

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018735.D
 Acq On : 07 Feb 2019 13:11
 Operator : JU/SJ
 Sample : PB116893BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116893BS

Manual Integrations
 APPROVED

Sohil
 2/11/2019 5:02:52 PM

Quant Time: Feb 08 10:48:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	288016	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1064546	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	526774	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1018672	20.00	ng	0.00
76) Chrysene-d12	21.31	240	865101	20.00	ng	0.00
87) Perylene-d12	23.57	264	831887	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	2327709	149.23	ng	0.00
7) Phenol-d6	6.89	99	2831185	142.91	ng	0.00
23) Nitrobenzene-d5	8.89	82	1429175	77.83	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	921502	137.39	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3305471	81.88	ng	0.00
79) Terphenyl-d14	19.75	244	3920881	95.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	246373	38.754	ng	98
3) Pyridine	3.66	79	639123	40.324	ng	97
4) n-Nitrosodimethylamine	3.58	42	313952	47.902	ng	# 94
6) Aniline	7.06	93	781959	35.384	ng	100
8) 2-Chlorophenol	7.29	128	767736	42.144	ng	95
9) Benzaldehyde	6.87	77	350996	28.405	ng	99
10) Phenol	6.92	94	831531	41.305	ng	100
11) bis(2-Chloroethyl)ether	7.16	93	620978	39.257	ng	97
12) 1,3-Dichlorobenzene	7.60	146	859862	39.634	ng	99
13) 1,4-Dichlorobenzene	7.75	146	868974	39.519	ng	99
14) 1,2-Dichlorobenzene	8.06	146	830574	39.835	ng	99
15) Benzyl Alcohol	7.96	79	565789	39.541	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	840444	41.575	ng	96
17) 2-Methylphenol	8.16	107	564785	41.330	ng	98
18) Hexachloroethane	8.78	117	304299	38.813	ng	98
19) n-Nitroso-di-n-propylamine	8.53	70	475002	36.843	ng	92
20) 3+4-Methylphenols	8.49	107	750574	39.788	ng	99
22) Acetophenone	8.55	105	994459	37.763	ng	# 97
24) Nitrobenzene	8.93	77	735022	40.680	ng	97
25) Isophorone	9.45	82	1221138	43.914	ng	98
26) 2-Nitrophenol	9.63	139	383175	43.858	ng	98
27) 2,4-Dimethylphenol	9.69	122	617092	47.123	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	790093	41.130	ng	100
29) 2,4-Dichlorophenol	10.16	162	653637	41.918	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	765104	39.530	ng	99
31) Naphthalene	10.56	128	2210976	43.125	ng	99
32) Benzoic acid	9.83	122	342882	40.123	ng	98
33) 4-Chloroaniline	10.68	127	302861	15.000	ng	99
34) Hexachlorobutadiene	10.82	225	460677	37.676	ng	99
35) Caprolactam	11.49	113	159625m	30.109	ng	
36) 4-Chloro-3-methylphenol	11.80	107	626603	38.302	ng	98
37) 2-Methylnaphthalene	12.17	142	1542624	42.587	ng	99
38) 1-Methylnaphthalene	12.39	142	1457193	41.576	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	790888	42.934	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	1066338	105.474	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	495609	44.305	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	512236	43.540	ng	97
46) 1,1'-Biphenyl	13.20	154	1892942	41.155	ng	99
47) 2-Chloronaphthalene	13.24	162	1473421	41.310	ng	99
48) 2-Nitroaniline	13.46	65	345903	39.419	ng	96
49) Acenaphthylene	14.09	152	2266239	43.599	ng	99
50) Dimethylphthalate	13.83	163	1661409	38.403	ng	99
51) 2,6-Dinitrotoluene	13.96	165	363182	39.631	ng	94
52) Acenaphthene	14.43	154	1299916	40.873	ng	98
53) 3-Nitroaniline	14.29	138	205539	22.247	ng	96
54) 2,4-Dinitrophenol	14.50	184	343935	70.289	ng	92
55) Dibenzofuran	14.77	168	2064822	39.293	ng	100
56) 4-Nitrophenol	14.60	139	549326	68.826	ng	98
57) 2,4-Dinitrotoluene	14.74	165	480905	37.090	ng	100
58) Fluorene	15.42	166	1605641	41.018	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	430982	41.329	ng	98
60) Diethylphthalate	15.20	149	1618467	37.058	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	831387	36.850	ng	96
62) 4-Nitroaniline	15.46	138	297257	29.498	ng	97
63) Azobenzene	15.70	77	1364139	38.310	ng	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	245169	38.910	ng	93
66) n-Nitrosodiphenylamine	15.63	169	1368328	43.303	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	474553	41.629	ng	98
68) Hexachlorobenzene	16.41	284	528679	41.427	ng	100
69) Atrazine	16.59	200	446519	39.088	ng	99
70) Pentachlorophenol	16.76	266	606339	72.547	ng	99
71) Phenanthrene	17.16	178	2309776	42.629	ng	100
72) Anthracene	17.25	178	2341948	44.949	ng	100
73) Carbazole	17.53	167	1997449	37.315	ng	100
74) Di-n-butylphthalate	18.08	149	2395157	40.848	ng	99
75) Fluoranthene	19.18	202	2434031	38.964	ng	98
77) Benzidine	19.38	184	870162	40.737	ng	100
78) Pyrene	19.54	202	2469121	48.151	ng	99
80) Butylbenzylphthalate	20.44	149	946448	43.254	ng	99
81) Benzo(a)anthracene	21.29	228	2234212	43.839	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	543824	28.218	ng	100
83) Chrysene	21.34	228	2109104	42.856	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1310501	41.476	ng	99
85) Di-n-octyl phthalate	22.10	149	2196011	41.323	ng	96
86) Indeno(1,2,3-cd)pyrene	25.86	276	2447426	43.127	ng	98
88) Benzo(b)fluoranthene	22.89	252	2085978	44.168	ng	99
89) Benzo(k)fluoranthene	22.93	252	2070397	43.500	ng	99
90) Benzo(a)pyrene	23.47	252	2044751	45.224	ng	99
91) Dibenzo(a,h)anthracene	25.87	278	2057830	44.918	ng	99
92) Benzo(g,h,i)perylene	26.56	276	2033012	45.602	ng	99

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

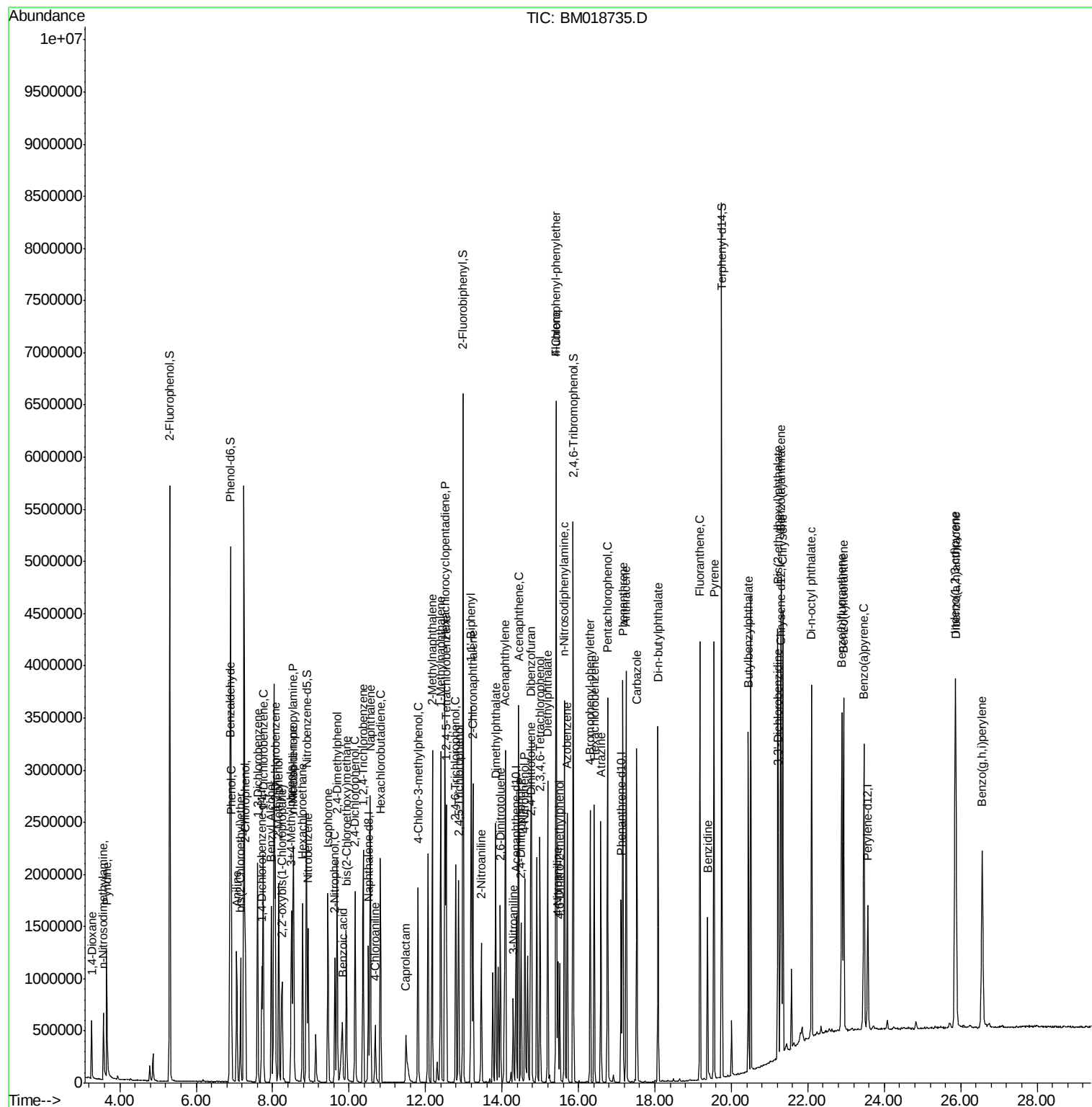
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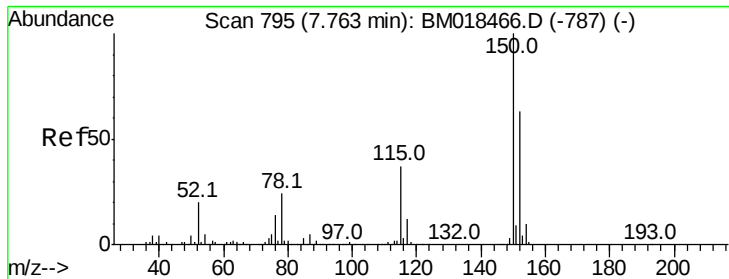
Instrument :
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#1

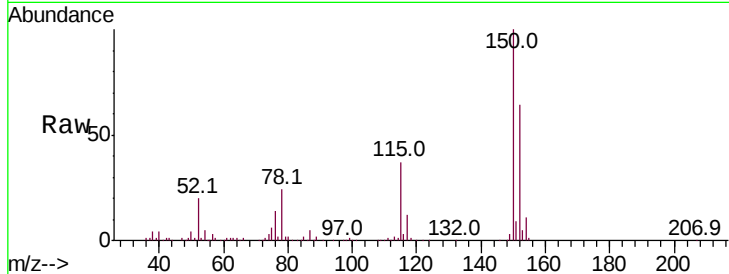
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	57.6	45.5	68.3

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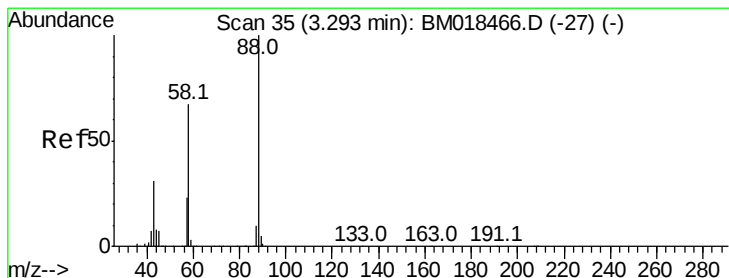
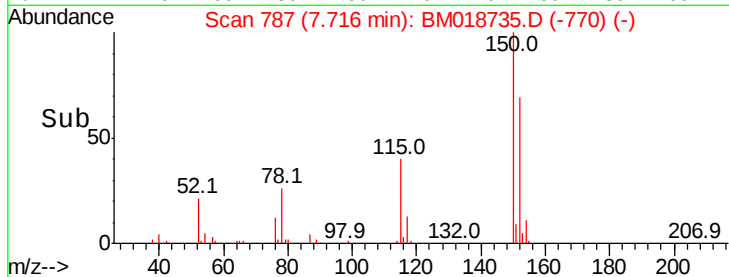
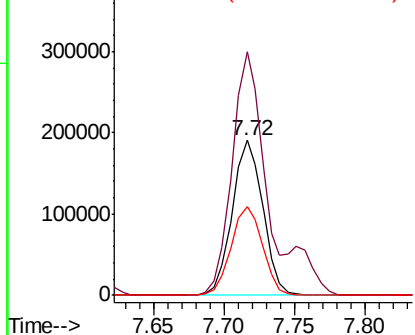


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

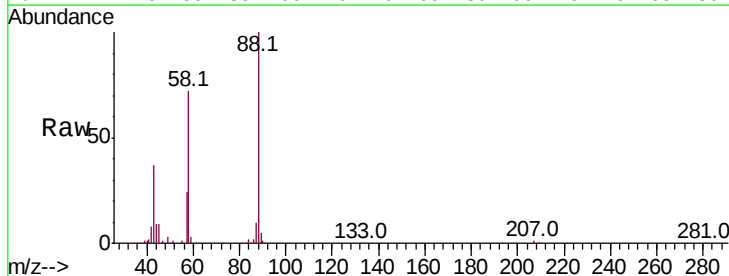
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.754 ng
RT: 3.26 min Scan# 30
Delta R.T. 0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	58.4	87.6
43	31.2	26.2	39.4

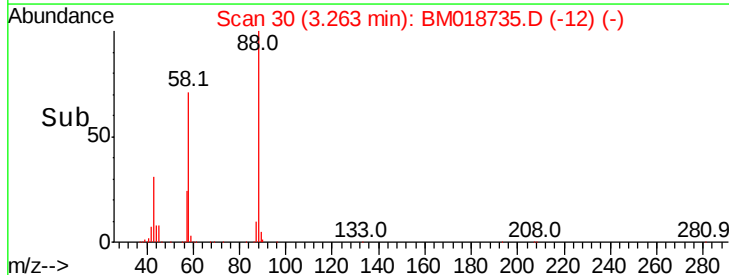
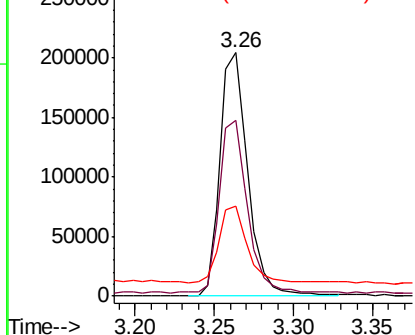


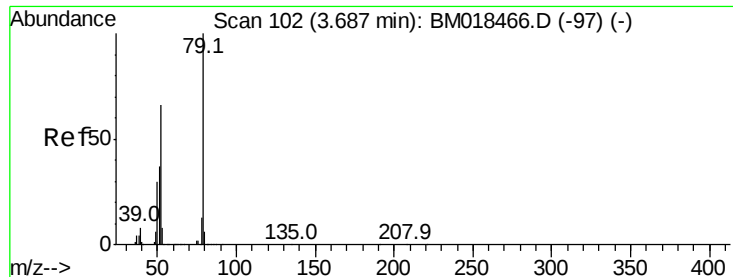
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 40.324 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.00 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

BNA_M

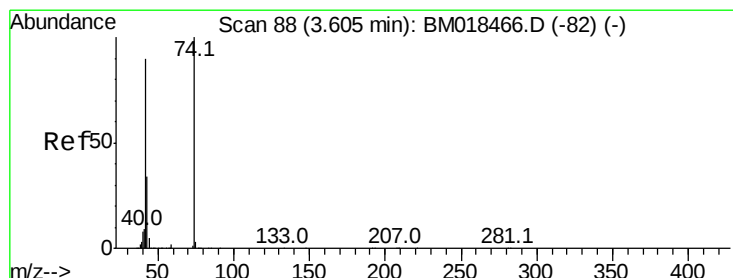
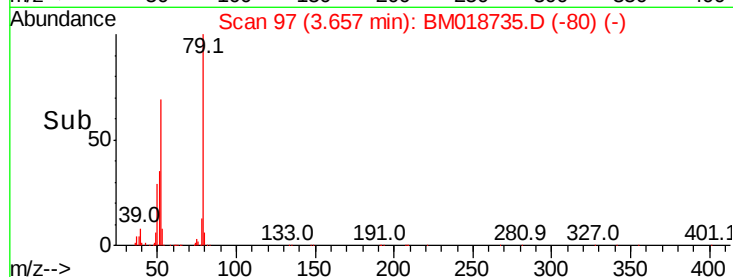
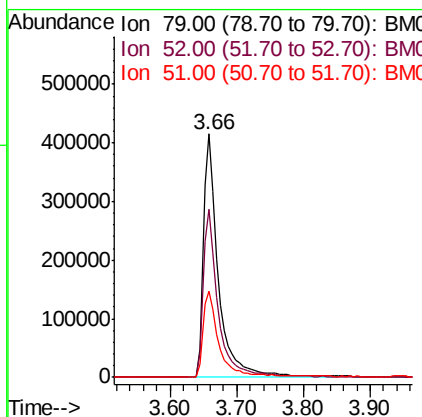
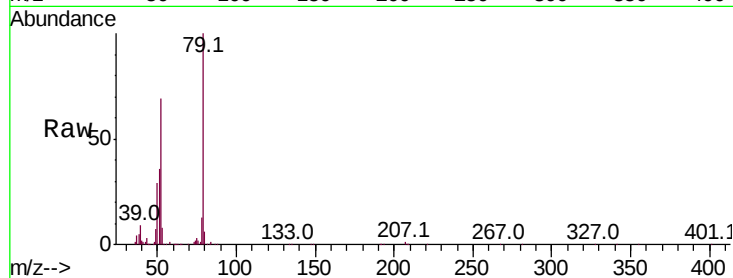
ClientSampleId :

PB116893BS

Tot Ion:	79	Resp:	639123
Ion Ratio	Lower	Upper	
79	100		
52	68.9	56.4	84.6
51	35.6	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 47.902 ng

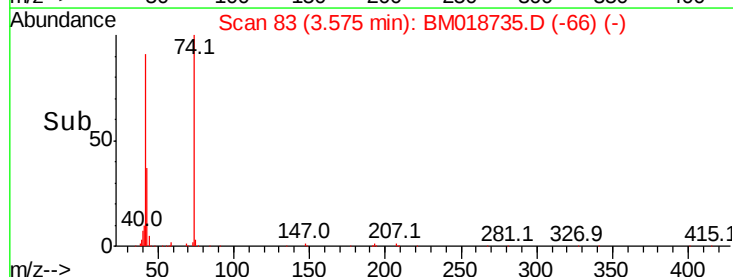
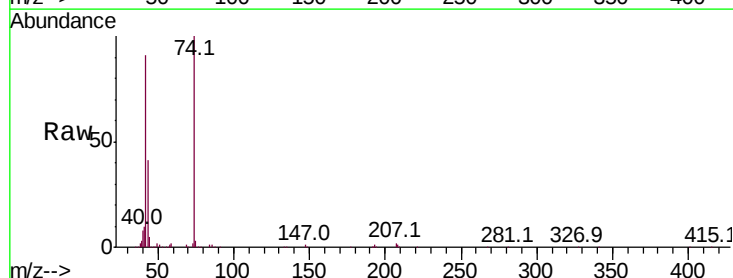
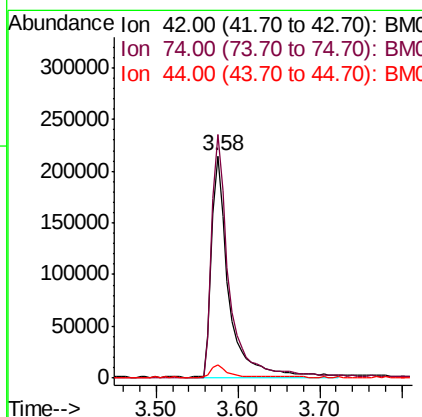
RT: 3.58 min Scan# 83

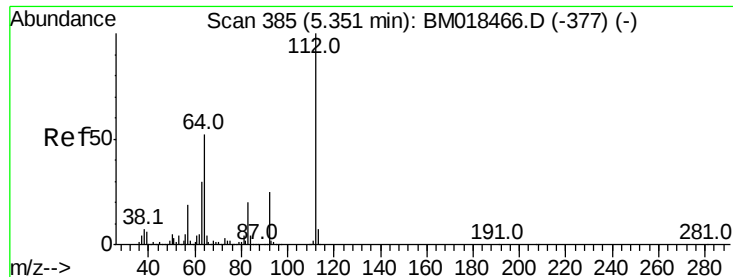
Delta R.T. 0.00 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Tgt Ion:	42	Resp:	313952
Ion Ratio	Lower	Upper	
42	100		
74	109.5	88.6	132.8
44	5.7	16.9	25.3#





#5

2-Fluorophenol

Concen: 149.231 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

BNA_M

ClientSampleId :

PB116893BS

Tot Ion:112 Resp: 2327709

Ion Ratio Lower Upper

112 100

64 53.7 46.5 69.7

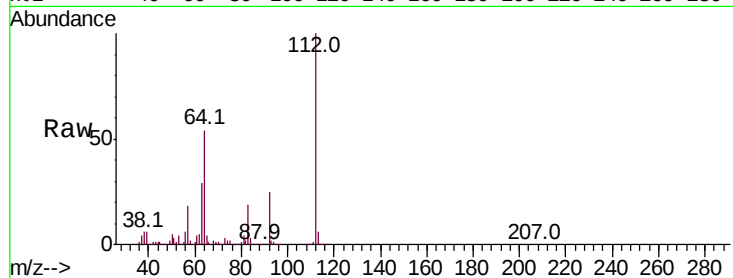
63 29.1 25.2 37.8

Manual Integrations

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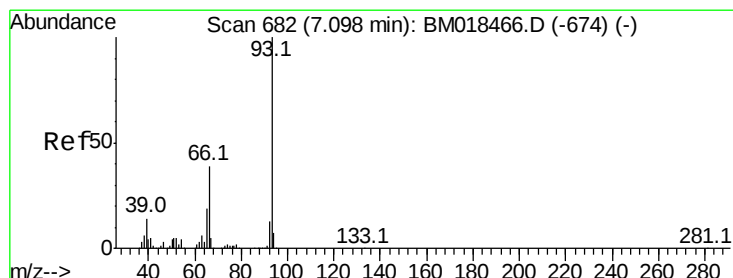
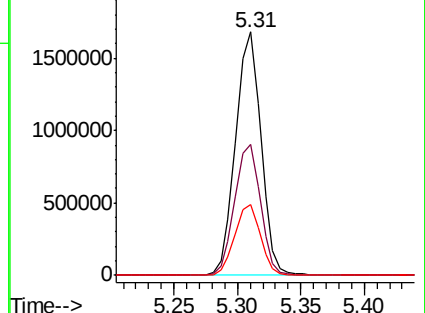
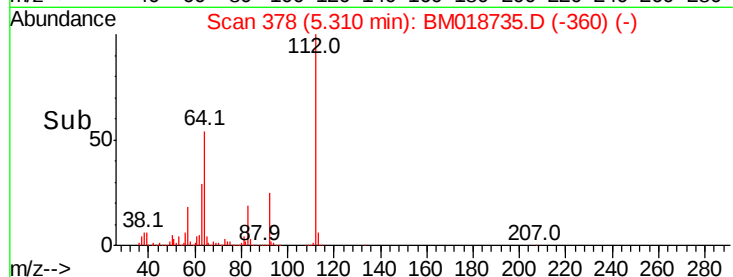
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 35.384 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

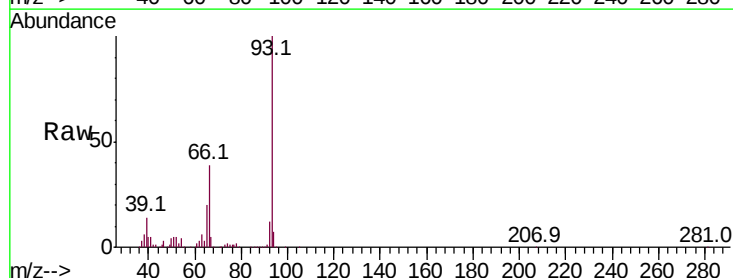
Tgt Ion: 93 Resp: 781959

Ion Ratio Lower Upper

93 100

66 39.4 31.7 47.5

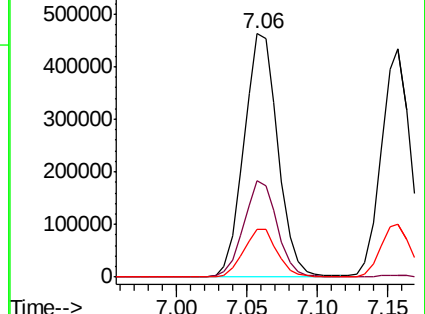
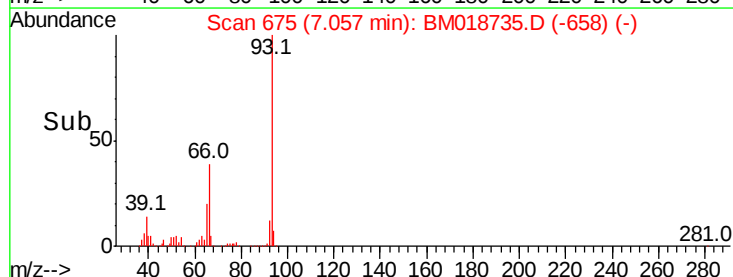
65 19.8 15.9 23.9

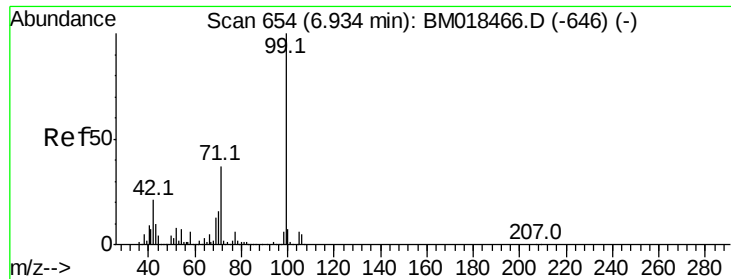


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 142.907 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018735.D

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Tot Ion: 99 Resp: 2831185

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

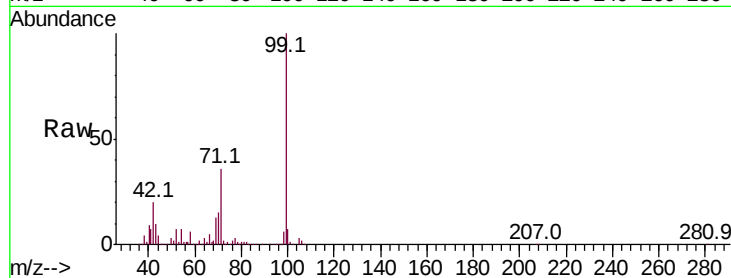
71 35.8 28.0 42.0

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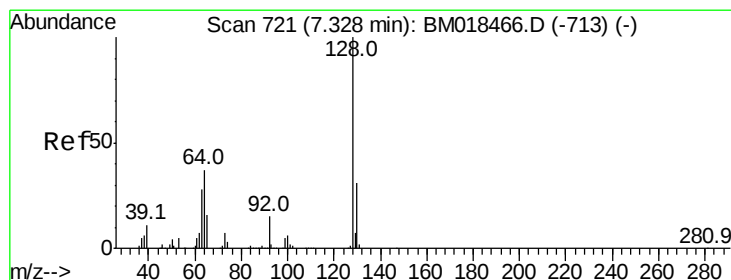
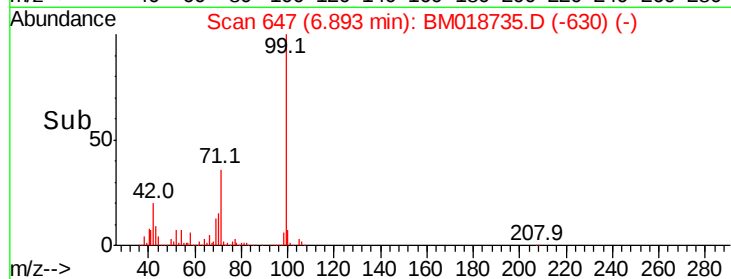
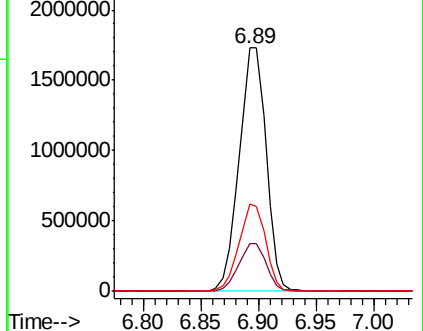
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Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 42.144 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

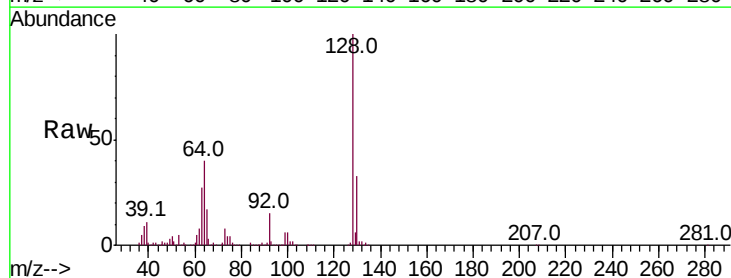
Tgt Ion: 128 Resp: 767736

Ion Ratio Lower Upper

128 100

130 32.6 13.6 53.6

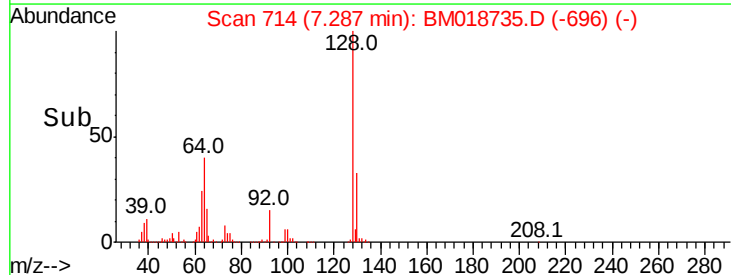
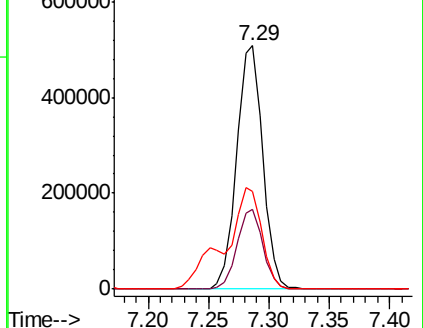
64 40.2 24.8 64.8

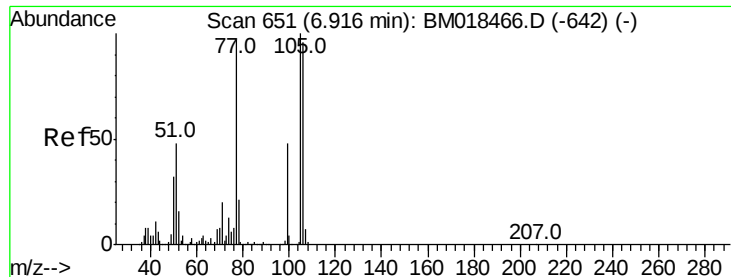


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 28.405 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

