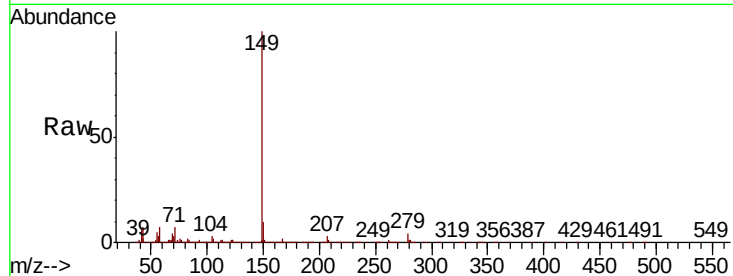
ClientSampleId :

PB117043BS

Tot Ion:	149	Resp:	6454484
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.0	9.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.369 ng

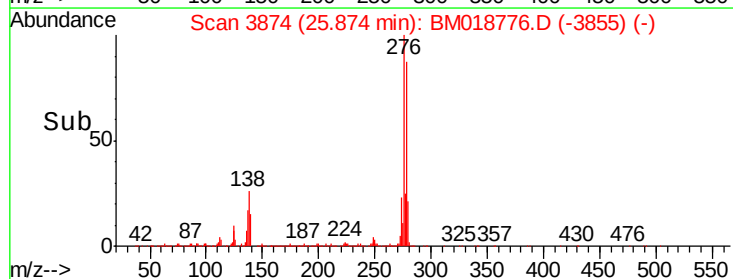
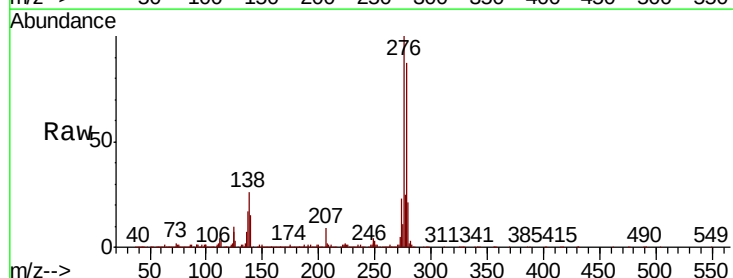
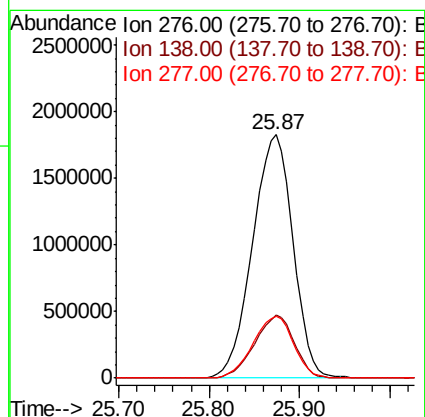
RT: 25.87 min Scan# 3874

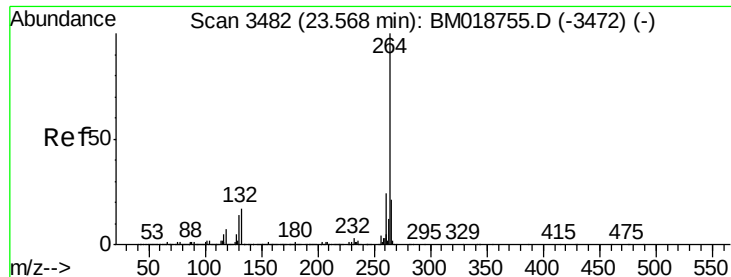
Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	276	Resp:	5683031
Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.2	30.4
277	25.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

