

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
 Data File : BM018812.D
 Acq On : 13 Feb 2019 21:25
 Operator : JU/SJ
 Sample : K1457-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MS

Manual Integrations
 APPROVED

Sohil
 2/14/2019 1:50:36 PM

Quant Time: Feb 14 01:21:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	270607	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1165427	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	688136	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1580954	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1731097	20.00	ng	0.00
87) Perylene-d12	23.56	264	1734774	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2441579	147.83	ng	0.00
7) Phenol-d6	6.89	99	3156611	135.67	ng	0.00
23) Nitrobenzene-d5	8.88	82	2463104	97.72	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1552296	156.49	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4916286	94.84	ng	0.00
79) Terphenyl-d14	19.74	244	8326942	99.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	256627	35.675	ng	97
3) Pyridine	3.65	79	639724	32.603	ng	98
4) n-Nitrosodimethylamine	3.57	42	254171	50.919	ng	91
6) Aniline	7.05	93	1045095	36.660	ng	99
8) 2-Chlorophenol	7.27	128	871648	48.070	ng	98
9) Benzaldehyde	6.87	77	517175	40.924	ng	# 88
10) Phenol	6.92	94	1084402	44.295	ng	98
11) bis(2-Chloroethyl)ether	7.15	93	841274	45.049	ng	99
12) 1,3-Dichlorobenzene	7.60	146	792936	38.889	ng	98
13) 1,4-Dichlorobenzene	7.75	146	822595	39.629	ng	99
14) 1,2-Dichlorobenzene	8.06	146	795409	39.893	ng	98
15) Benzyl Alcohol	7.96	79	917981	49.655	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	801110	44.323	ng	94
17) 2-Methylphenol	8.16	107	777311	49.887	ng	98
18) Hexachloroethane	8.77	117	366344	48.347	ng	98
19) n-Nitroso-di-n-propylamine	8.52	70	821092	45.579	ng	99
20) 3+4-Methylphenols	8.49	107	1084224	50.392	ng	98
22) Acetophenone	8.54	105	1386314	43.316	ng	# 99
24) Nitrobenzene	8.92	77	1216217	46.487	ng	99
25) Isophorone	9.44	82	2093854	52.065	ng	99
26) 2-Nitrophenol	9.62	139	468389	44.956	ng	97
27) 2,4-Dimethylphenol	9.68	122	855519	56.220	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	1222554	47.010	ng	100
29) 2,4-Dichlorophenol	10.15	162	853851	48.867	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	820634	40.668	ng	98
31) Naphthalene	10.55	128	3320280	58.416	ng	99
32) Benzoic acid	9.86	122	740203	55.762	ng	96
33) 4-Chloroaniline	10.67	127	698831	27.505	ng	100
34) Hexachlorobutadiene	10.82	225	444008	37.908	ng	99
35) Caprolactam	11.56	113	219718m	30.811	ng	
36) 4-Chloro-3-methylphenol	11.80	107	1029158	48.852	ng	99
37) 2-Methylnaphthalene	12.17	142	2098636	52.442	ng	99
38) 1-Methylnaphthalene	12.39	142	1937563	49.513	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	916267	41.624	ng	98

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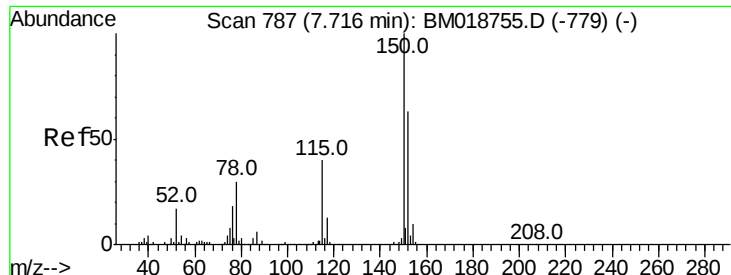
Manual Integrations
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 2/14/2019 1:50:36 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1073100	95.348	ng	98
43) 2,4,6-Trichlorophenol	12.79	196	698145	47.908	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	756308	49.516	ng	98
46) 1,1'-Biphenyl	13.19	154	2536687	42.825	ng	100
47) 2-Chloronaphthalene	13.23	162	1970441	43.069	ng	99
48) 2-Nitroaniline	13.46	65	721743	47.499	ng	99
49) Acenaphthylene	14.09	152	3311059	48.604	ng	99
50) Dimethylphthalate	13.83	163	2641262	46.056	ng	99
51) 2,6-Dinitrotoluene	13.96	165	584804	47.074	ng	99
52) Acenaphthene	14.43	154	1884789	45.121	ng	99
53) 3-Nitroaniline	14.29	138	449697	32.037	ng	100
54) 2,4-Dinitrophenol	14.50	184	437354	57.248	ng	98
55) Dibenzofuran	14.76	168	3092644	45.044	ng	99
56) 4-Nitrophenol	14.60	139	955034	85.231	ng	98
57) 2,4-Dinitrotoluene	14.75	165	829725	48.475	ng	99
58) Fluorene	15.42	166	2542101	48.397	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	683353	50.616	ng	98
60) Diethylphthalate	15.19	149	2739829	46.314	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	1262746	42.877	ng	98
62) 4-Nitroaniline	15.46	138	550737	40.021	ng	98
63) Azobenzene	15.70	77	2942074	46.383	ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	376904	33.955	ng	98
66) n-Nitrosodiphenylamine	15.63	169	2244742	44.941	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	752552	42.527	ng	97
68) Hexachlorobenzene	16.41	284	876095	42.593	ng	98
69) Atrazine	16.59	200	796654	49.473	ng	99
70) Pentachlorophenol	16.76	266	1148124	86.691	ng	99
71) Phenanthrene	17.16	178	4036793	47.512	ng	100
72) Anthracene	17.24	178	4095533	49.525	ng	99
73) Carbazole	17.53	167	3854874	44.617	ng	99
74) Di-n-butylphthalate	18.08	149	4773037	48.036	ng	100
75) Fluoranthene	19.17	202	4699528	47.885	ng	98
77) Benzidine	19.37	184	1554433	39.871	ng	99
78) Pyrene	19.54	202	4867843	48.417	ng	100
80) Butylbenzylphthalate	20.44	149	2335407	50.969	ng	98
81) Benzo(a)anthracene	21.29	228	4923841	48.795	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1277762	32.040	ng	99
83) Chrysene	21.34	228	4629022	47.860	ng	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	3354914	50.026	ng	98
85) Di-n-octyl phthalate	22.09	149	5918673	52.511	ng	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	5127731	45.920	ng	99
88) Benzo(b)fluoranthene	22.89	252	4950416	49.877	ng	100
89) Benzo(k)fluoranthene	22.93	252	5055280	51.160	ng	100
90) Benzo(a)pyrene	23.47	252	4735331	50.363	ng	98
91) Dibenzo(a,h)anthracene	25.87	278	4395555	47.186	ng	99
92) Benzo(g,h,i)perylene	26.56	276	3965131	45.721	ng	99

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



#1

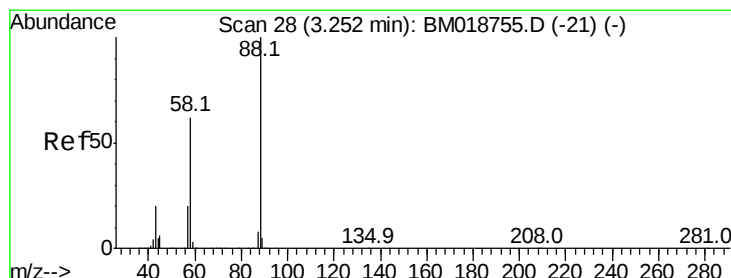
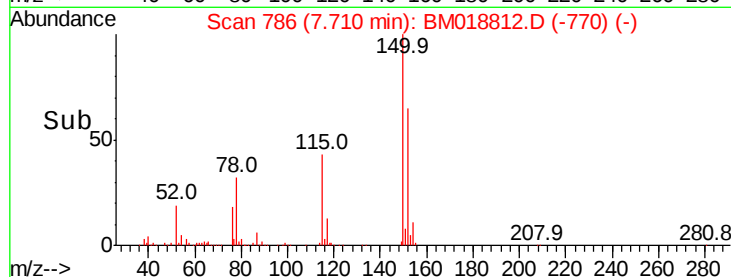
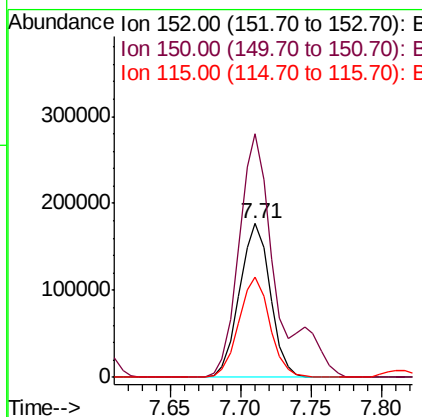
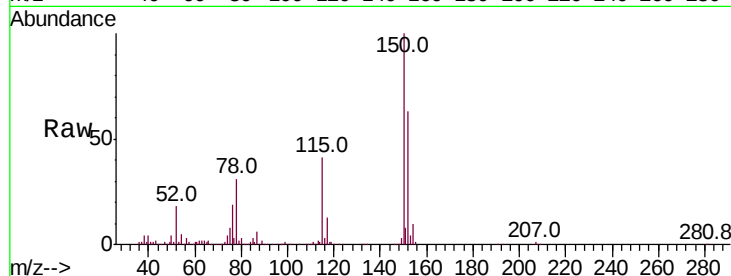
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.3	190.9
115	65.4	50.8	76.2

Manual Integrations
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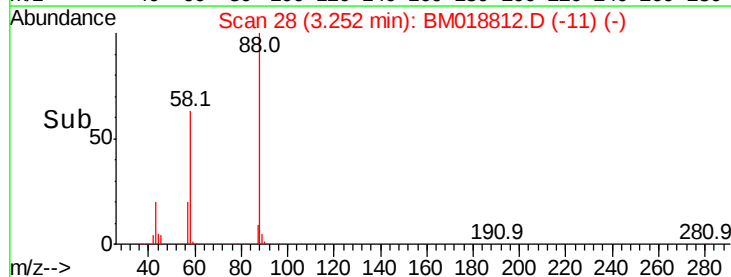
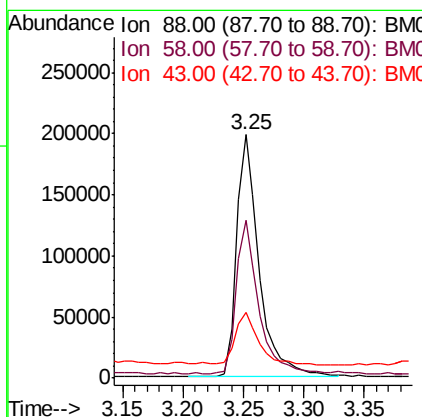
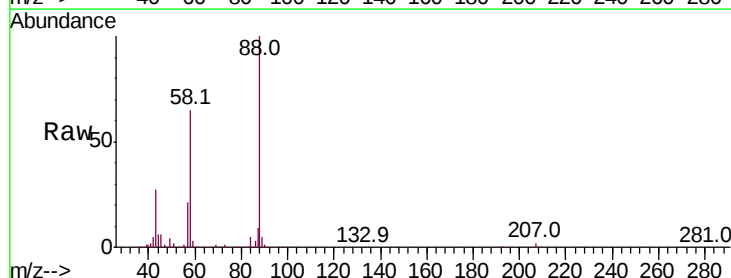
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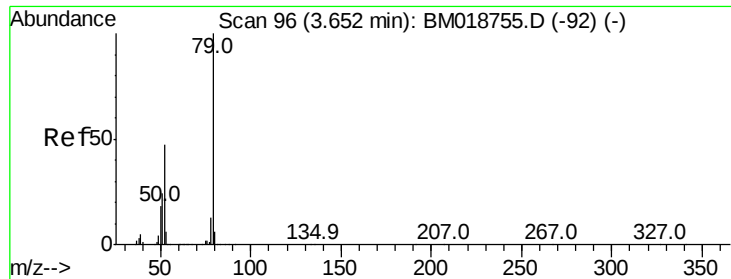


#2

1,4-Dioxane
Concen: 35.675 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.9	49.8	74.6
43	23.3	16.7	25.1





#3

Pvridine

Concen: 32.603 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

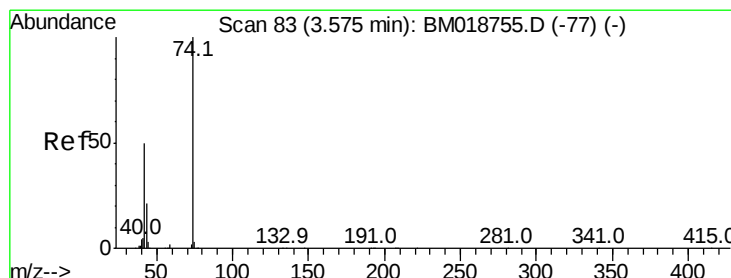
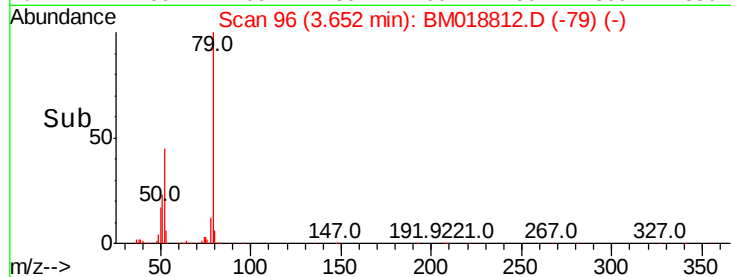
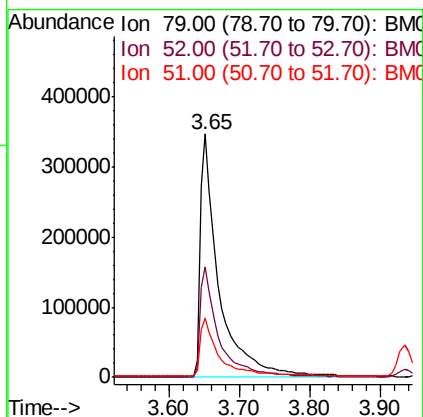
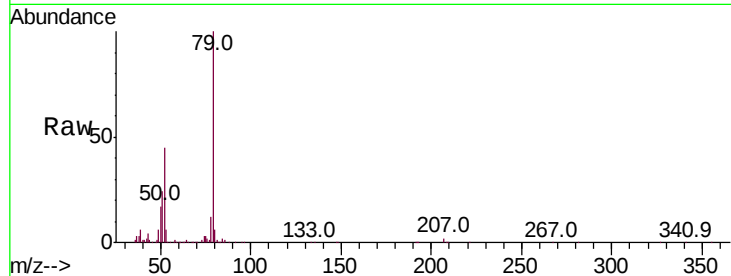
ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:	79	Resp:	639724
Ion Ratio	Lower	Upper	
79	100		
52	45.3	37.6	56.4
51	24.1	19.7	29.5

Manual Integrations
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2/14/2019 1:50:36 PM



#4

n-Nitrosodimethylamine

Concen: 50.919 ng

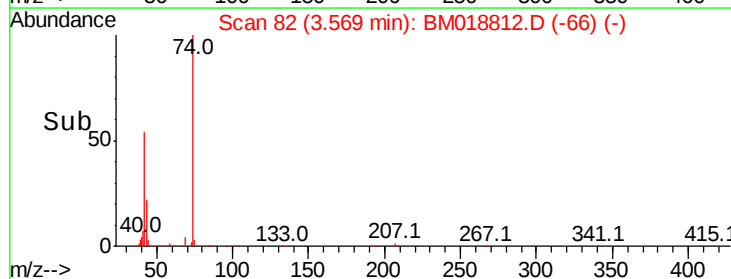
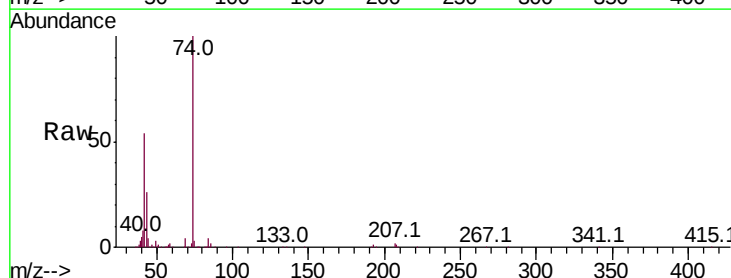
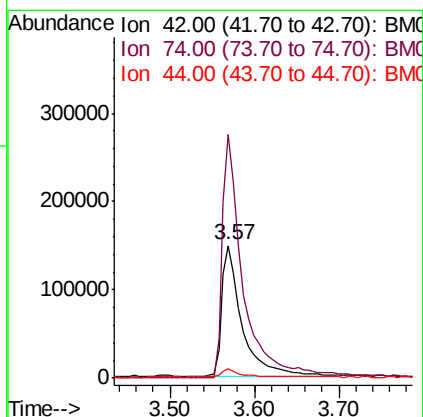
RT: 3.57 min Scan# 82

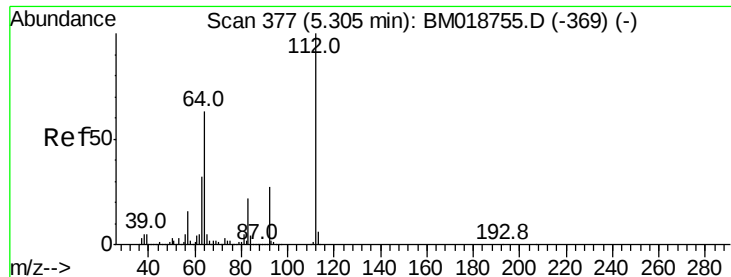
Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Tgt Ion:	42	Resp:	254171
Ion Ratio	Lower	Upper	
42	100		
74	183.6	158.1	237.1
44	6.9	4.9	7.3





#5

2-Fluorophenol

Concen: 147.833 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:112 Resp: 2441579

Ion Ratio Lower Upper

112 100

64 64.4 50.6 75.8

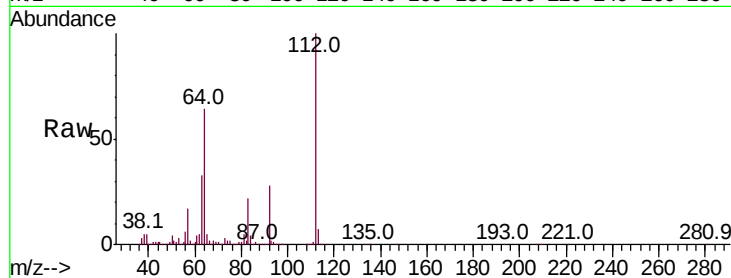
63 33.3 25.7 38.5

Manual Integrations

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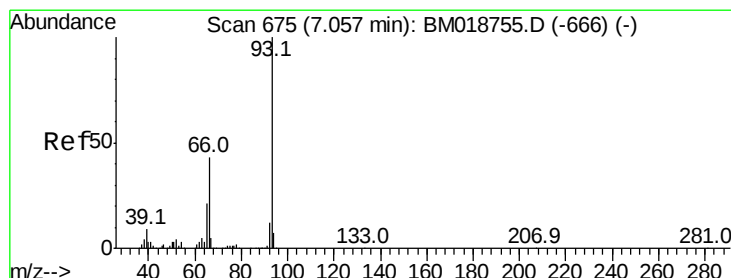
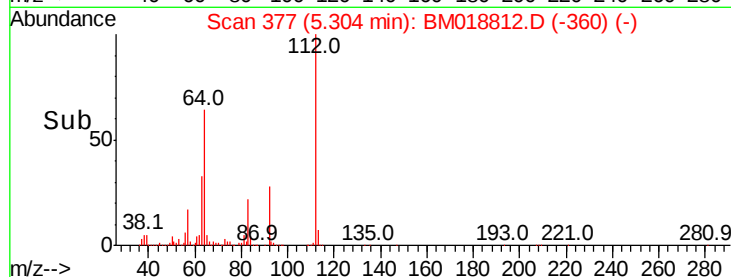
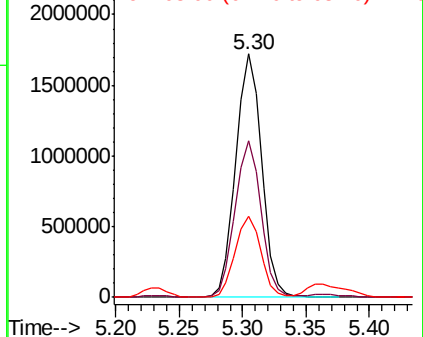
2/14/2019 1:50:36 PM