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Tot Ion: 77 Resp: 350996

Ion Ratio Lower Upper

77 100

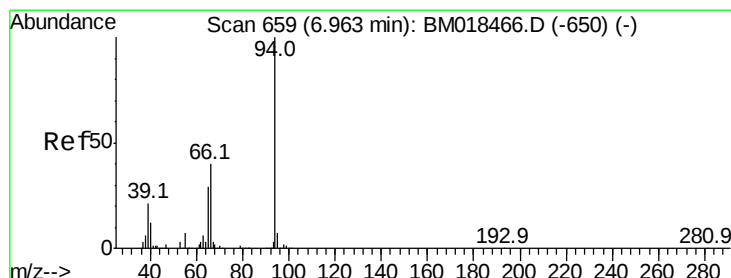
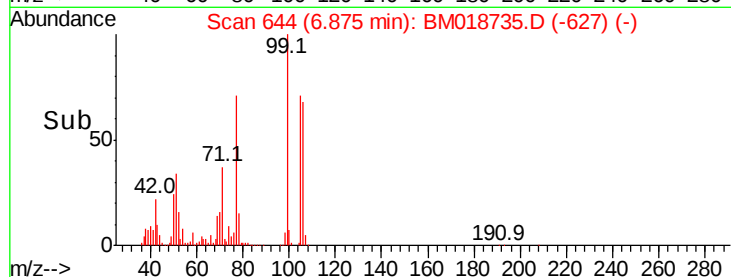
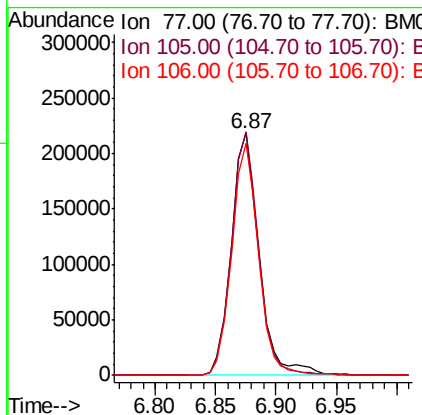
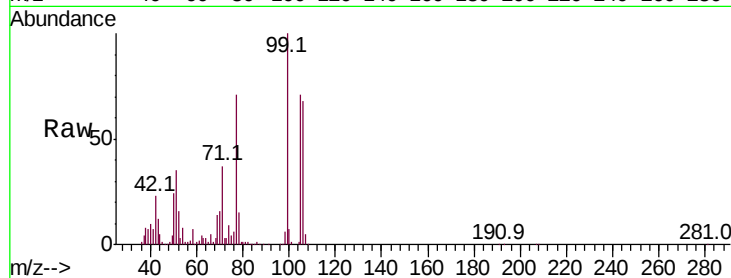
105 100.7 79.7 119.7

106 96.0 75.2 115.2

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#10

Phenol

Concen: 41.305 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

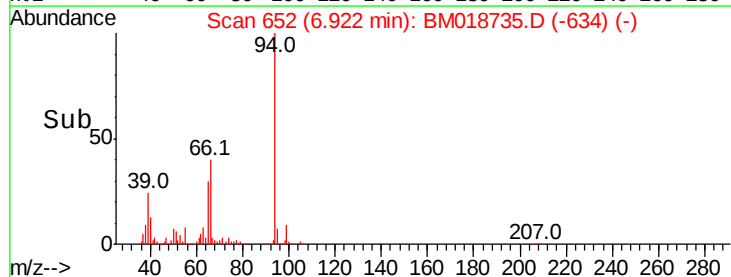
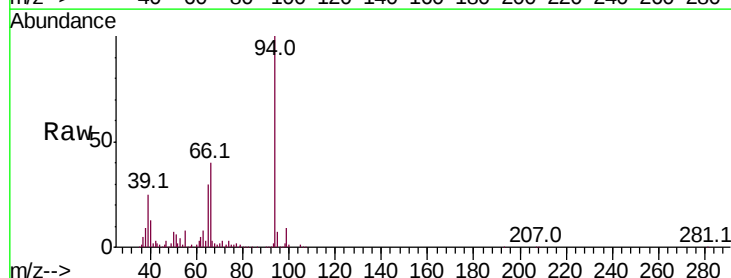
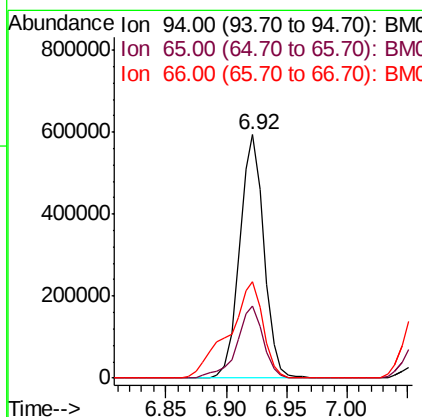
Tgt Ion: 94 Resp: 831531

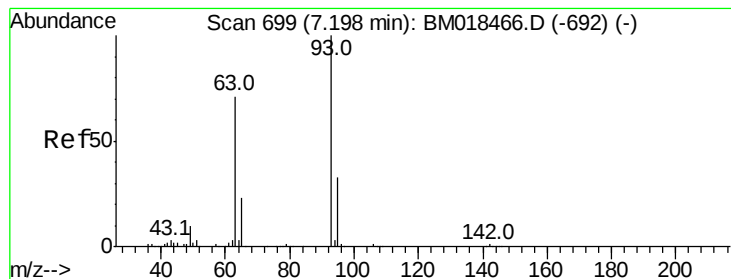
Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

66 39.5 19.1 59.1





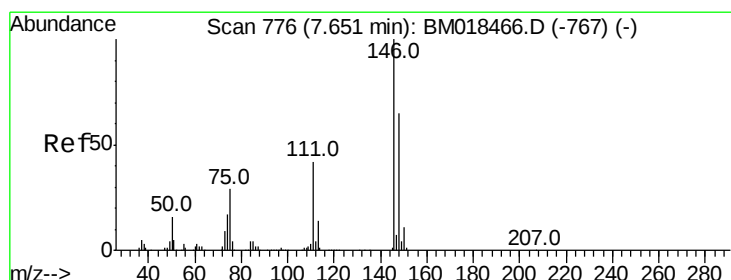
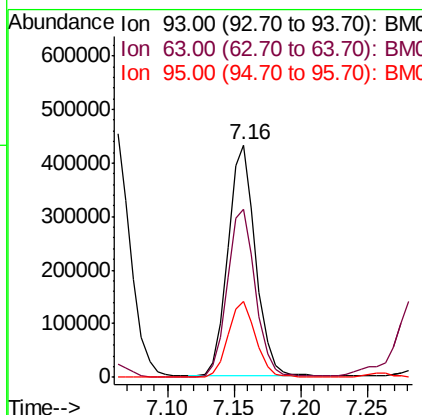
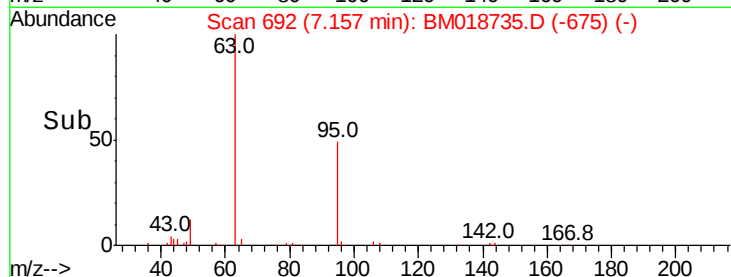
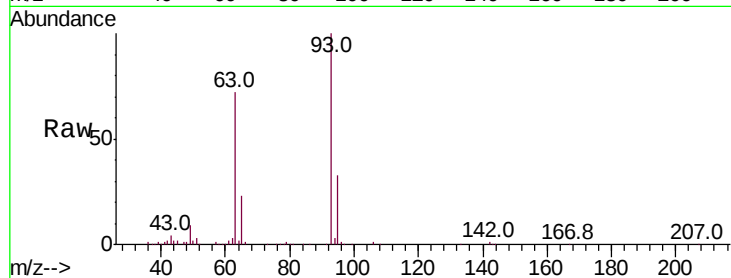
#11
bis(2-Chloroethyl)ether
Concen: 39.257 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	56.4	96.4
95	32.7	12.7	52.7

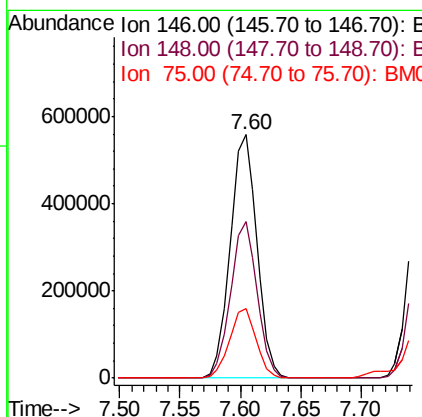
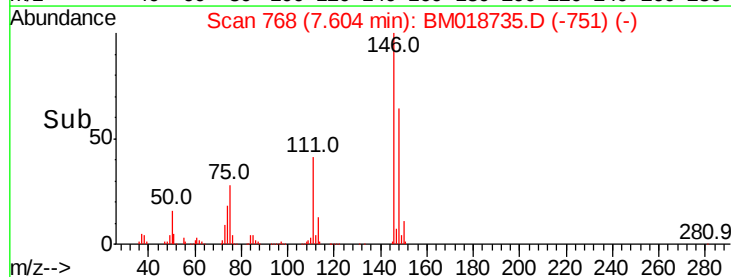
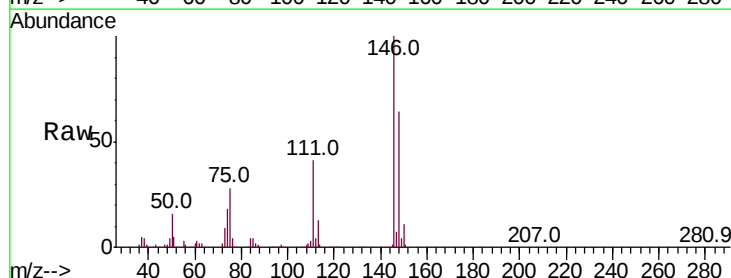
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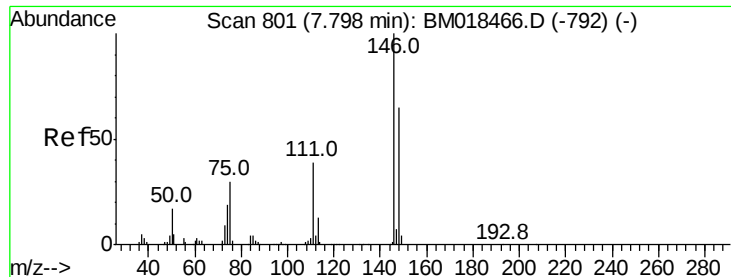
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#12
1,3-Dichlorobenzene
Concen: 39.634 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.5	75.7
75	28.5	23.0	34.6





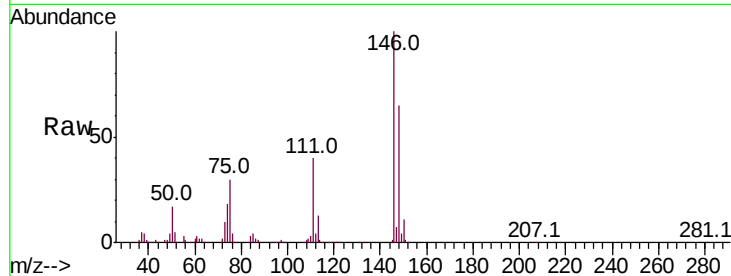
#13
 1,4-Dichlorobenzene
 Concen: 39.519 ng
 RT: 7.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Instrument :
 BNA_M
 ClientSampleId :
 PB116893BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	40.0	32.2	48.2

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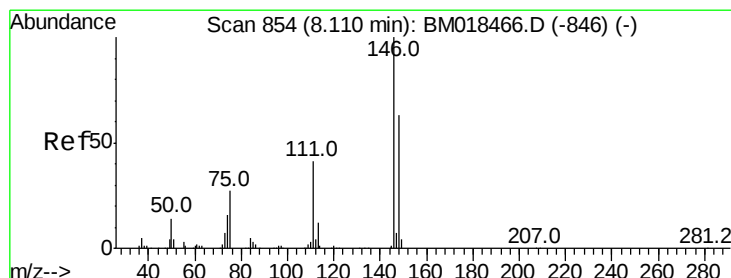
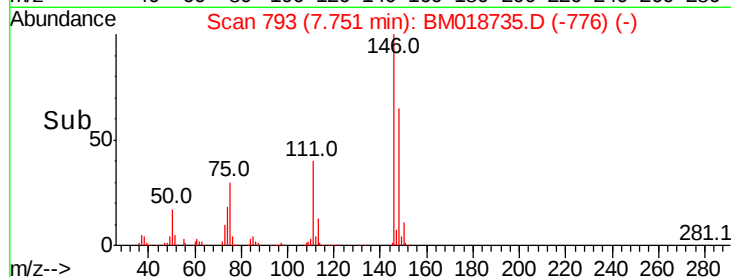
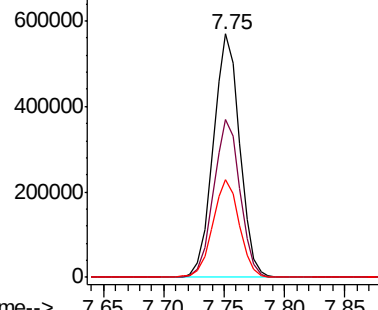


Abundance

Ion 146.00 (145.70 to 146.70): E

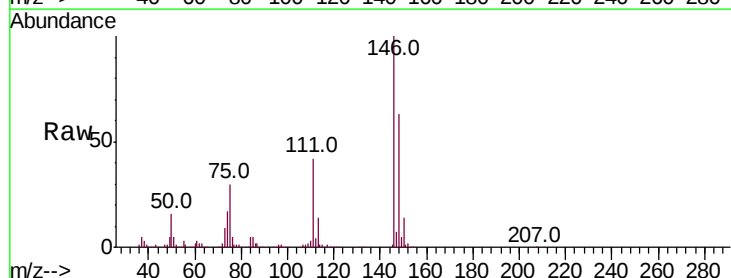
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.835 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
111	41.8	33.8	50.6

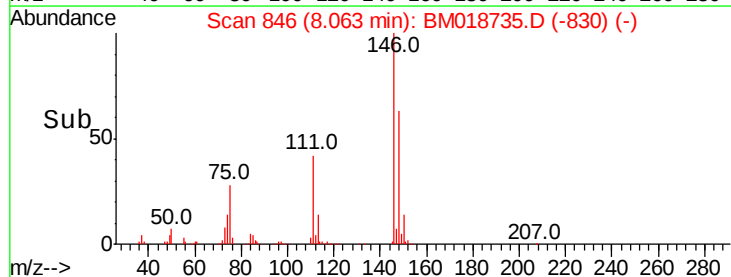
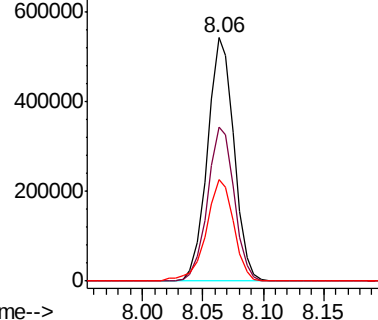


Abundance

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: 39.541 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

BNA_M

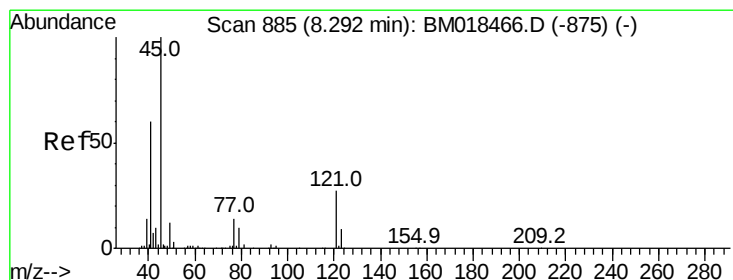
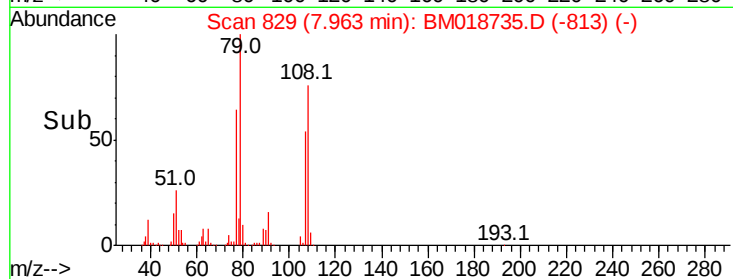
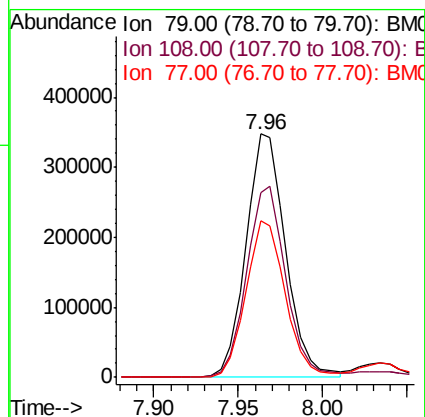
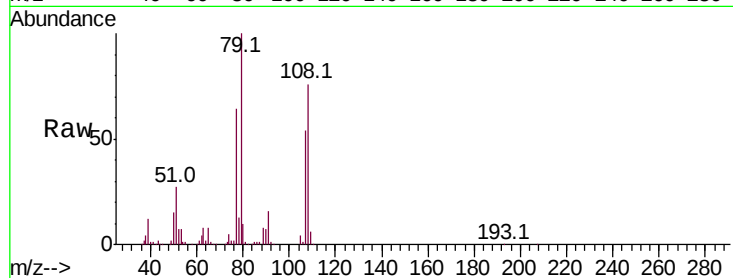
ClientSampleId :

PB116893BS

Tot Ion:	79	Resp:	565789
Ion Ratio	Lower	Upper	
79	100		
108	76.0	60.4	90.6
77	64.3	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.575 ng

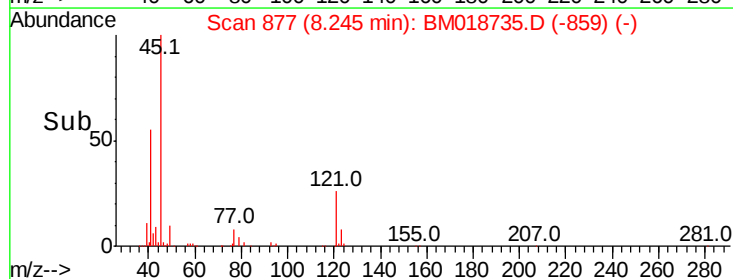
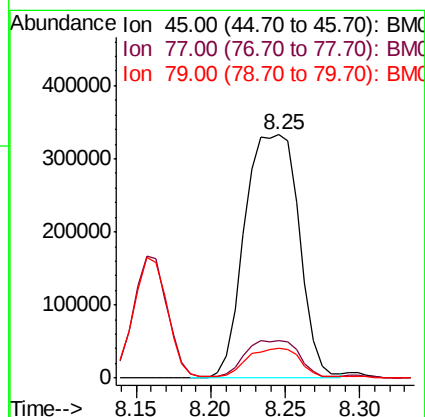
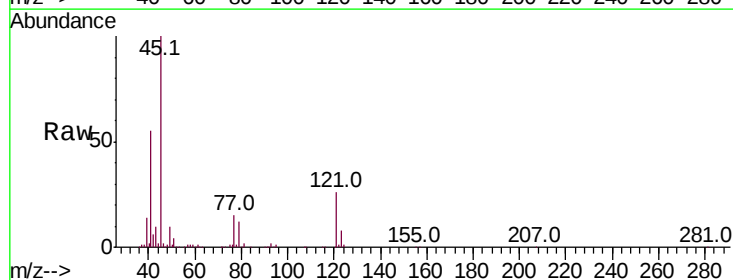
RT: 8.25 min Scan# 877

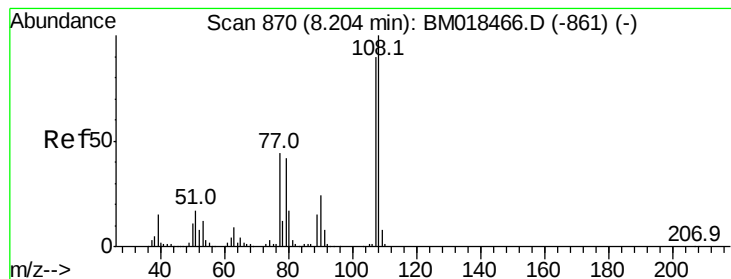
Delta R.T. 0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Tgt Ion:	45	Resp:	840444
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	33.4
79	12.1	0.0	31.1





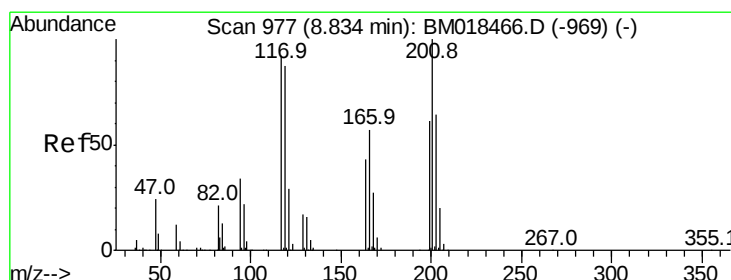
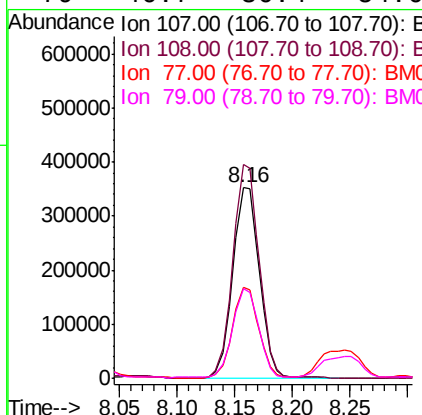
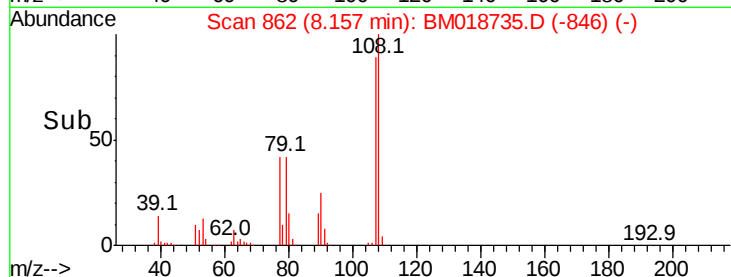
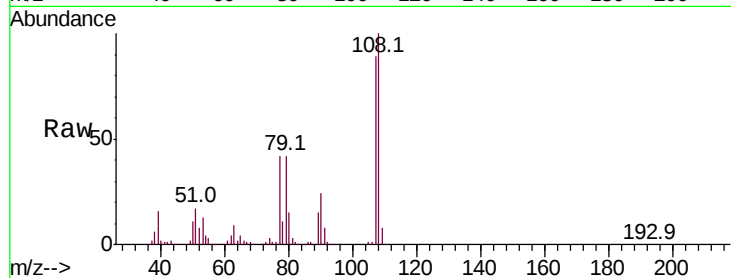
#17
2-Methylphenol
Concen: 41.330 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	87.5	131.3	
77	47.5	37.3	55.9	
79	46.7	36.4	54.6	

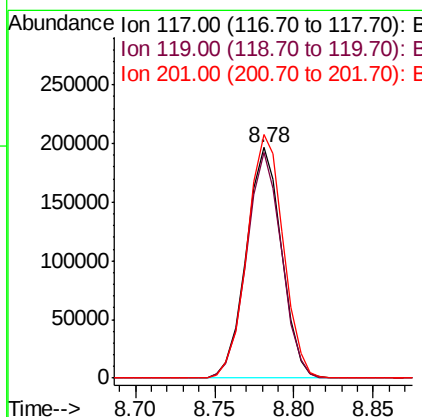
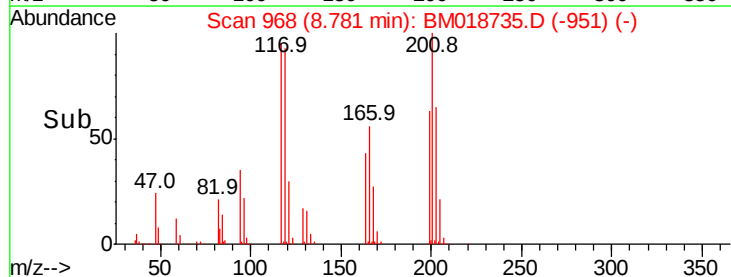
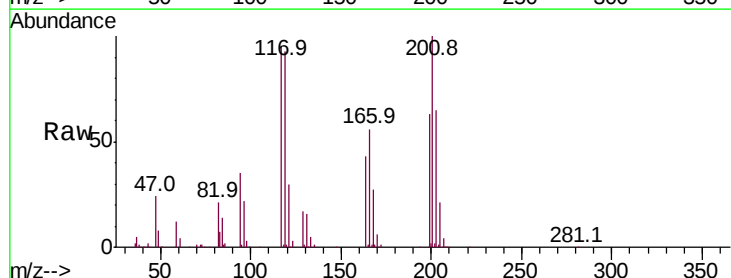
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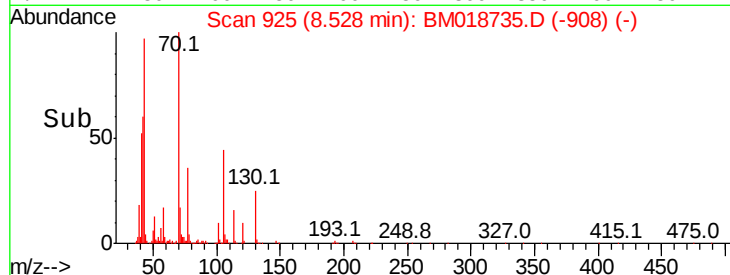
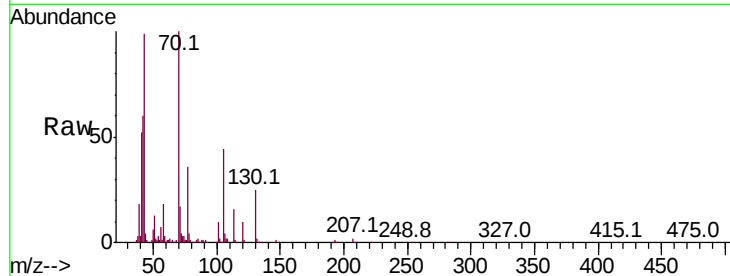
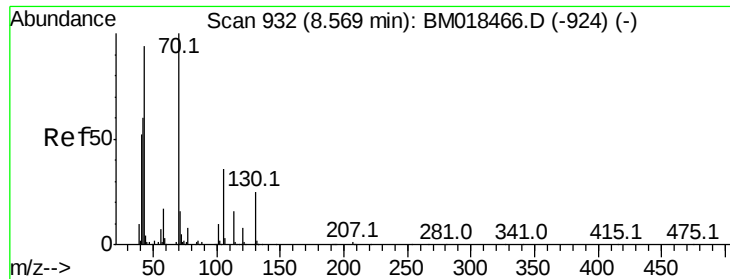
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#18
Hexachloroethane
Concen: 38.813 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	78.3	117.5	
201	105.6	81.4	122.0	





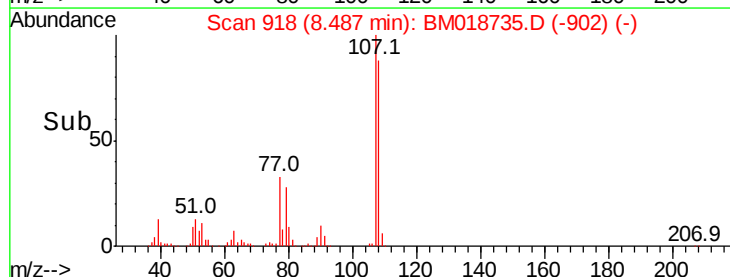
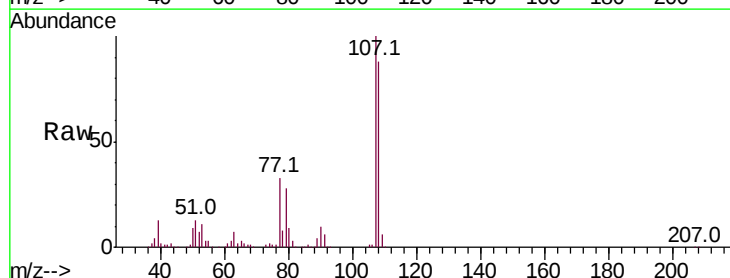
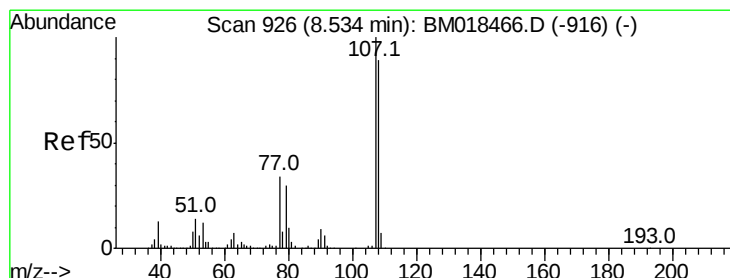
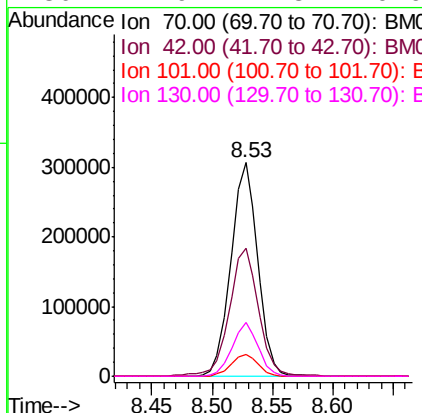
#19
n-Nitroso-di-n-propylamine
Concen: 36.843 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.7	54.0	81.0
101	10.4	8.1	12.1
130	24.9	17.8	26.6

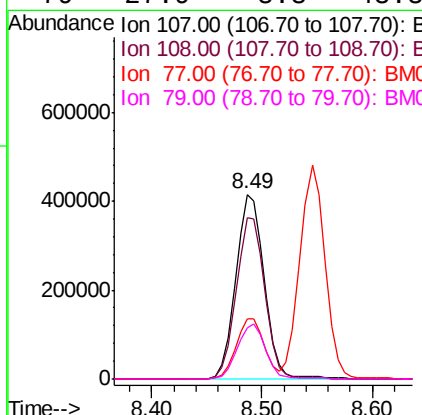
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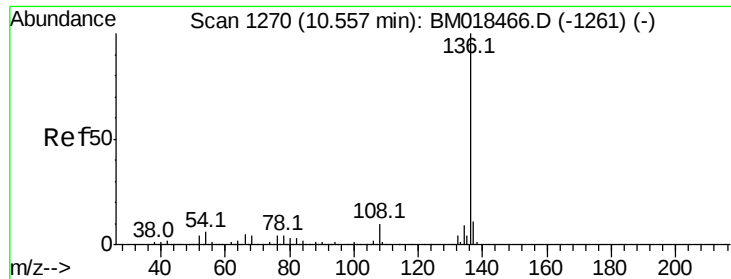
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#20
3+4-Methylphenols
Concen: 39.788 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	66.8	106.8
77	32.6	13.3	53.3
79	27.9	8.8	48.8