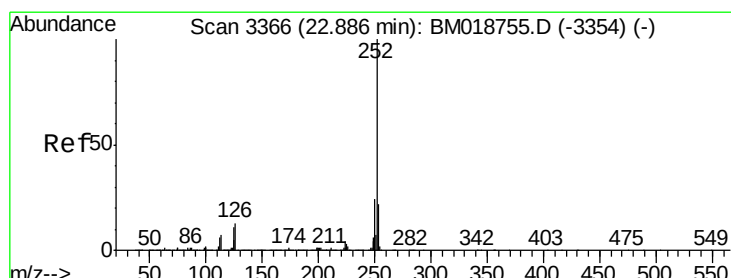
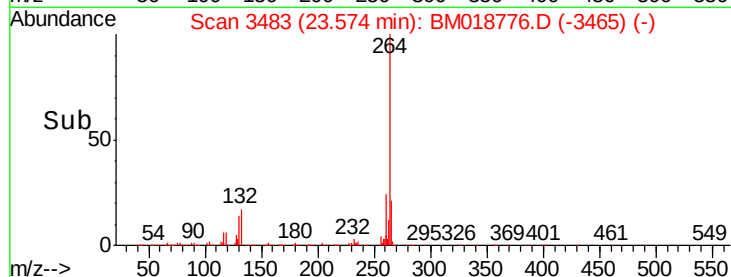
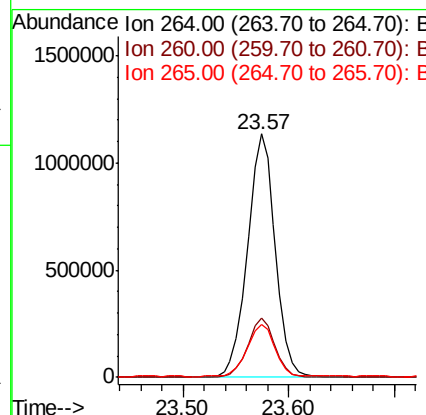
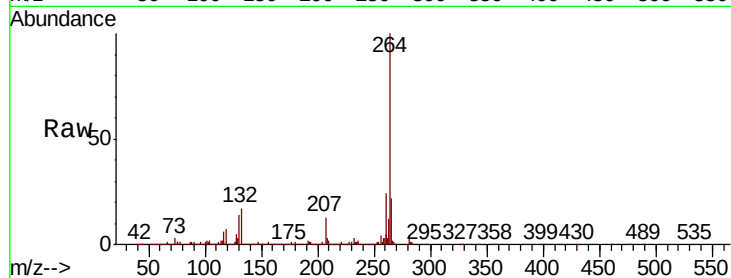
ClientSampleId :

PB117043BS

Tot Ion:	264	Resp:	2059731
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.9	28.3
265	21.8	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 47.017 ng

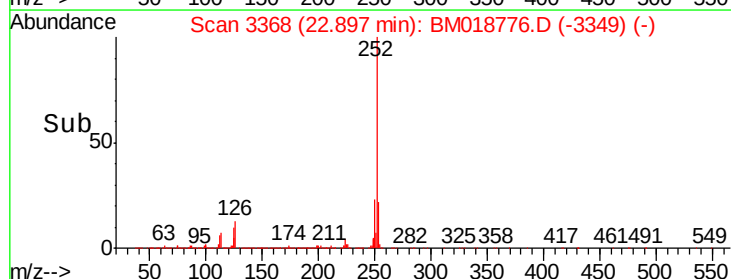
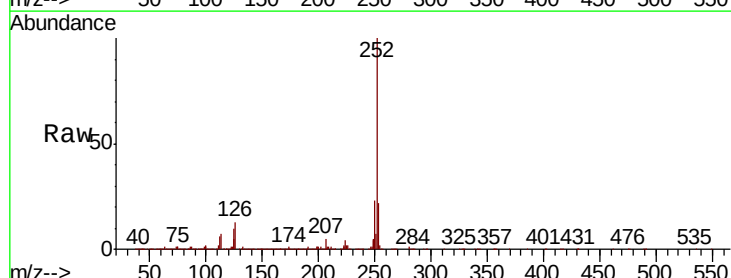
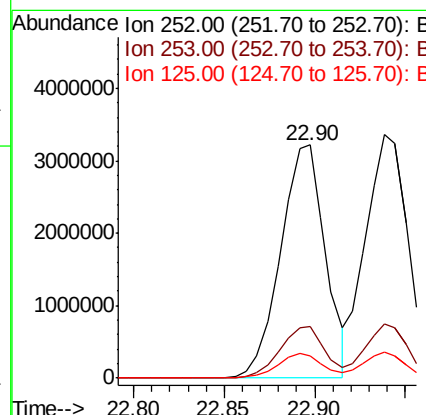
RT: 22.90 min Scan# 3368

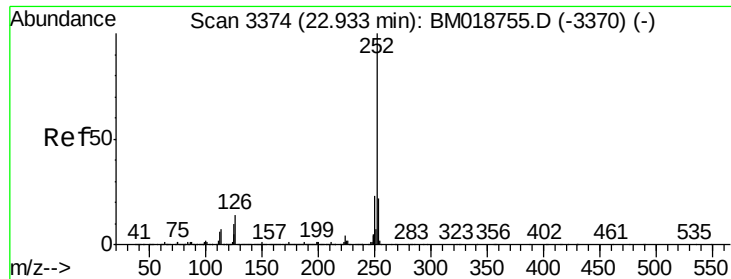
Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	252	Resp:	5540666
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	9.7	8.6	12.8