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: 36.660 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

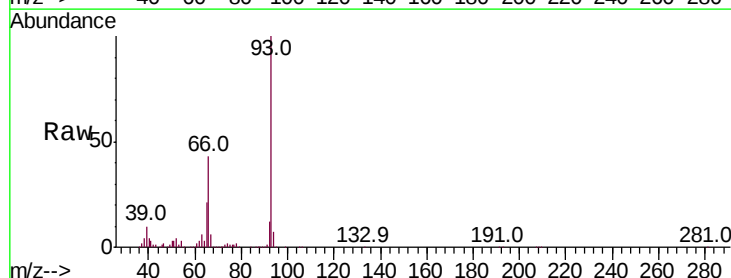
Tgt Ion: 93 Resp: 1045095

Ion Ratio Lower Upper

93 100

66 42.8 34.1 51.1

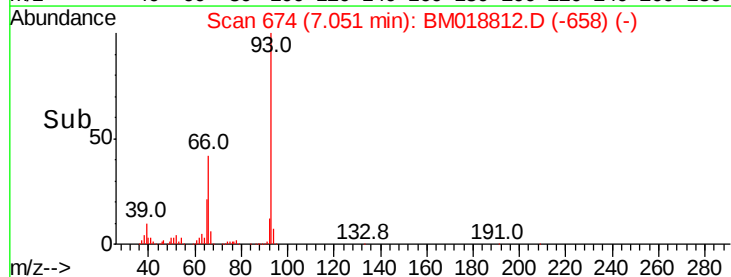
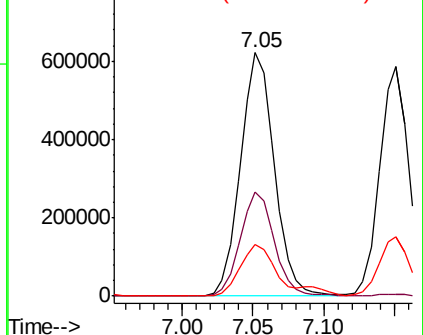
65 21.4 16.6 24.8

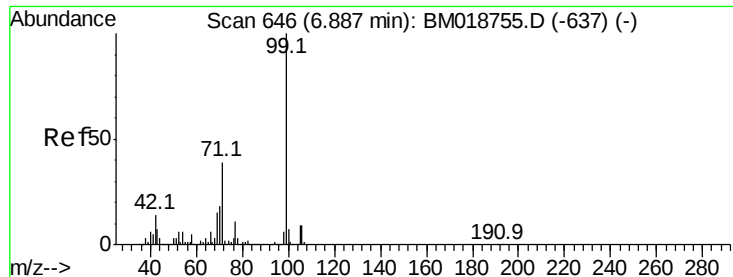


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 135.671 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion: 99 Resp: 3156611

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

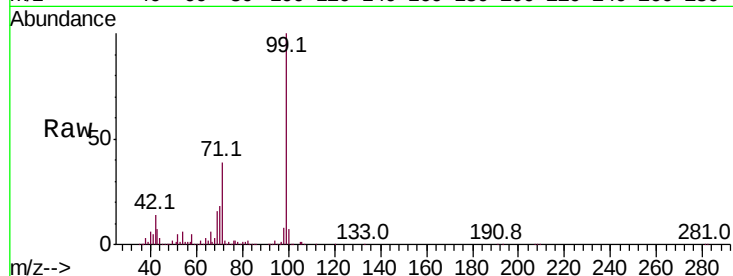
71 39.3 31.3 46.9

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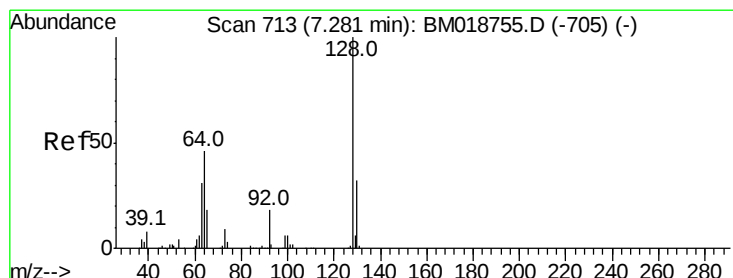
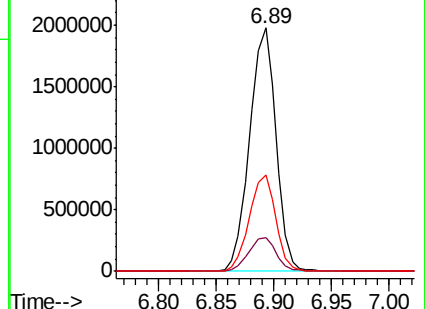
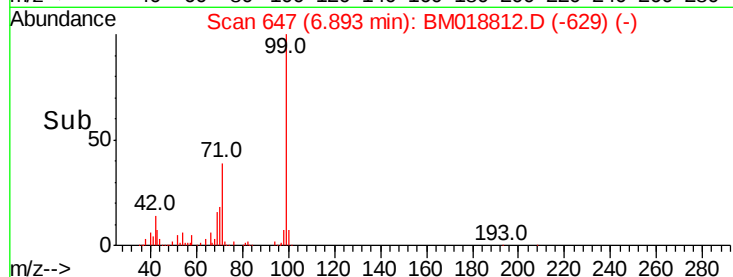
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Abundance Ion 99.00 (98.70 to 99.70): BM018812.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018812.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018812.D (-629) (-)



#8

2-Chlorophenol

Concen: 48.070 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

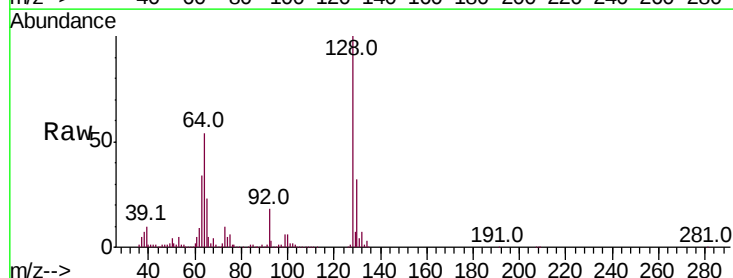
Tgt Ion: 128 Resp: 871648

Ion Ratio Lower Upper

128 100

130 31.9 11.7 51.7

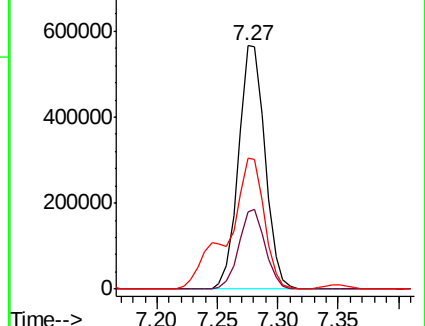
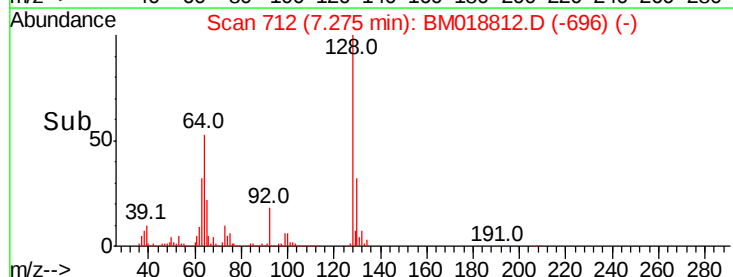
64 53.5 31.0 71.0

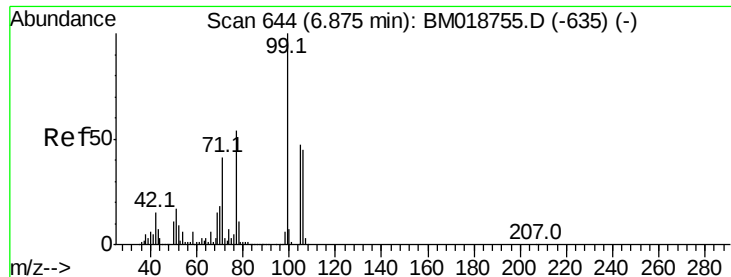


Abundance Ion 128.00 (127.70 to 128.70): BM018812.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018812.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018812.D (-696) (-)





#9

Benzaldehyde

Concen: 40.924 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion: 77 Resp: 517175

Ion Ratio Lower Upper

77 100

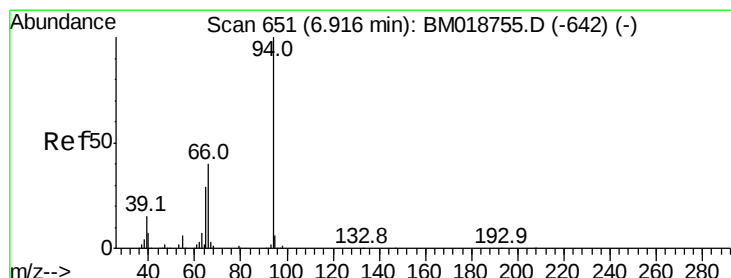
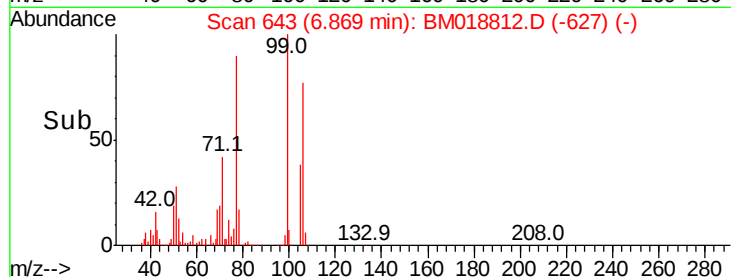
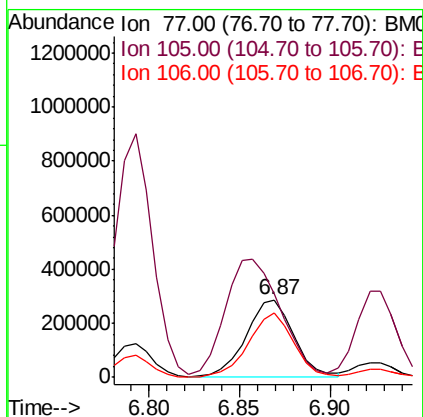
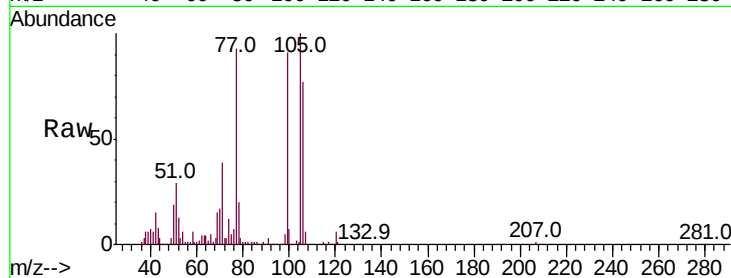
105 108.1 67.3 107.3#

106 82.9 62.9 102.9

Manual Integrations
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#10

Phenol

Concen: 44.295 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

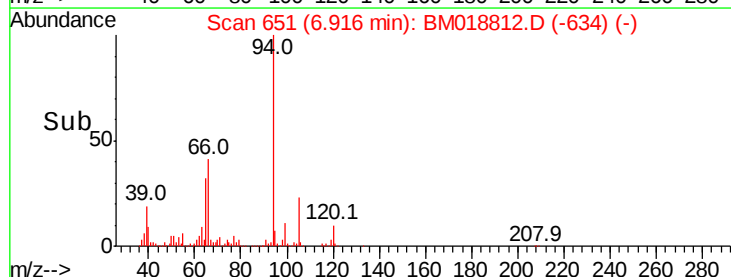
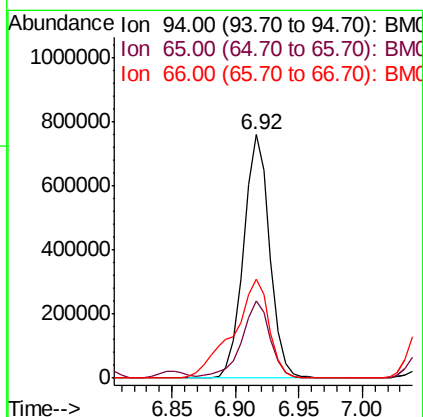
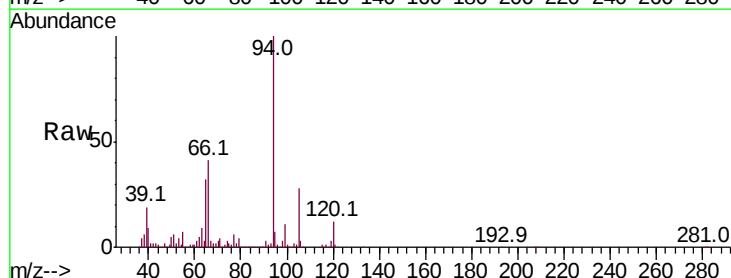
Tgt Ion: 94 Resp: 1084402

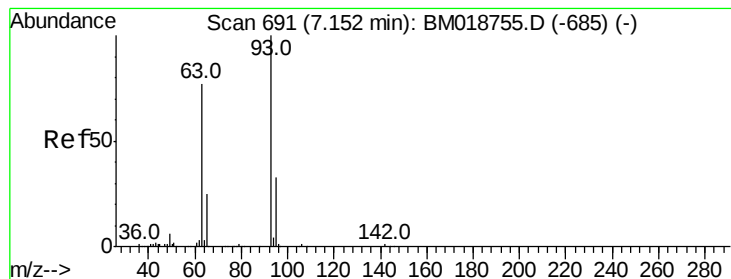
Ion Ratio Lower Upper

94 100

65 31.9 9.6 49.6

66 40.8 20.4 60.4





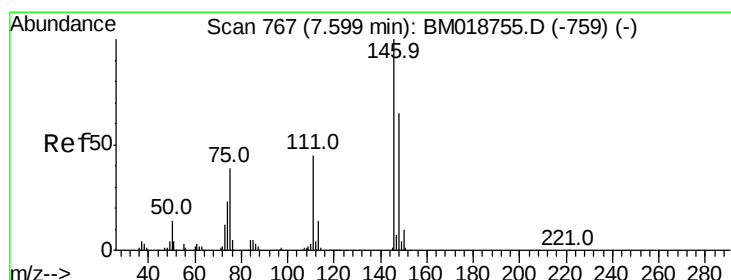
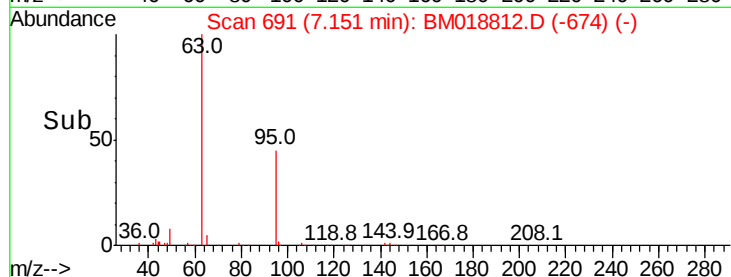
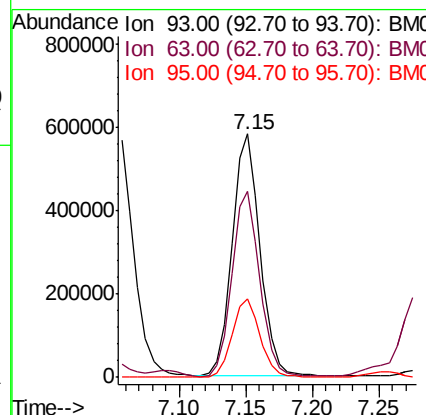
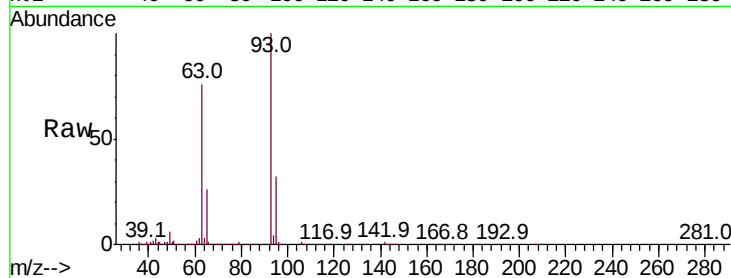
#11
bis(2-Chloroethyl)ether
Concen: 45.049 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.2	57.0	97.0
95	32.2	12.4	52.4

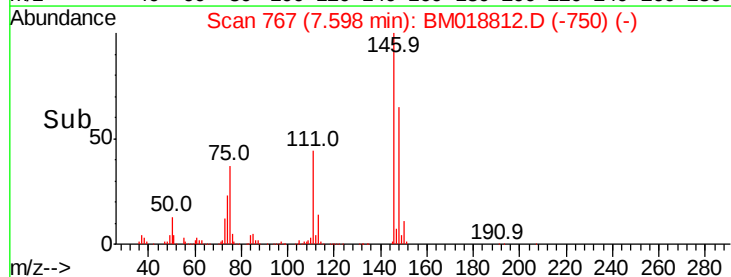
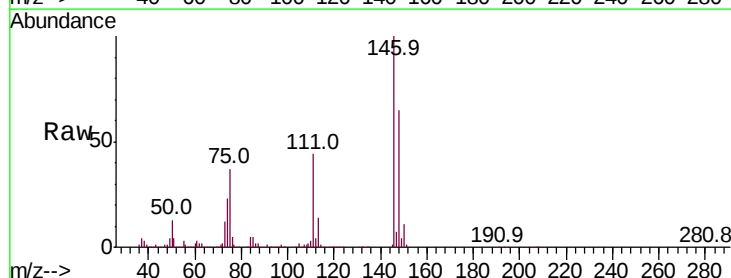
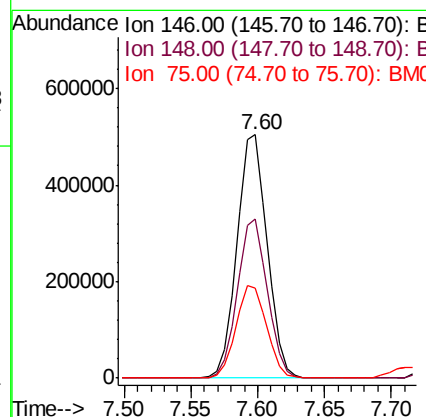
Manual Integrations
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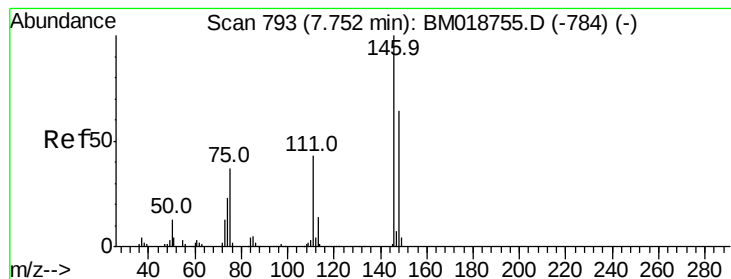
Sohil
2/14/2019 1:50:36 PM



#12
1,3-Dichlorobenzene
Concen: 38.889 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.7	77.5
75	37.0	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 39.629 ng