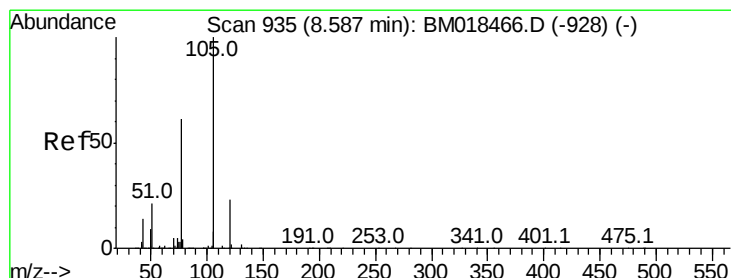
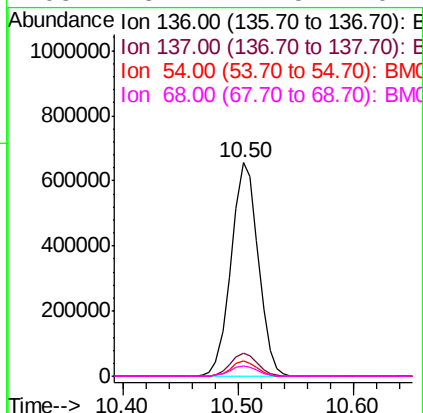
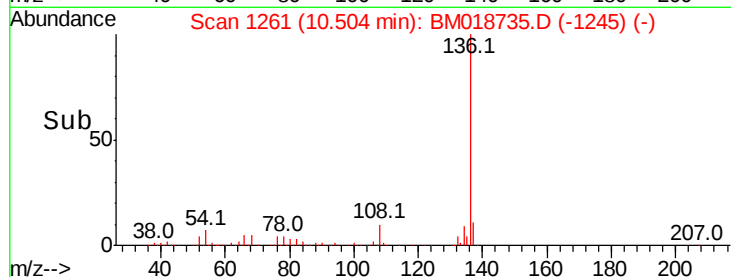
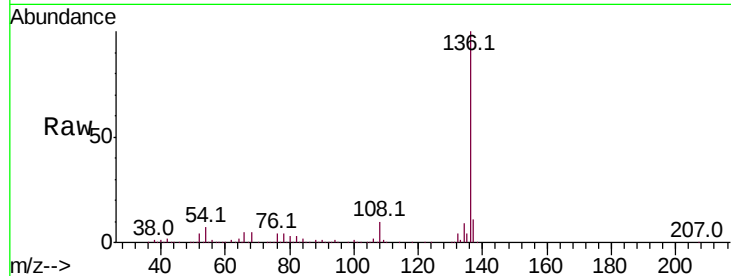
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.1	6.0	9.0
68	5.1	4.5	6.7

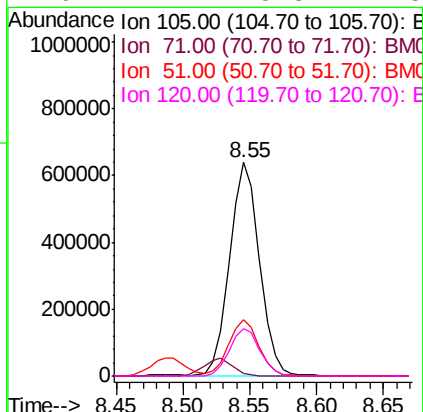
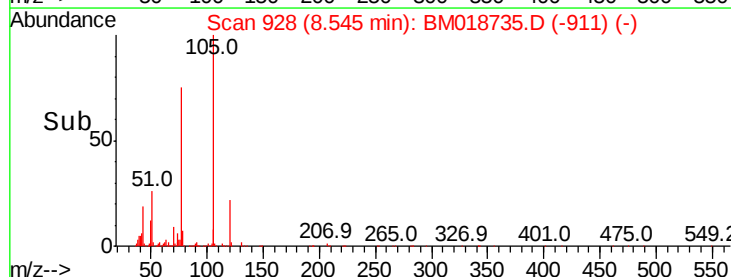
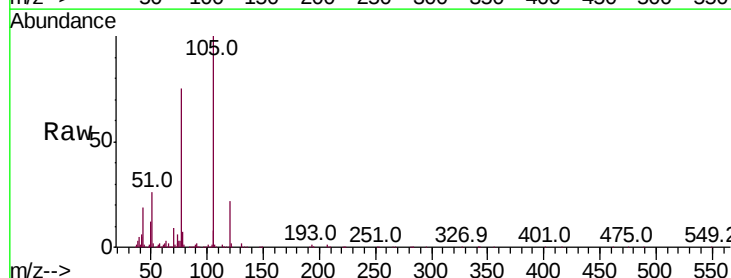
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#22
Acetophenone
Concen: 37.763 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.4	1.7	2.5#
51	26.2	22.6	34.0
120	22.2	18.3	27.5





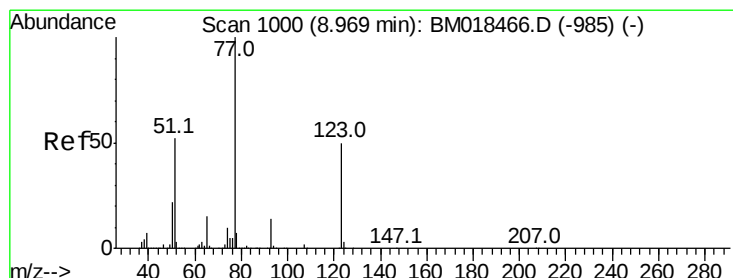
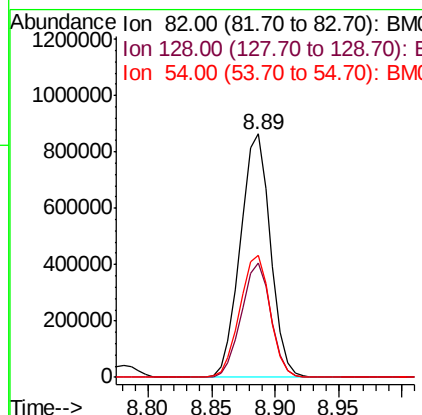
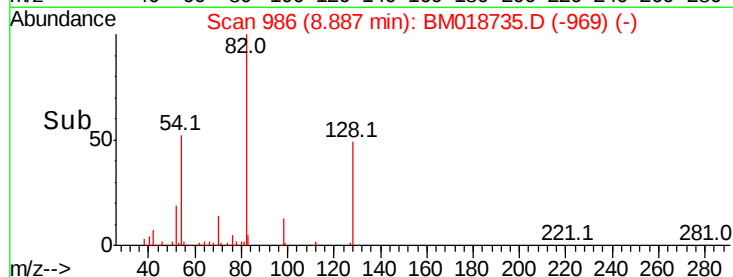
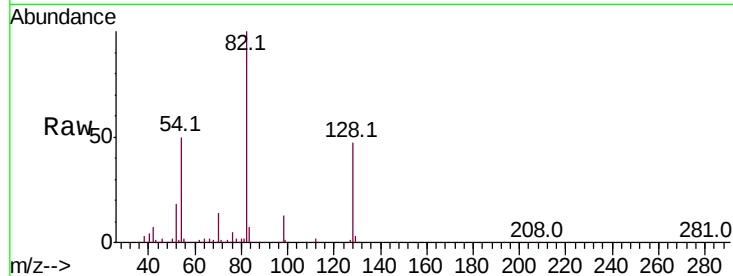
#23
Nitrobenzene-d5
Concen: 77.827 ng
RT: 8.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	49.9	41.7	62.5

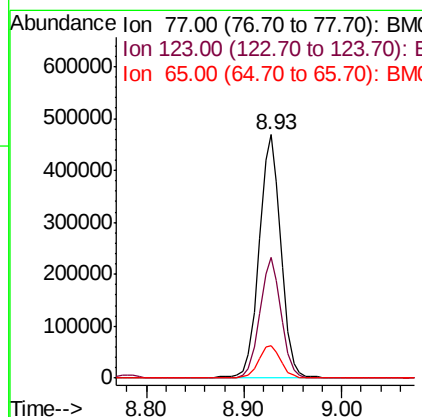
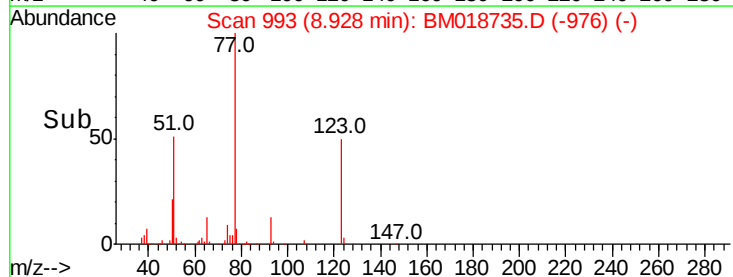
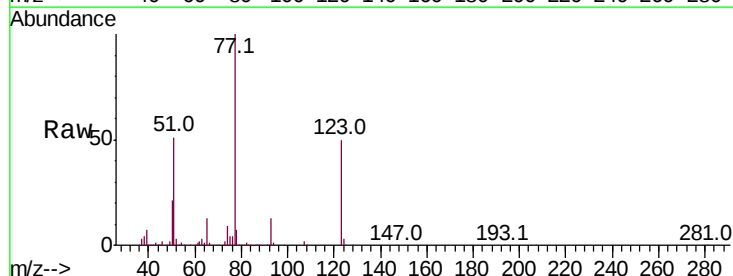
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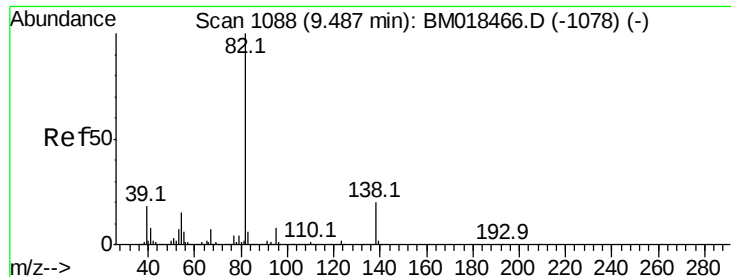
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#24
Nitrobenzene
Concen: 40.680 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	37.7	56.5
65	13.4	11.0	16.6





#25

Isophorone

Concen: 43.914 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

BNA_M

ClientSampled :

PB116893BS

Tot Ion: 82 Resp: 1221138

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

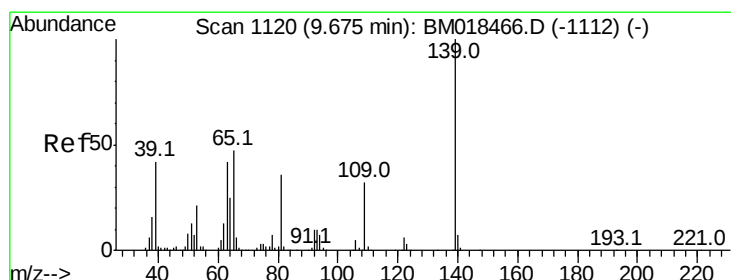
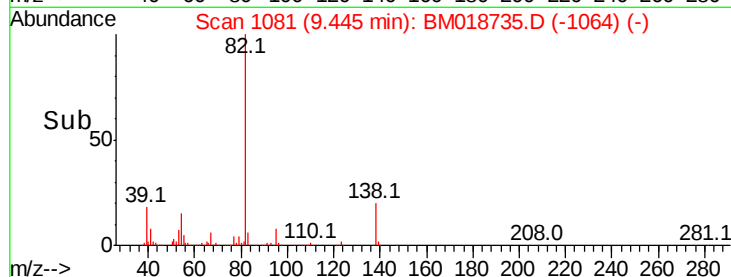
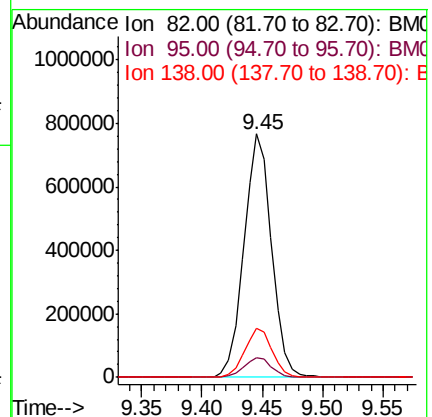
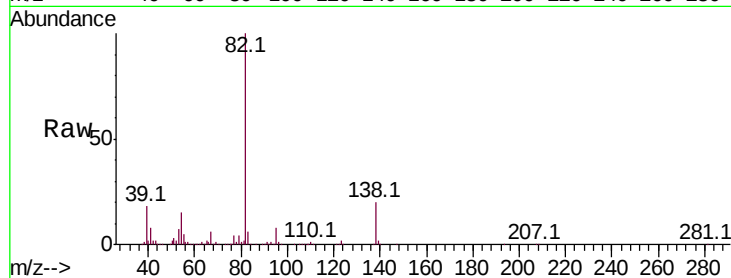
138 19.9 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.858 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

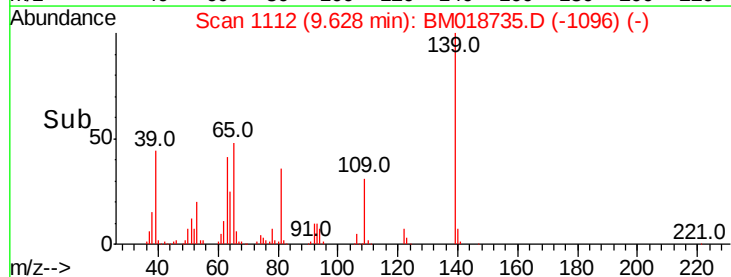
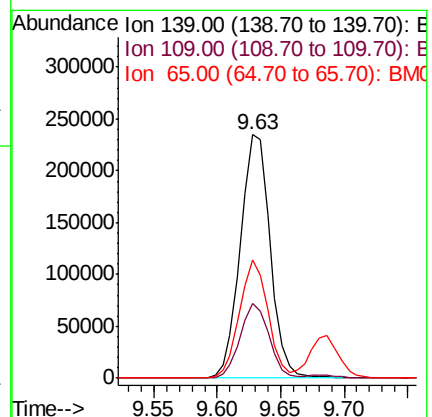
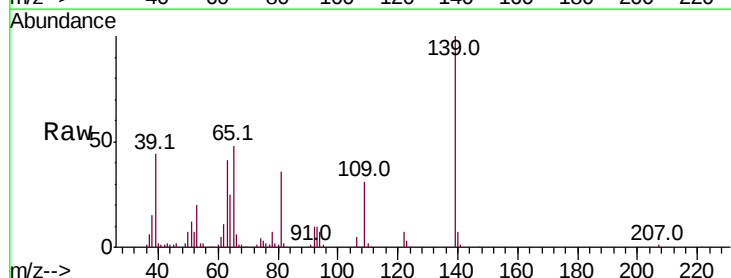
Tgt Ion: 139 Resp: 383175

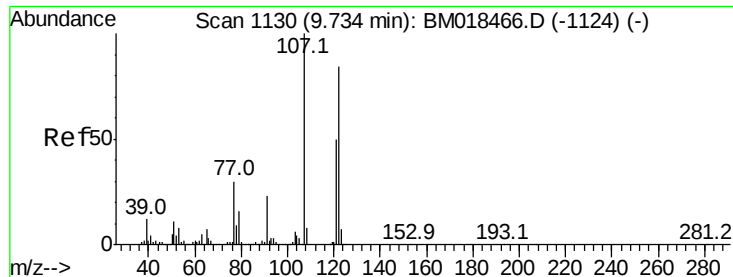
Ion Ratio Lower Upper

139 100

109 30.7 23.4 35.2

65 48.4 39.4 59.2





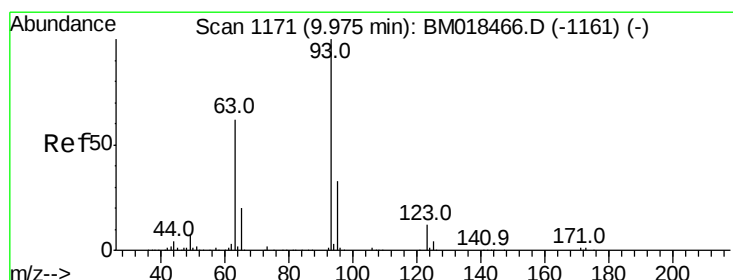
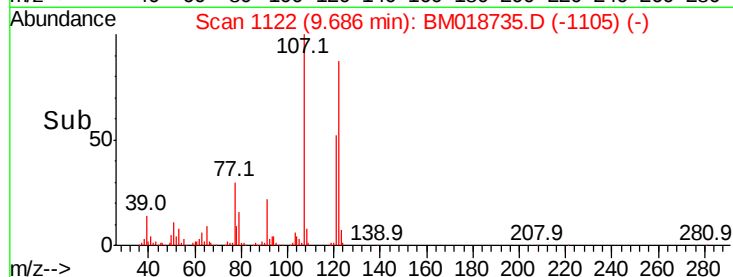
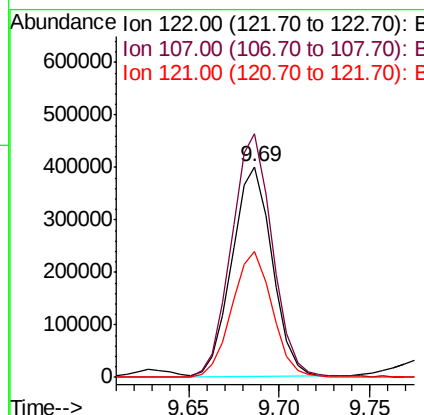
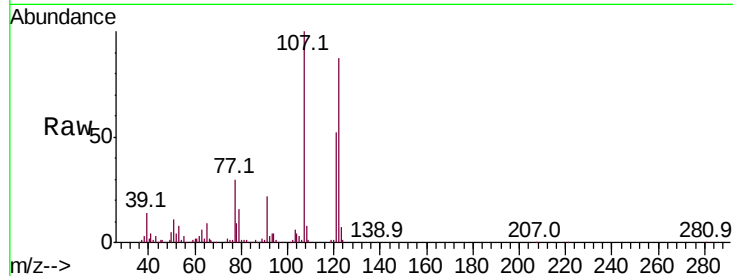
#27
2,4-Dimethylphenol
Concen: 47.123 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	617092		
107	115.6	91.9	137.9	
121	59.9	47.5	71.3	

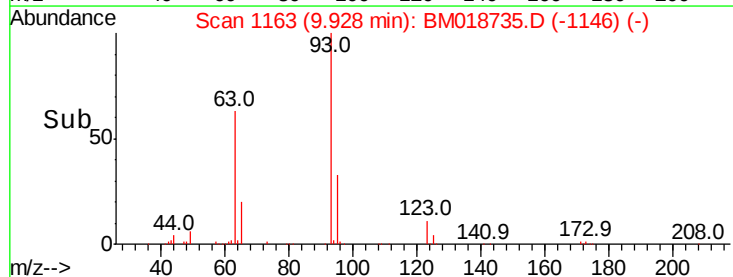
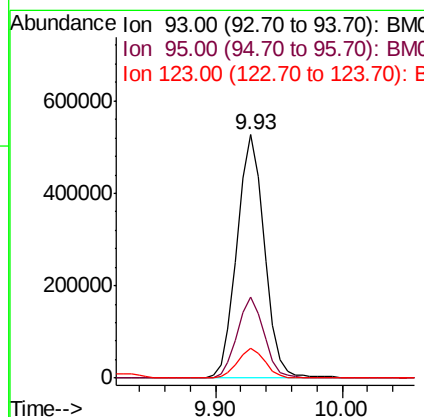
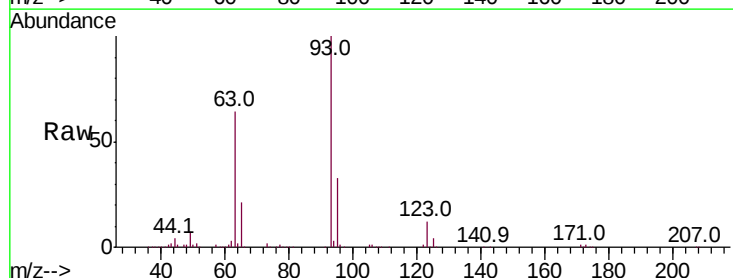
Manual Integrations
APPROVED

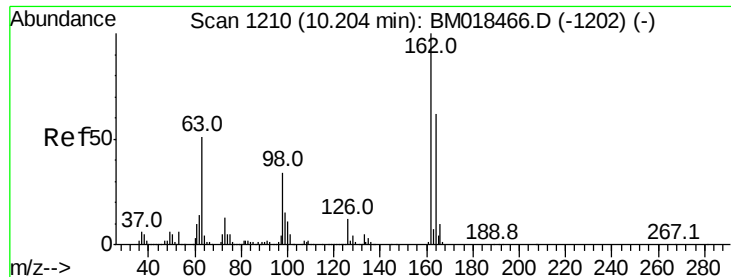
Sohil
2/11/2019 5:02:52 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.130 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	790093		
95	33.1	26.6	39.8	
123	12.3	9.9	14.9	





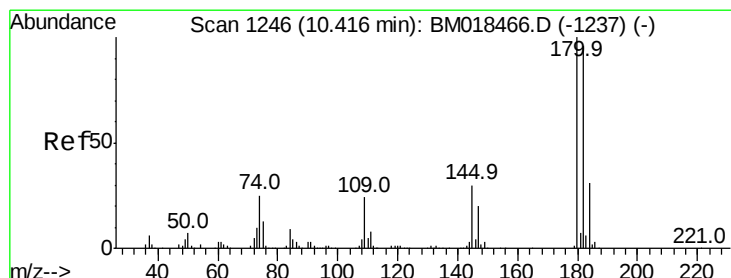
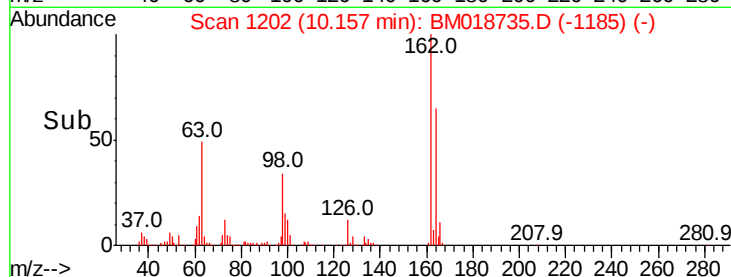
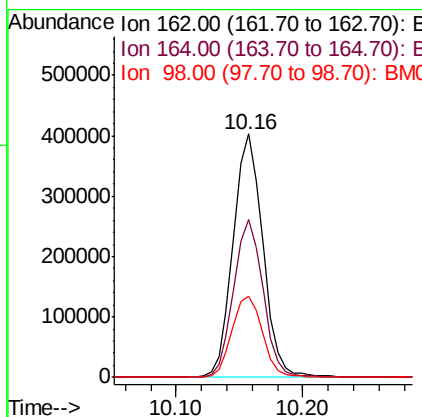
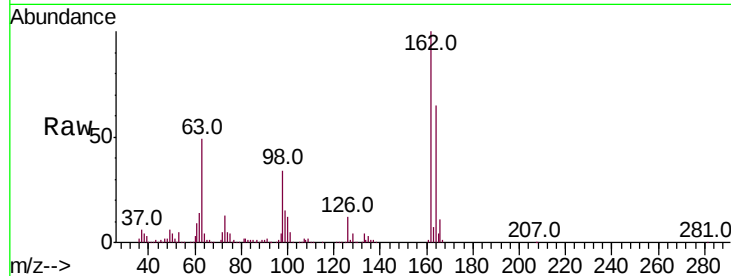
#29
 2,4-Dichlorophenol
 Concen: 41.918 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Instrument :
 BNA_M
 ClientSampled :
 PB116893BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	653637		
164	64.8	45.6	85.6	
98	33.5	14.7	54.7	

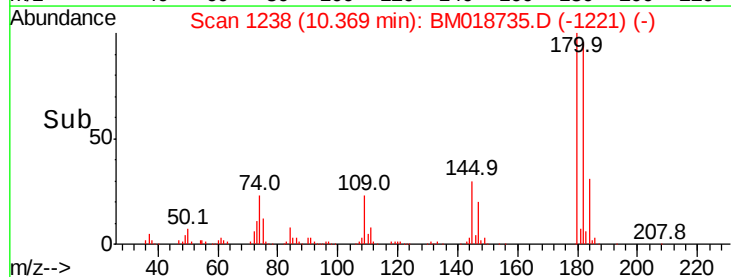
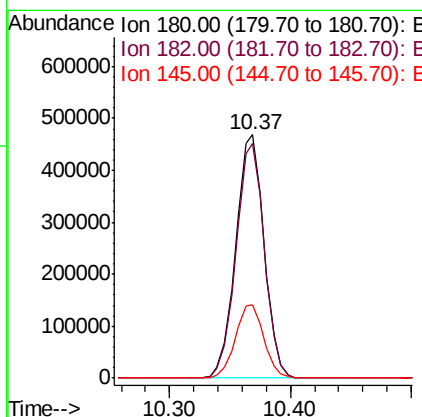
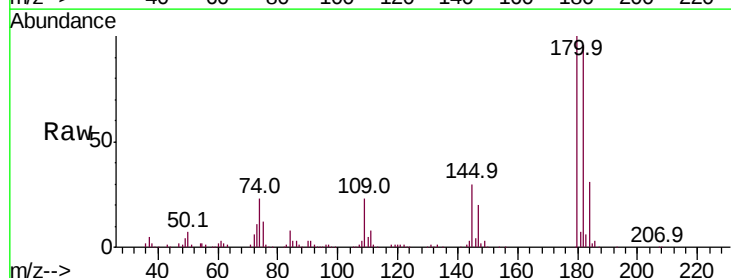
Manual Integrations
 APPROVED

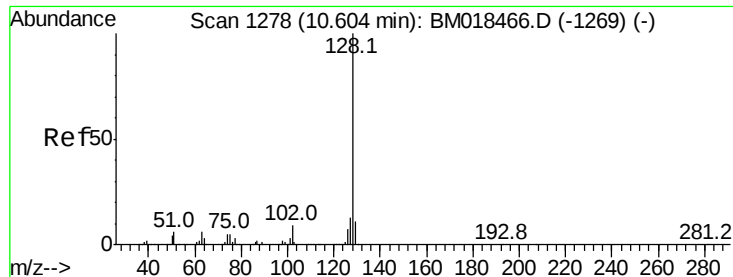
Sohil
 2/11/2019 5:02:52 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.530 ng
 RT: 10.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	765104		
182	96.1	77.4	116.2	
145	30.1	24.6	37.0	





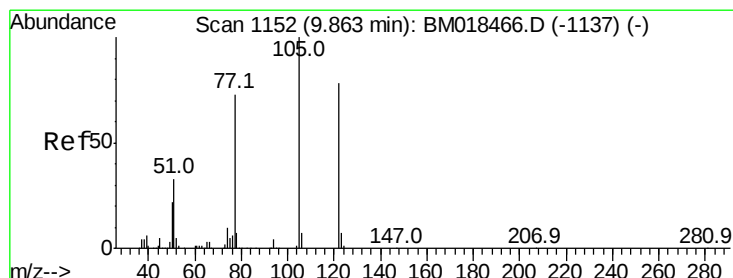
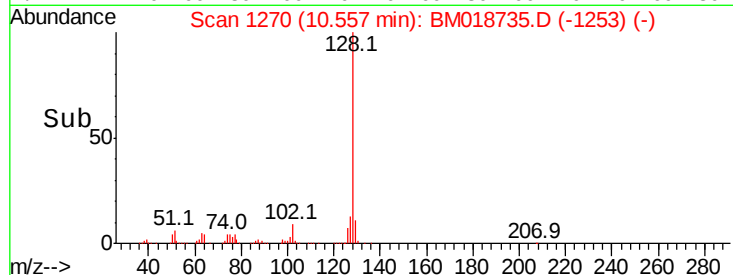
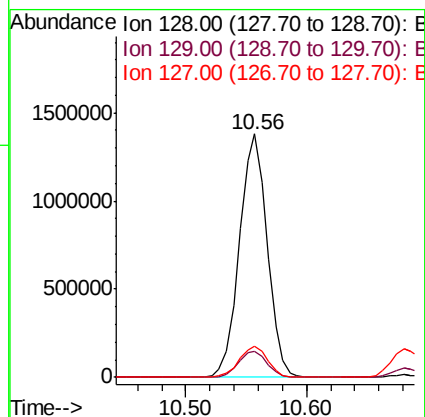
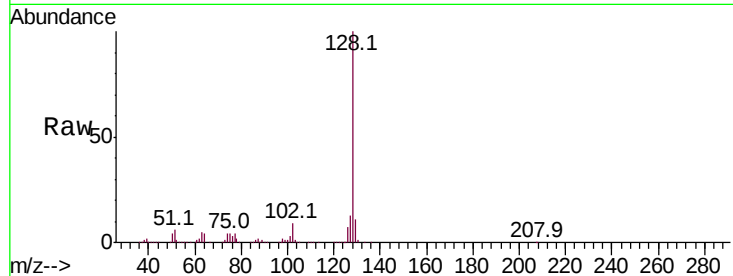
#31
Naphthalene
Concen: 43.125 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.0	10.8	16.2

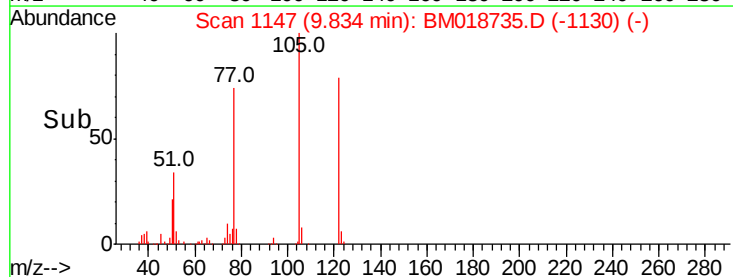
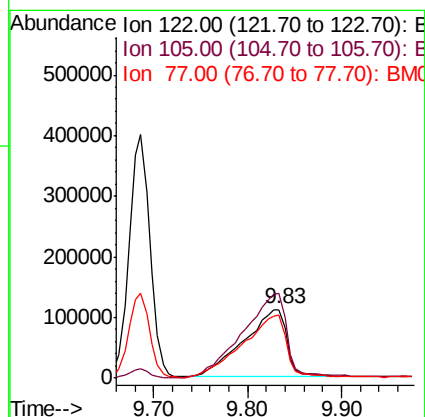
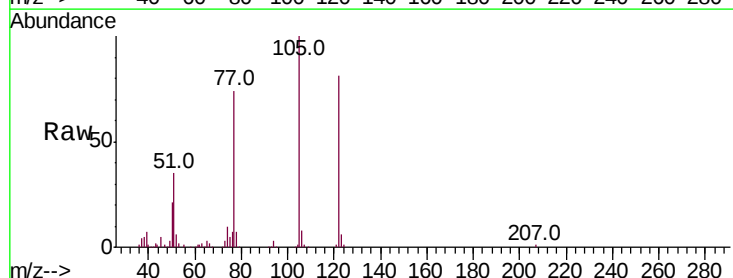
Manual Integrations
APPROVED

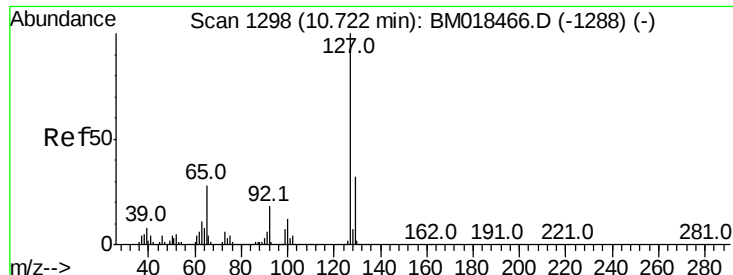
Sohil
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#32
Benzoic acid
Concen: 40.123 ng
RT: 9.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.9	100.4	140.4
77	92.1	71.7	111.7