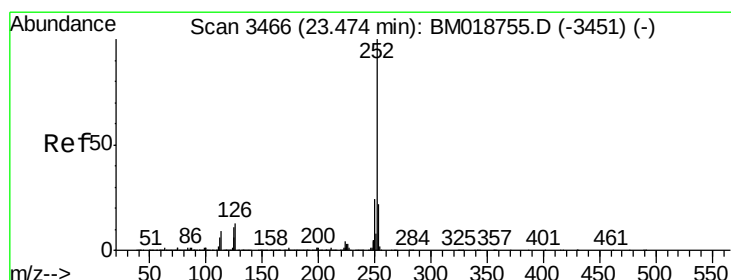
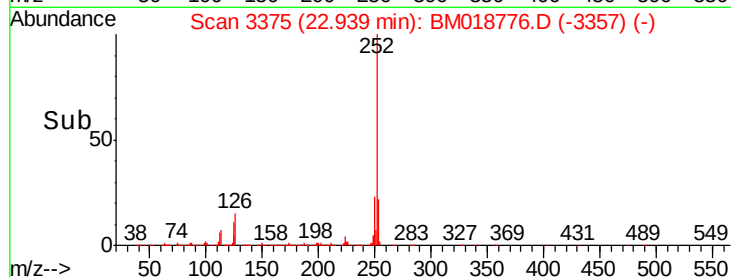
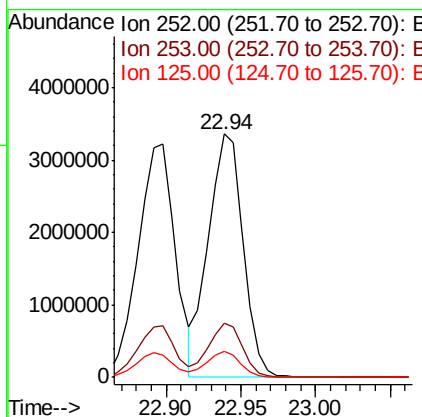
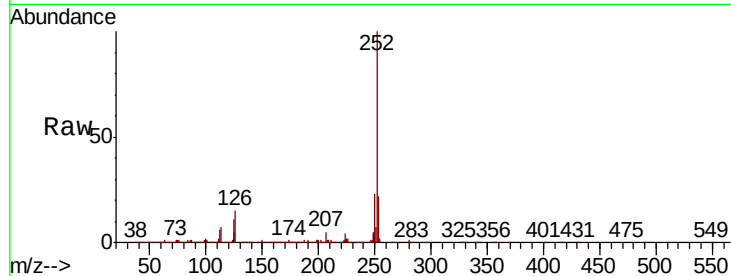
#89
Benzo(k)fluoranthene
Concen: 46.429 ng
RT: 22.94 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.2	17.7	26.5	
125	10.8	8.2	12.4	

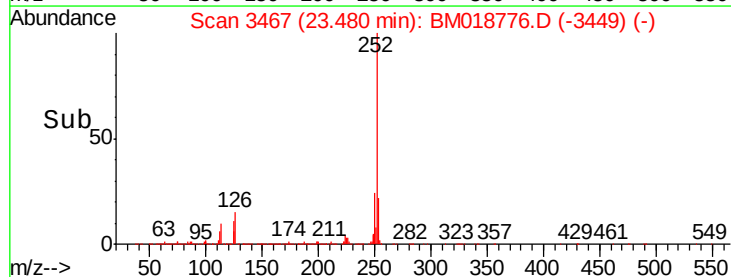
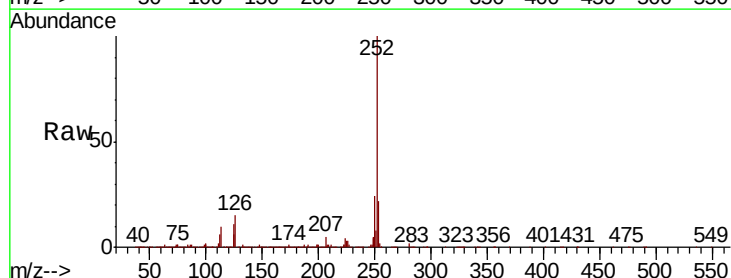
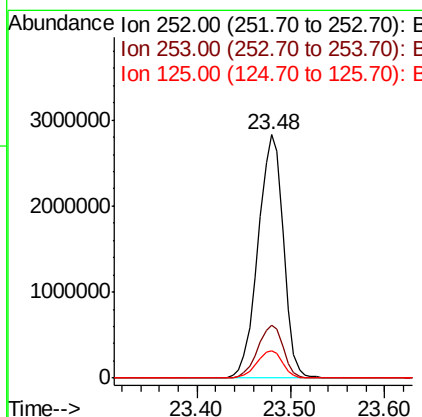
Manual Integrations
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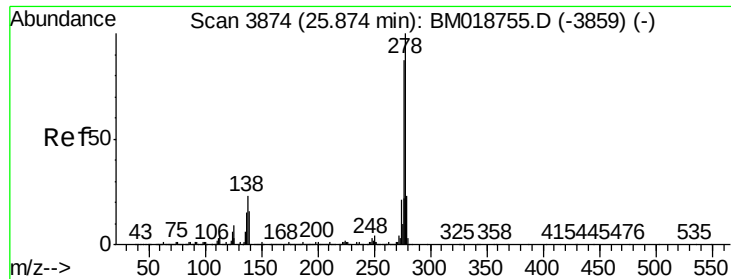
Sohil
2/13/2019 12:20:45 PM