RT: 7.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

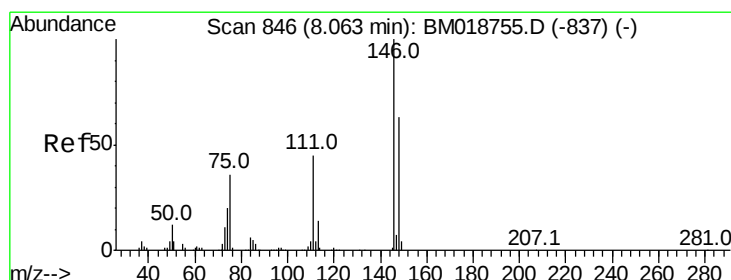
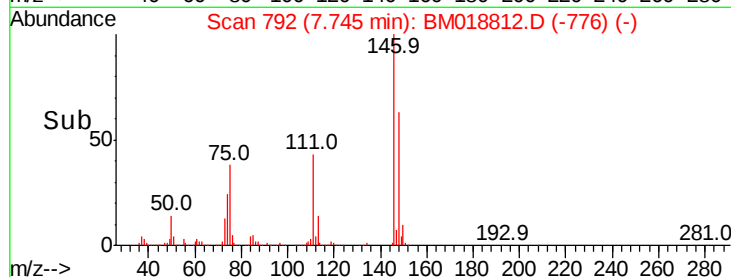
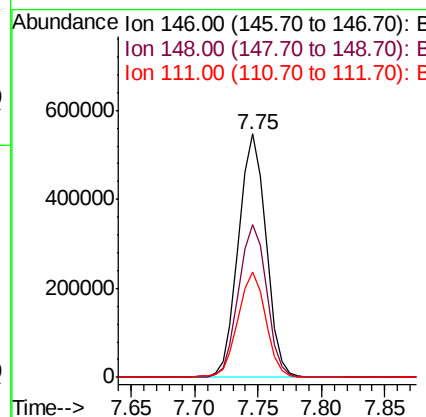
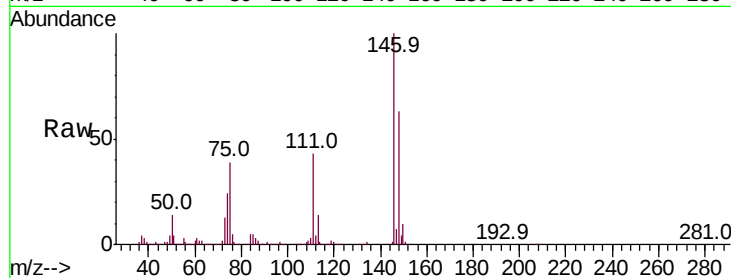
ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:	146	Resp:	822595
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.4	77.2
111	43.3	34.6	52.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.893 ng

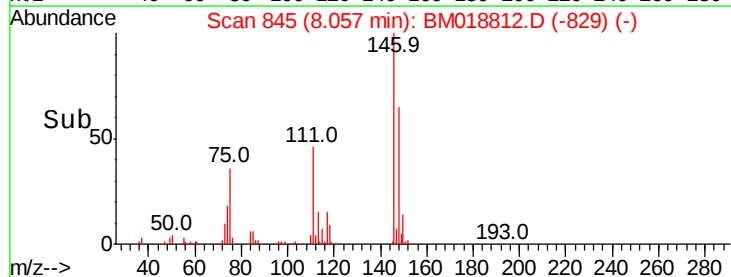
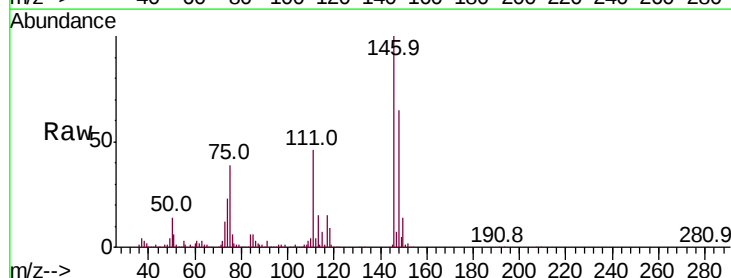
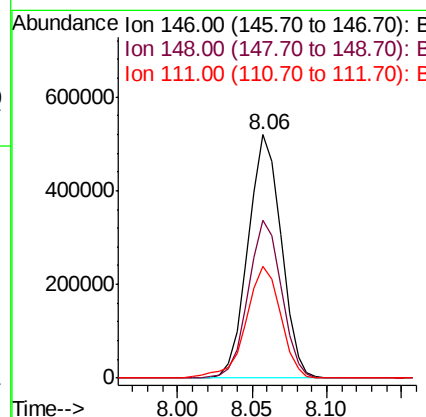
RT: 8.06 min Scan# 845

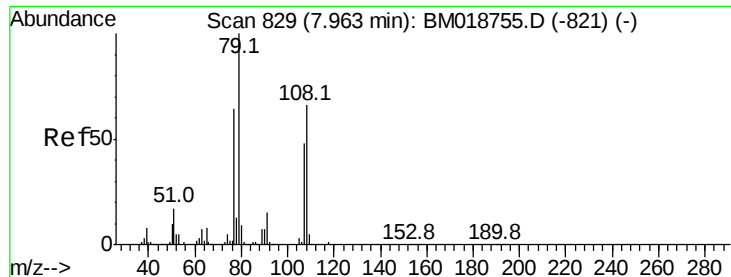
Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Tgt Ion:	146	Resp:	795409
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.7	76.1
111	45.7	35.9	53.9





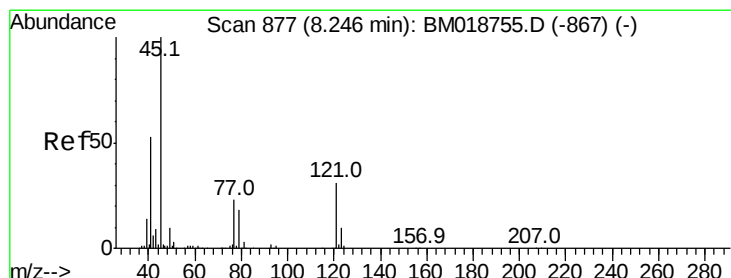
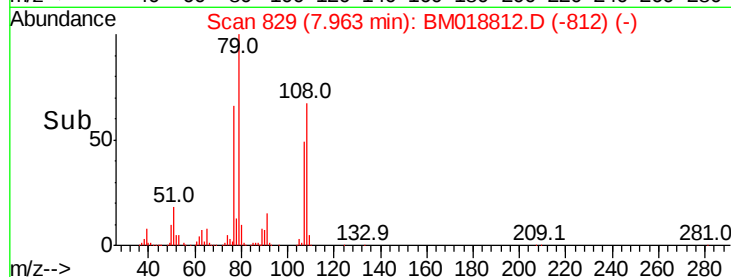
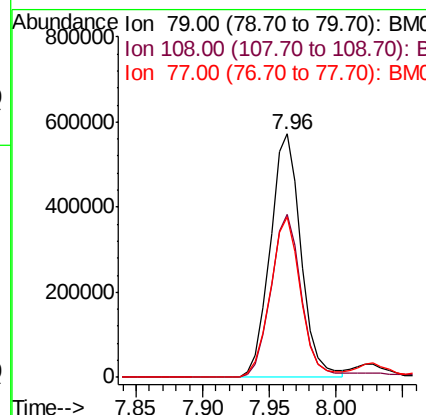
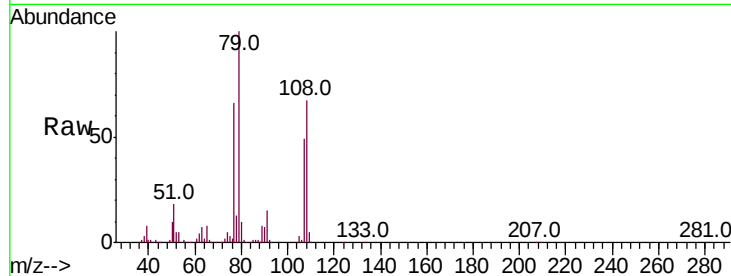
#15
Benzyl Alcohol
Concen: 49.655 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.7	52.7	79.1
77	66.0	51.0	76.4

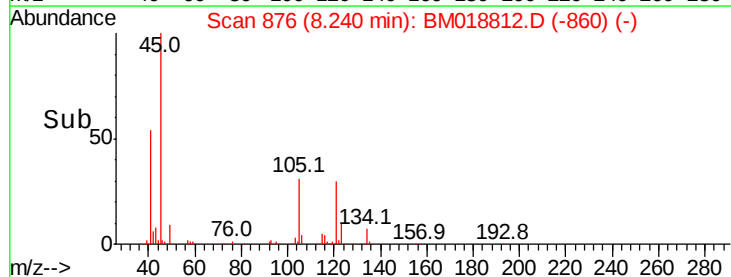
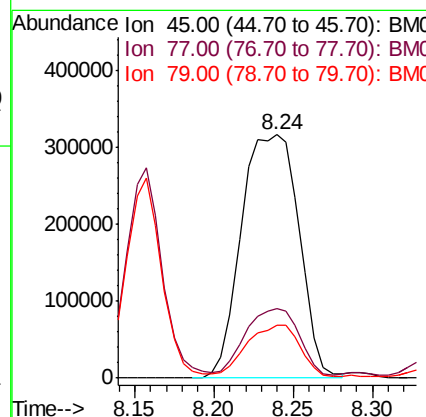
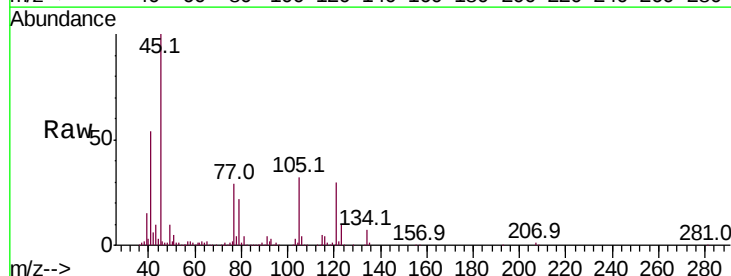
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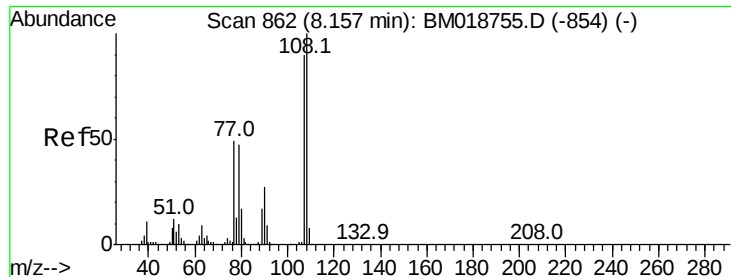
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.323 ng
RT: 8.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.5	5.0	45.0
79	21.7	0.0	39.3





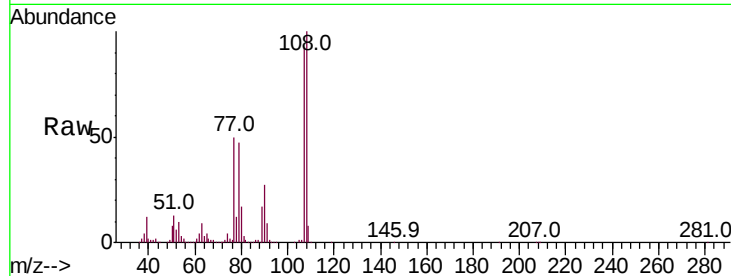
#17
2-Methylphenol
Concen: 49.887 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	777311		
108	108.9	88.8	133.2	
77	54.0	44.0	66.0	
79	51.4	42.4	63.6	

Manual Integrations
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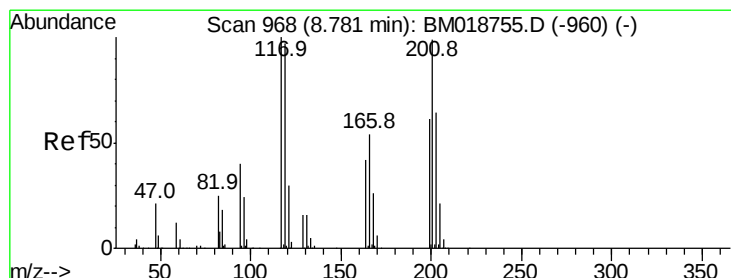
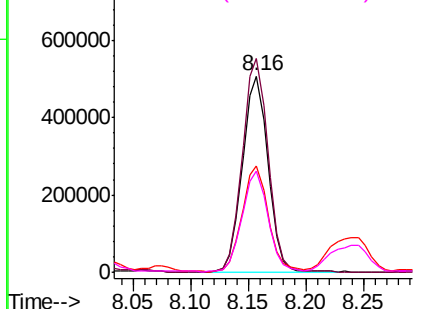
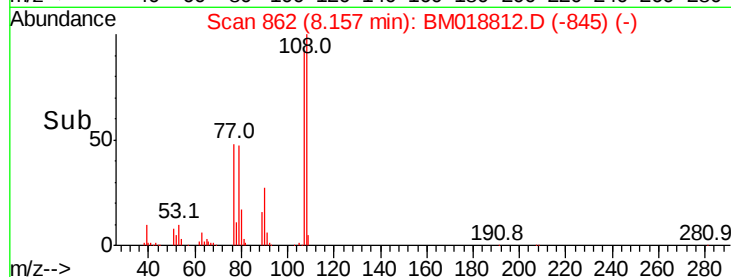
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

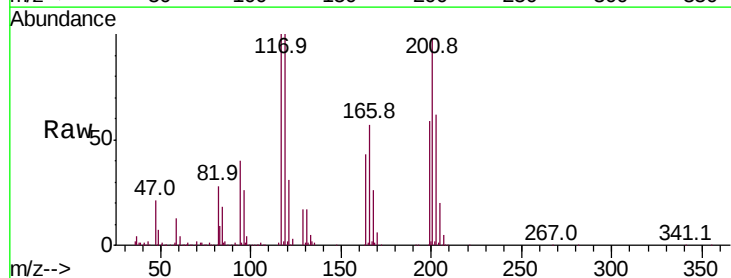
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 48.347 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	366344		
119	99.9	77.9	116.9	
201	97.9	79.2	118.8	

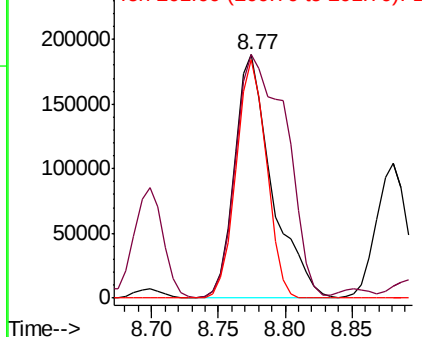
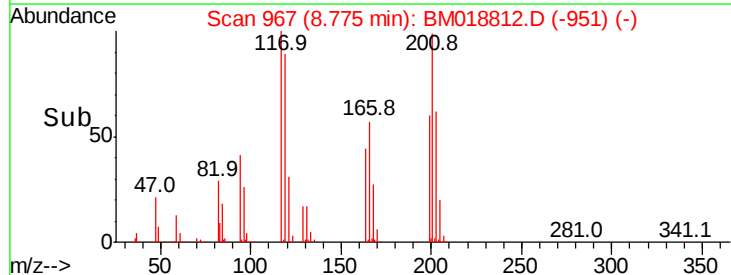


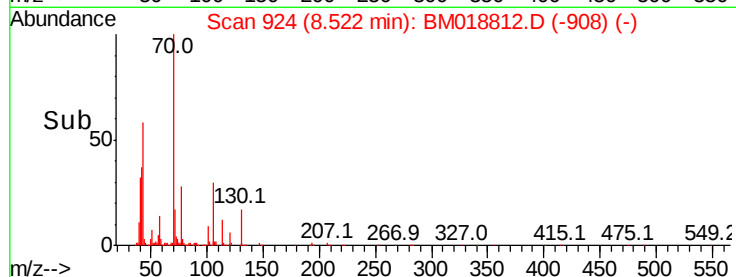
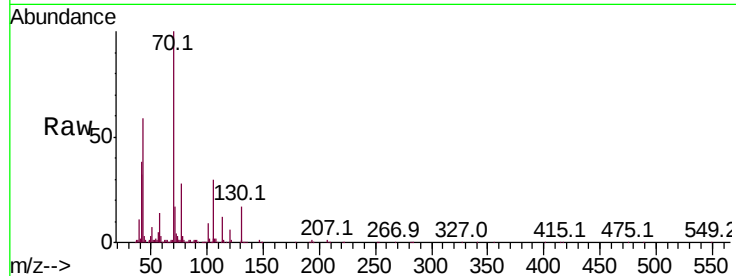
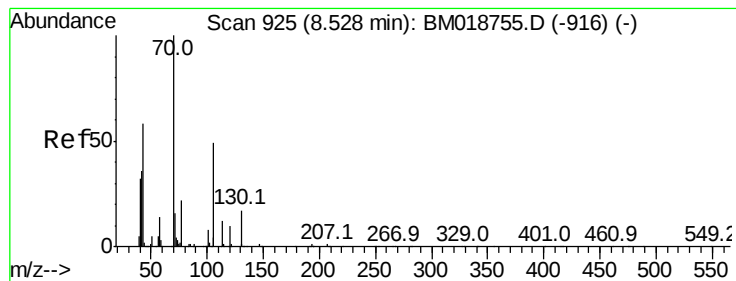
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.579 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

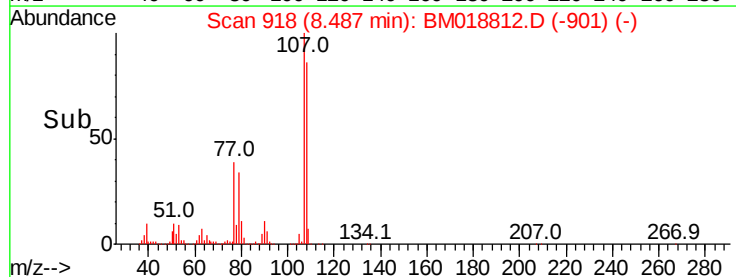
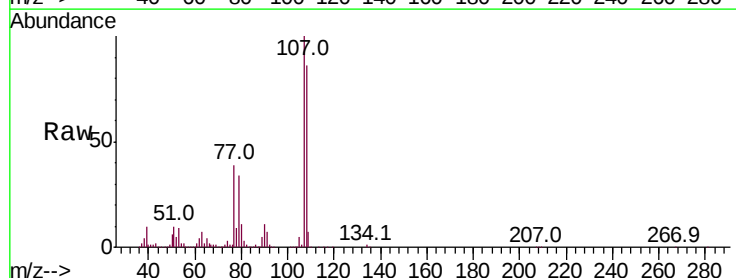
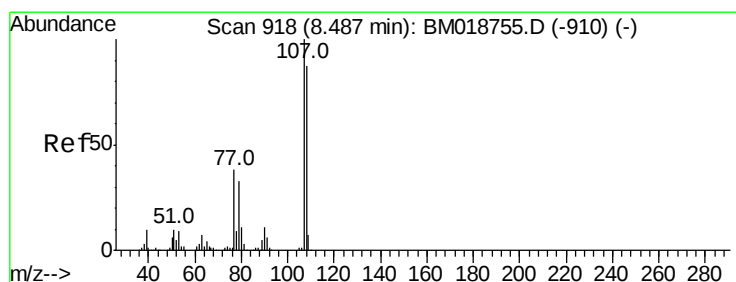
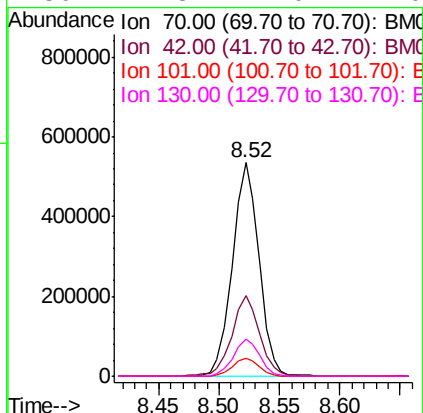
ClientSampleId :