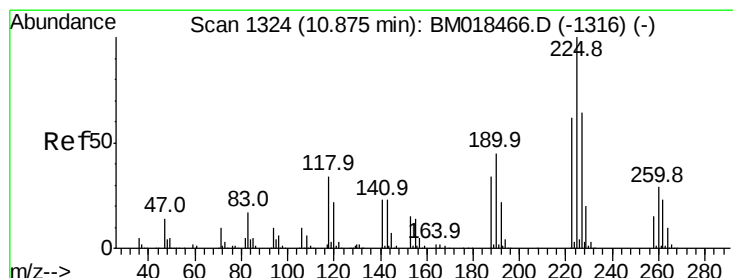
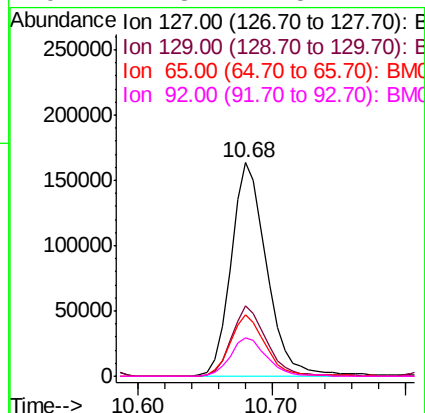
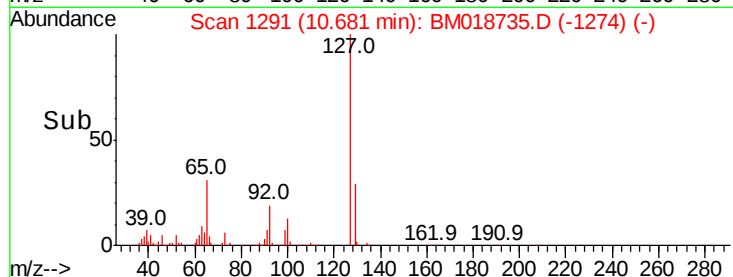
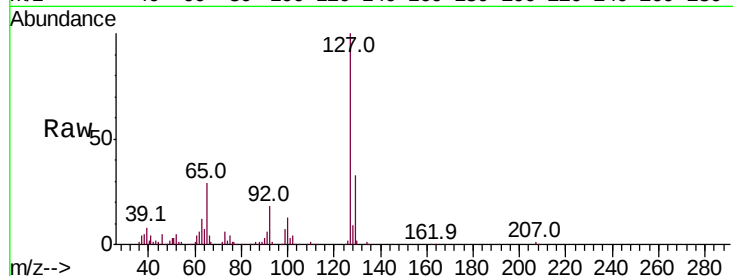
#33
4-Chloroaniline
Concen: 15.000 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampled :
PB116893BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	25.9	38.9	
65	28.8	23.4	35.2	
92	17.8	14.5	21.7	

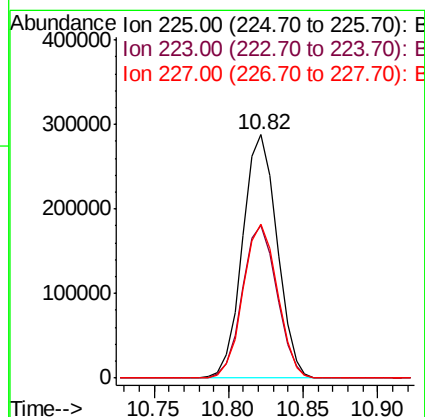
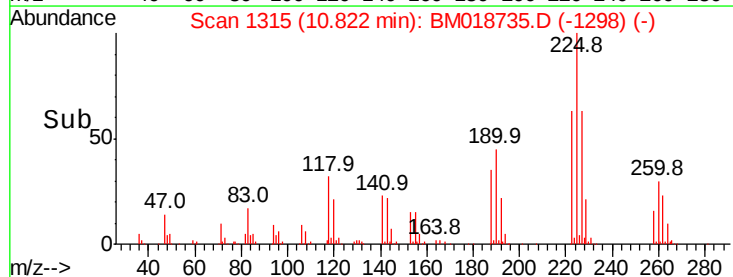
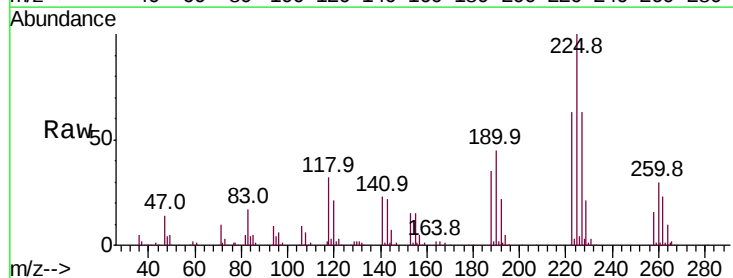
Manual Integrations
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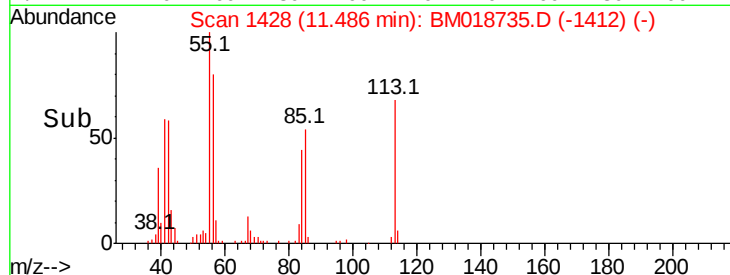
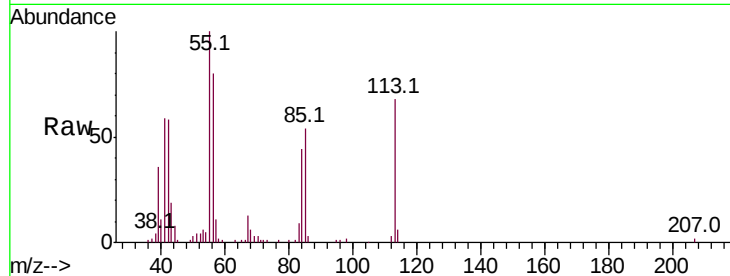
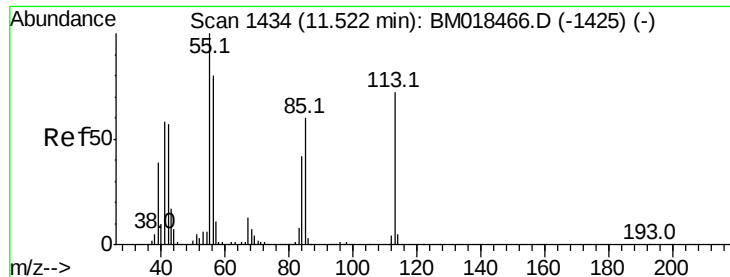
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#34
Hexachlorobutadiene
Concen: 37.676 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.8	76.2	
227	63.4	50.4	75.6	





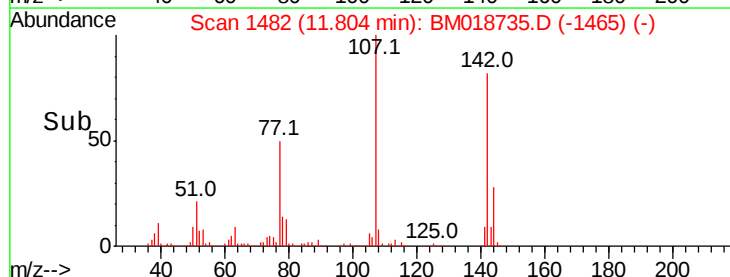
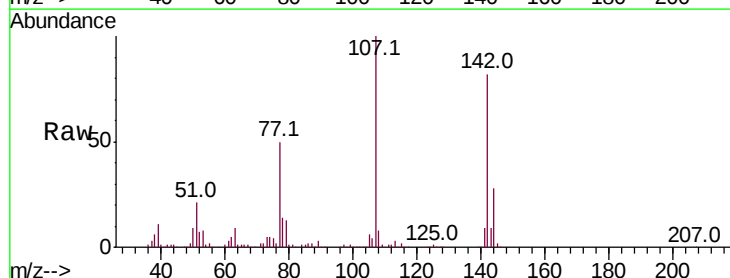
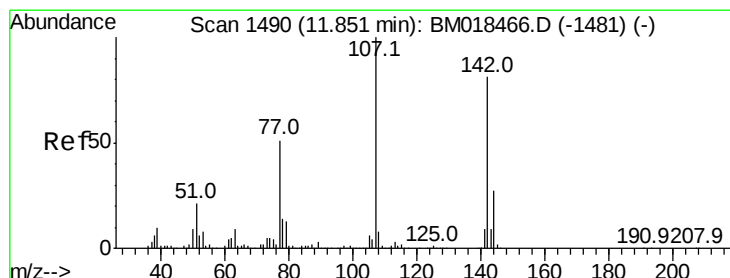
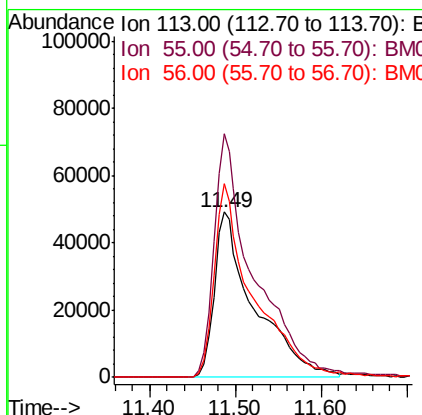
#35
Caprolactam
Concen: 30.109 ng/ml
RT: 11.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tot Ion	Ratio	Resp	Lower	Upper
113	100	159625		
55	147.3	139.3	179.3	
56	117.2	101.4	141.4	

Instrument :
BNA_M
ClientSampleID :
PB116893BS

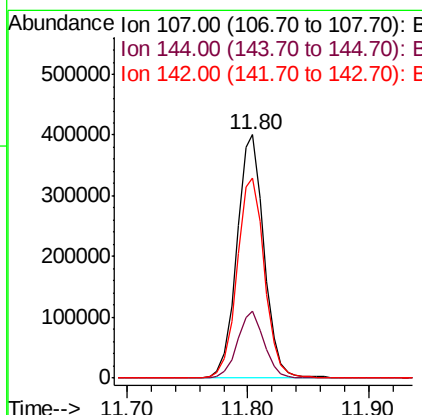
Manual Integrations
APPROVED

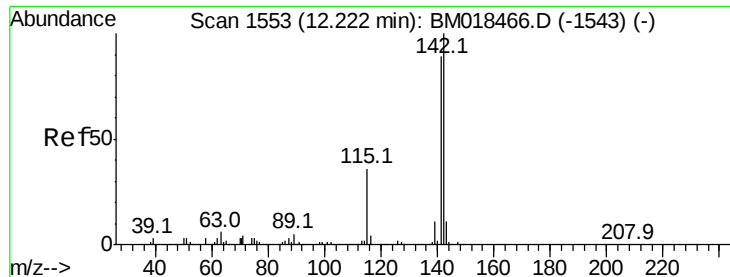
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 38.302 ng/ml
RT: 11.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	626603		
144	27.5	21.9	32.9	
142	82.4	67.9	101.9	





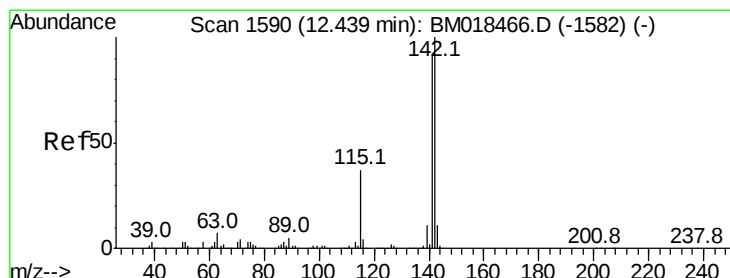
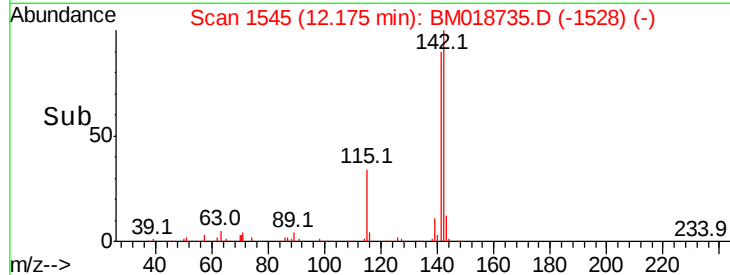
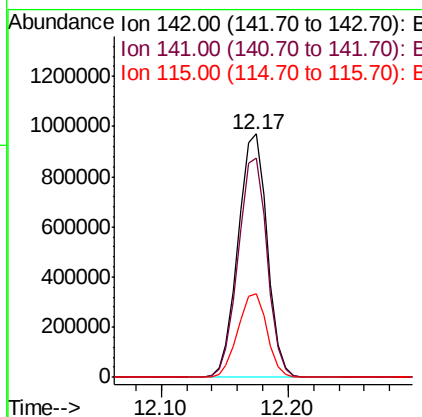
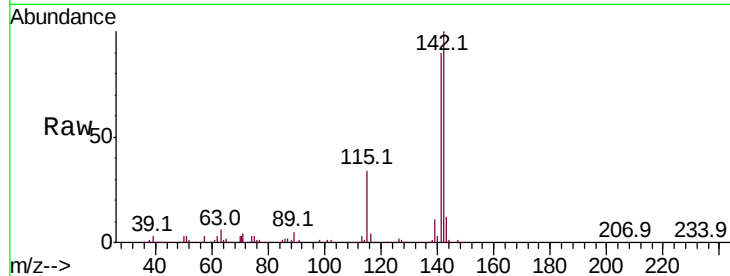
#37
2-Methylnaphthalene
Concen: 42.587 ng
RT: 12.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion:142 Resp: 1542624
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2
115 34.4 28.0 42.0

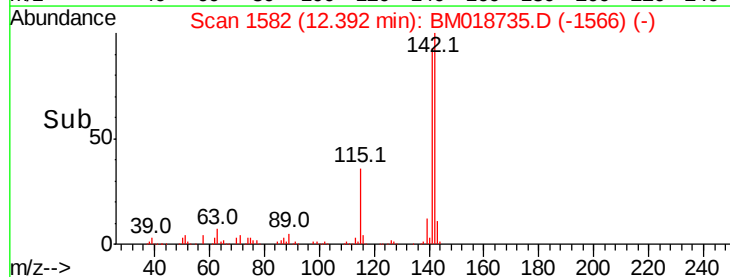
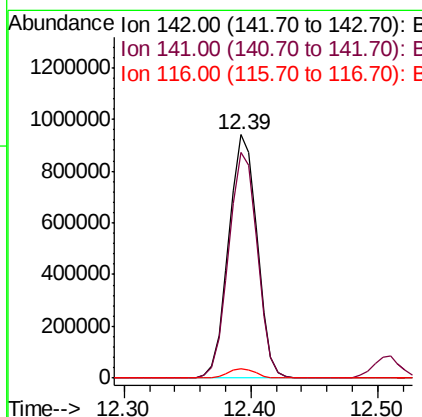
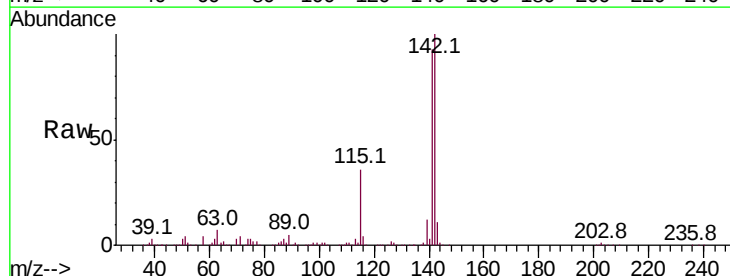
Manual Integrations
APPROVED

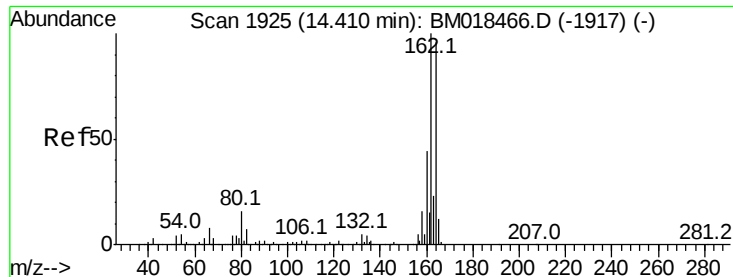
Sohil
2/11/2019 5:02:52 PM



#38
1-Methylnaphthalene
Concen: 41.576 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion:142 Resp: 1457193
Ion Ratio Lower Upper
142 100
141 92.9 75.6 113.4
116 3.9 3.0 4.6





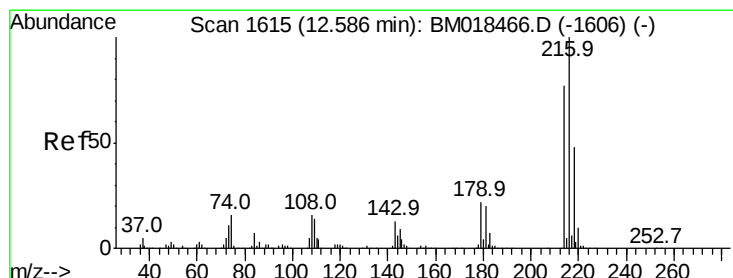
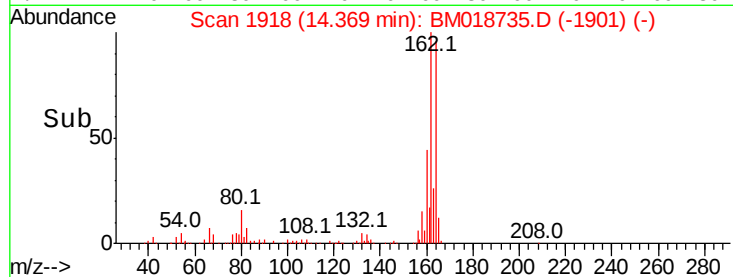
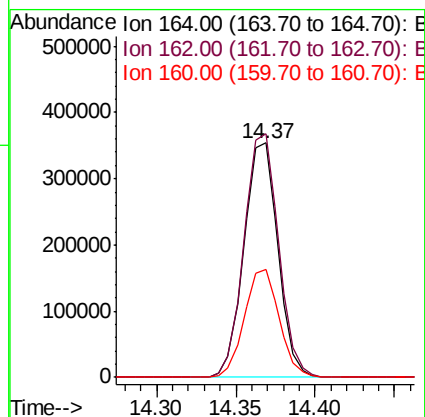
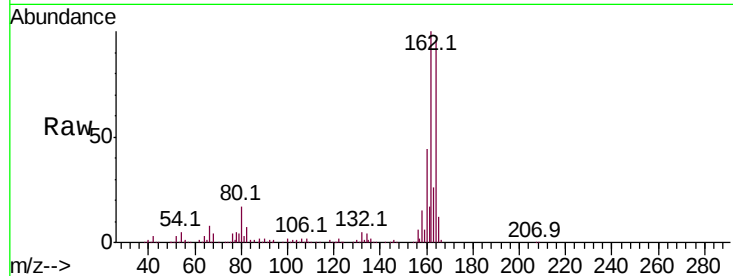
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.4
160	45.9	37.1	55.7

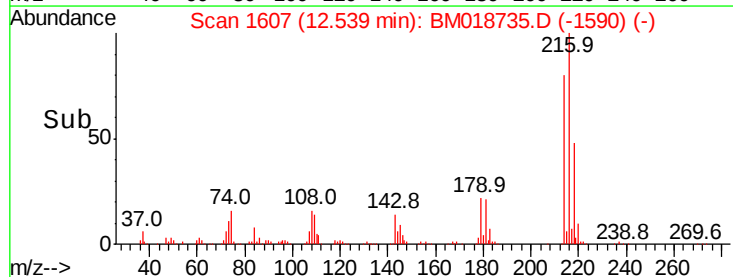
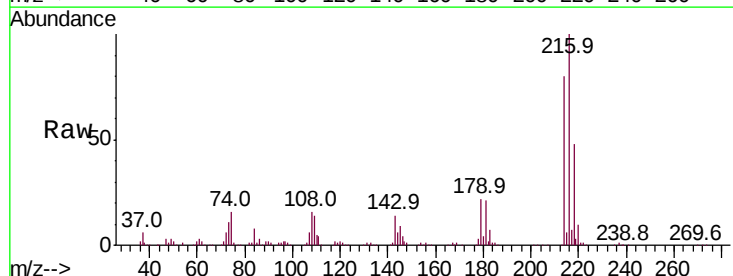
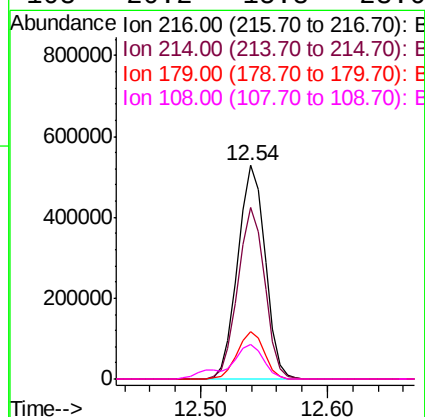
Manual Integrations
APPROVED

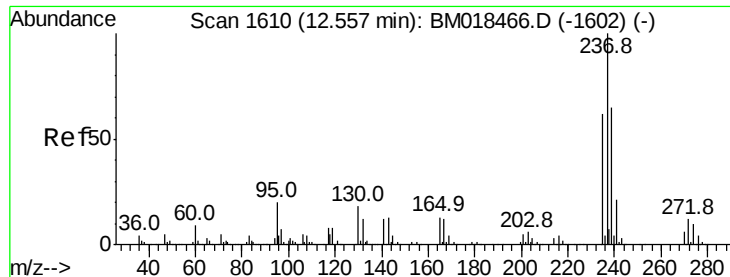
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.934 ng
RT: 12.54 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	21.8	17.9	26.9
108	20.2	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 105.474 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

BNA_M

ClientSampleId :

PB116893BS

Tot Ion:237 Resp: 1066338

Ion Ratio Lower Upper

237 100

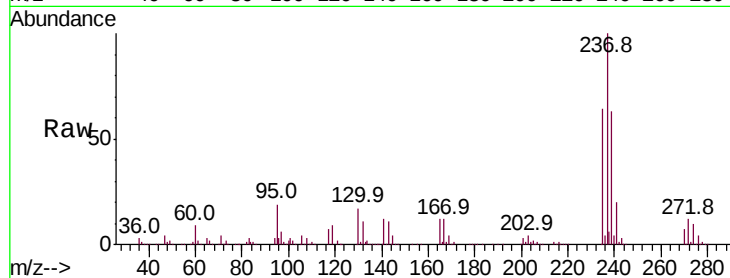
235 63.5 42.8 82.8

272 12.2 0.0 31.9

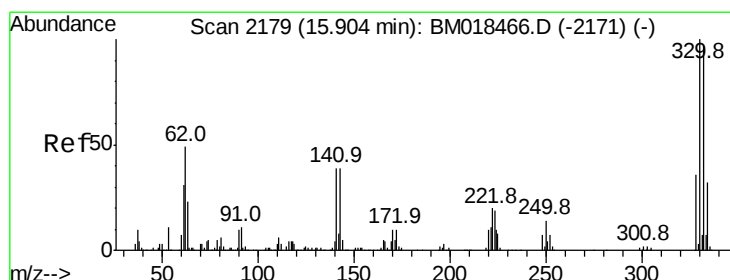
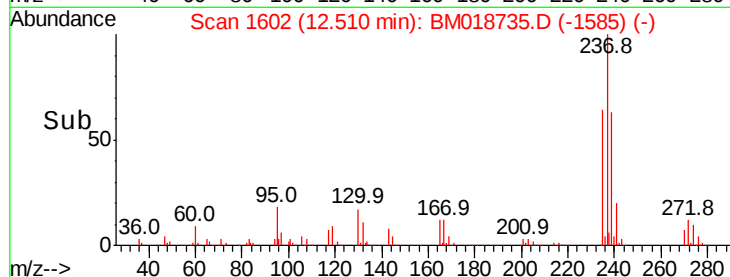
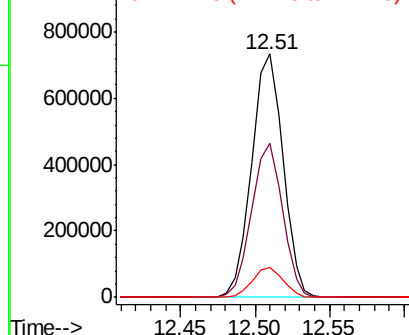
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.388 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

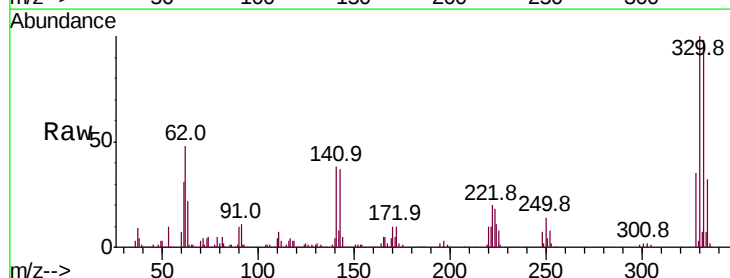
Tgt Ion:330 Resp: 921502

Ion Ratio Lower Upper

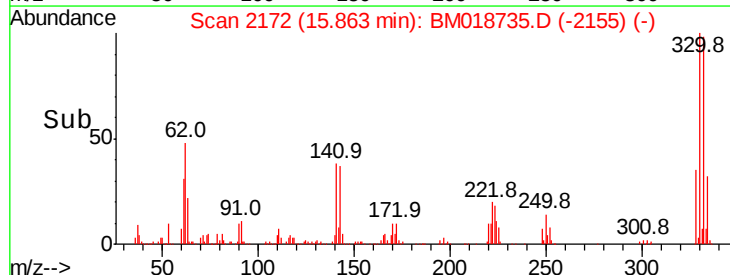
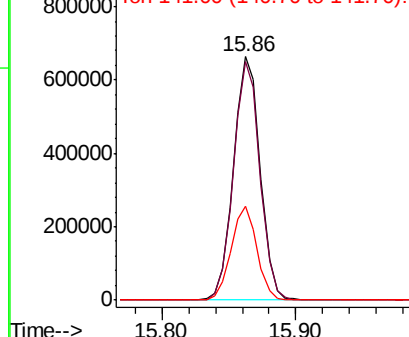
330 100

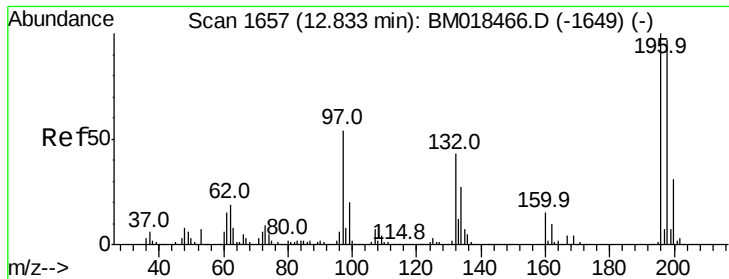
332 97.2 77.6 116.4

141 37.5 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





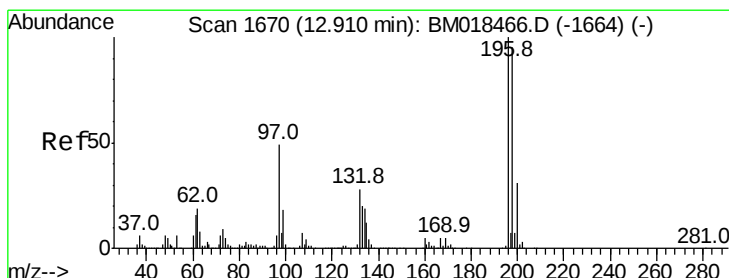
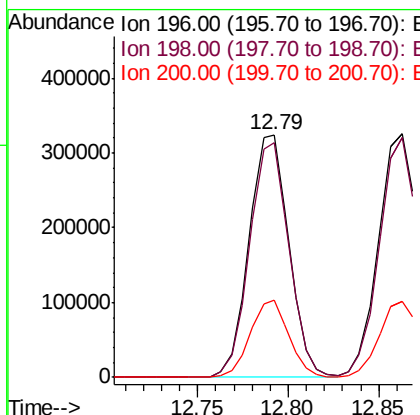
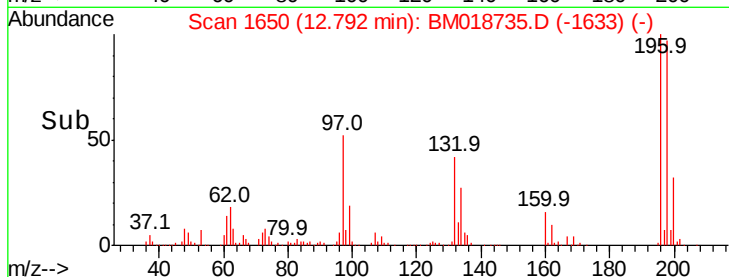
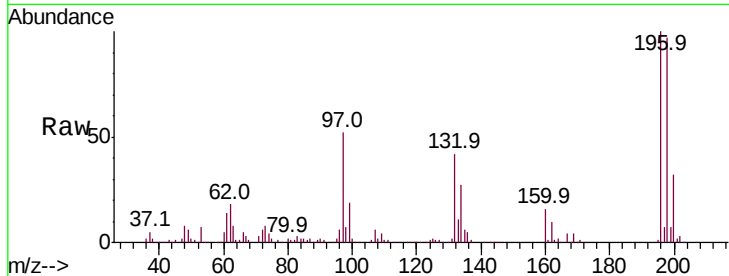
#43
 2,4,6-Trichlorophenol
 Concen: 44.305 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Instrument :
 BNA_M
 ClientSampled :
 PB116893BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	495609		
198	96.5	76.6	115.0	
200	31.8	24.2	36.4	

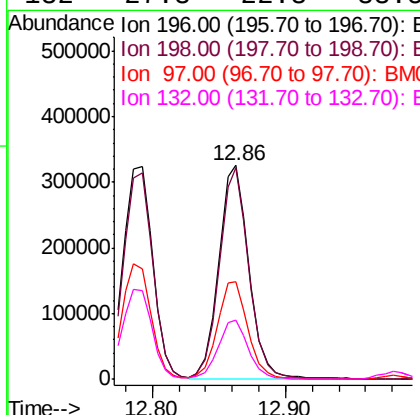
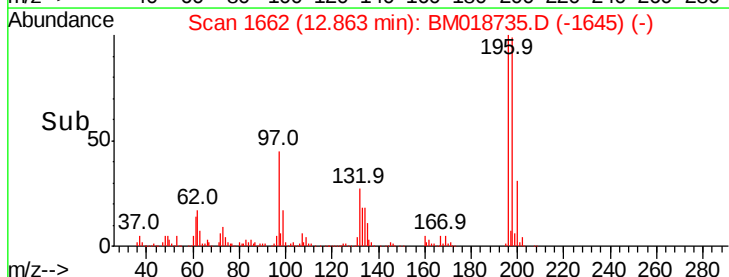
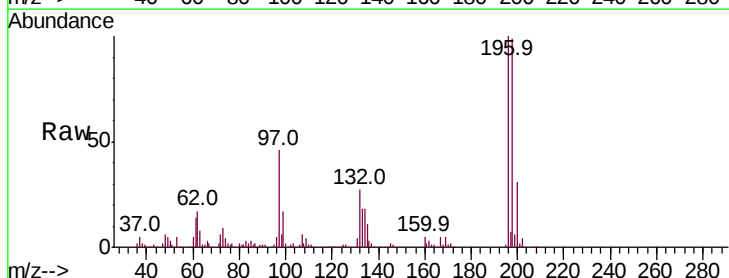
Manual Integrations
 APPROVED

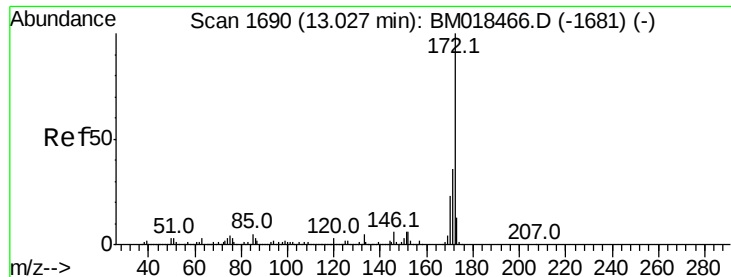
Sohil
 2/11/2019 5:02:52 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.540 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	512236		
198	98.7	76.7	115.1	
97	45.6	39.2	58.8	
132	27.3	22.3	33.5	