#90
Benzo(a)pyrene
Concen: 47.165 ng
RT: 23.48 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.9	17.4	26.0	
125	11.5	8.6	13.0	





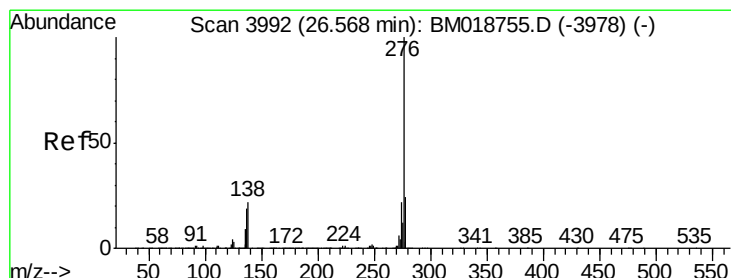
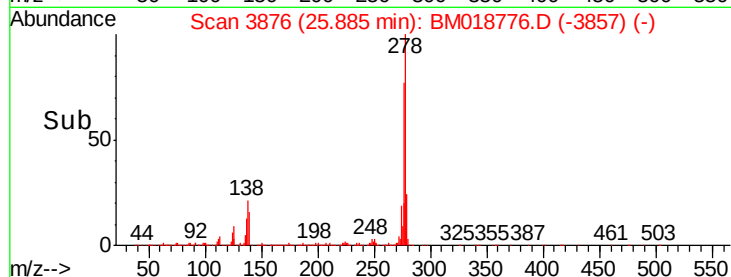
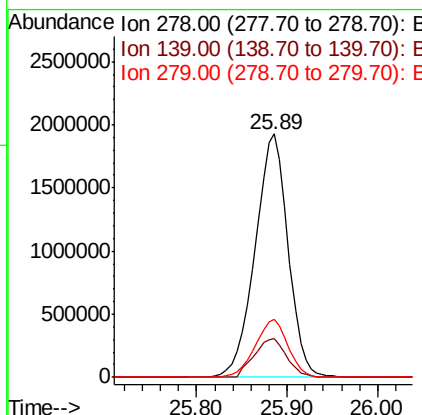
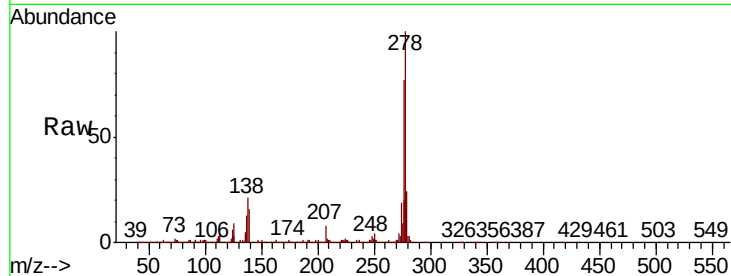
#91
Dibenzo(a,h)anthracene
Concen: 43.981 ng
RT: 25.89 min Scan# 3876
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampled :
PB117043BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.6	18.8
279	23.7	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/13/2019 12:20:45 PM



#92
Benzo(g,h,i)perylene
Concen: 43.124 ng
RT: 26.58 min Scan# 3994
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.6	17.3	25.9