IDW-LIQUID-01MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.6	29.4	44.0	
101	8.6	6.7	10.1	
130	17.3	14.0	21.0	

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#20

3+4-Methylphenols

Concen: 50.392 ng

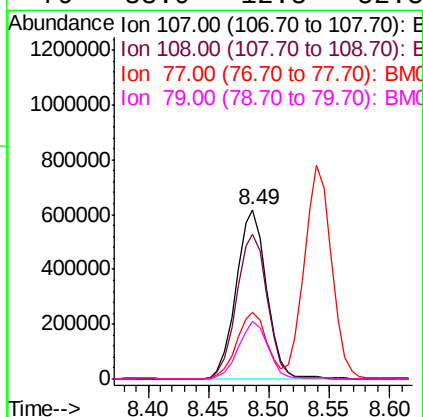
RT: 8.49 min Scan# 918

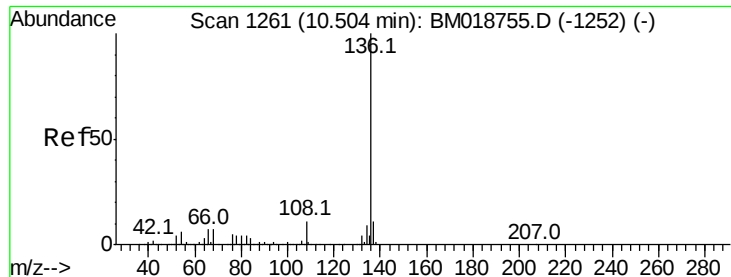
Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	67.3	107.3	
77	39.2	18.0	58.0	
79	33.9	12.8	52.8	





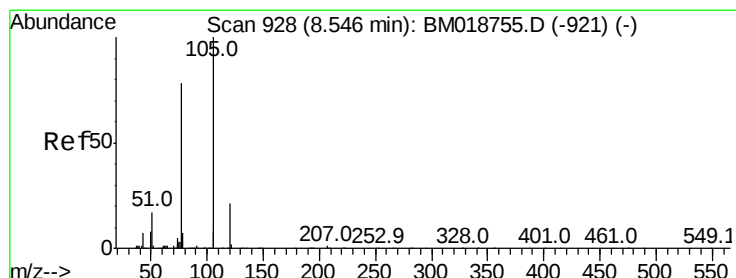
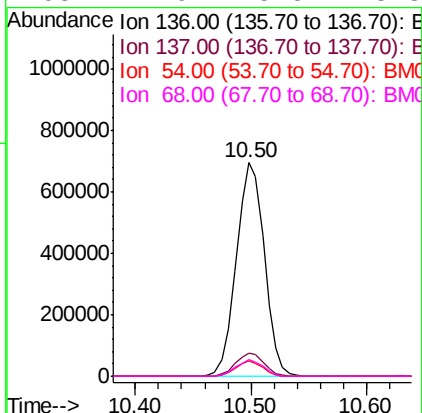
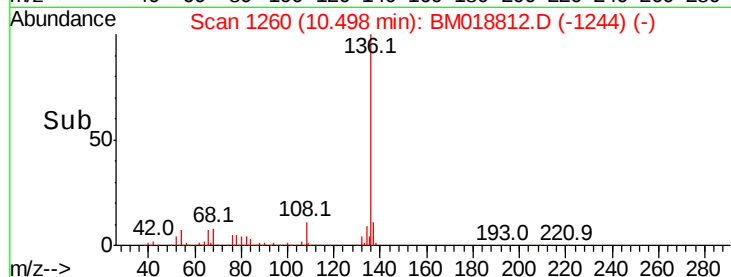
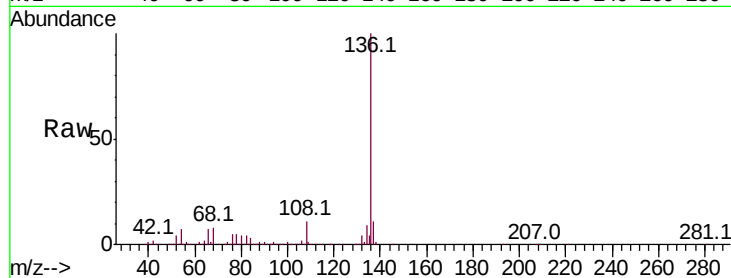
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.0	5.0	7.6
68	7.6	5.5	8.3

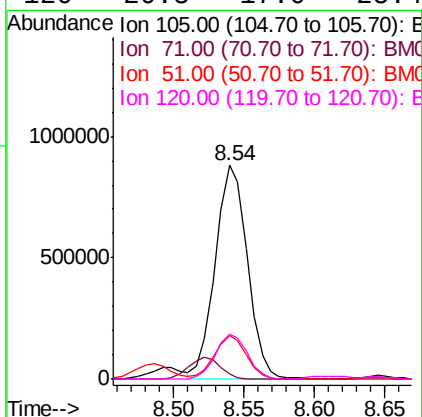
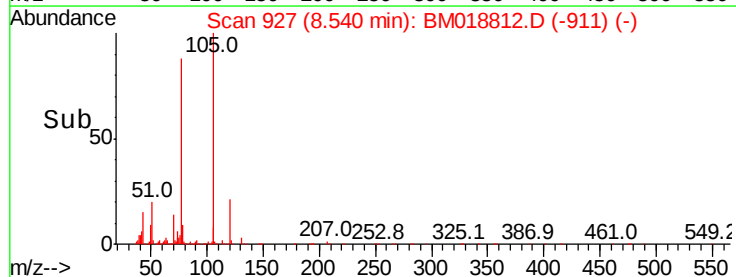
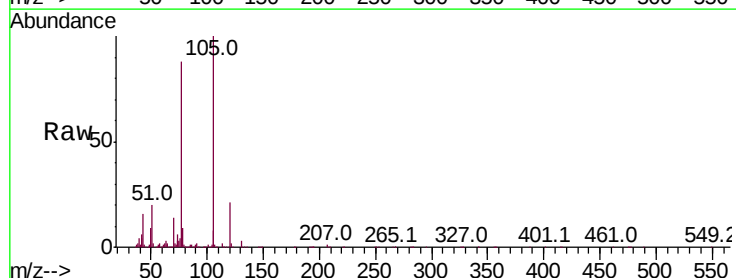
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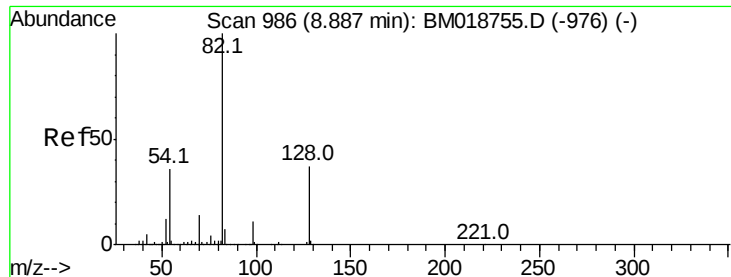
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#22
Acetophenone
Concen: 43.316 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.1	1.7#
51	20.2	15.5	23.3
120	20.8	17.0	25.4





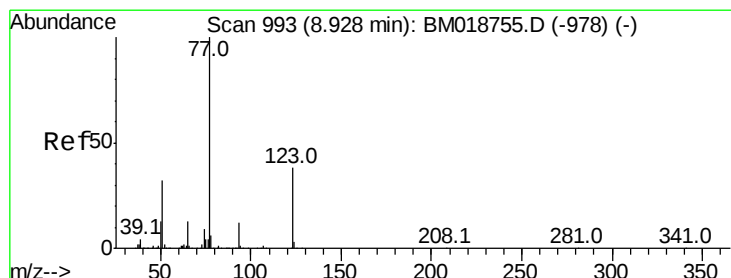
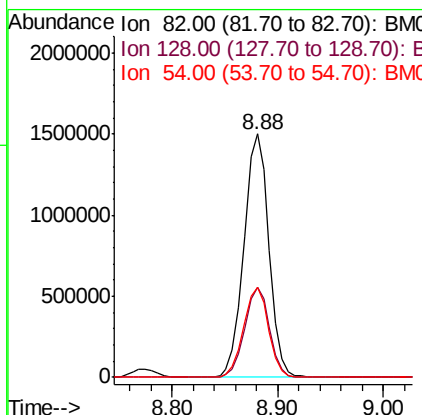
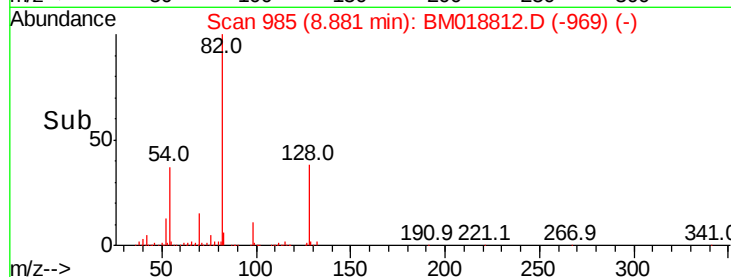
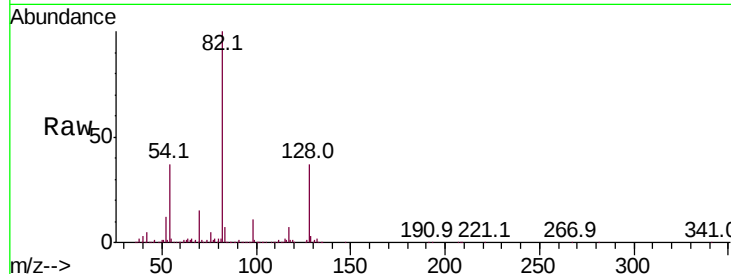
#23
Nitrobenzene-d5
Concen: 97.724 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.9	44.9
54	36.9	29.1	43.7

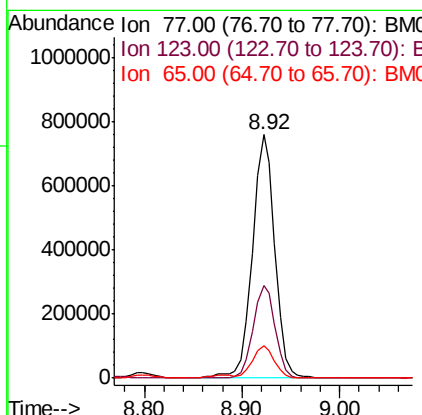
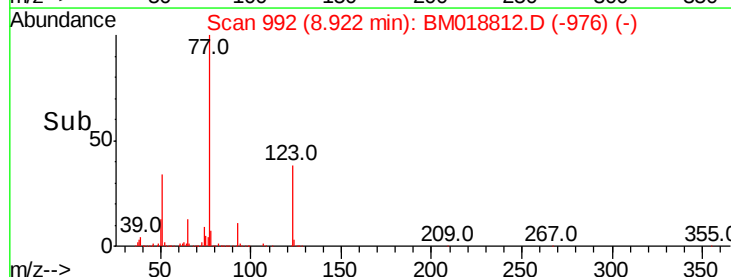
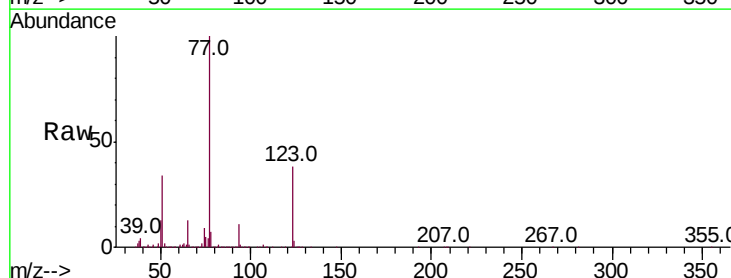
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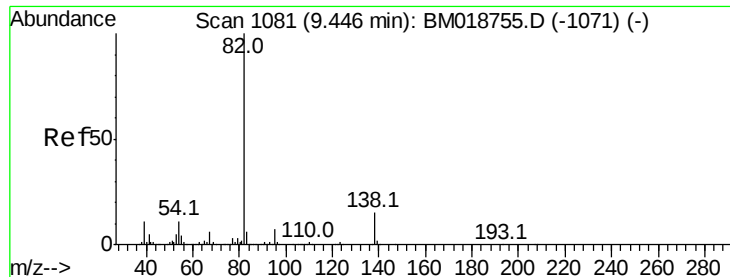
Sohil
2/14/2019 1:50:36 PM



#24
Nitrobenzene
Concen: 46.487 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	30.7	46.1
65	13.1	10.5	15.7





#25

Isophorone

Concen: 52.065 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion: 82 Resp: 2093854

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

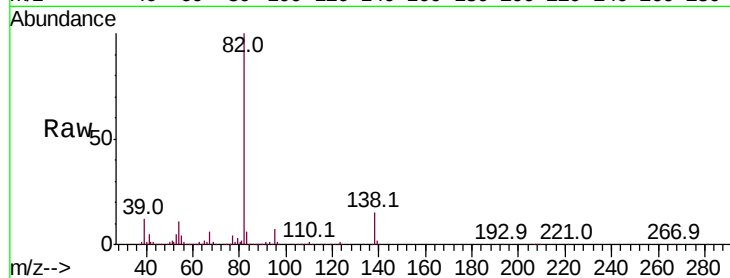
138 15.2 12.3 18.5

Manual Integrations

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Sohil

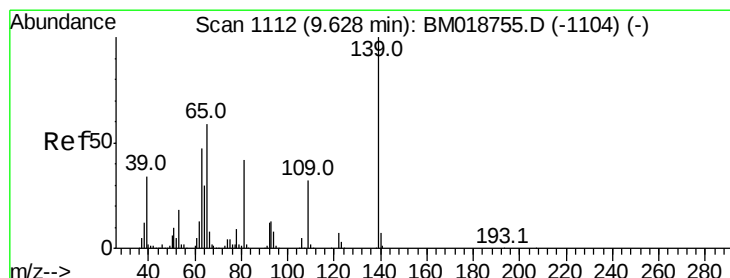
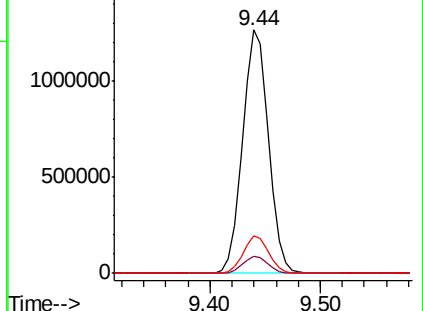
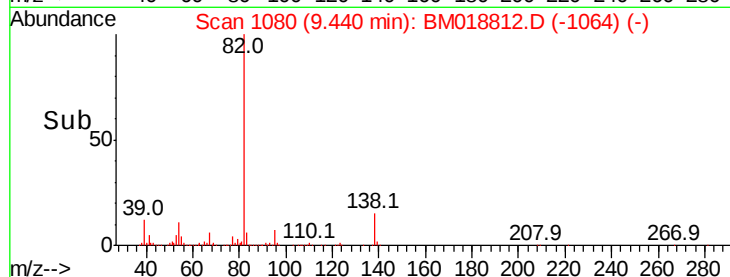
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Abundance Ion 82.00 (81.70 to 82.70): BM018812.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018812.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018812.D (-1064) (-)



#26

2-Nitrophenol

Concen: 44.956 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

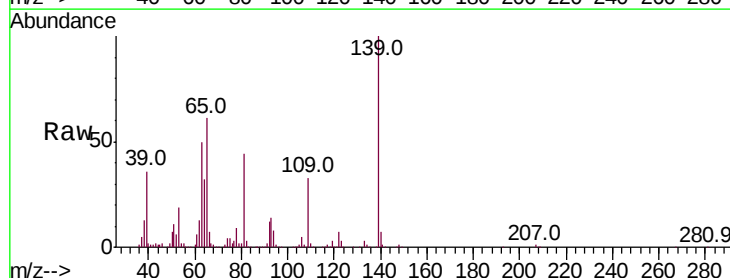
Tgt Ion: 139 Resp: 468389

Ion Ratio Lower Upper

139 100

109 32.8 25.2 37.8

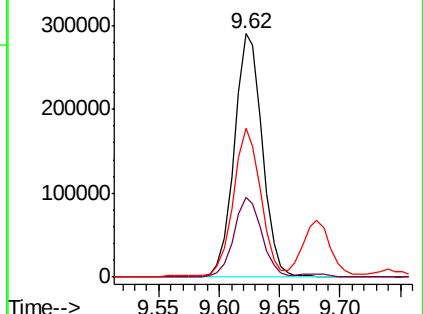
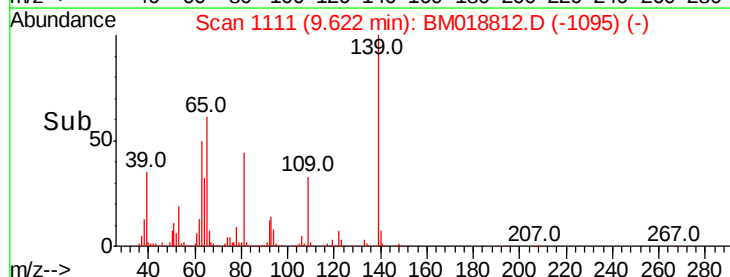
65 61.1 47.0 70.4

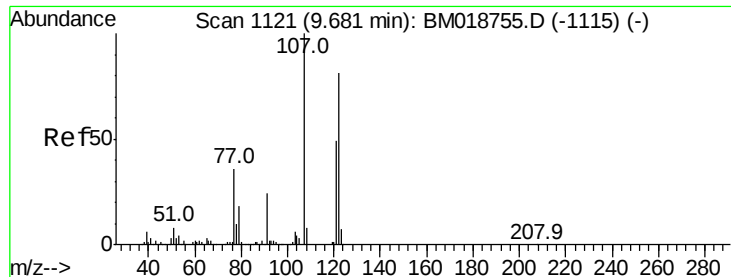


Abundance Ion 139.00 (138.70 to 139.70): BM018812.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018812.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018812.D (-1095) (-)





#27

2,4-Dimethylphenol

Concen: 56.220 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

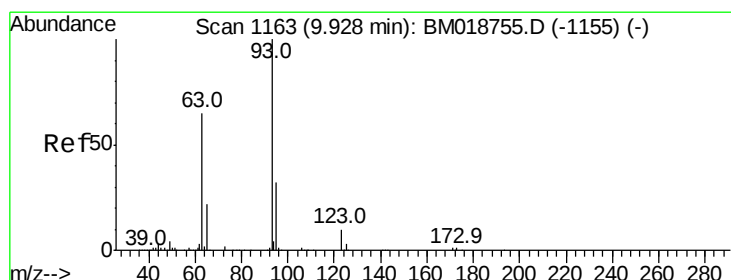
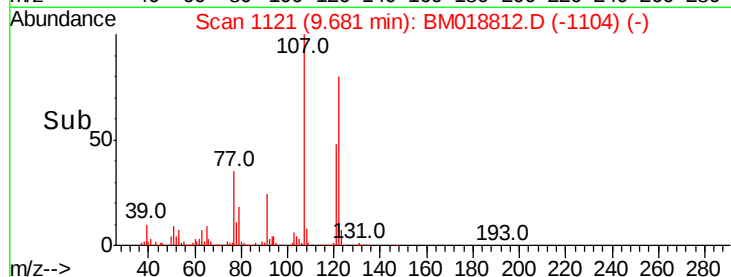
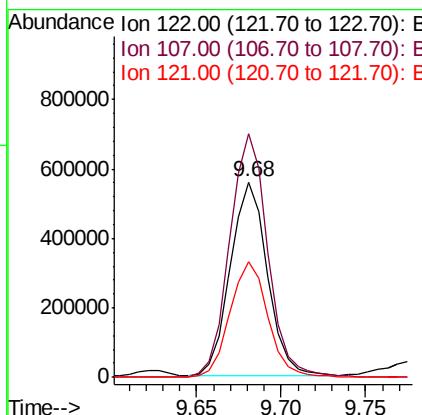
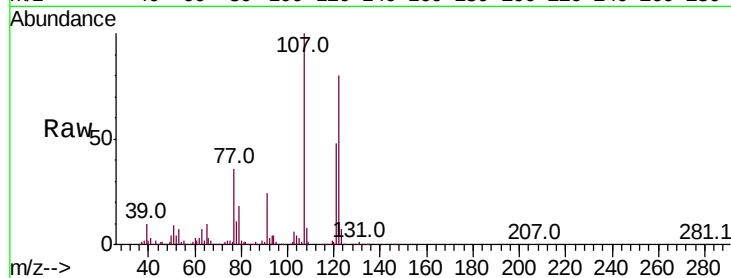
ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:	122	Resp:	855519
Ion Ratio	Lower	Upper	
122	100		
107	124.6	97.6	146.4
121	59.3	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 47.010 ng