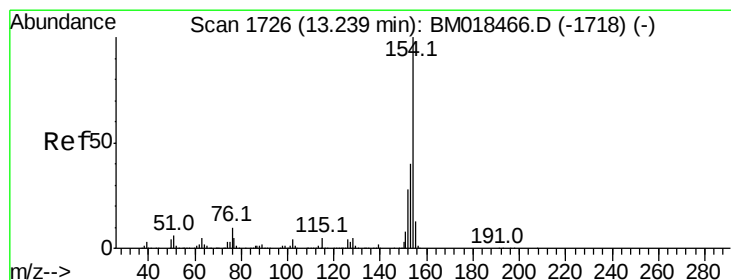
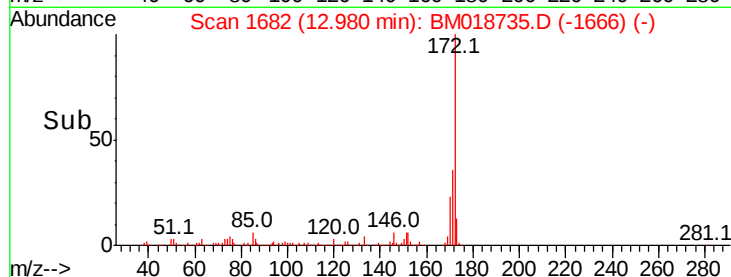
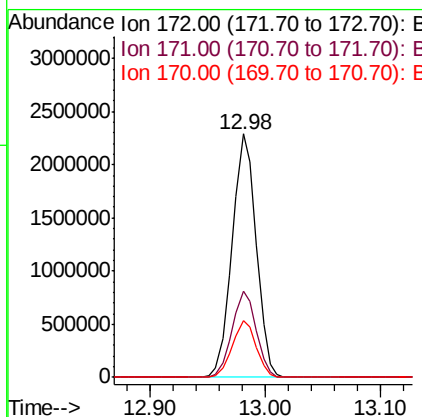
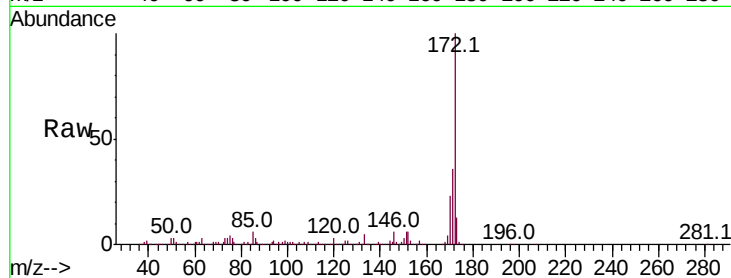
#45
2-Fluorobiphenyl
Concen: 81.879 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.2	18.9	28.3

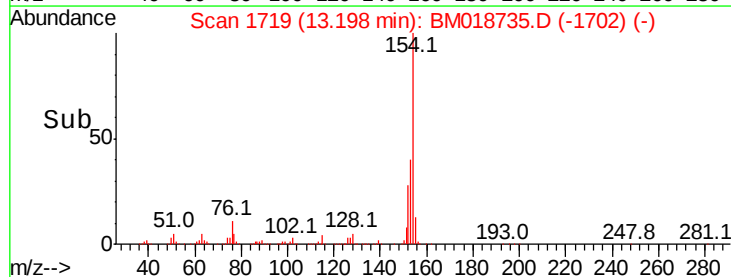
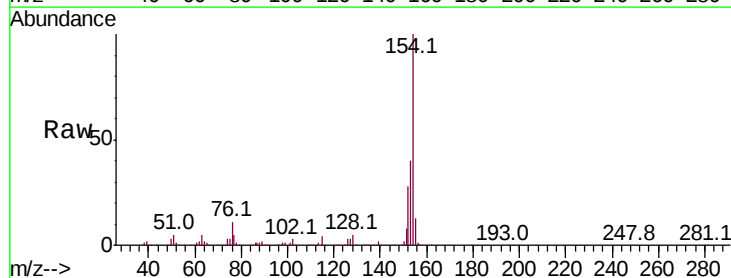
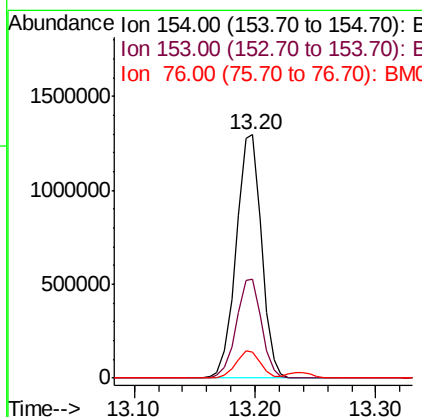
Manual Integrations
APPROVED

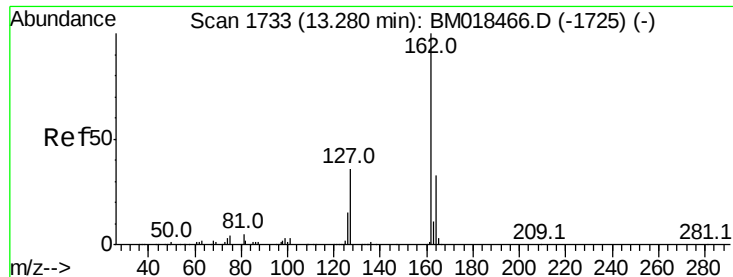
Sohil
2/11/2019 5:02:52 PM



#46
1,1'-Biphenyl
Concen: 41.155 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	10.9	0.0	31.9





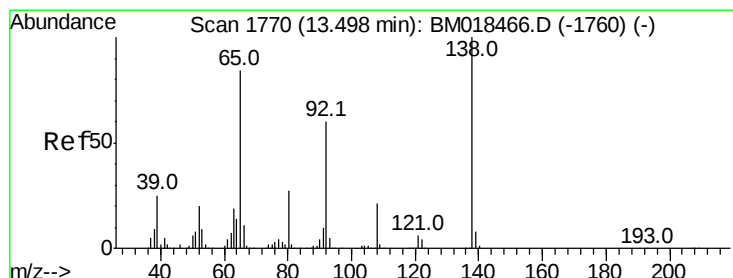
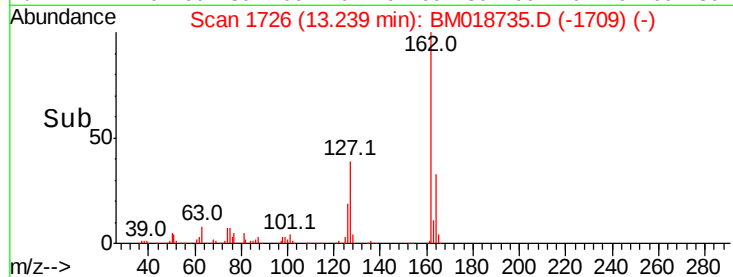
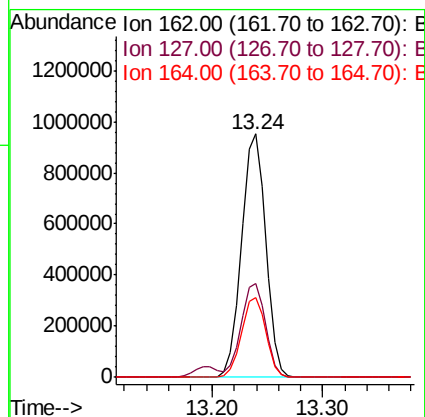
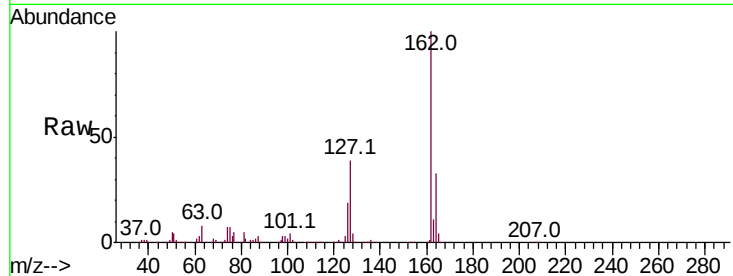
#47
2-Chloronaphthalene
Concen: 41.310 ng
RT: 13.24 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.4	47.0
164	32.8	26.2	39.4

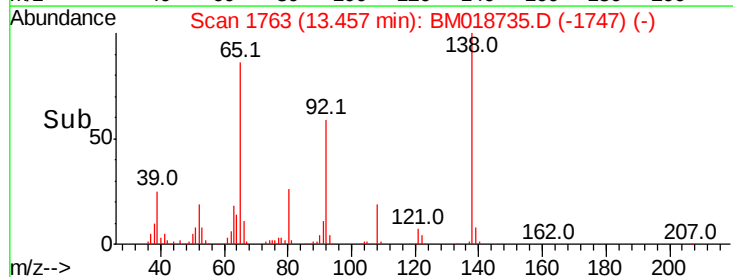
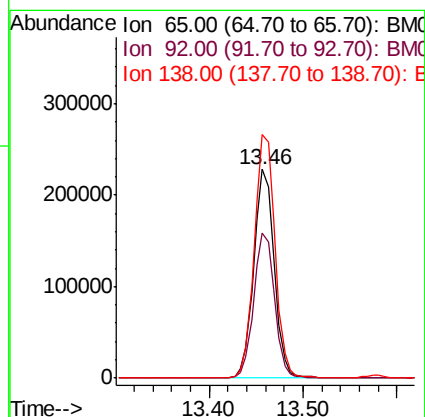
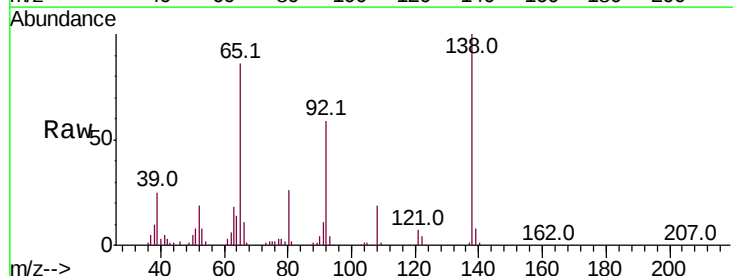
Manual Integrations
APPROVED

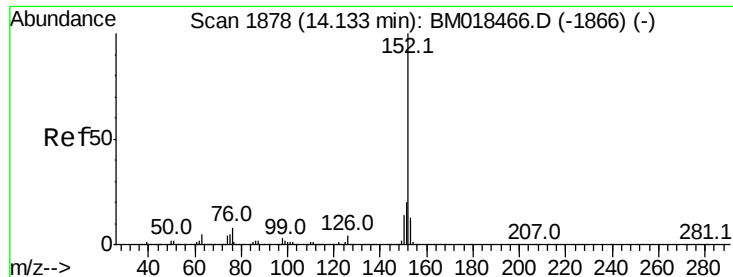
Sohil
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#48
2-Nitroaniline
Concen: 39.419 ng
RT: 13.46 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.4	80.2
138	116.5	88.9	133.3





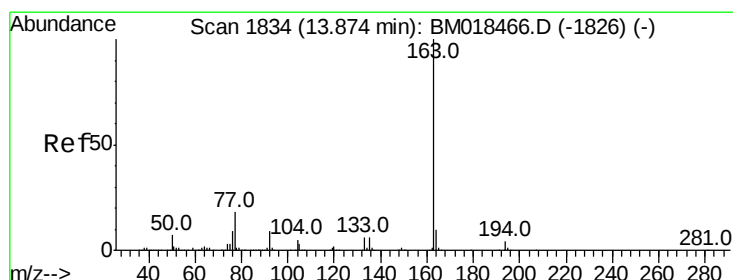
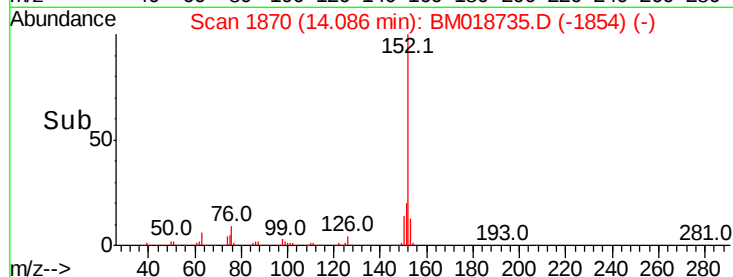
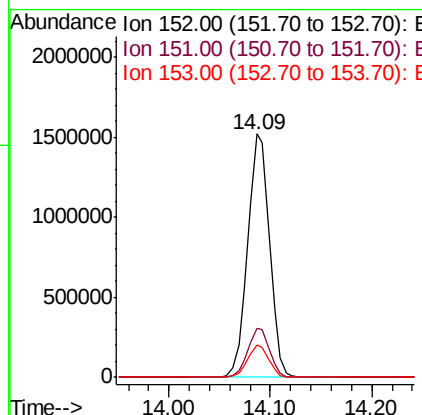
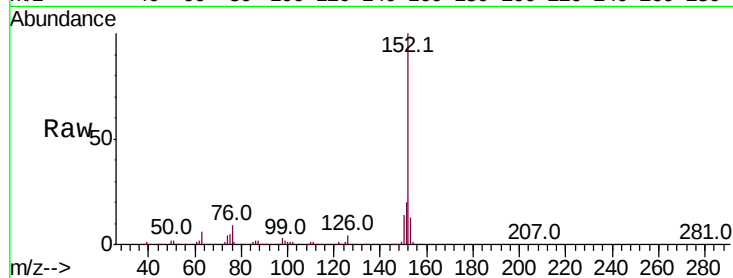
#49
Acenaphthylene
Concen: 43.599 ng
RT: 14.09 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.4	10.5	15.7

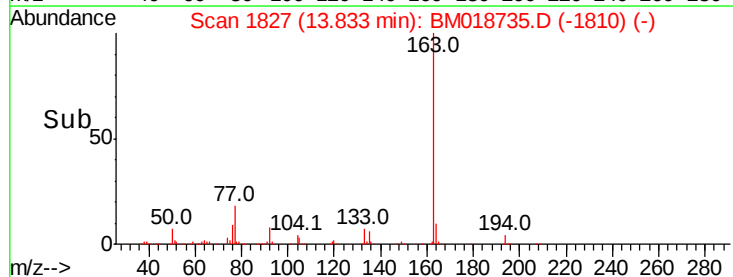
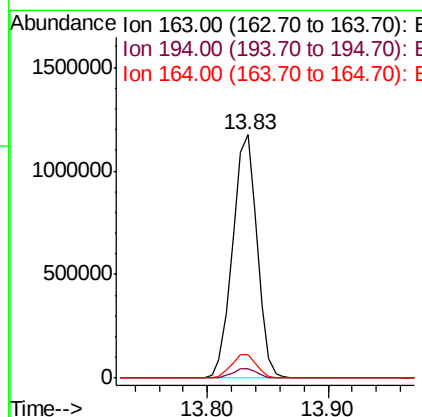
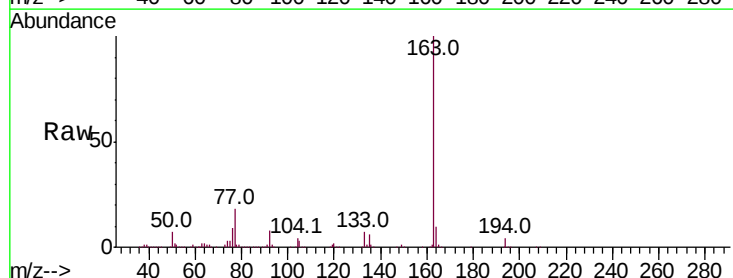
Manual Integrations
APPROVED

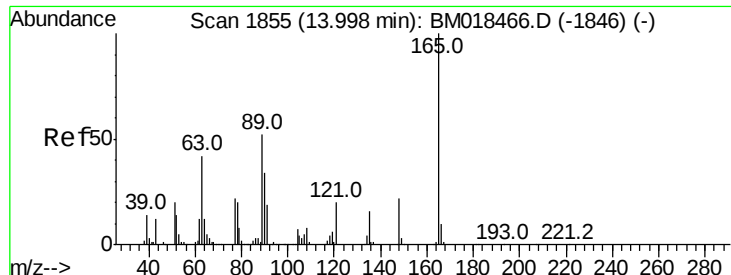
Sohil
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#50
Dimethylphthalate
Concen: 38.403 ng
RT: 13.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.6	7.8	11.8





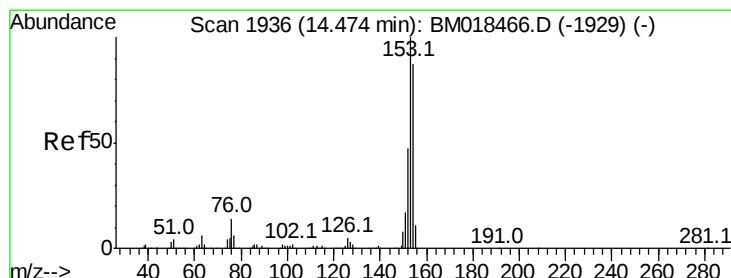
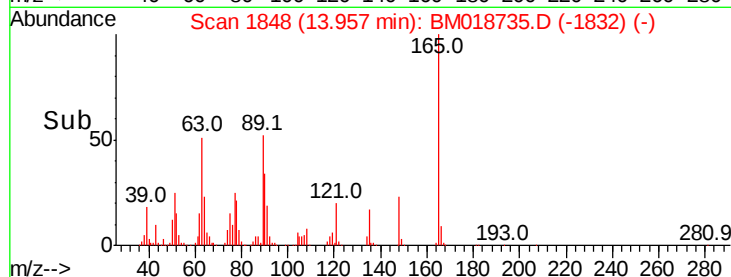
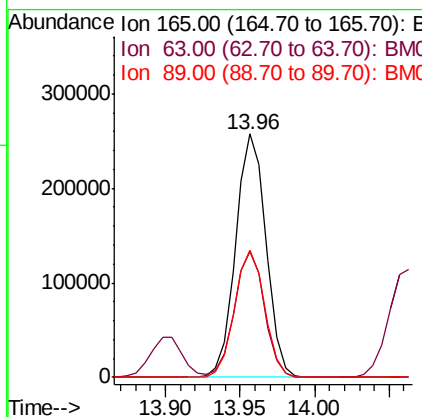
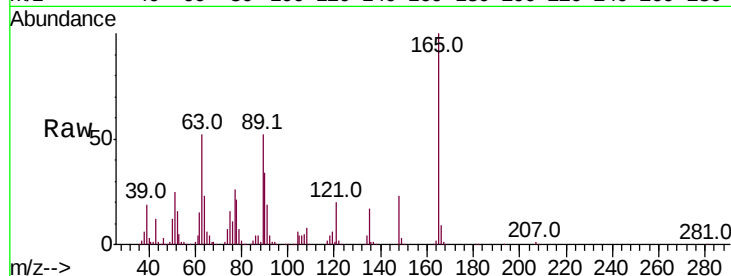
#51
2,6-Dinitrotoluene
Concen: 39.631 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.6	45.6	68.4	
89	52.4	44.6	66.8	

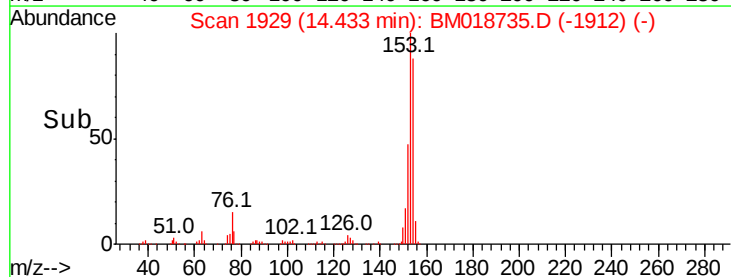
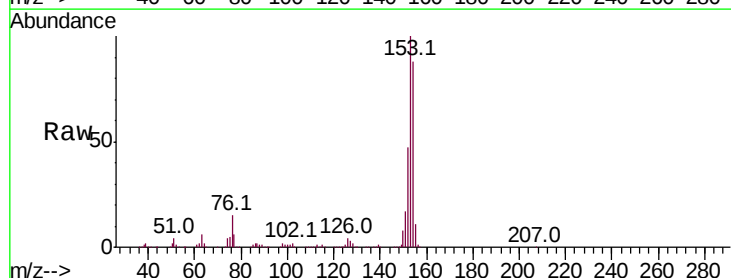
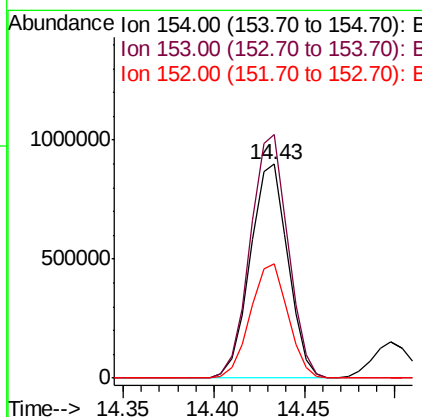
Manual Integrations
APPROVED

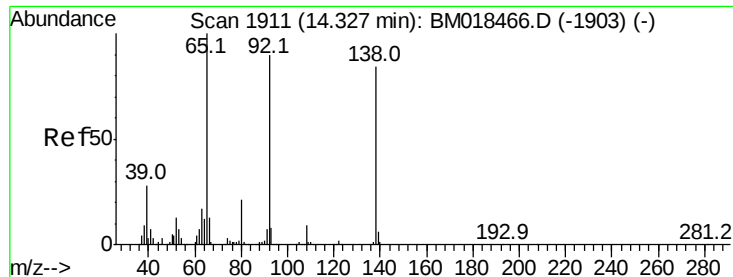
Sohil
2/11/2019 5:02:52 PM



#52
Acenaphthene
Concen: 40.873 ng
RT: 14.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.8	92.3	138.5	
152	53.2	43.8	65.6	





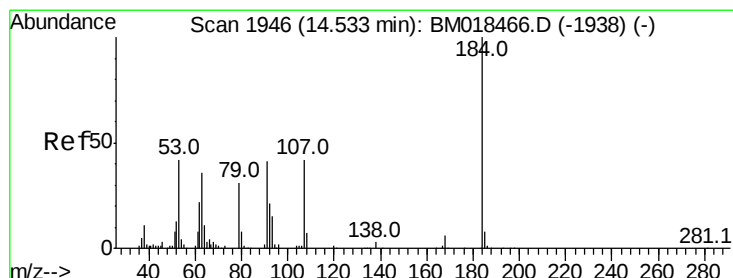
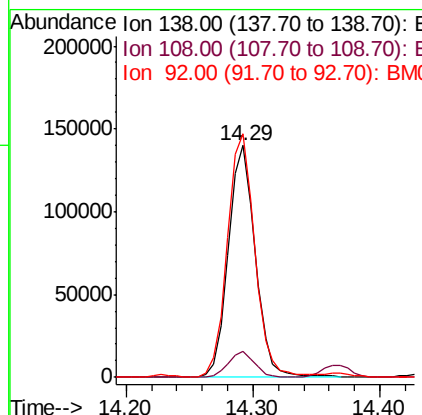
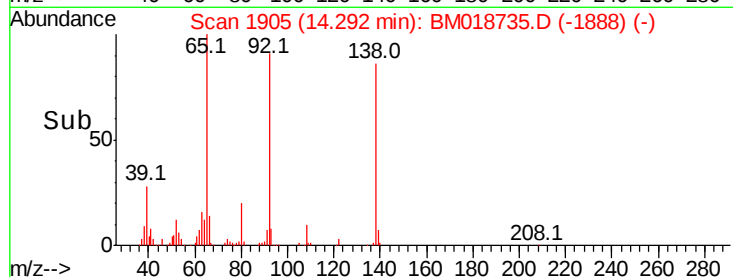
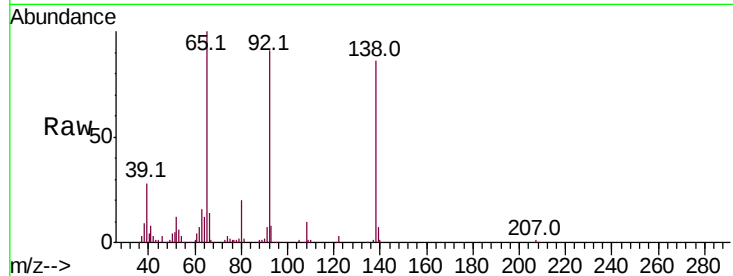
#53
3-Nitroaniline
Concen: 22.247 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.1	13.7
92	105.1	88.2	132.2

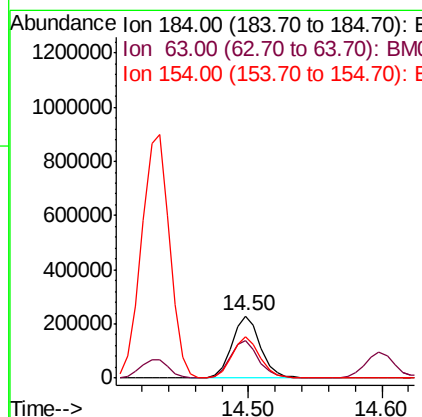
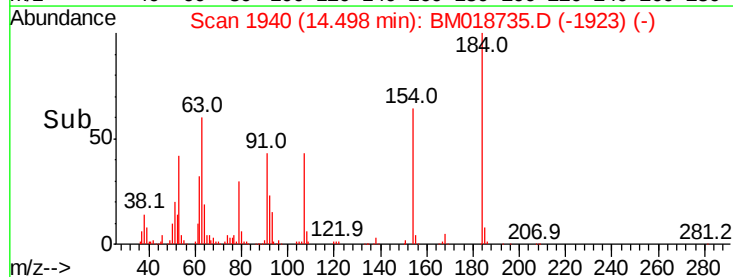
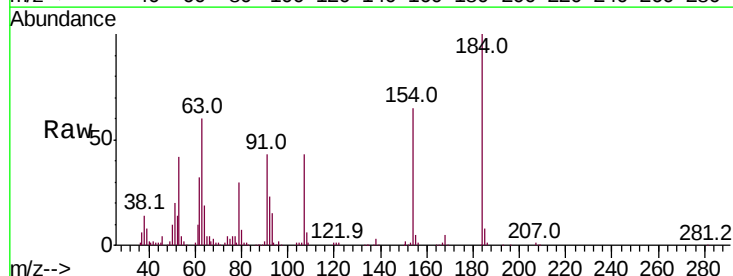
Manual Integrations
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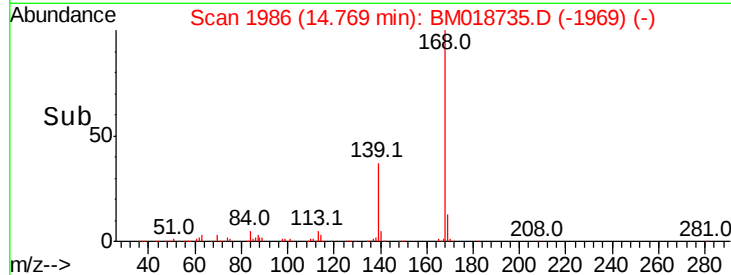
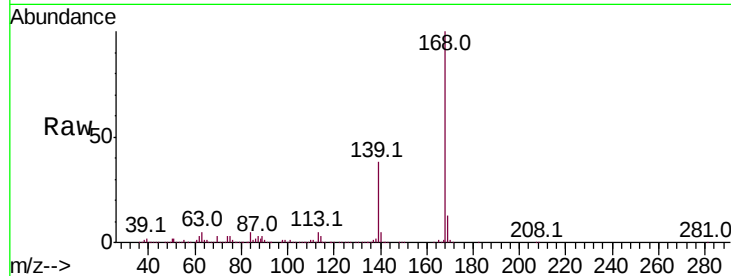
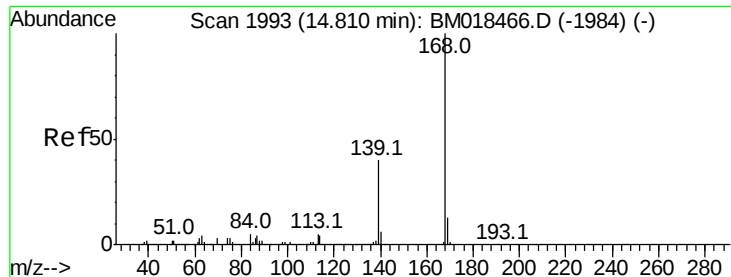
Sohil
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#54
2,4-Dinitrophenol
Concen: 70.289 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	55.9	83.9
154	65.4	54.2	81.4





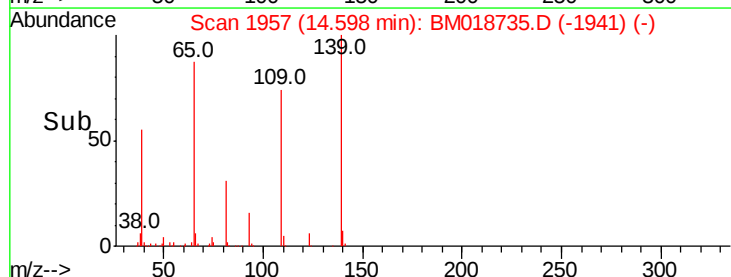
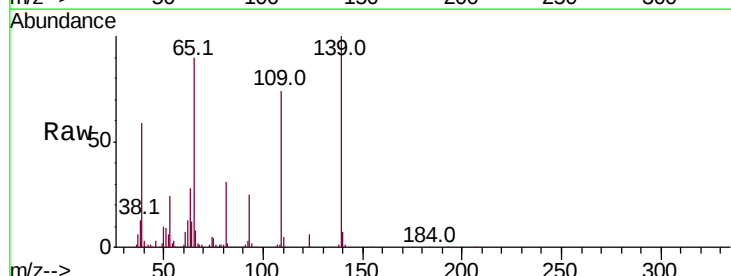
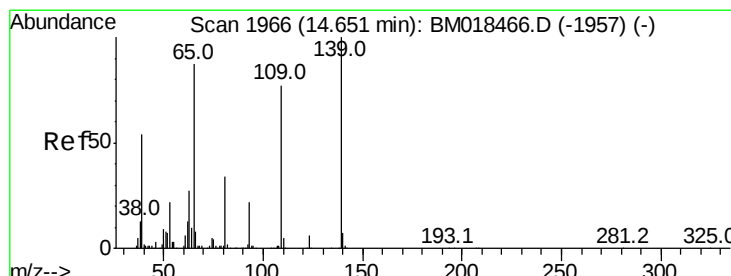
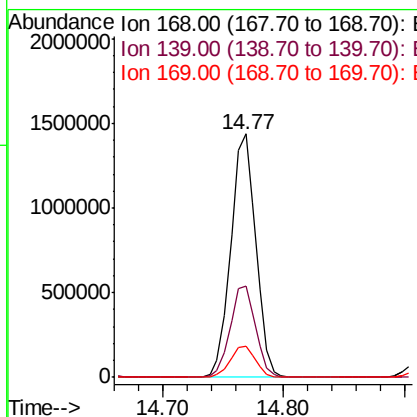
#55
Dibenzofuran
Concen: 39.293 ng
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.3	45.5
169	13.0	10.6	16.0

Instrument :
BNA_M
ClientSampleId :
PB116893BS

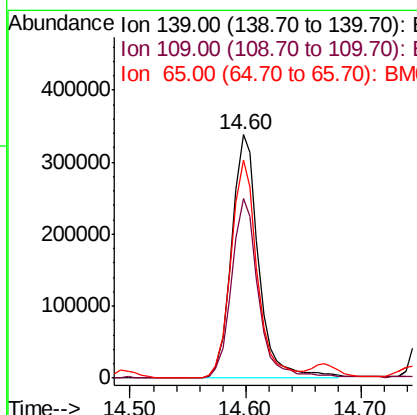
Manual Integrations
APPROVED

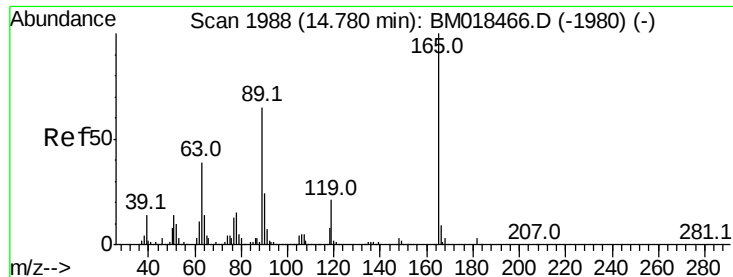
Sohil
2/11/2019 5:02:52 PM



#56
4-Nitrophenol
Concen: 68.826 ng
RT: 14.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.0	51.7	91.7
65	89.6	71.4	111.4





#57

2,4-Dinitrotoluene

Concen: 37.090 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

BNA_M

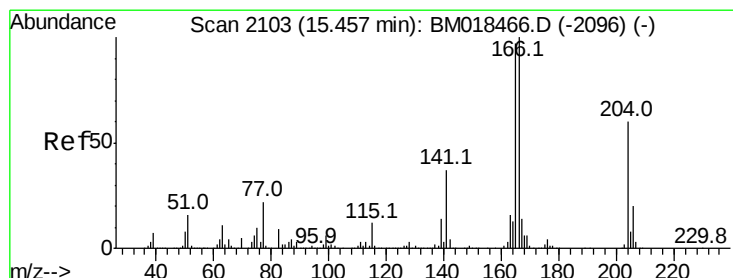
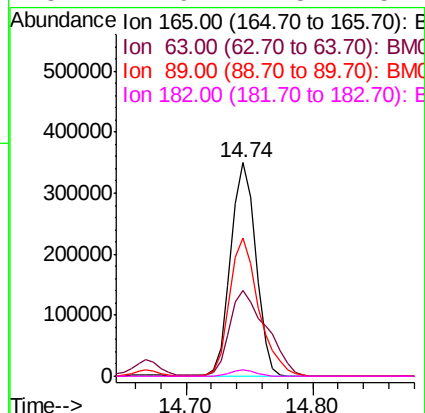
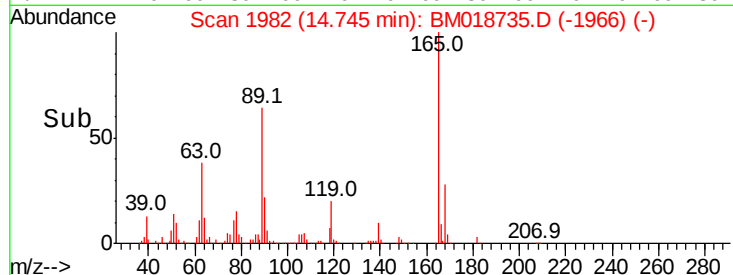
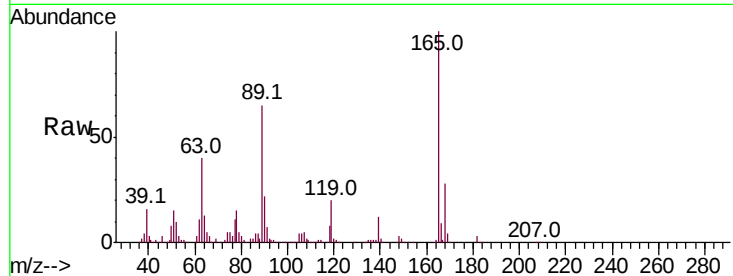
ClientSampled :

PB116893BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	480905		
63	40.2	32.2	48.2	
89	64.6	52.1	78.1	
182	2.9	2.5	3.7	

Manual Integrations
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2/11/2019 5:02:52 PM



#58

Fluorene

Concen: 41.018 ng

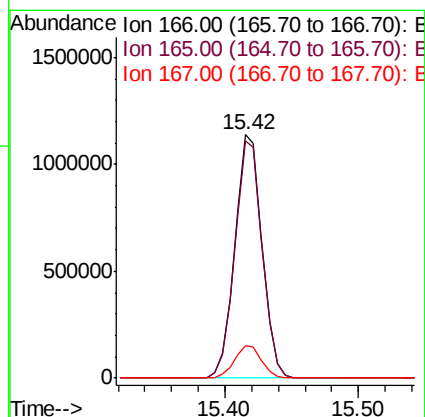
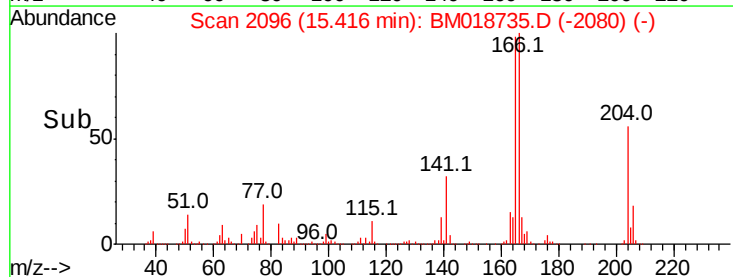
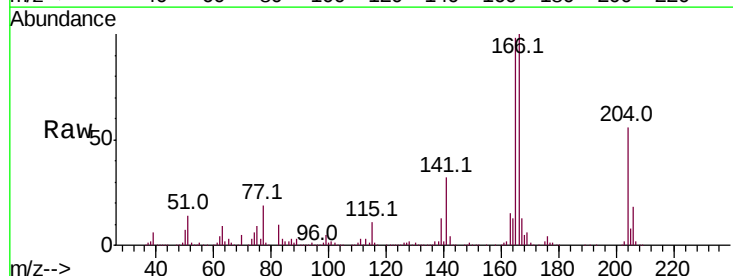
RT: 15.42 min Scan# 2096

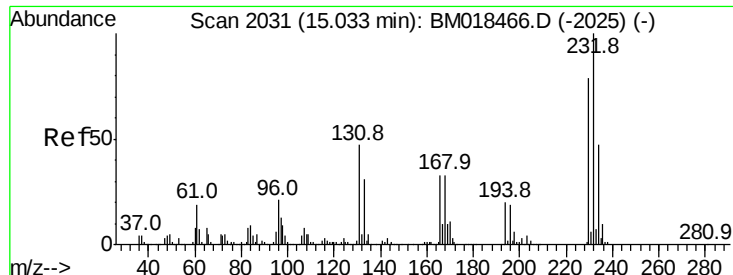
Delta R.T. -0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1605641		
165	97.7	78.3	117.5	
167	13.5	10.9	16.3	





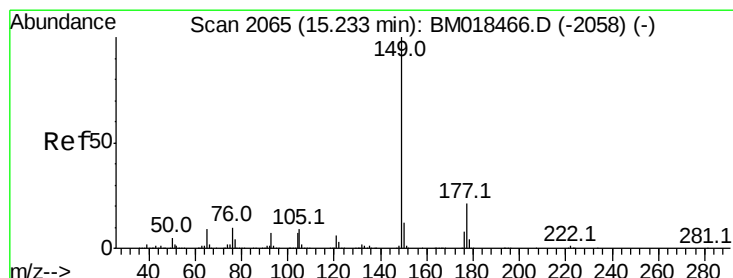
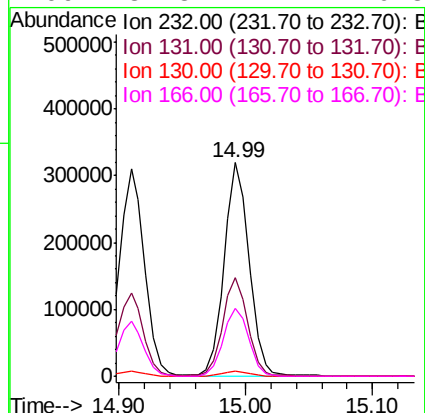
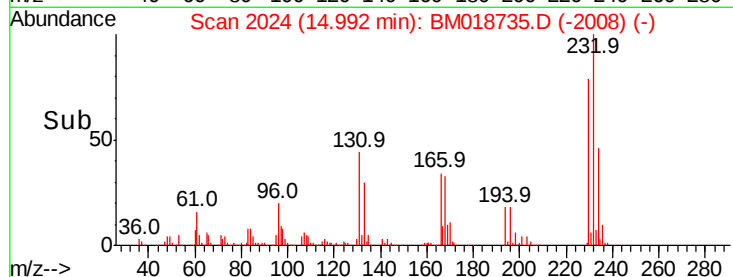
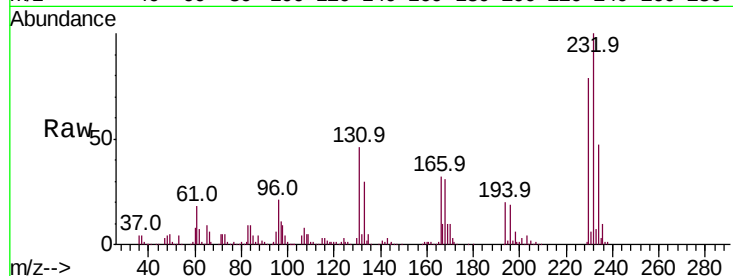
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.329 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Instrument :
 BNA_M
 ClientSampled :
 PB116893BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	38.6	57.8
130	2.4	2.2	3.4
166	32.8	27.2	40.8

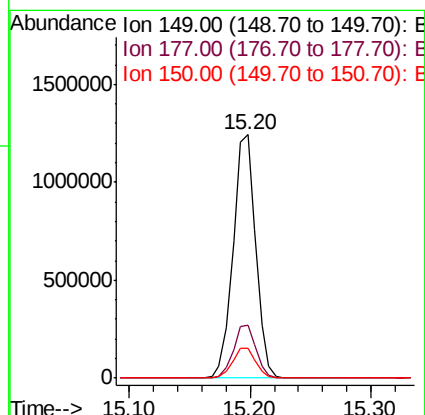
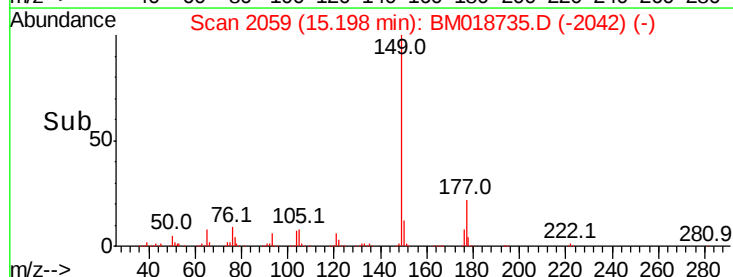
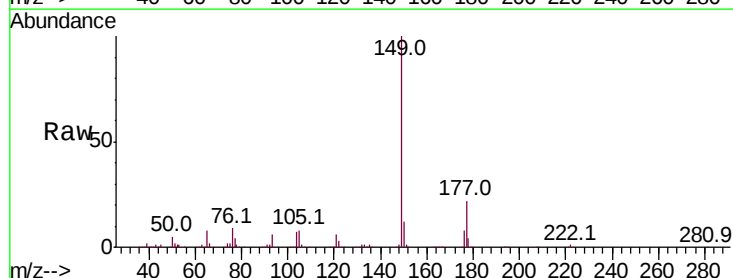
Manual Integrations
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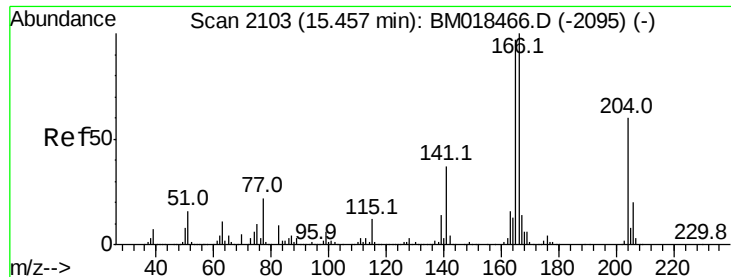
Sohil
 2/11/2019 5:02:52 PM



#60
 Diethylphthalate
 Concen: 37.058 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.1	25.7
150	12.3	9.8	14.6





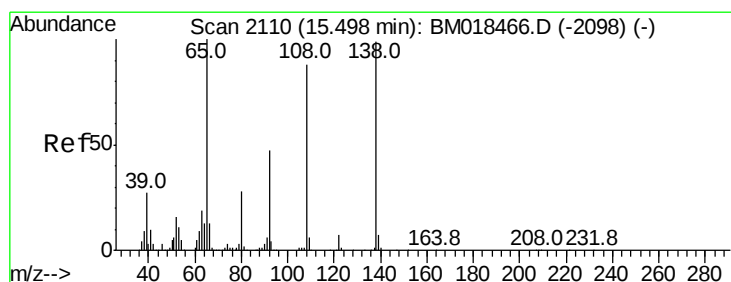
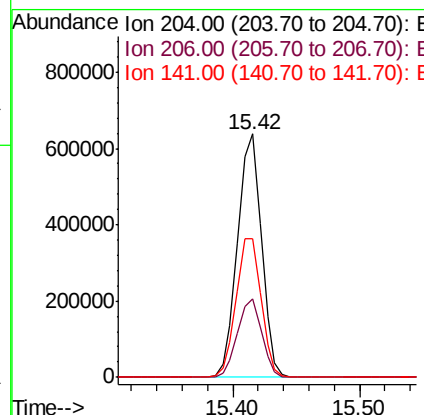
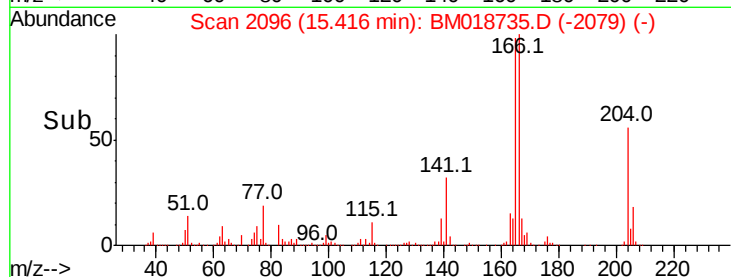
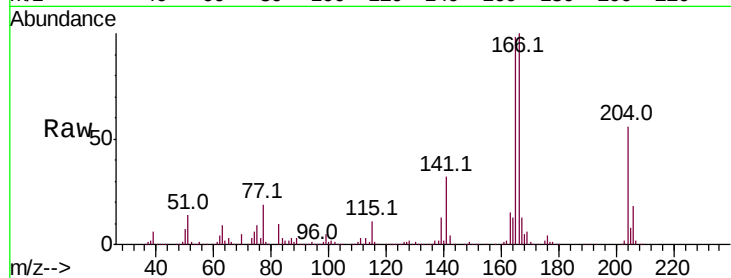
#61
4-Chlorophenyl-phenylether
Concen: 36.850 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampled :
PB116893BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.8	38.6
141	57.0	49.5	74.3

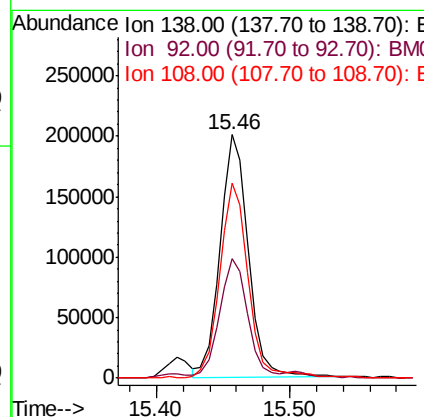
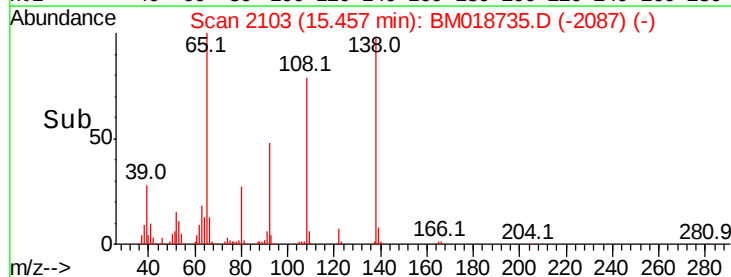
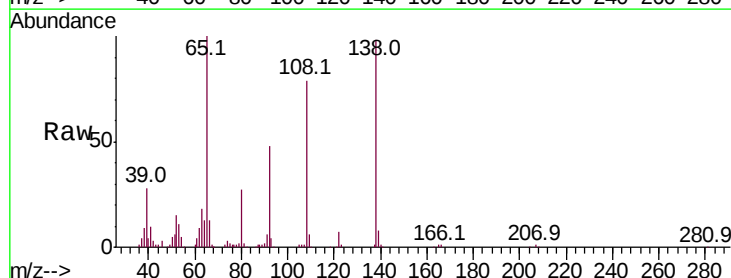
Manual Integrations
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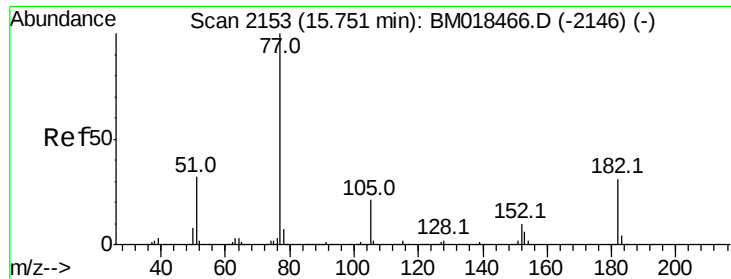
Sohil
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#62
4-Nitroaniline
Concen: 29.498 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	29.0	69.0
108	80.1	63.9	103.9





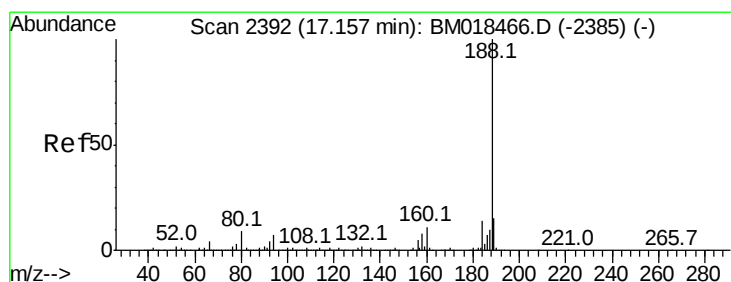
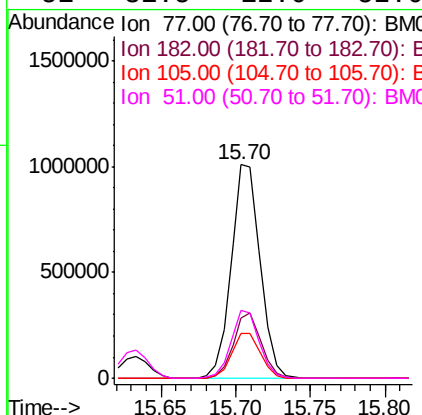
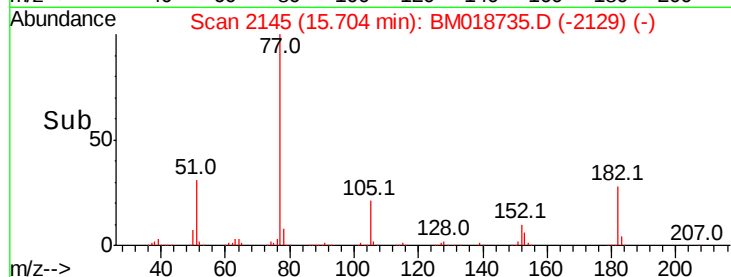
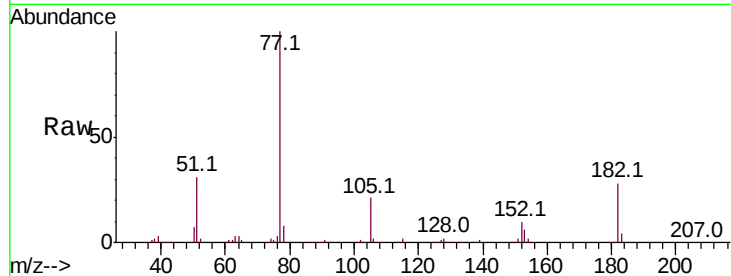
#63
Azobenzene
Concen: 38.310 ng
RT: 15.70 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion: 77 Resp: 1364139
Ion Ratio Lower Upper
77 100
182 28.1 7.4 47.4
105 21.1 0.0 39.6
51 31.5 12.0 52.0

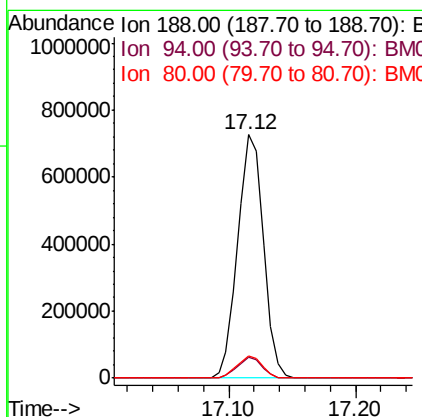
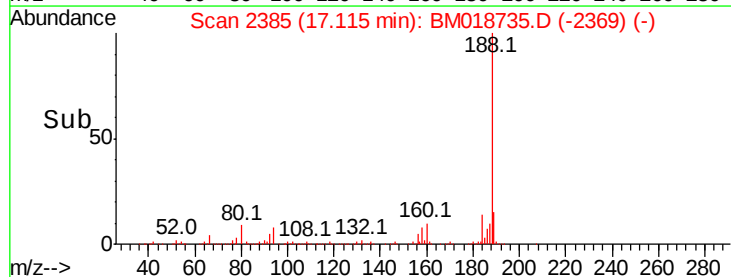
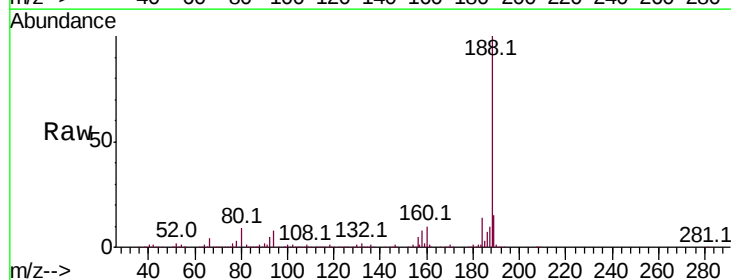
Manual Integrations
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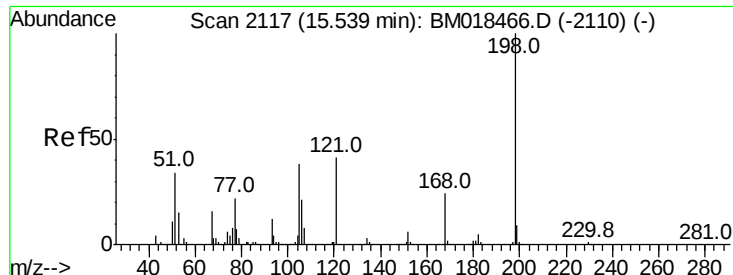
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion: 188 Resp: 1018672
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.3 7.6 11.4





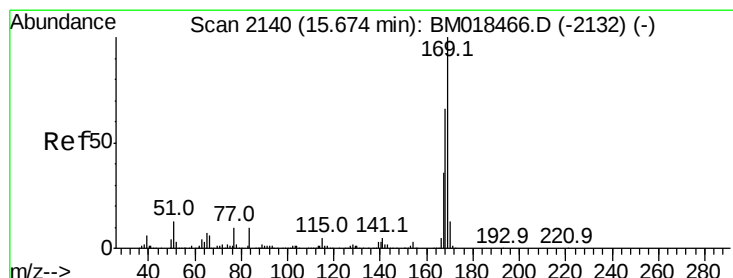
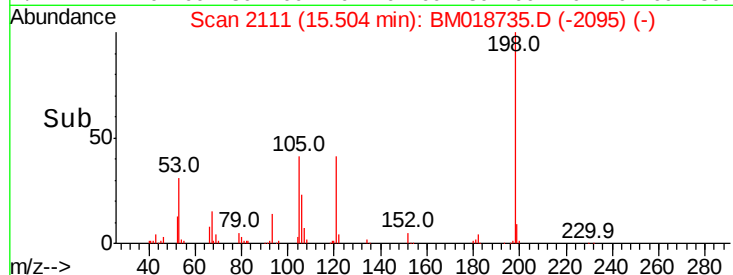
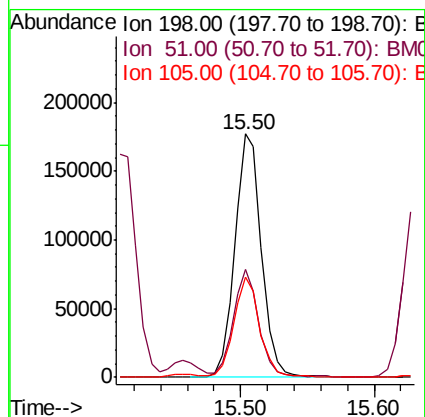
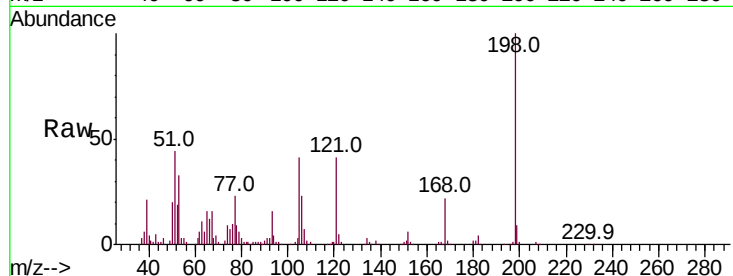
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.910 ng
 RT: 15.50 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Instrument :
 BNA_M
 ClientSampleId :
 PB116893BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	245169		
51	44.1	29.6	69.6	
105	41.2	25.5	65.5	

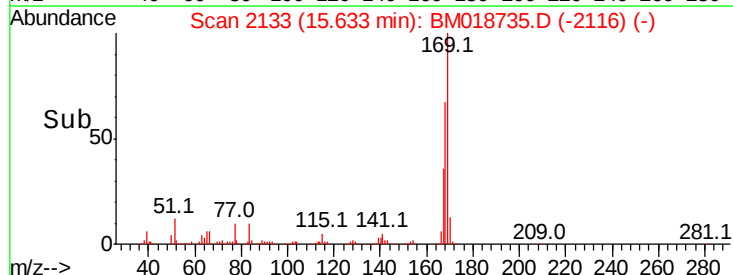
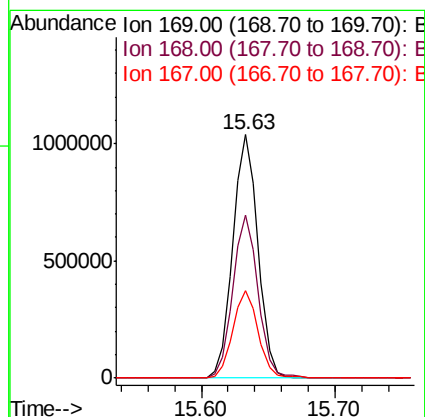
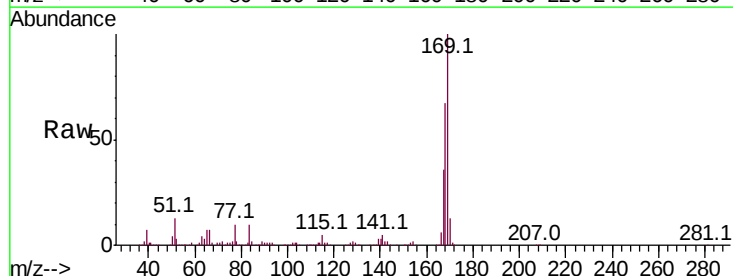
Manual Integrations
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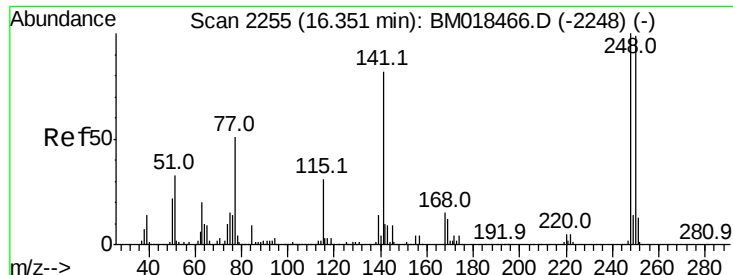
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 43.303 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1368328		
168	67.0	54.1	81.1	
167	36.1	28.6	42.8	





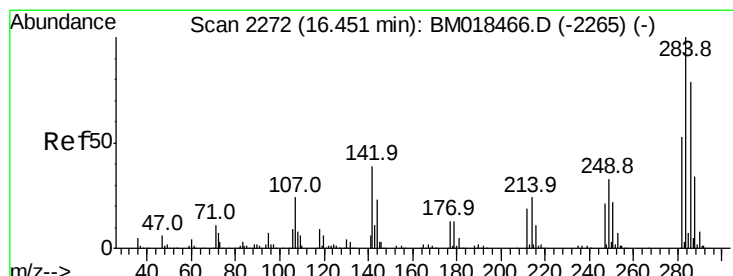
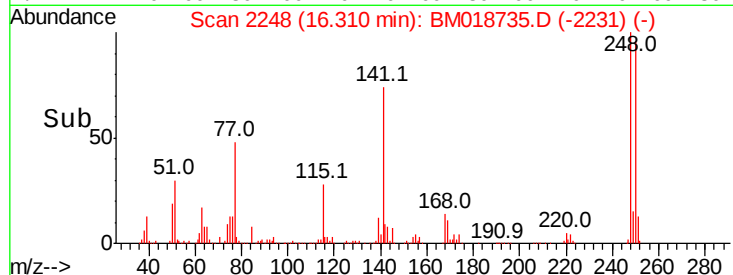
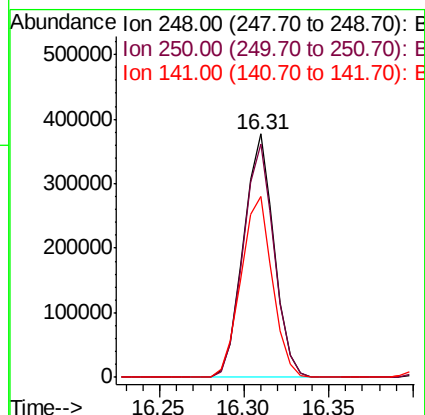
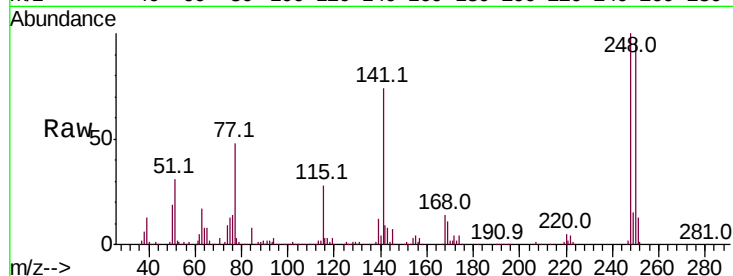
#67
 4-Bromophenyl-phenylether
 Concen: 41.629 ng
 RT: 16.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Instrument :
 BNA_M
 ClientSampled :
 PB116893BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.0	114.0
141	74.2	61.5	92.3

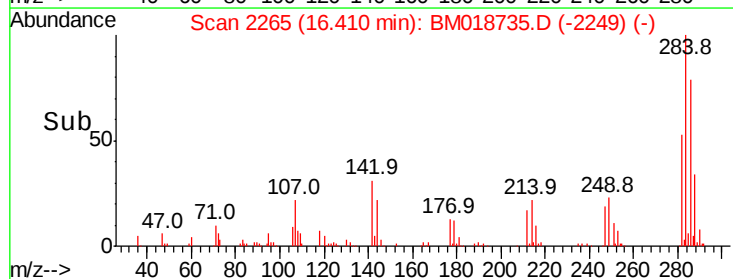
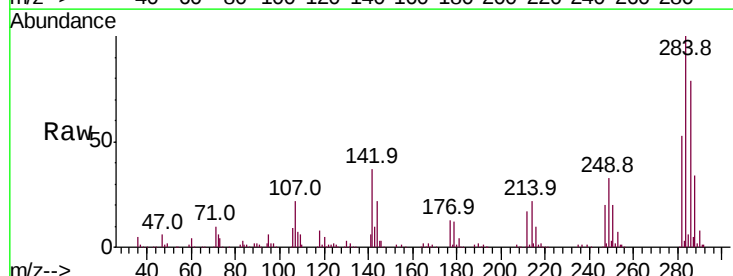
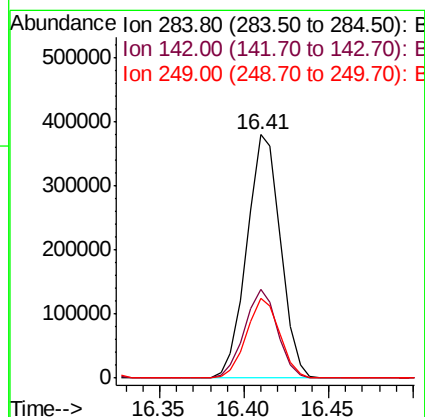
Manual Integrations
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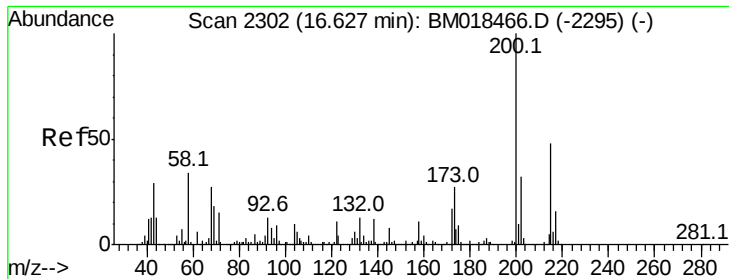
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#68
 Hexachlorobenzene
 Concen: 41.427 ng
 RT: 16.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.6	29.2	43.8
249	32.8	26.1	39.1