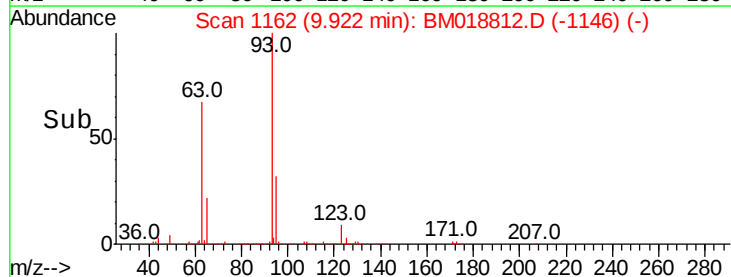
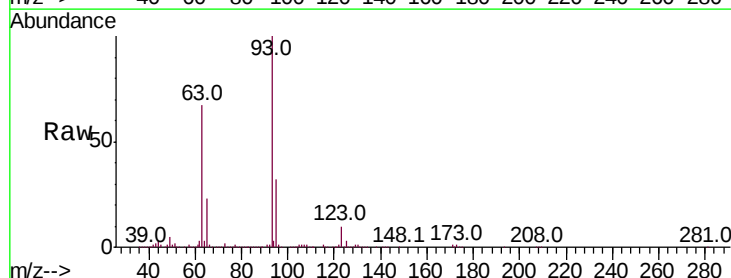
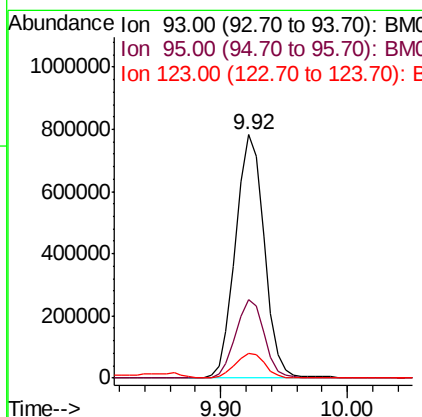
RT: 9.92 min Scan# 1162

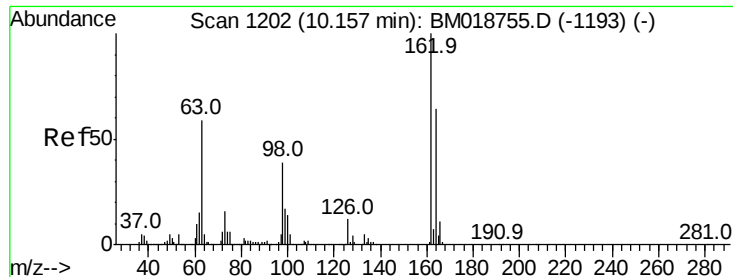
Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Tgt Ion:	93	Resp:	1222554
Ion Ratio	Lower	Upper	
93	100		
95	32.2	25.6	38.4
123	10.2	8.2	12.4





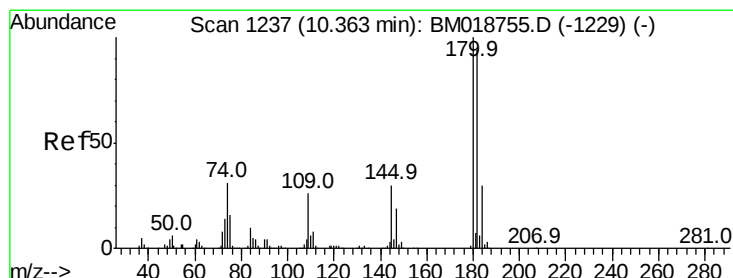
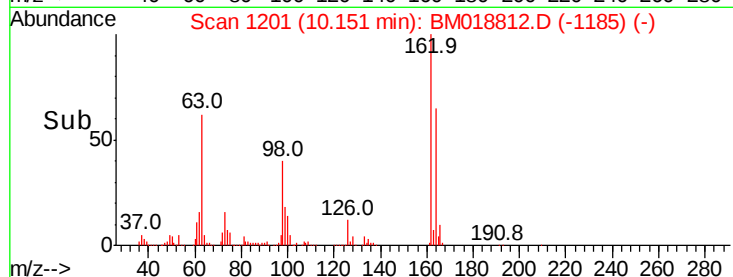
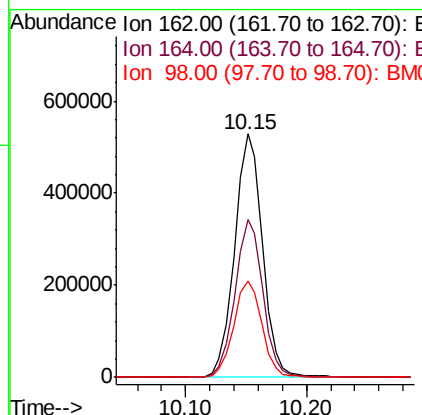
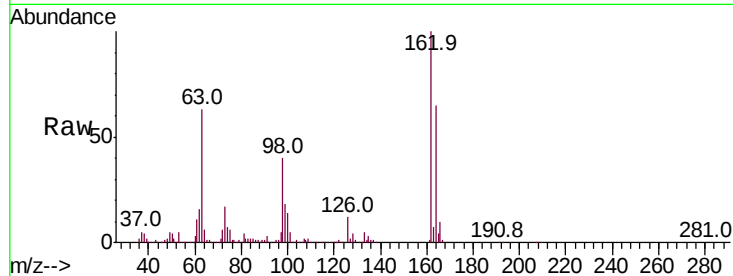
#29
2,4-Dichlorophenol
Concen: 48.867 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	44.1	84.1
98	39.7	19.4	59.4

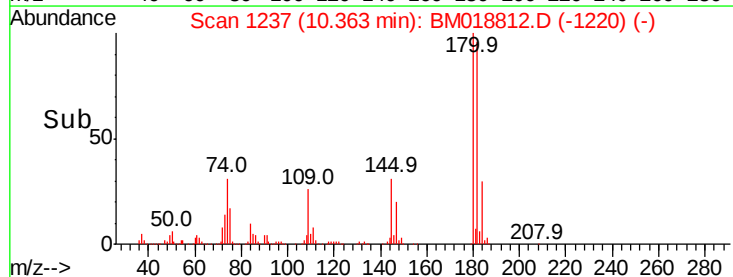
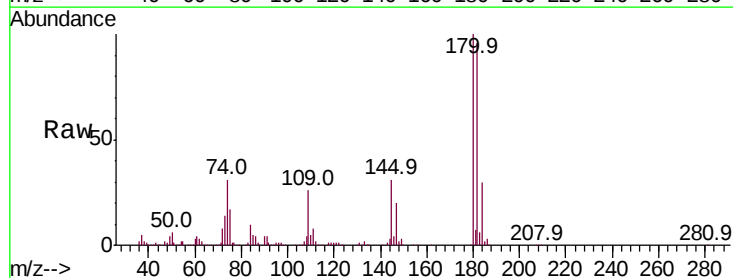
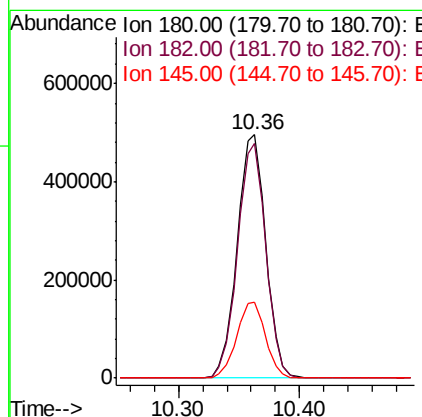
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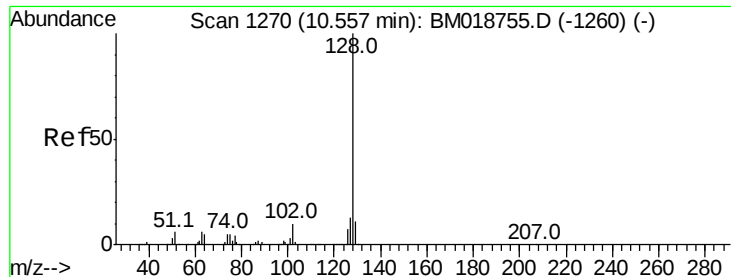
Sohil
2/14/2019 1:50:36 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.668 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	75.0	112.6
145	31.0	24.1	36.1





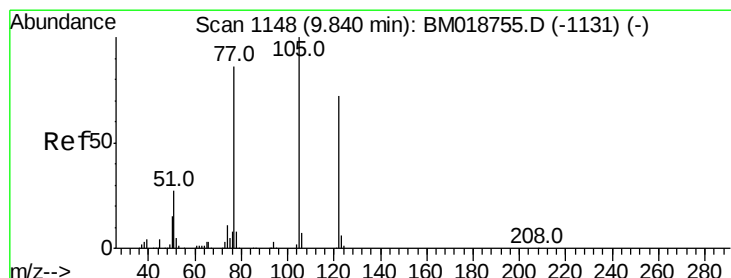
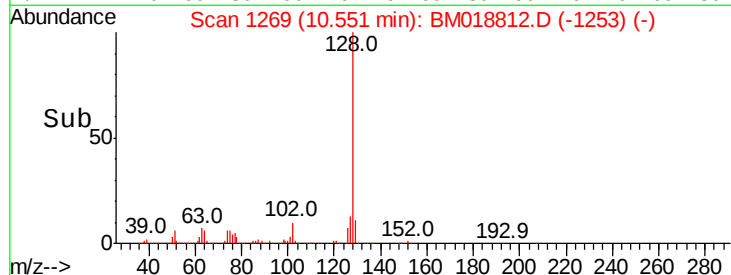
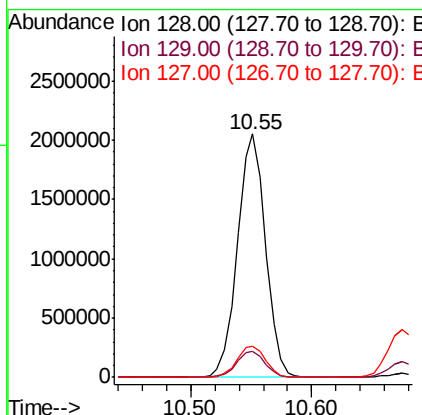
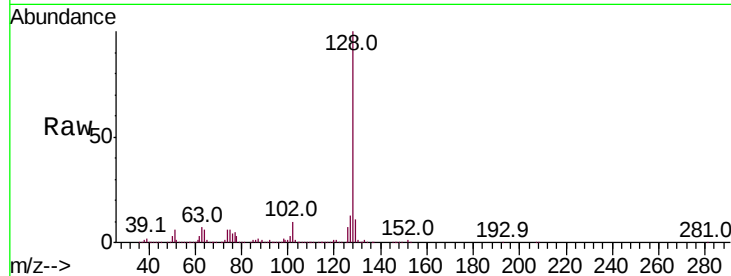
#31
Naphthalene
Concen: 58.416 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.0	10.7	16.1

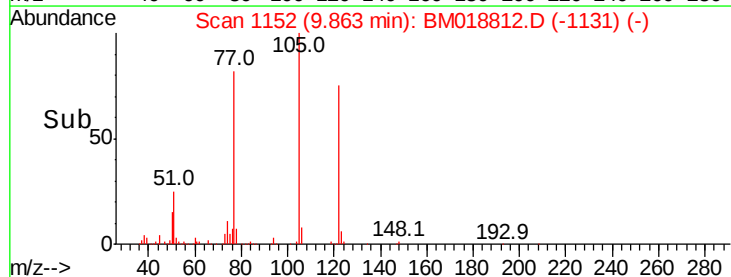
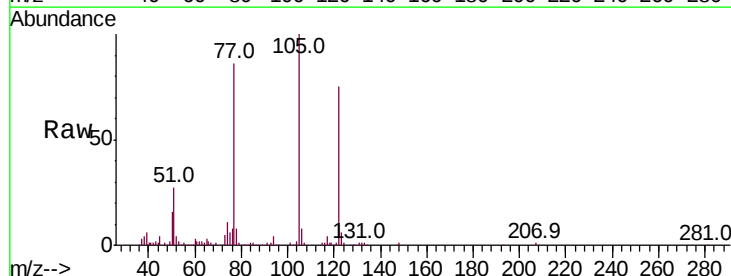
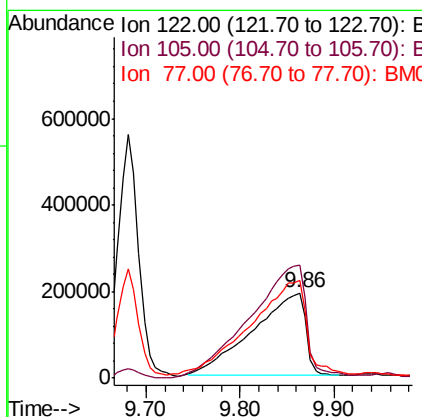
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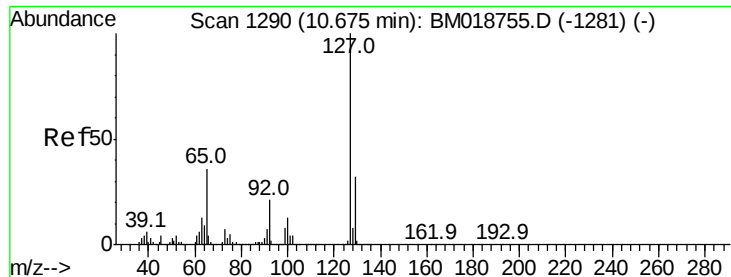
Sohil
2/14/2019 1:50:36 PM



#32
Benzoic acid
Concen: 55.762 ng
RT: 9.86 min Scan# 1152
Delta R.T. 0.02 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.2	117.5	157.5
77	114.2	98.5	138.5





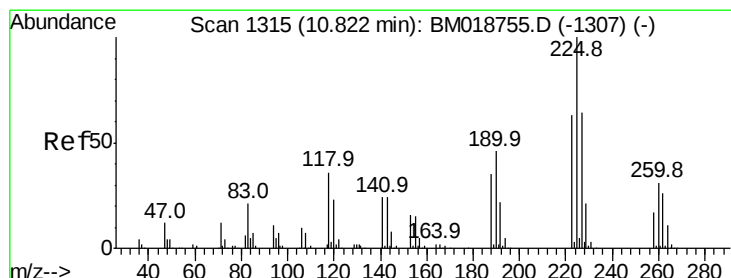
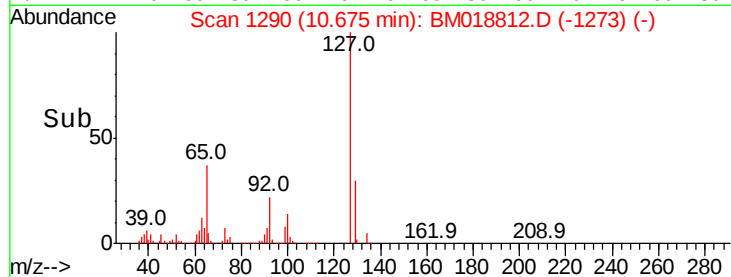
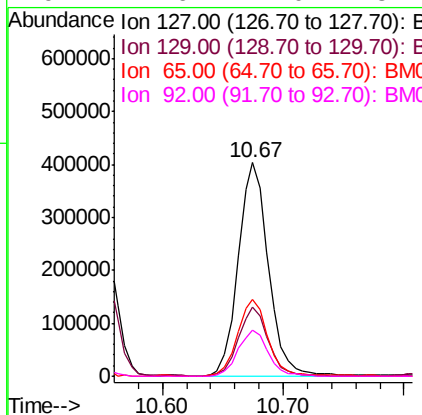
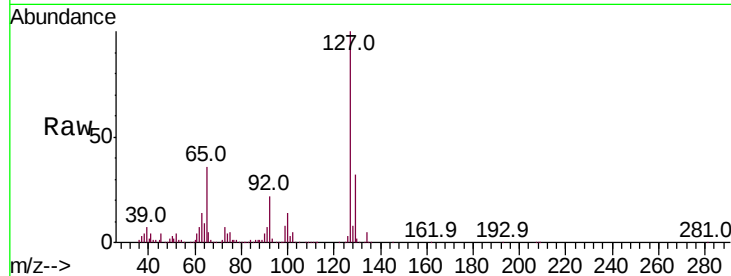
#33
4-Chloroaniline
Concen: 27.505 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		698831		
129	32.3	25.7	38.5		
65	35.9	28.7	43.1		
92	21.6	17.0	25.4		

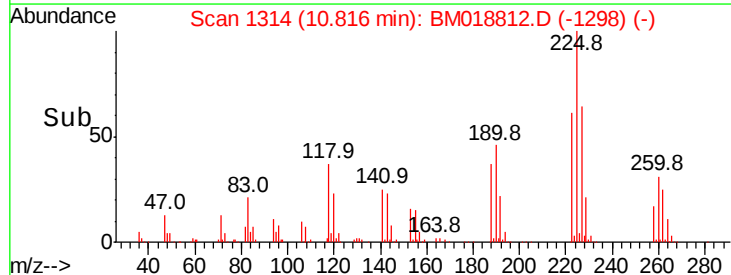
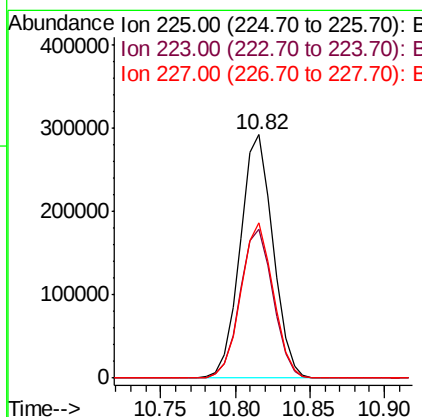
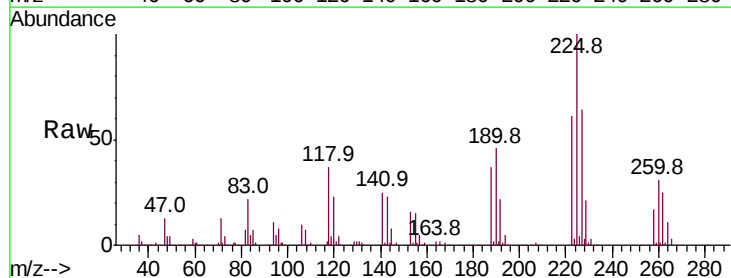
Manual Integrations
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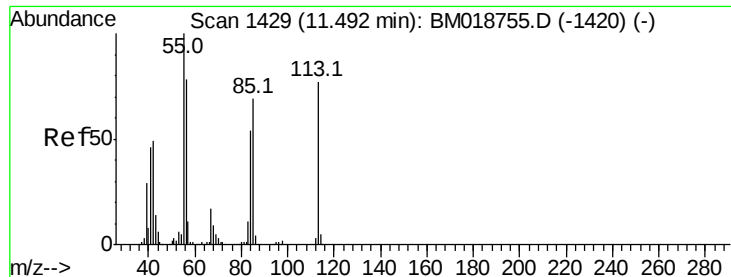
Sohil
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#34
Hexachlorobutadiene
Concen: 37.908 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		444008		
223	61.1	50.1	75.1		
227	64.0	51.4	77.0		





#35

Caprolactam

Concen: 30.811 ng/ml

RT: 11.56 min Scan# 1440

Delta R.T. 0.06 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:113 Resp: 219718