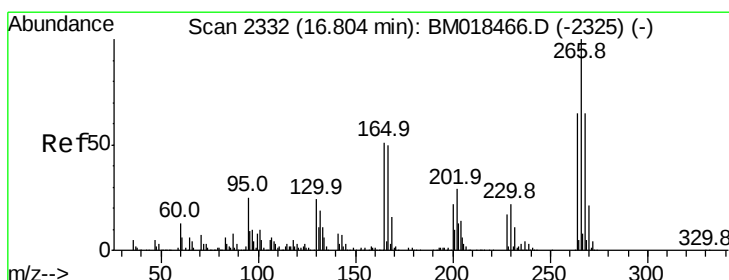
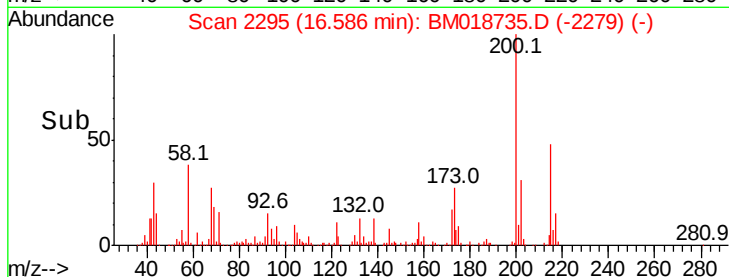
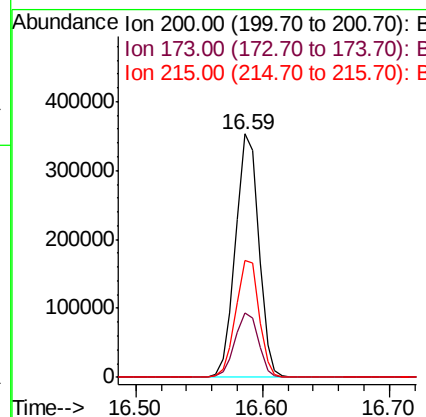
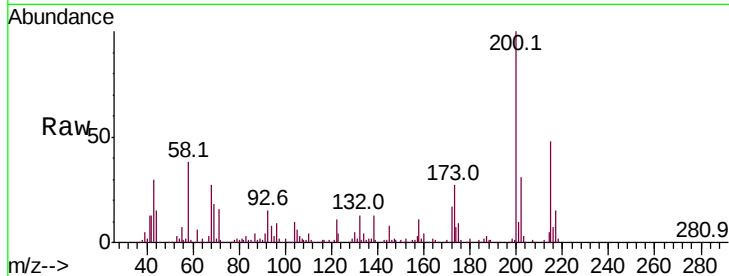
#69
Atrazine
Concen: 39.088 ng
RT: 16.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.6	7.2	47.2	
215	48.0	28.3	68.3	

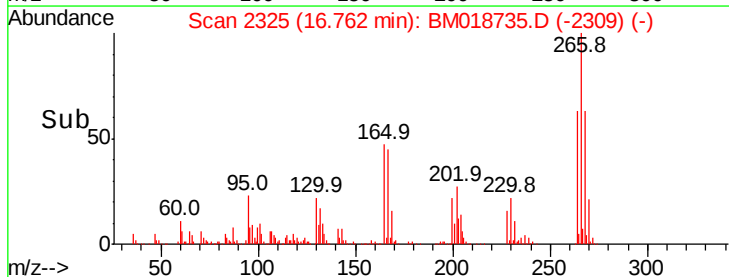
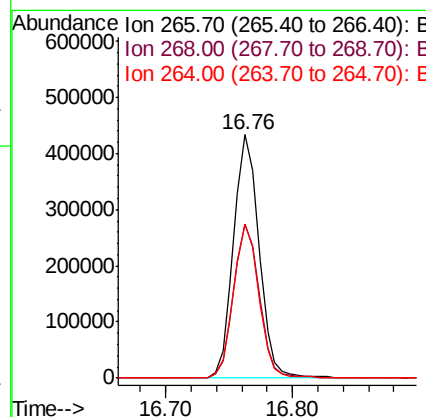
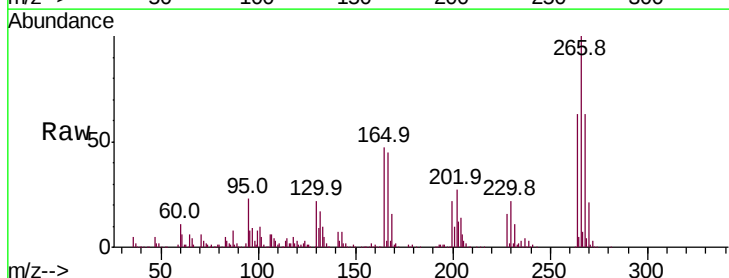
Manual Integrations
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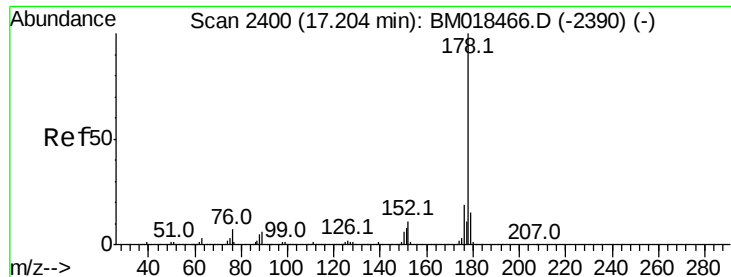
Sohil
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#70
Pentachlorophenol
Concen: 72.547 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.5	49.8	74.6	
264	63.1	50.1	75.1	





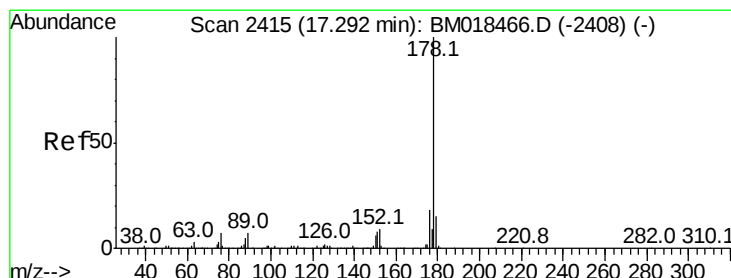
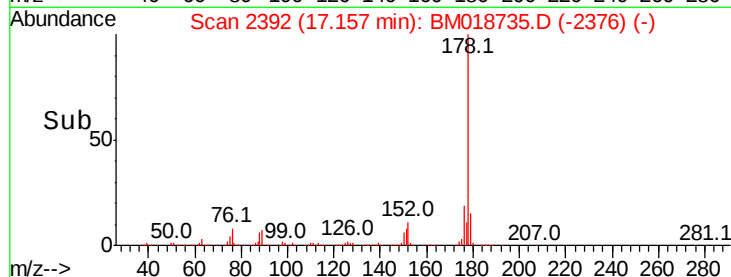
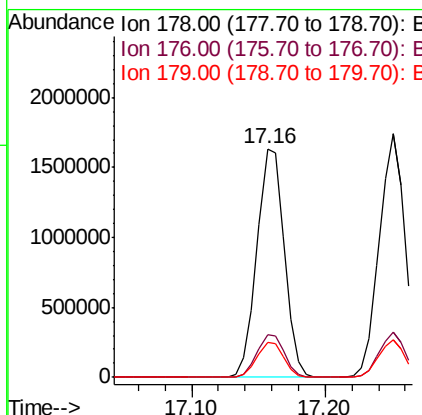
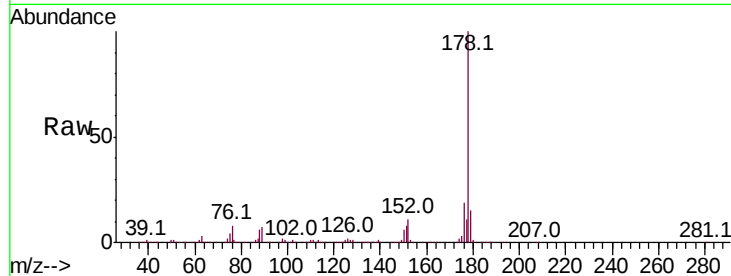
#71
Phenanthrene
Concen: 42.629 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion:178 Resp: 2309776
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.2 18.4

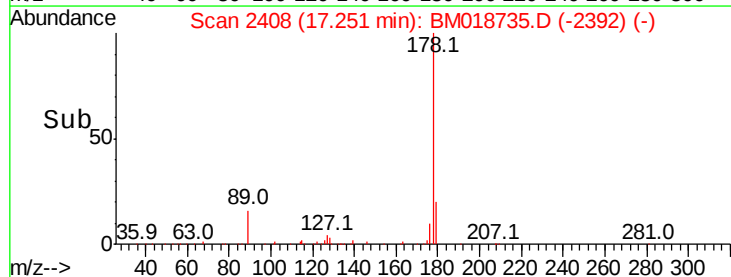
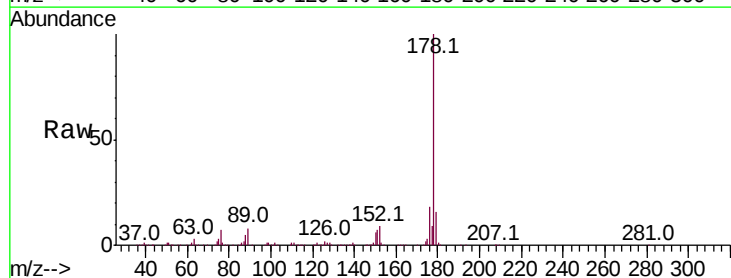
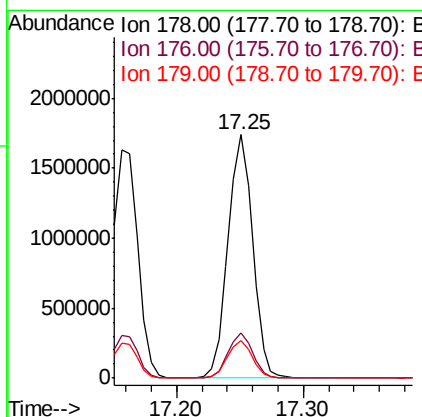
Manual Integrations
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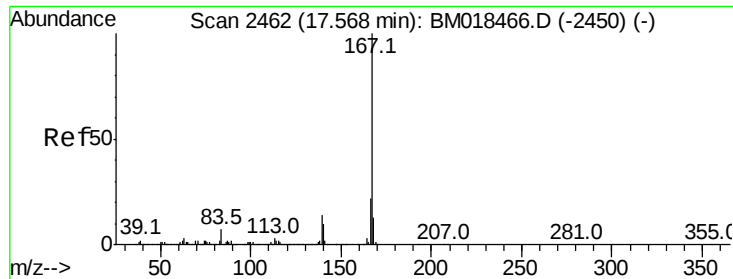
Sohil
2/11/2019 5:02:52 PM



#72
Anthracene
Concen: 44.949 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion:178 Resp: 2341948
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.6 12.2 18.4





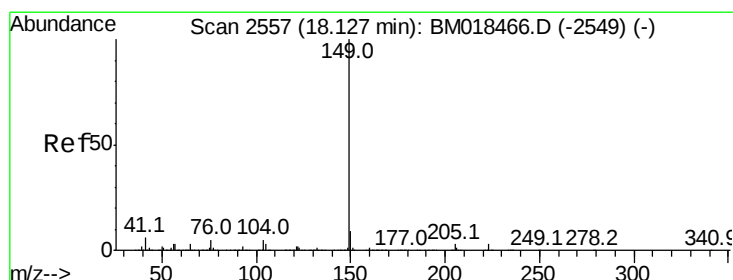
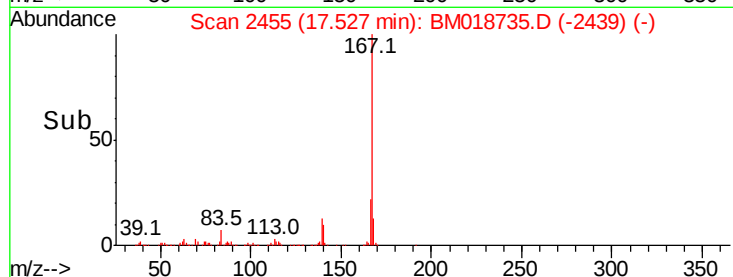
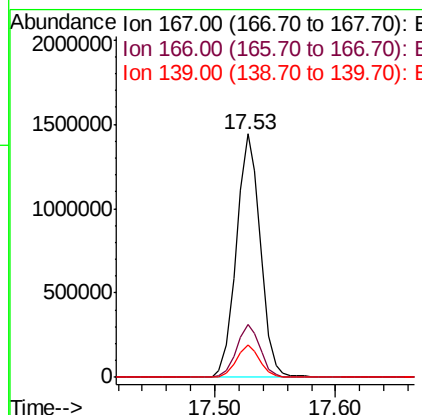
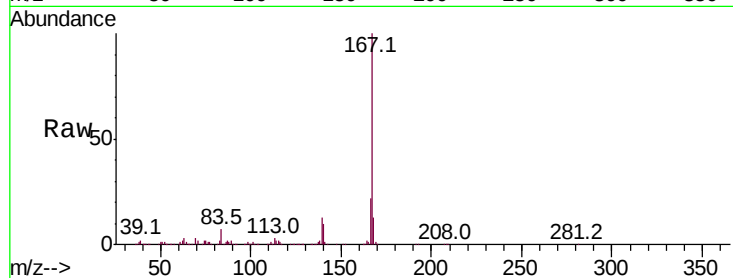
#73
 Carbazole
 Concen: 37.315 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Instrument :
 BNA_M
 ClientSampleId :
 PB116893BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	13.1	10.6	16.0

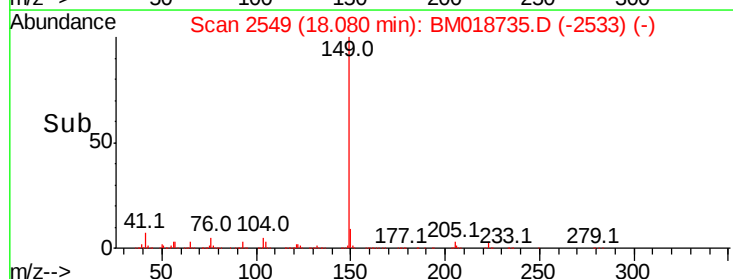
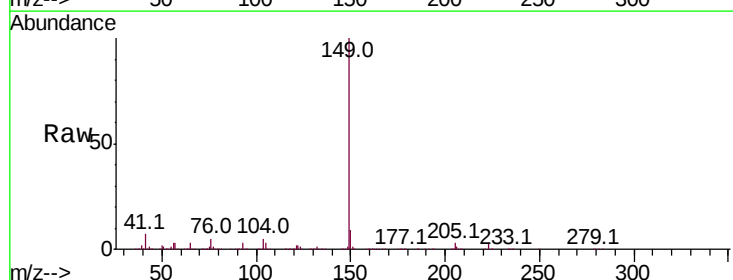
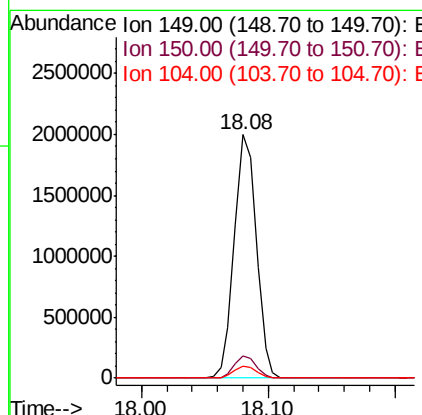
Manual Integrations
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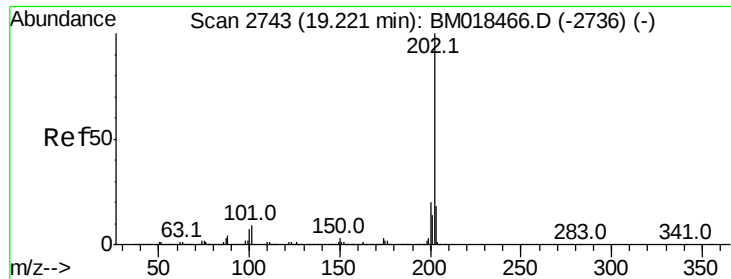
Sohil
 2/11/2019 5:02:52 PM



#74
 Di-n-butylphthalate
 Concen: 40.848 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.8	4.2	6.4





#75

Fluoranthene

Concen: 38.964 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

BNA_M

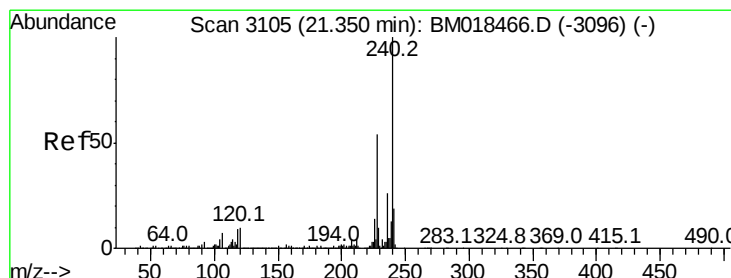
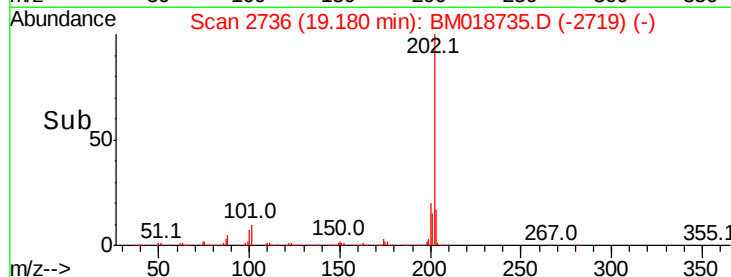
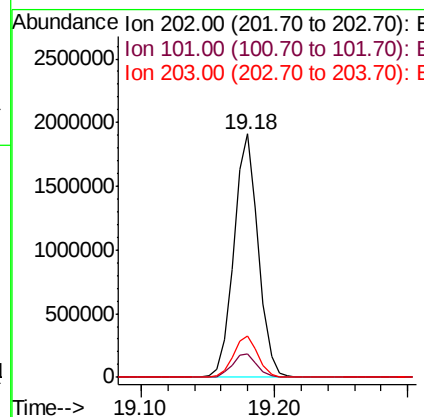
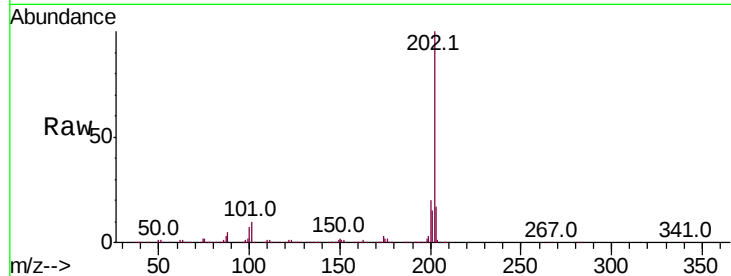
ClientSampleId :

PB116893BS

Tot Ion:	202	Resp:	2434031
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.9
203	17.1	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

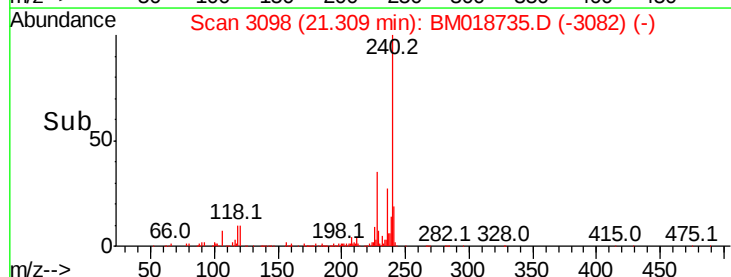
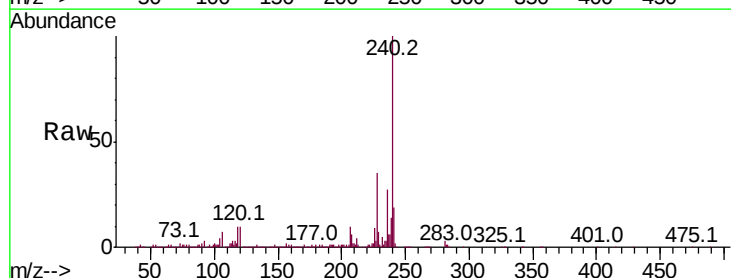
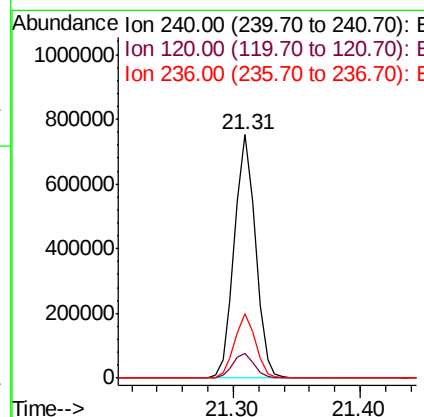
RT: 21.31 min Scan# 3098

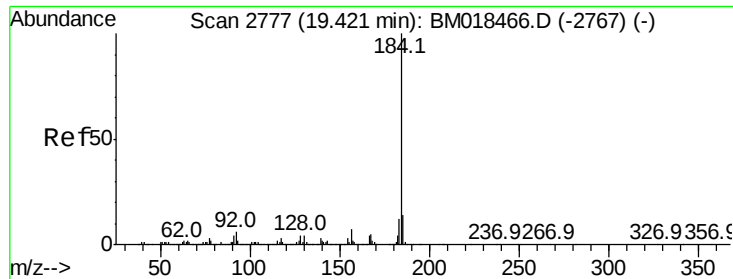
Delta R.T. -0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Tgt Ion:	240	Resp:	865101
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.4	12.6
236	26.6	20.7	31.1





#77

Benzidine

Concen: 40.737 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

BNA_M

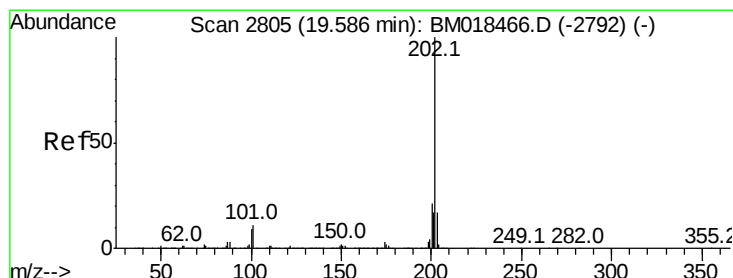
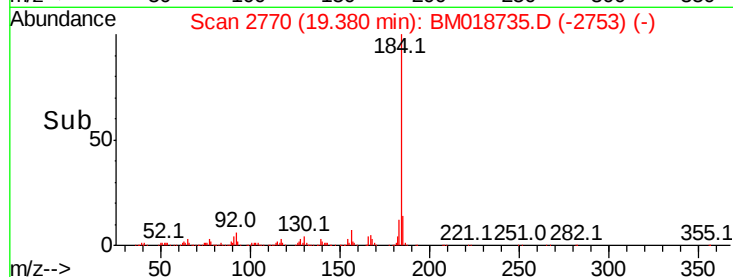
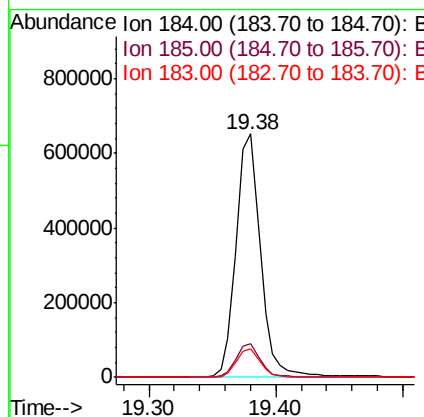
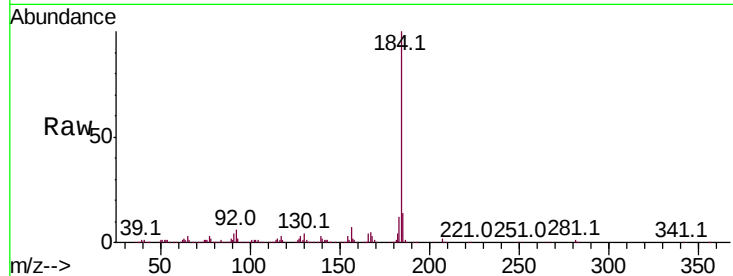
ClientSampleId :

PB116893BS

Tot Ion:	184	Resp:	870162
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.4	17.0
183	11.8	9.5	14.3

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#78

Pyrene

Concen: 48.151 ng

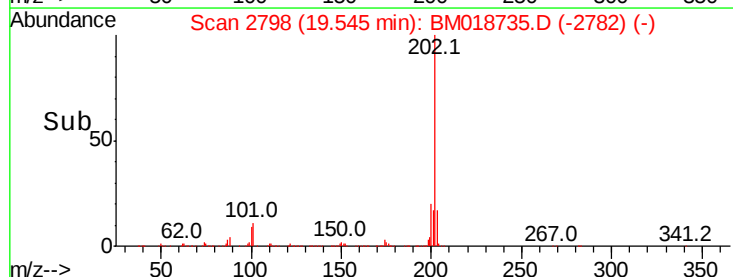
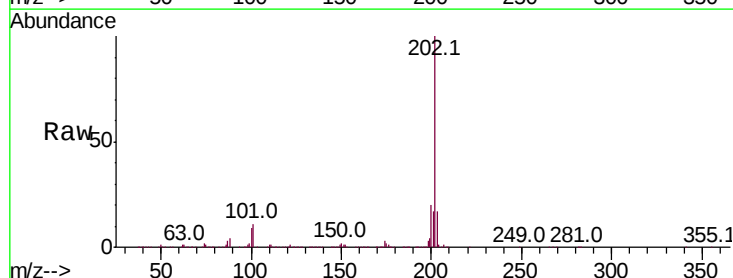
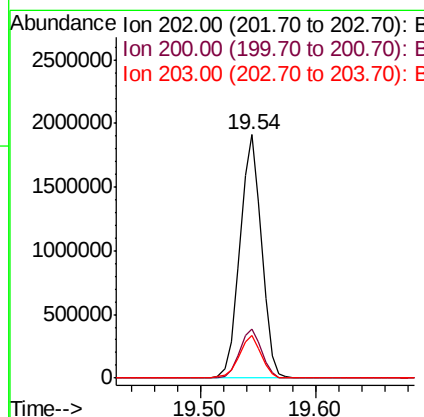
RT: 19.54 min Scan# 2798

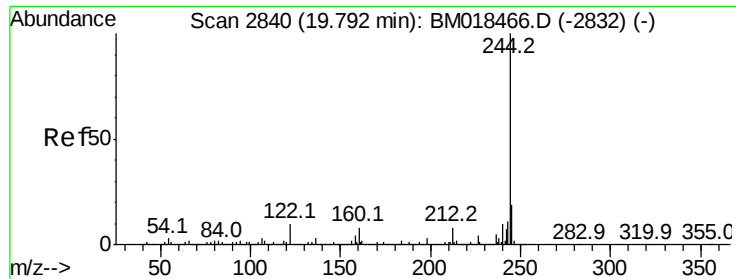
Delta R.T. -0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Tgt Ion:	202	Resp:	2469121
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.6	24.8
203	17.4	13.8	20.8





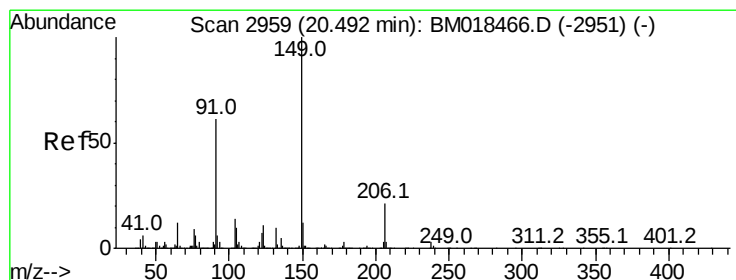
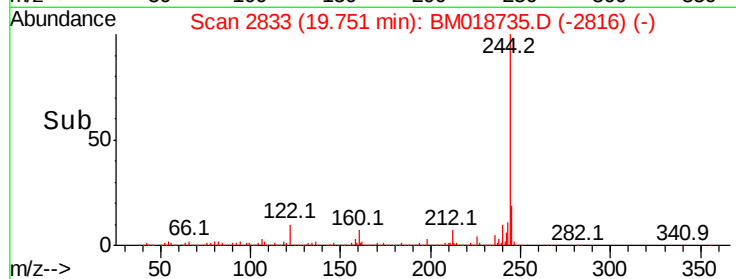
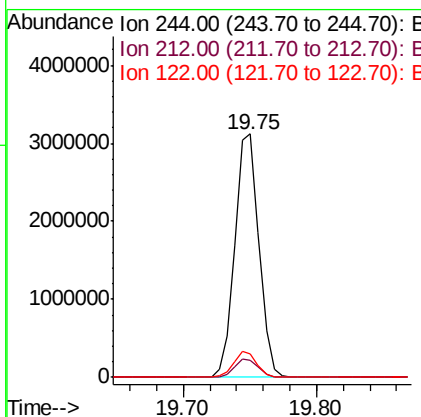
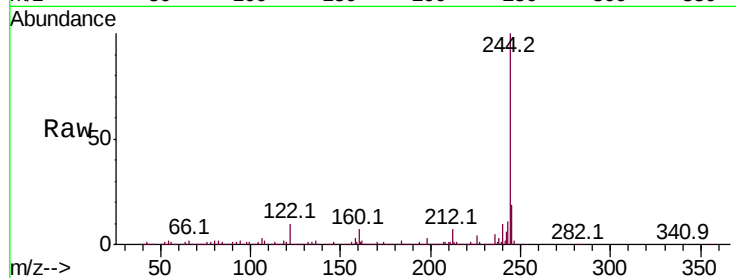
#79
 Terphenyl-d14
 Concen: 95.542 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Instrument :
 BNA_M
 ClientSampleId :
 PB116893BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.5	9.0	13.4