Ion Ratio Lower Upper

113 100

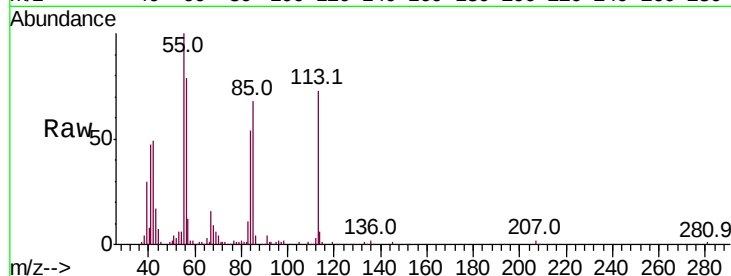
55 136.4 110.7 150.7

56 107.1 82.4 122.4

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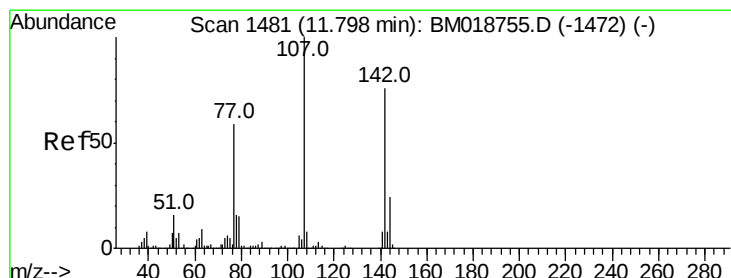
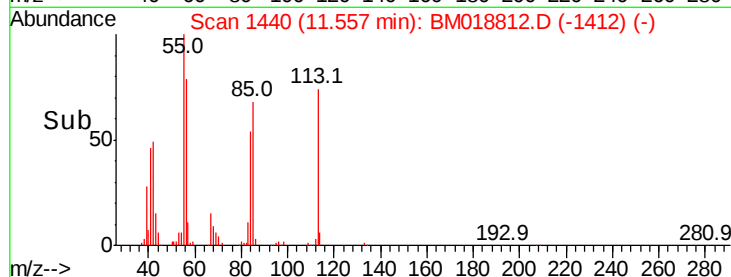
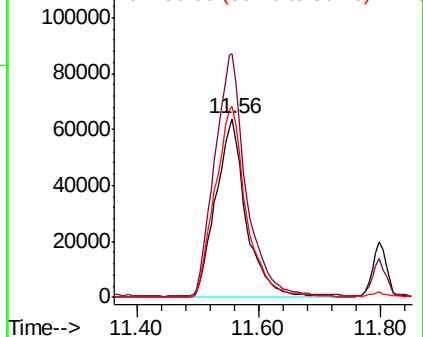


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 48.852 ng/ml

RT: 11.80 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

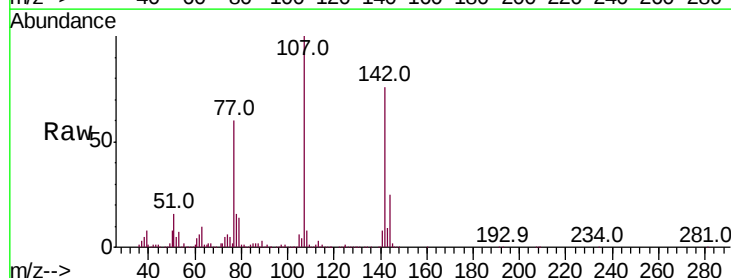
Tgt Ion:107 Resp: 1029158

Ion Ratio Lower Upper

107 100

144 24.9 19.3 28.9

142 76.0 60.5 90.7

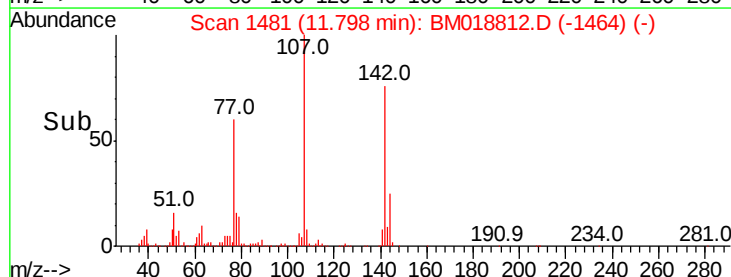
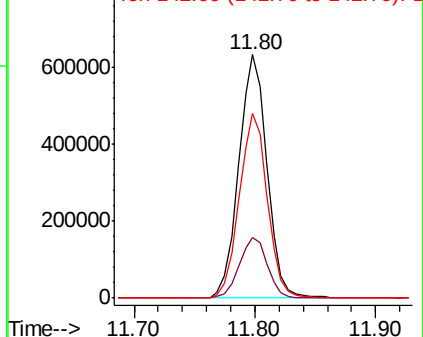


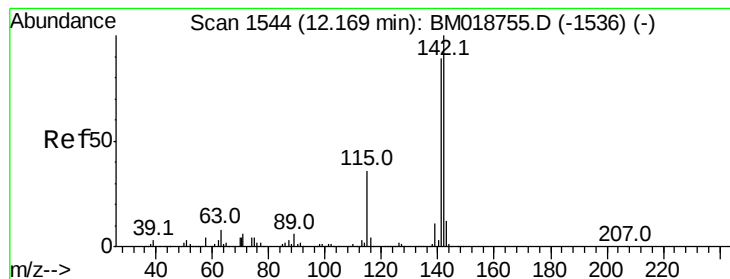
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





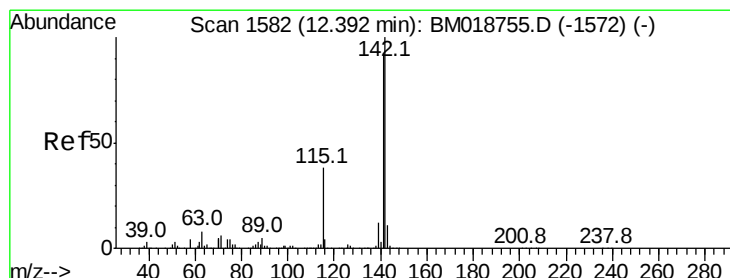
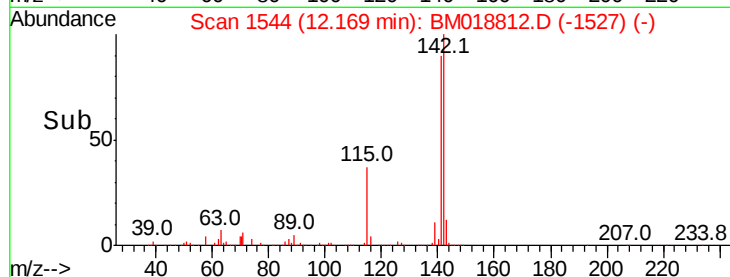
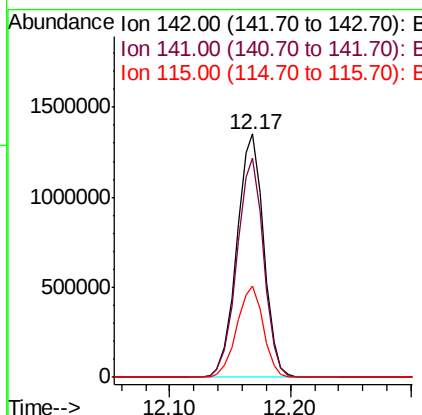
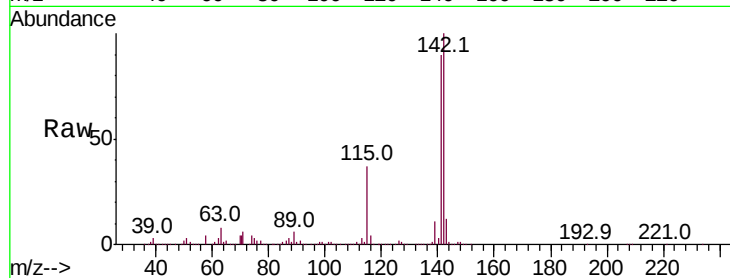
#37
 2-Methylnaphthalene
 Concen: 52.442 ng
 RT: 12.17 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BM018812.D
 Acq: 13 Feb 2019 21:25

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.2	106.8
115	37.4	29.1	43.7

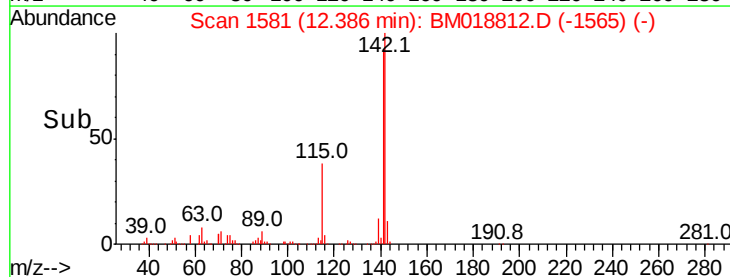
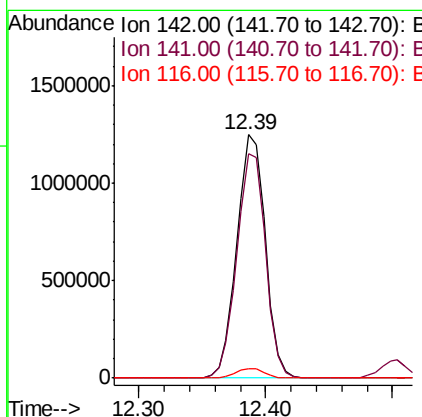
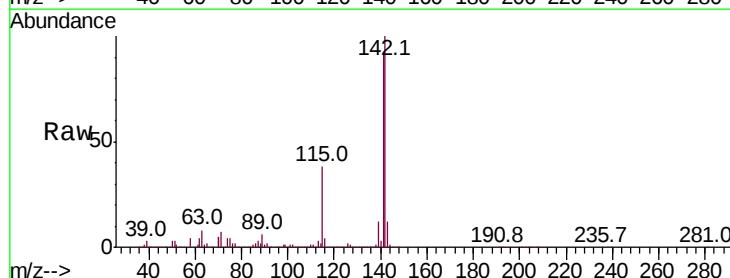
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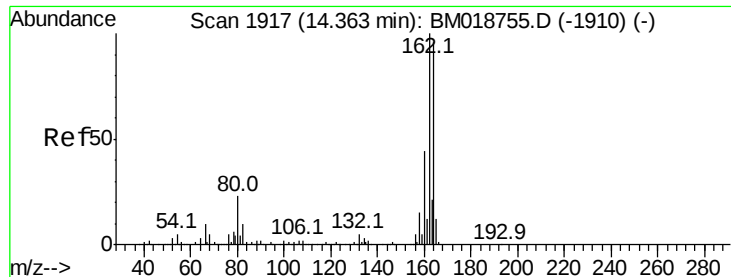
Sohil
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#38
 1-Methylnaphthalene
 Concen: 49.513 ng
 RT: 12.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BM018812.D
 Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9
116	4.1	3.0	4.4





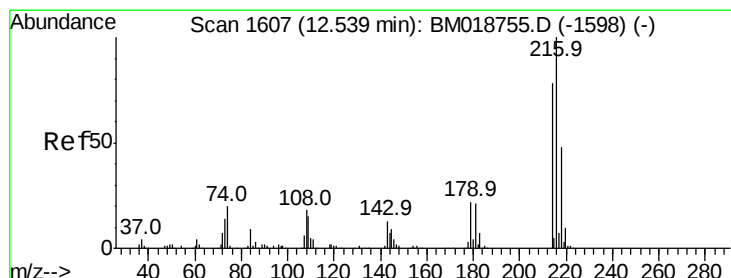
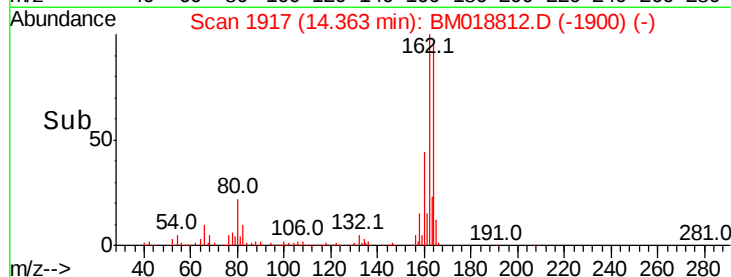
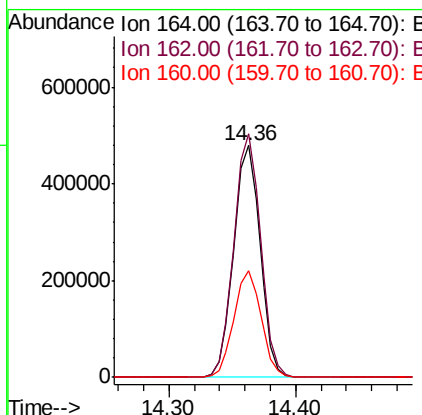
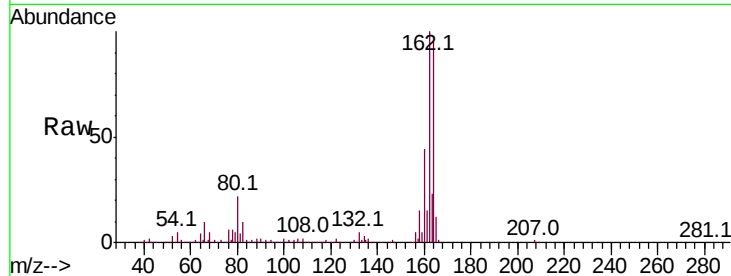
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.4	125.0
160	46.2	36.6	55.0

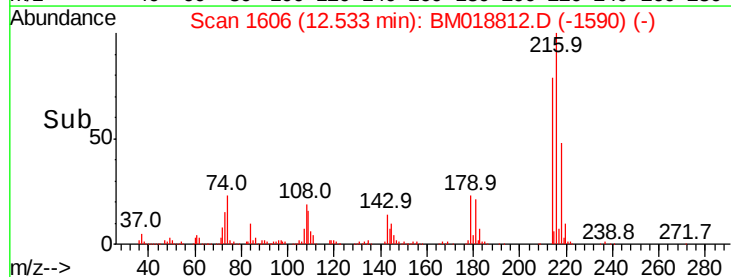
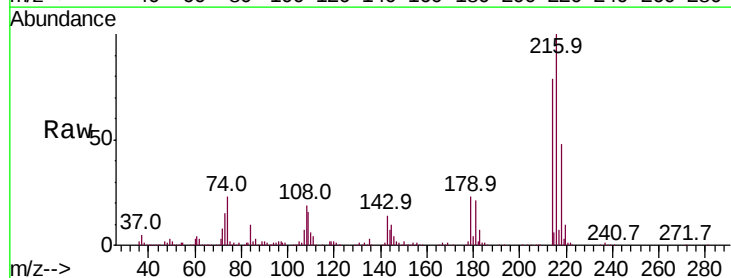
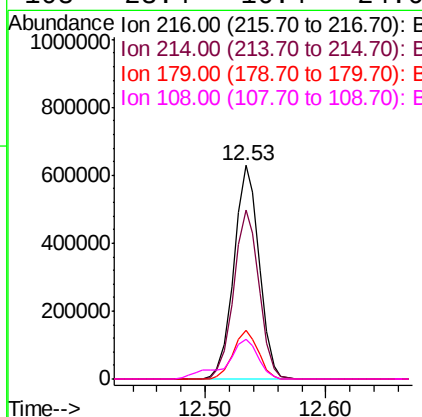
Manual Integrations
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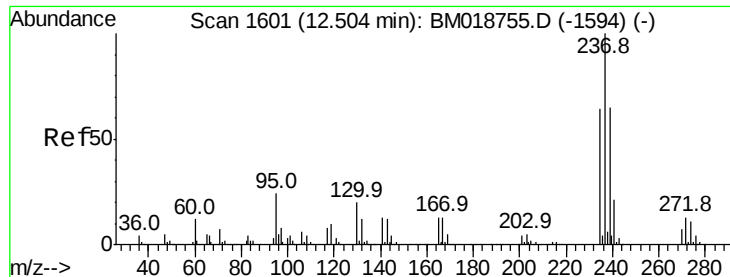
Sohil
2/14/2019 1:50:36 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.624 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.2	94.8
179	22.7	17.8	26.8
108	23.4	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 95.348 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:237 Resp: 1073100

Ion Ratio Lower Upper

237 100

235 62.4 43.7 83.7

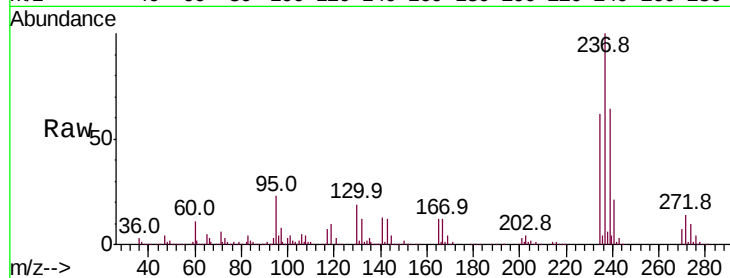
272 13.6 0.0 33.3

Manual Integrations

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Sohil

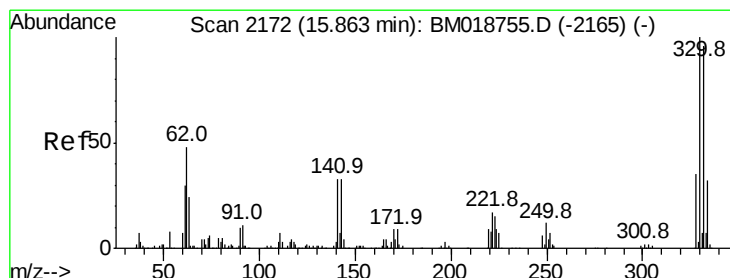
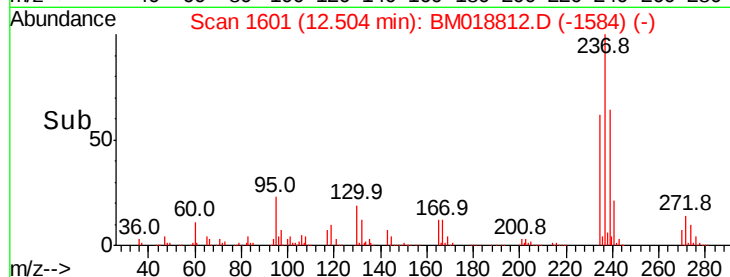
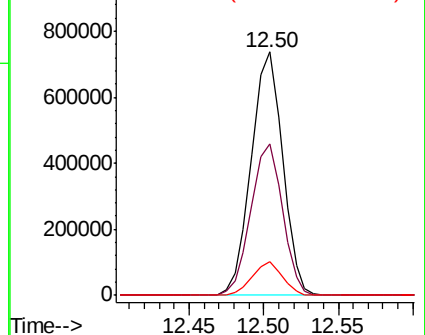
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Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 156.493 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

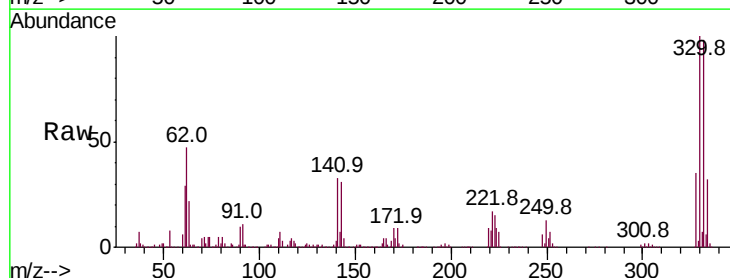
Tgt Ion:330 Resp: 1552296

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

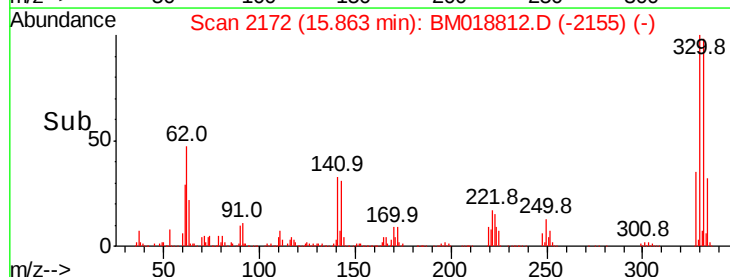
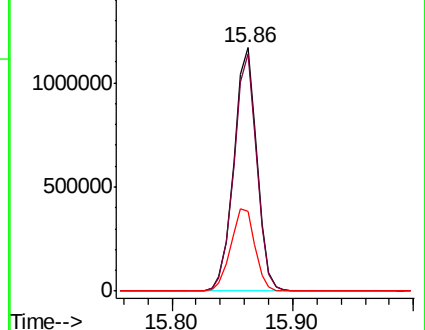
141 35.7 28.7 43.1

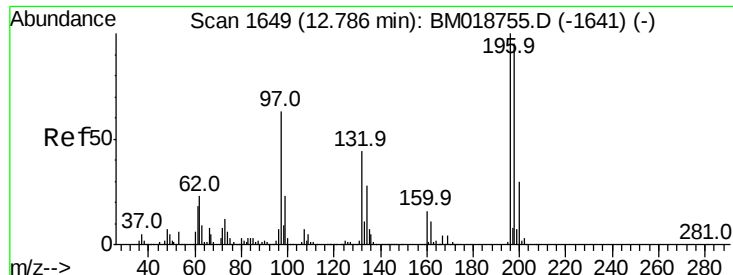


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





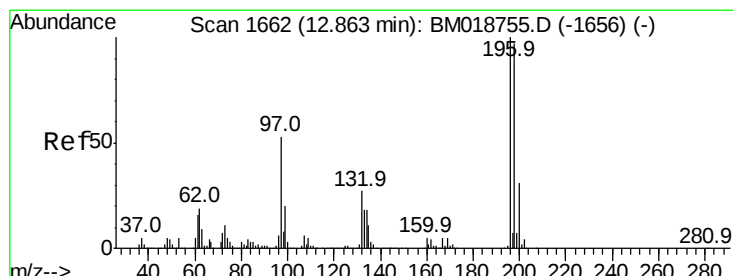
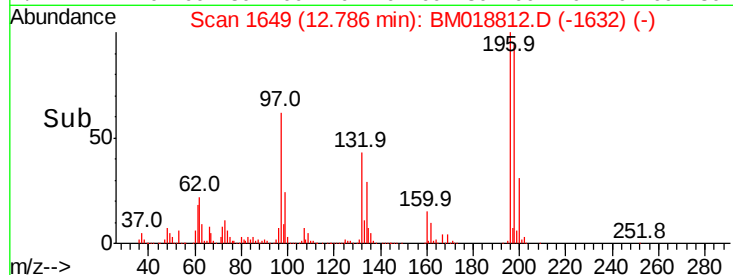
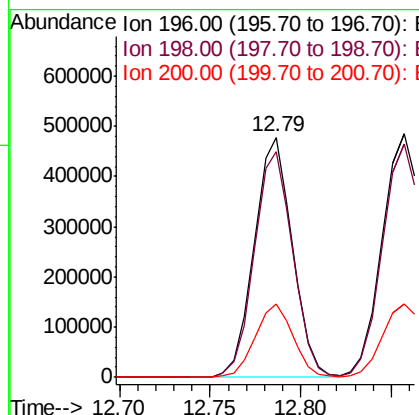
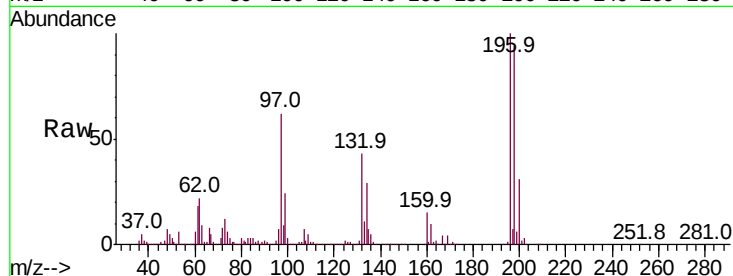
#43
 2,4,6-Trichlorophenol
 Concen: 47.908 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018812.D
 Acq: 13 Feb 2019 21:25

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MS

Tot Ion:	196	Resp:	698145
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.2	114.2
200	30.5	24.2	36.2

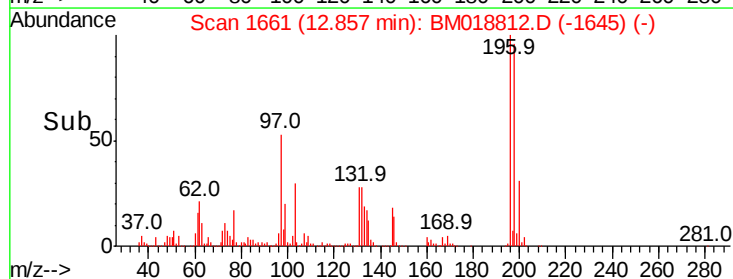
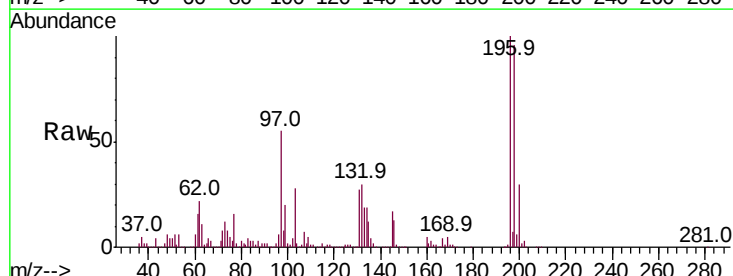
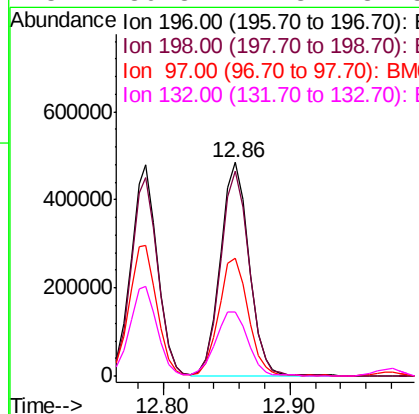
Manual Integrations
 APPROVED

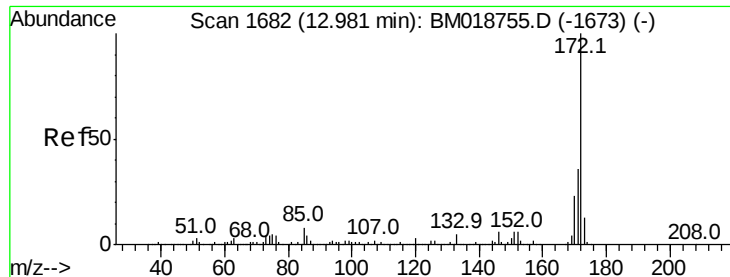
Sohil
 2/14/2019 1:50:36 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.516 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018812.D
 Acq: 13 Feb 2019 21:25

Tgt Ion:	196	Resp:	756308
Ion Ratio	Lower	Upper	
196	100		
198	95.9	77.6	116.4
97	55.0	42.8	64.2
132	30.3	21.8	32.8





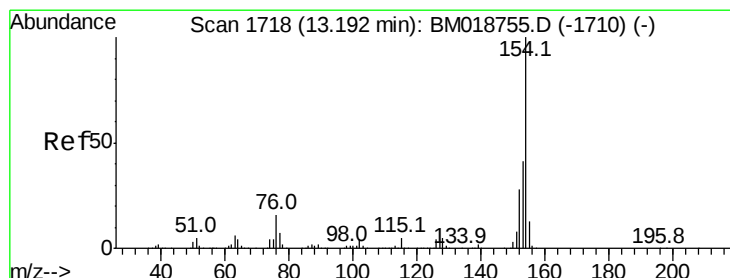
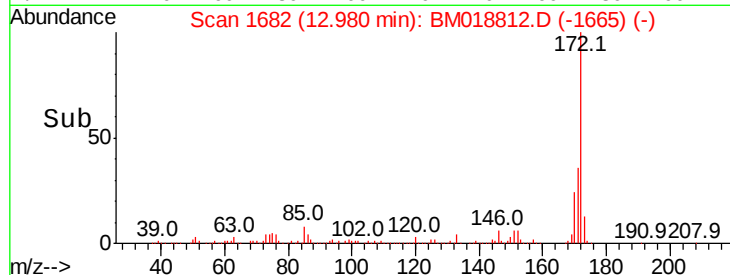
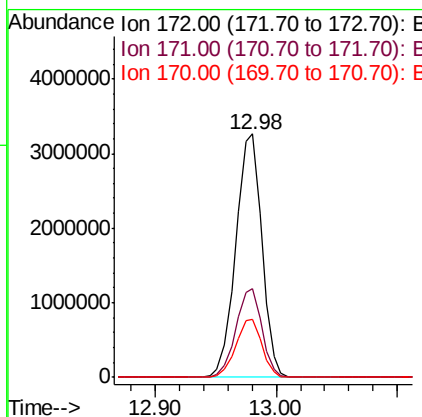
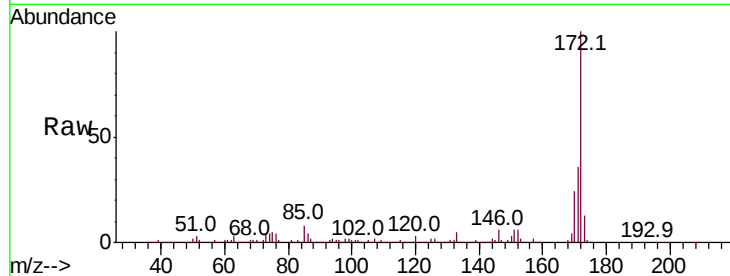
#45
2-Fluorobiphenyl
Concen: 94.840 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.0	18.6	28.0

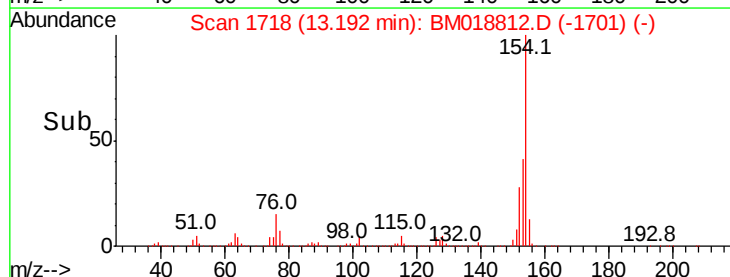
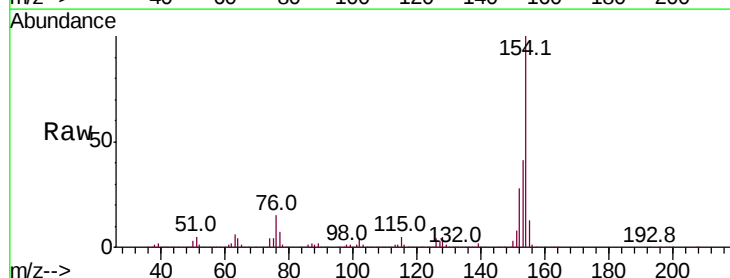
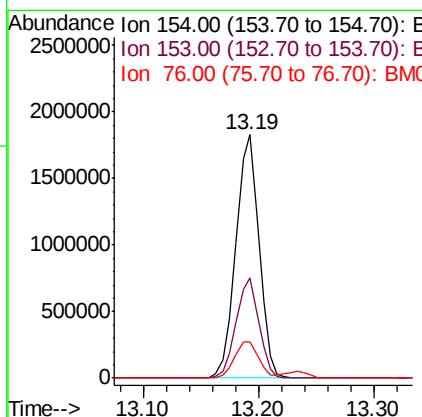
Manual Integrations
APPROVED

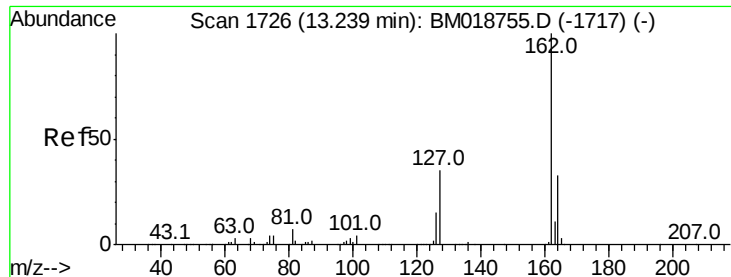
Sohil
2/14/2019 1:50:36 PM



#46
1,1'-Biphenyl
Concen: 42.825 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.1	61.1
76	15.1	0.0	35.7





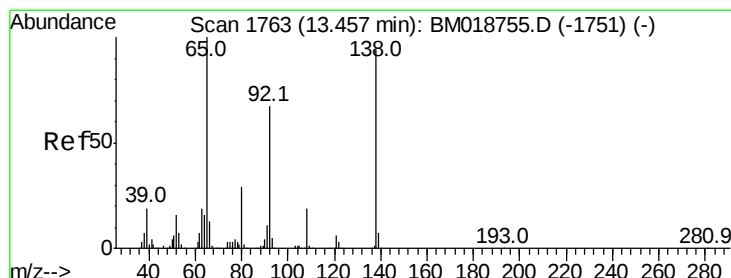
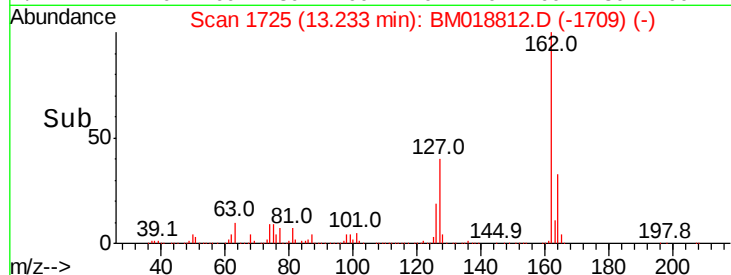
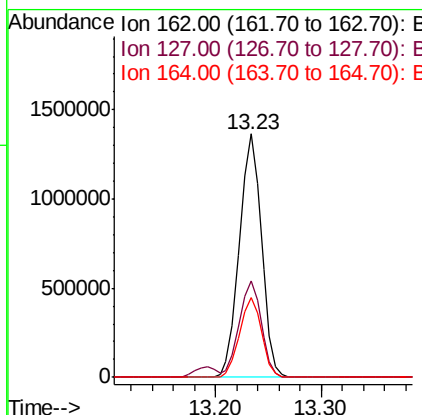
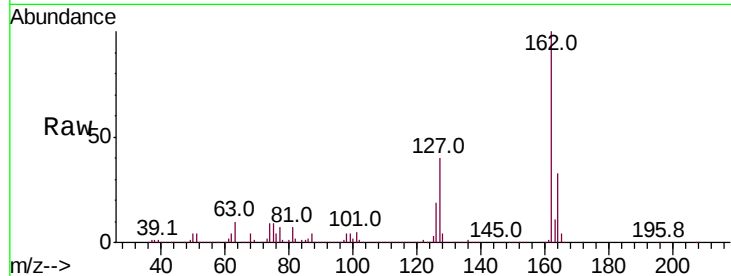
#47
2-Chloronaphthalene
Concen: 43.069 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.1	46.7
164	32.6	26.4	39.6

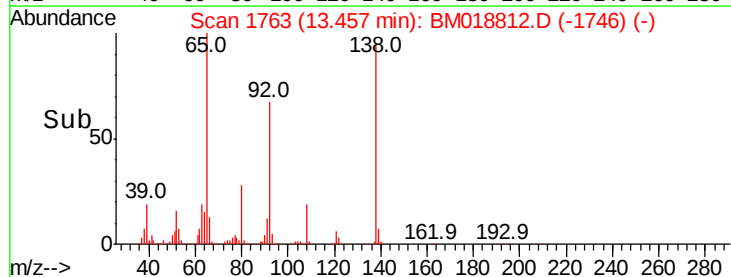
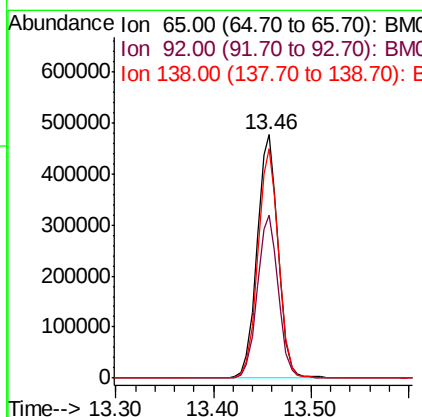
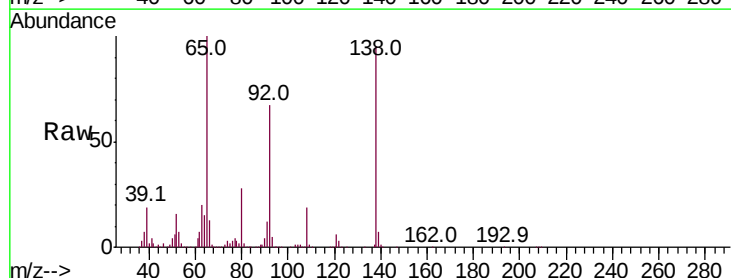
Manual Integrations
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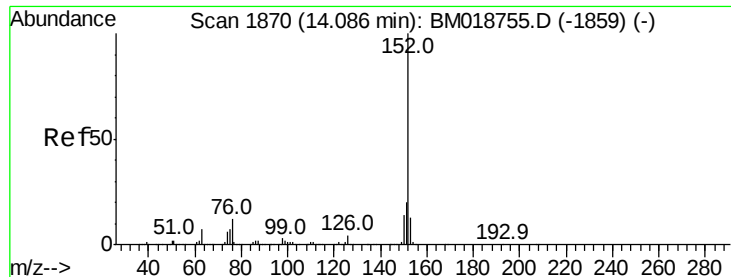
Sohil
2/14/2019 1:50:36 PM



#48
2-Nitroaniline
Concen: 47.499 ng
RT: 13.46 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	54.0	81.0
138	94.5	74.9	112.3





#49

Acenaphthylene

Concen: 48.604 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:152 Resp: 3311059

Ion Ratio Lower Upper

152 100

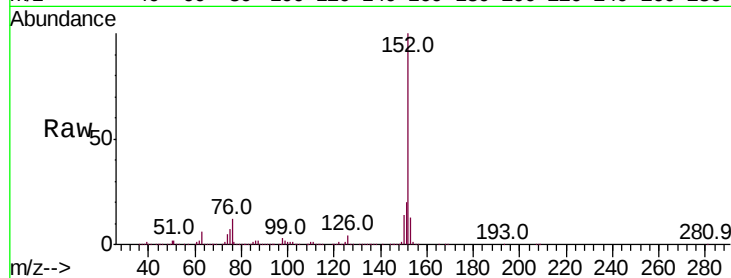
151 20.1 15.8 23.8

153 12.8 10.5 15.7

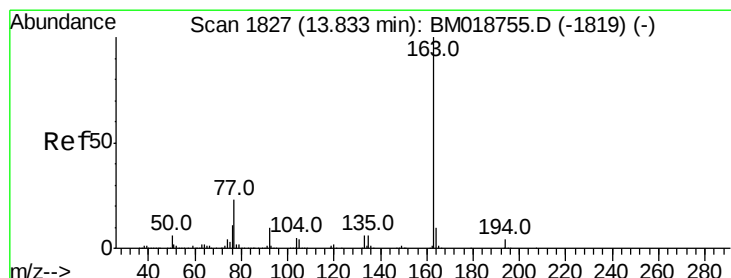
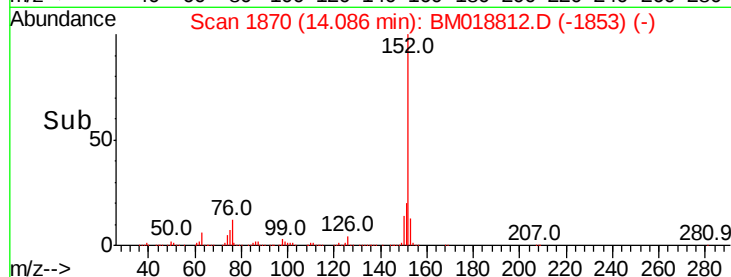
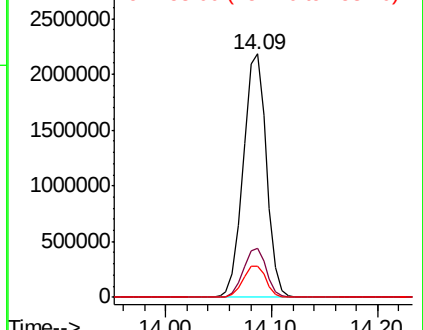
Manual Integrations
APPROVED