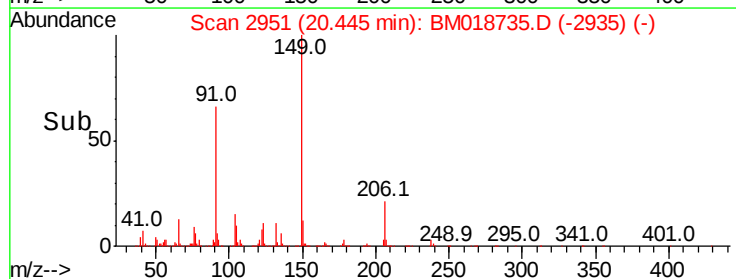
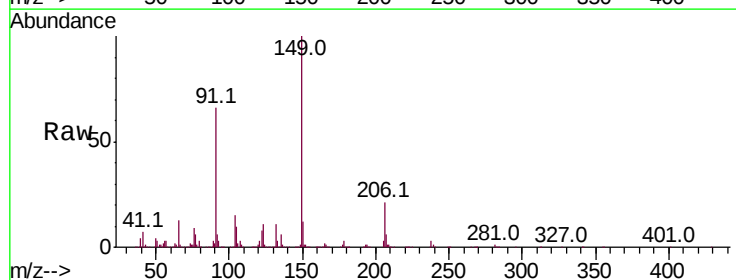
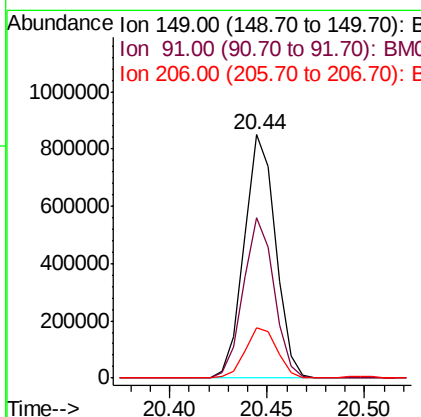
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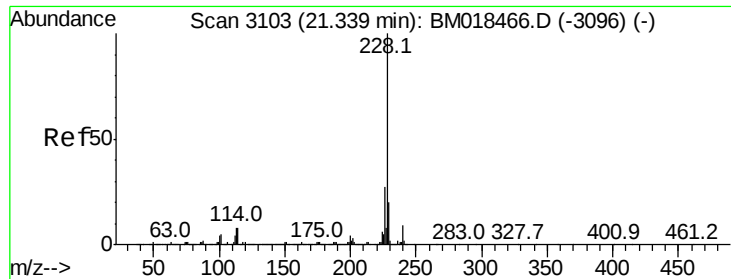
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#80
 Butylbenzylphthalate
 Concen: 43.254 ng
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BM018735.D
 Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.7	53.1	79.7
206	20.7	16.2	24.4





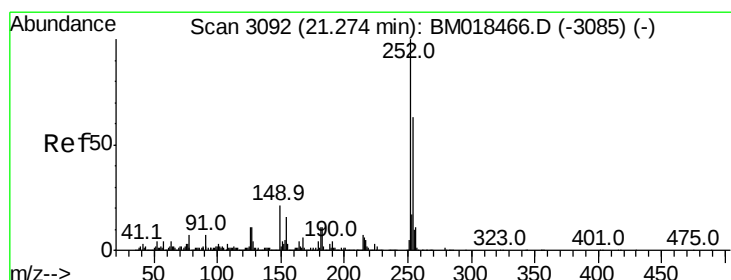
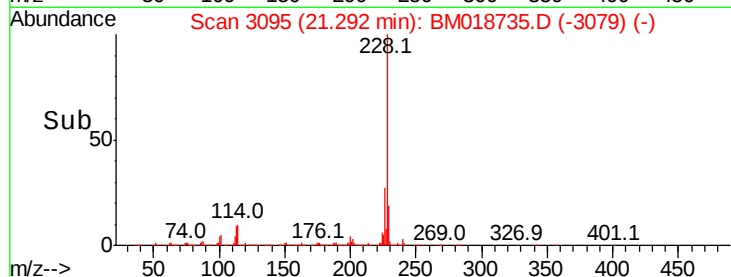
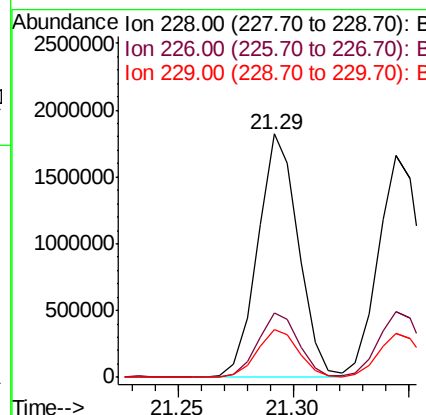
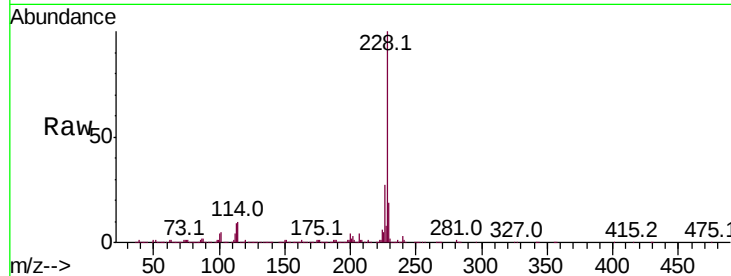
#81
Benzo(a)anthracene
Concen: 43.839 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.4	15.8	23.8

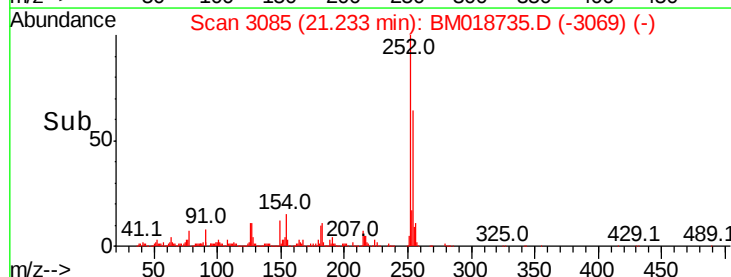
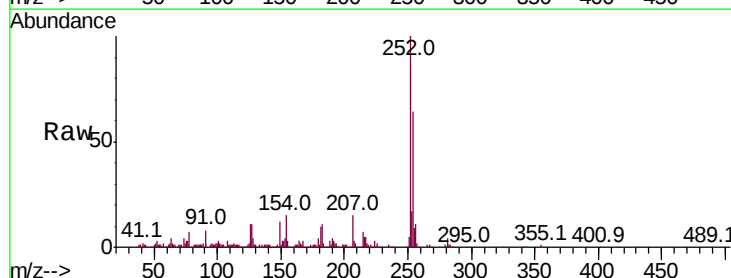
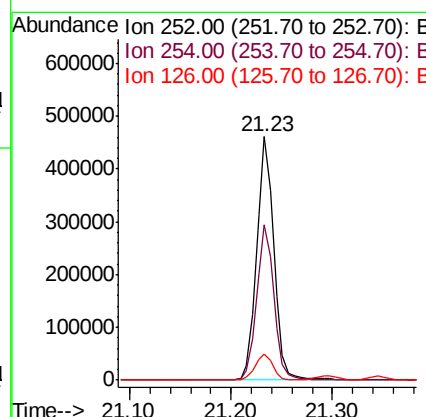
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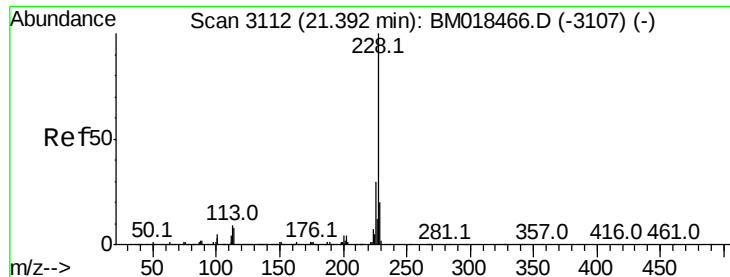
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#82
3,3'-Dichlorobenzidine
Concen: 28.218 ng
RT: 21.23 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.0
126	10.8	8.7	13.1





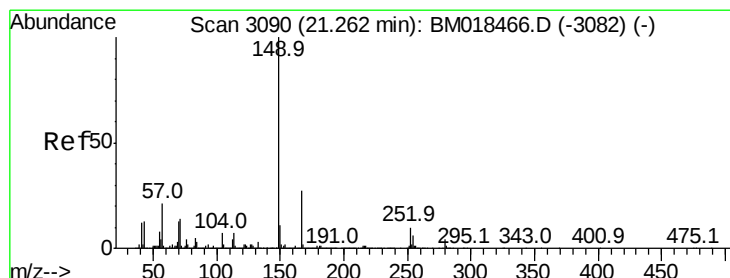
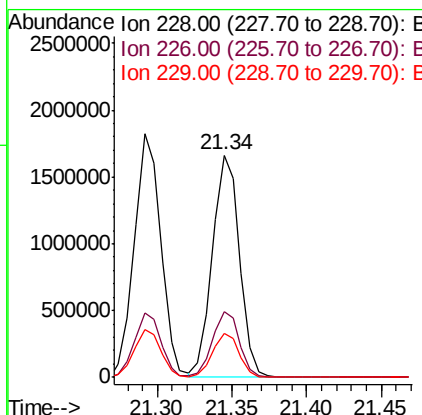
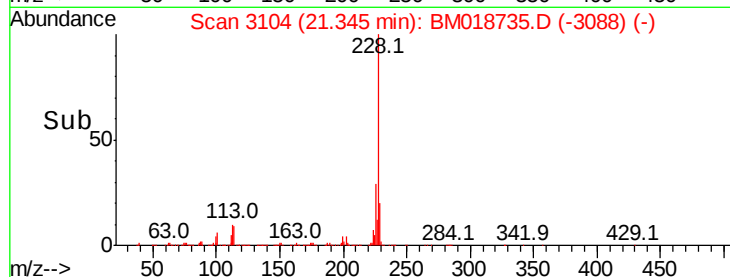
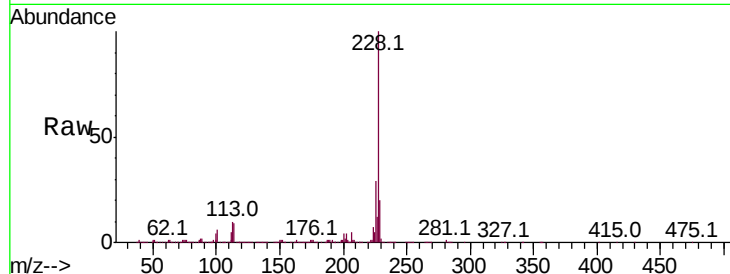
#83
Chrysene
Concen: 42.856 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	19.6	15.6	23.4

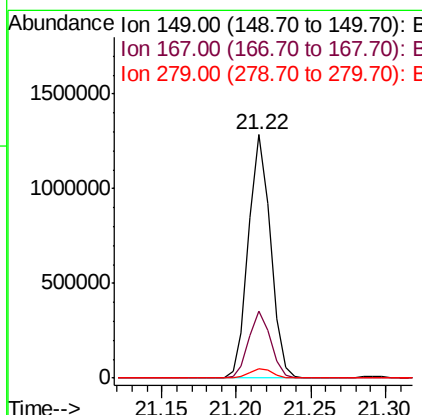
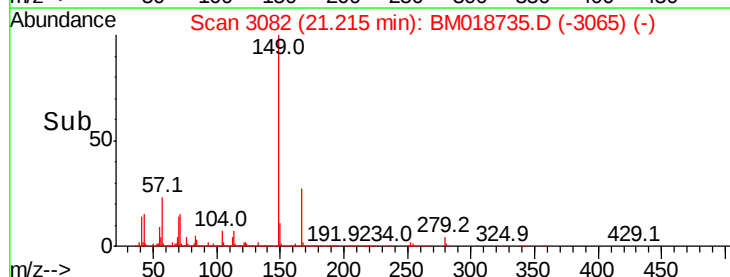
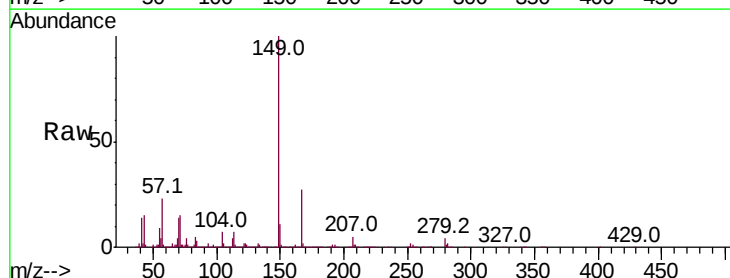
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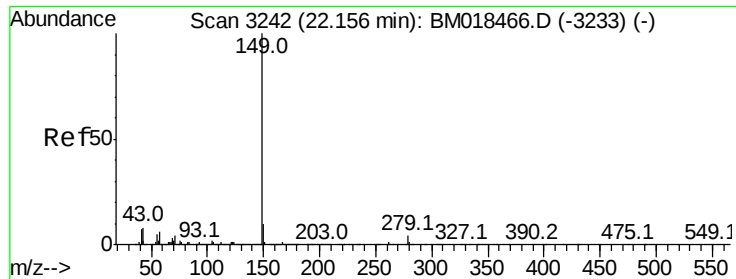
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.476 ng
RT: 21.22 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	4.1	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 41.323 ng

RT: 22.10 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

BNA_M

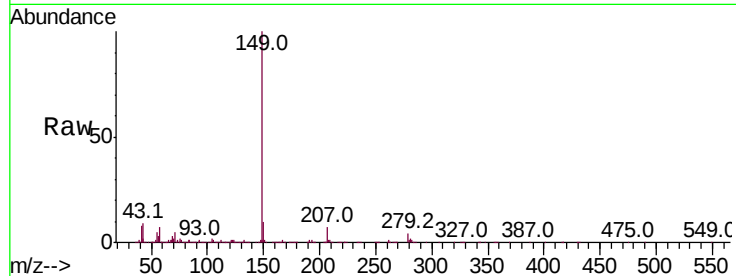
ClientSampleId :

PB116893BS

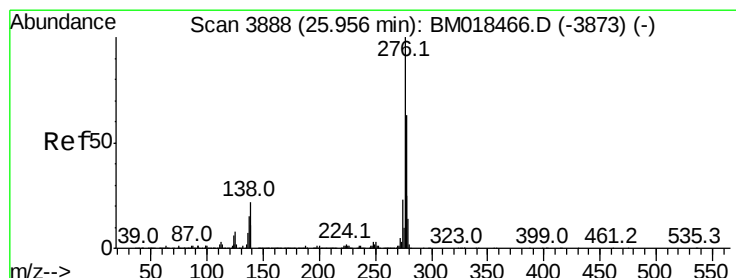
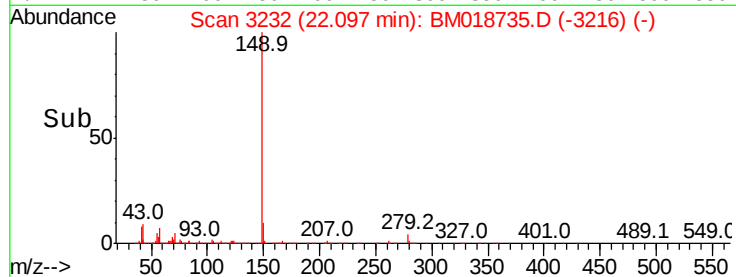
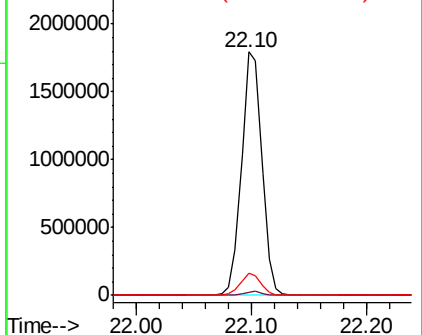
Tot Ion:	149	Resp:	2196011
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.8	8.6	12.8

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.127 ng

RT: 25.86 min Scan# 3872

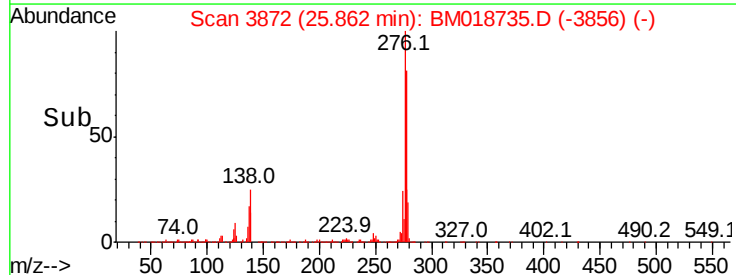
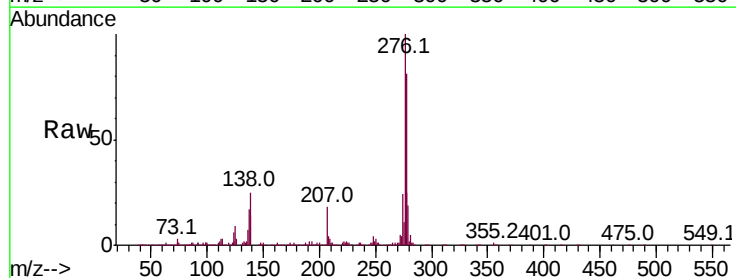
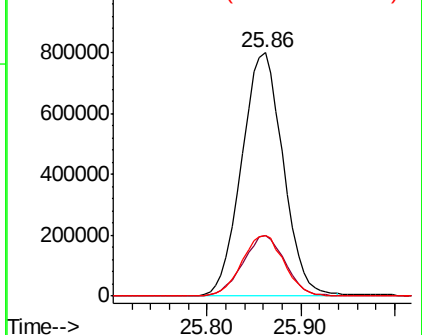
Delta R.T. -0.01 min

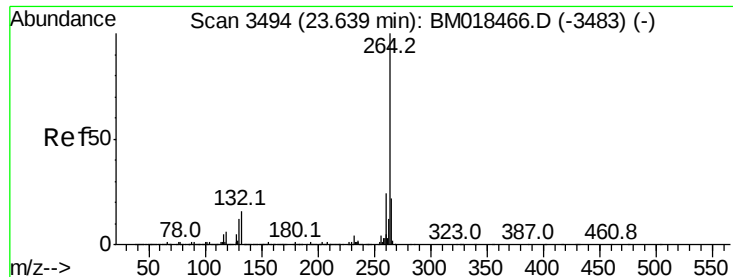
Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Tgt Ion:	276	Resp:	2447426
Ion Ratio	Lower	Upper	
276	100		
138	25.3	21.5	32.3
277	25.4	20.2	30.2

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

BNA_M

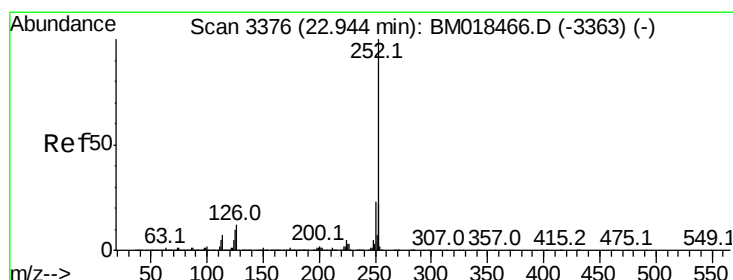
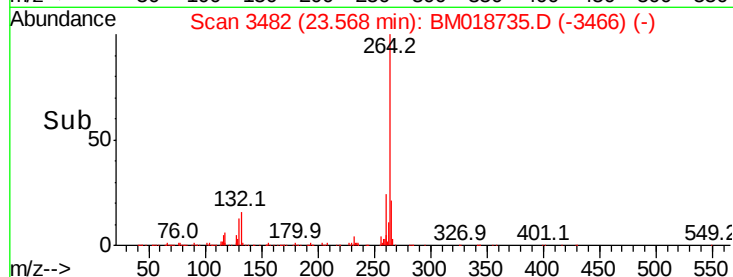
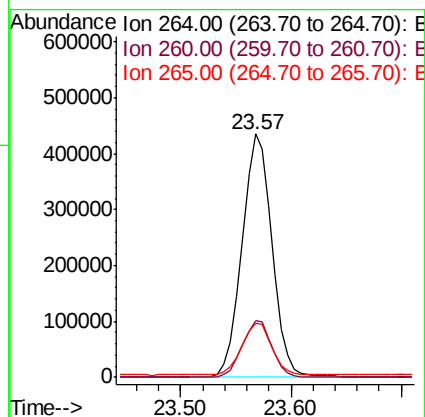
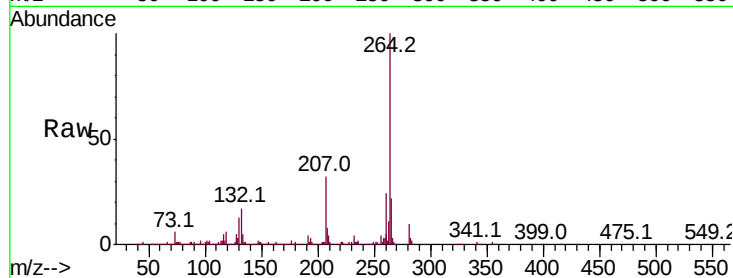
ClientSampleId :

PB116893BS

Tot Ion:	264	Resp:	831887
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.9	28.3
265	22.1	16.8	25.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 44.168 ng

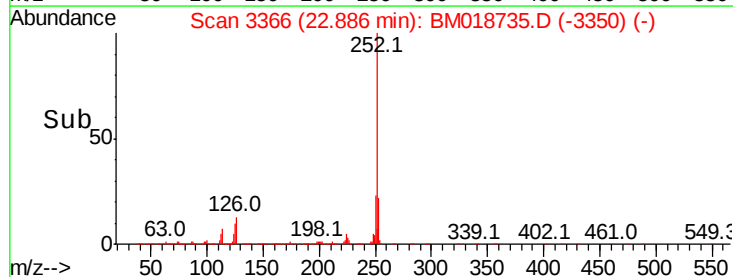
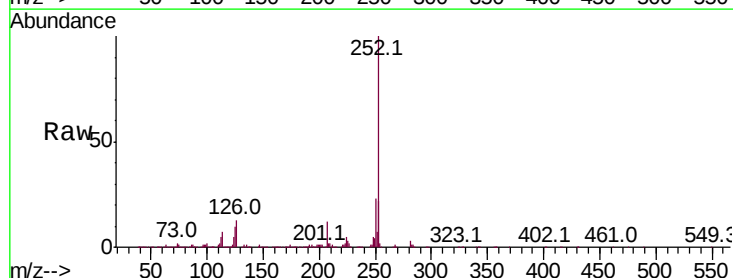
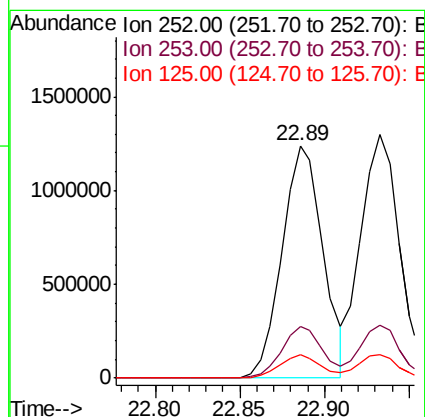
RT: 22.89 min Scan# 3366

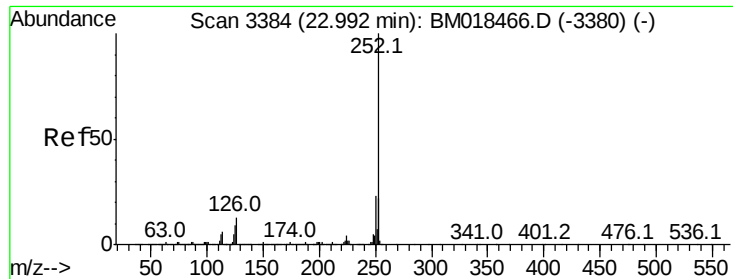
Delta R.T. -0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Tgt Ion:	252	Resp:	2085978
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	9.8	8.5	12.7





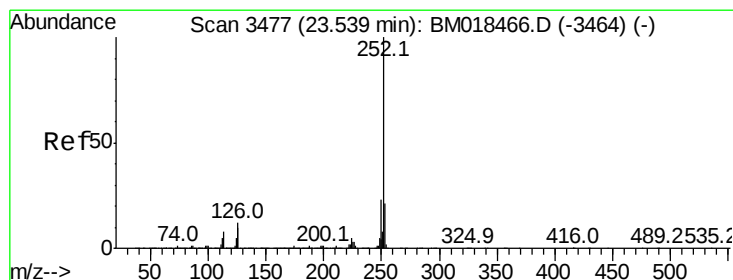
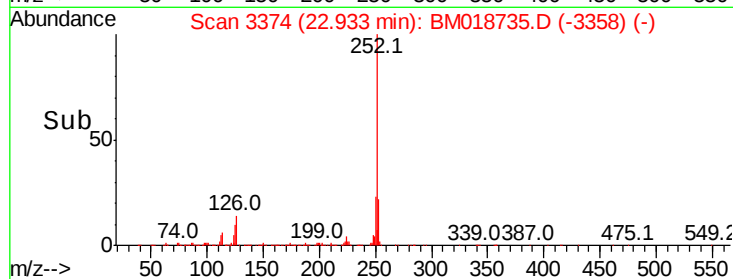
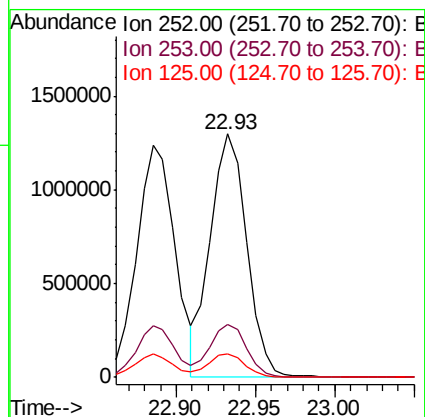
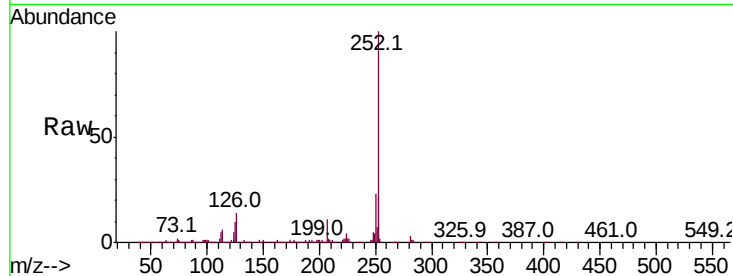
#89
Benzo(k)fluoranthene
Concen: 43.500 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Instrument :
BNA_M
ClientSampleId :
PB116893BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.6	8.6	12.8

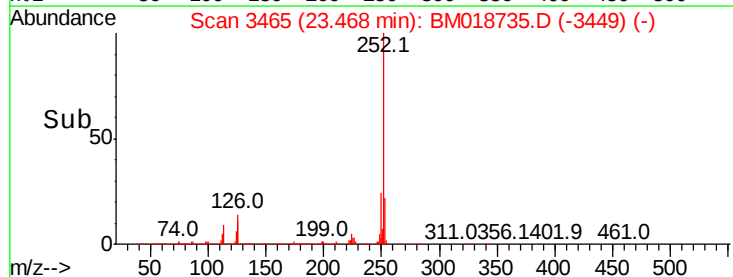
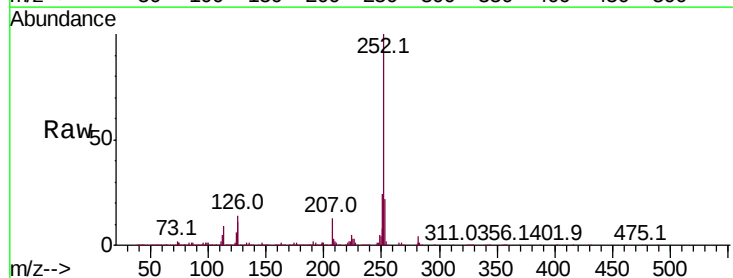
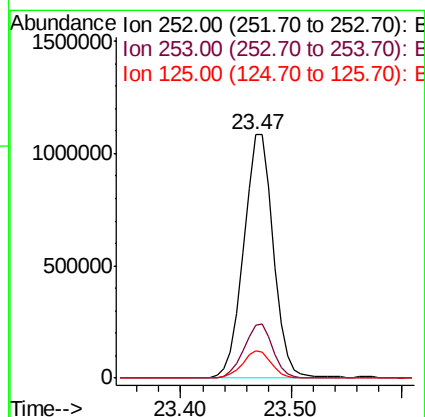
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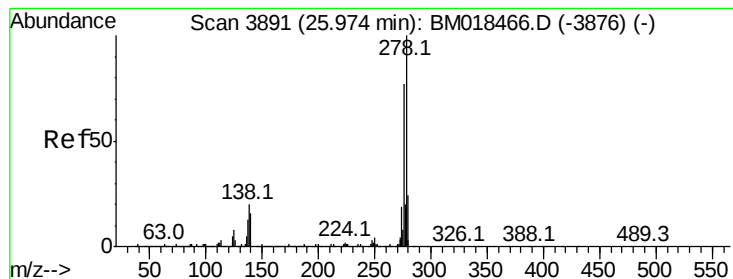
Sohil
2/11/2019 5:02:52 PM



#90
Benzo(a)pyrene
Concen: 45.224 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM018735.D
Acq: 07 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.4	9.7	14.5





#91

Dibenzo(a,h)anthracene

Concen: 44.918 ng

RT: 25.87 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

Instrument :

BNA_M

ClientSampleId :

PB116893BS

Tot Ion:278 Resp: 2057830

Ion Ratio Lower Upper

278 100

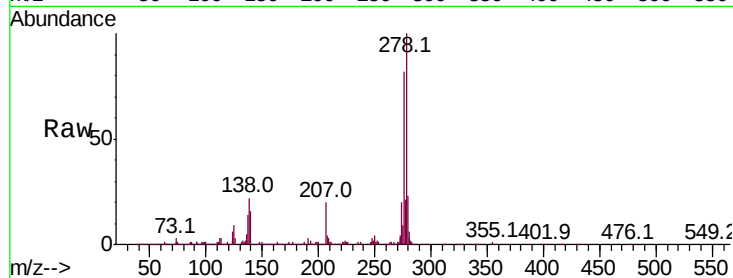
139 15.6 13.2 19.8

279 23.4 19.0 28.4

Manual Integrations
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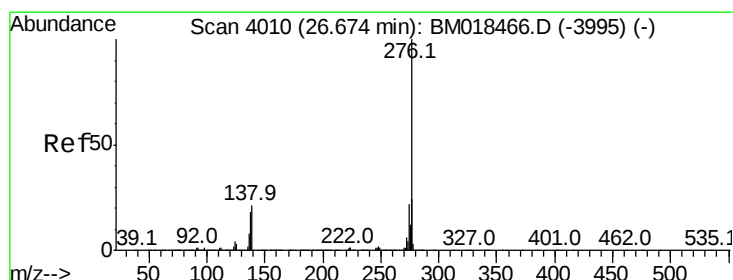
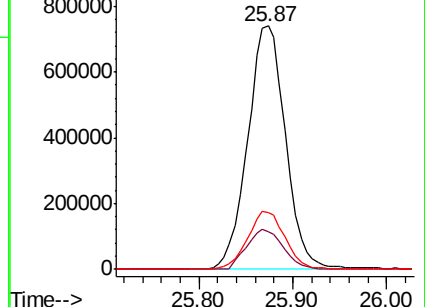
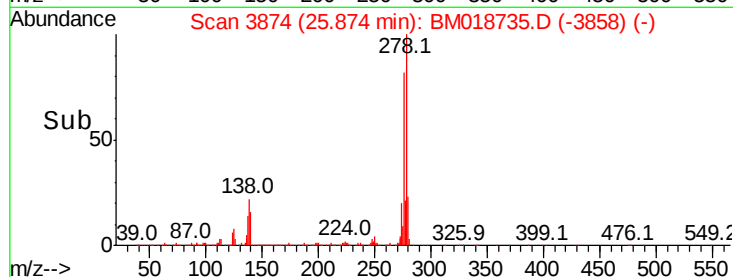


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



#92

Benzo(g,h,i)perylene

Concen: 45.602 ng

RT: 26.56 min Scan# 3991

Delta R.T. -0.02 min

Lab File: BM018735.D

Acq: 07 Feb 2019 13:11

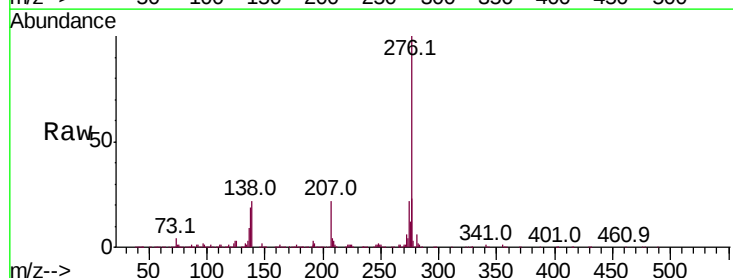
Tgt Ion:276 Resp: 2033012

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 22.2 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