Sohil

2/14/2019 1:50:36 PM



Abundance Ion 152.00 (151.70 to 152.70): E
3000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.056 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

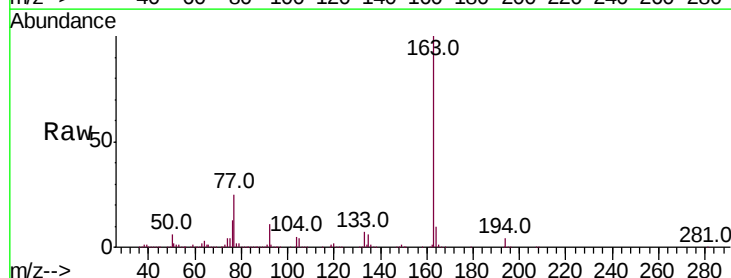
Tgt Ion:163 Resp: 2641262

Ion Ratio Lower Upper

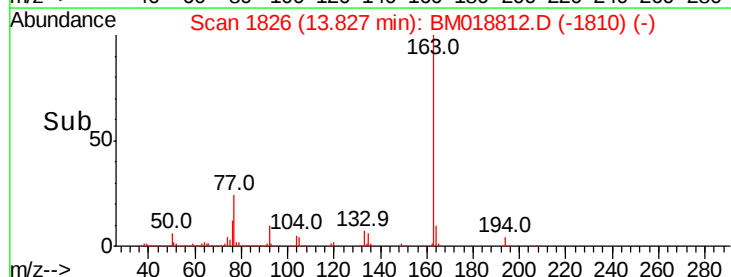
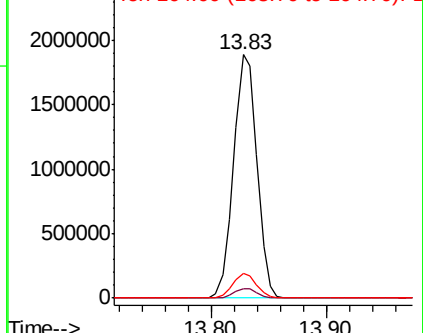
163 100

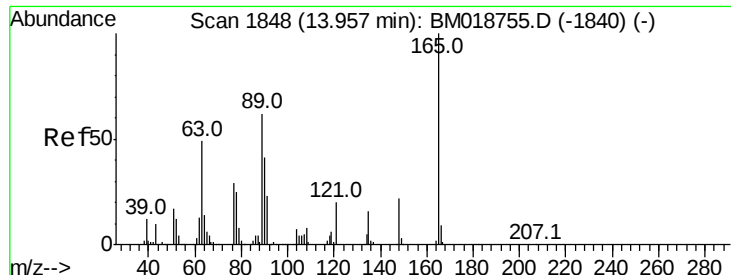
194 3.9 3.2 4.8

164 10.4 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
2500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





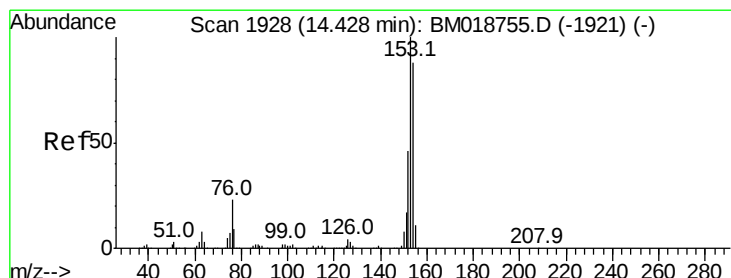
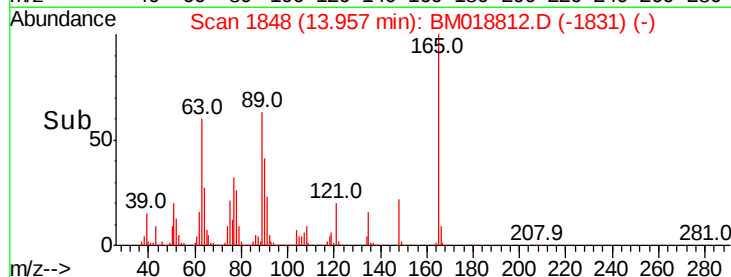
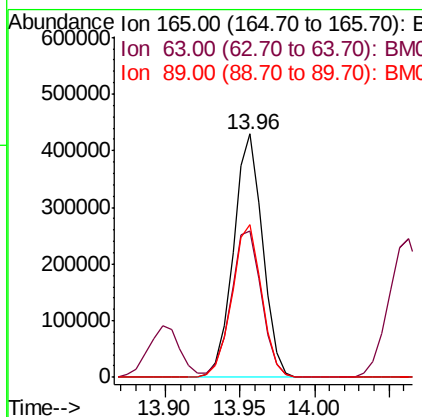
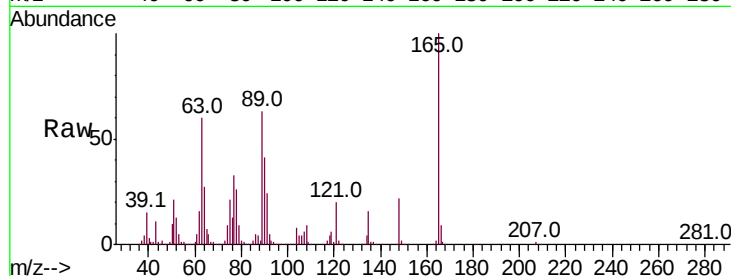
#51
2,6-Dinitrotoluene
Concen: 47.074 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.1	48.9	73.3	
89	62.6	49.4	74.0	

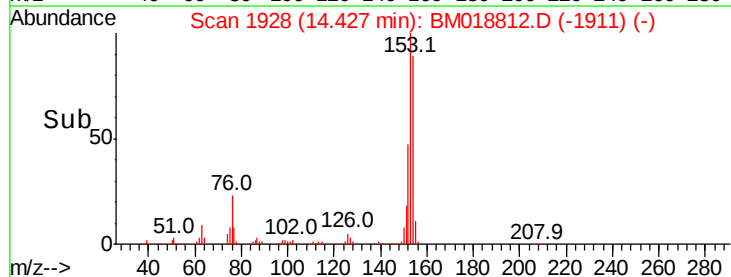
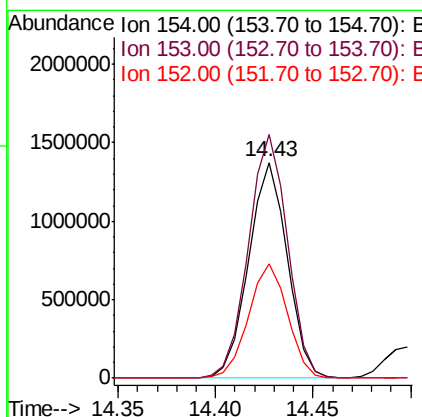
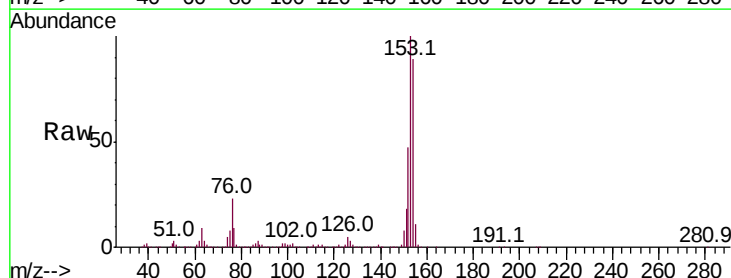
Manual Integrations
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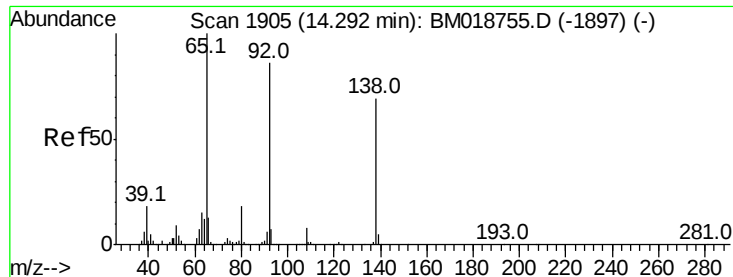
Sohil
2/14/2019 1:50:36 PM



#52
Acenaphthene
Concen: 45.121 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.7	91.3	136.9	
152	53.2	42.2	63.4	





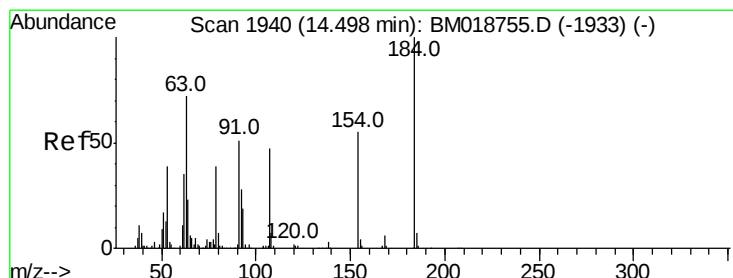
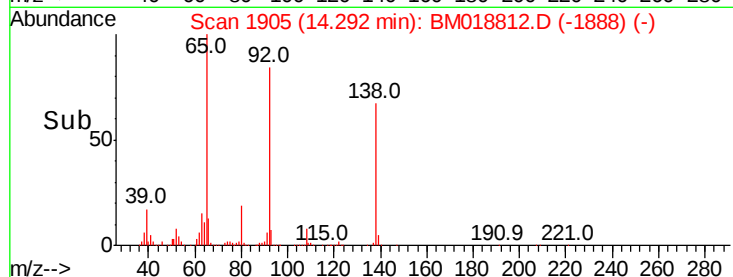
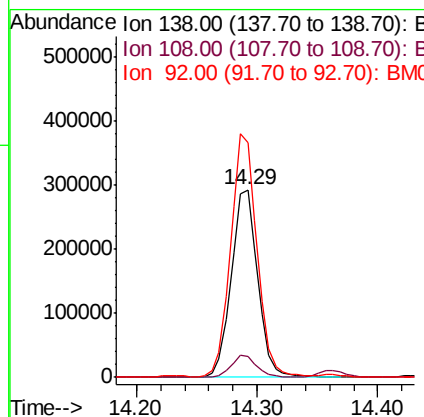
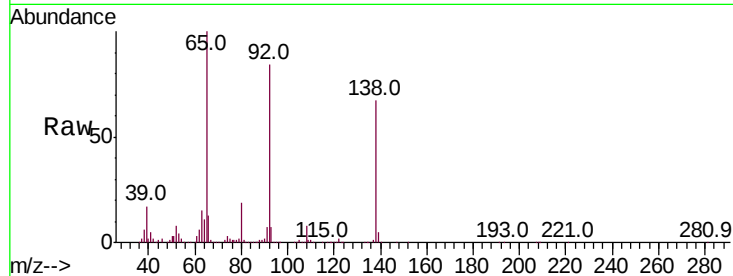
#53
3-Nitroaniline
Concen: 32.037 ng
RT: 14.29 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.1	13.7
92	125.1	99.7	149.5

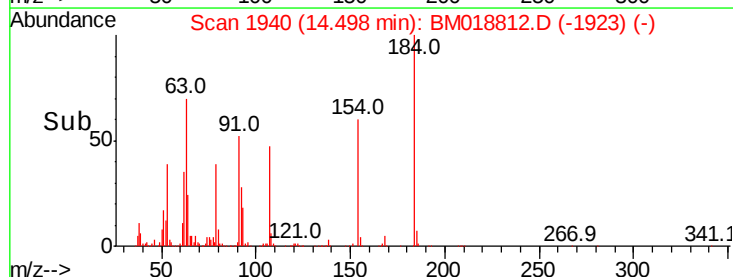
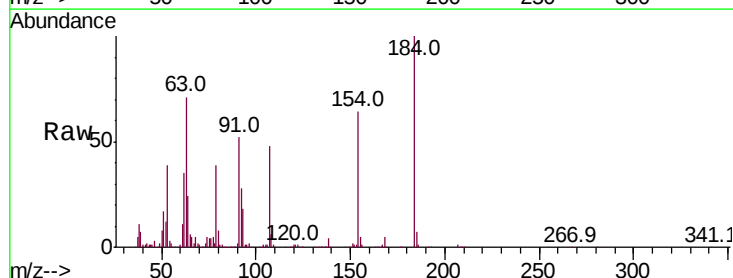
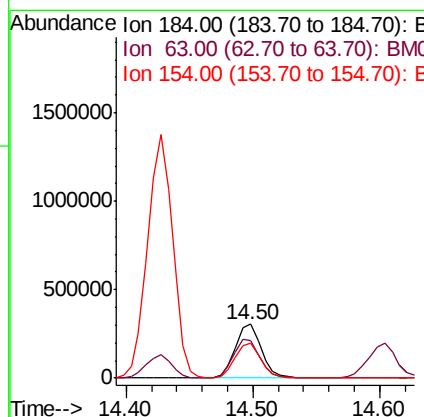
Manual Integrations
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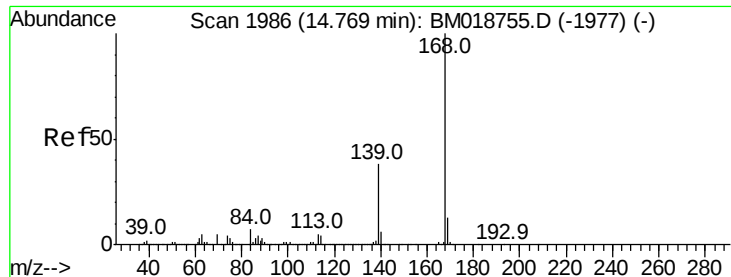
Sohil
2/14/2019 1:50:36 PM



#54
2,4-Dinitrophenol
Concen: 57.248 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.9	58.0	87.0
154	64.5	50.3	75.5





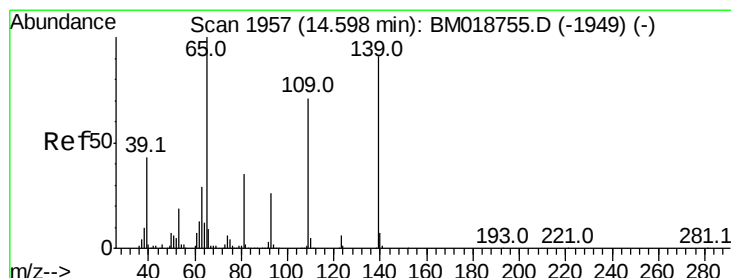
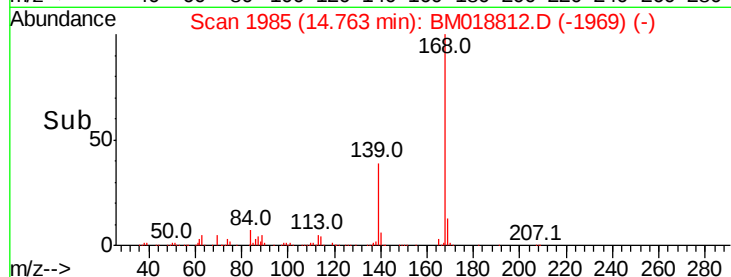
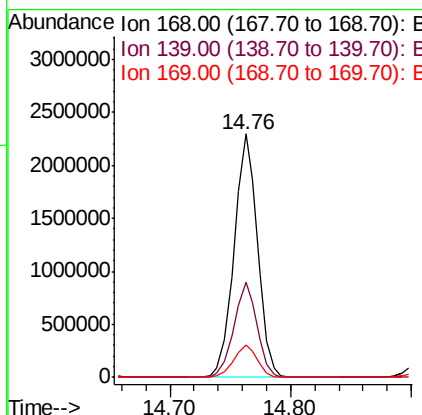
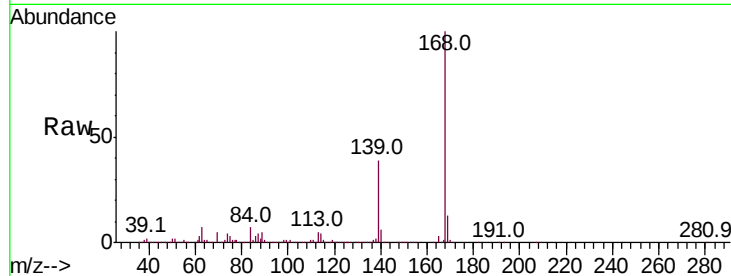
#55
Dibenzofuran
Concen: 45.044 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.7	46.1
169	13.3	10.3	15.5

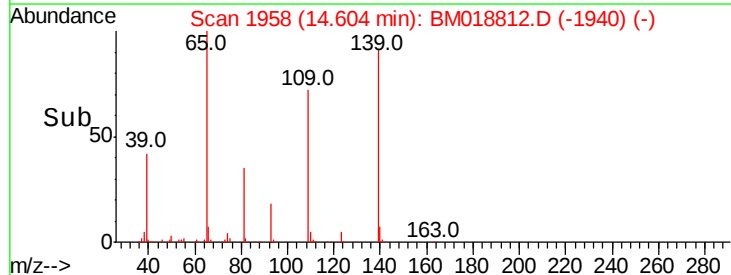
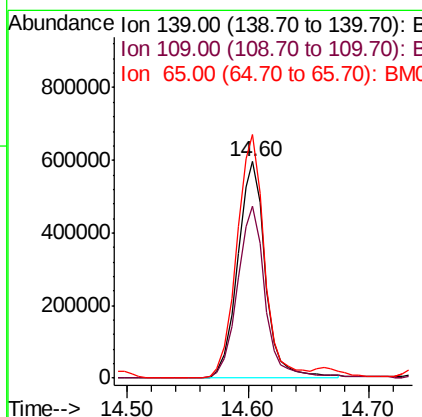
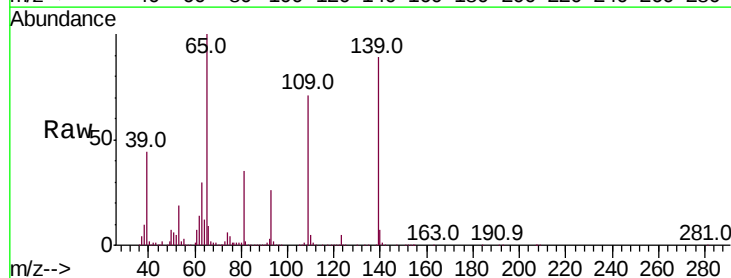
Manual Integrations
APPROVED

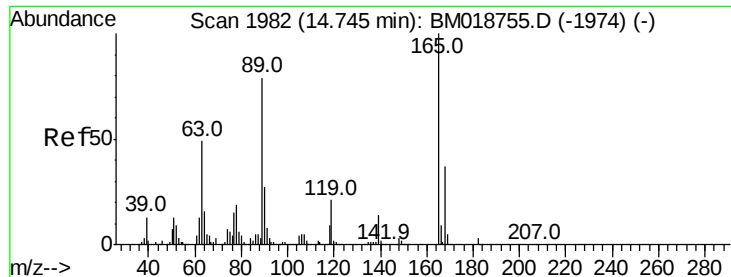
Sohil
2/14/2019 1:50:36 PM



#56
4-Nitrophenol
Concen: 85.231 ng
RT: 14.60 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.4	58.4	98.4
65	112.4	89.8	129.8





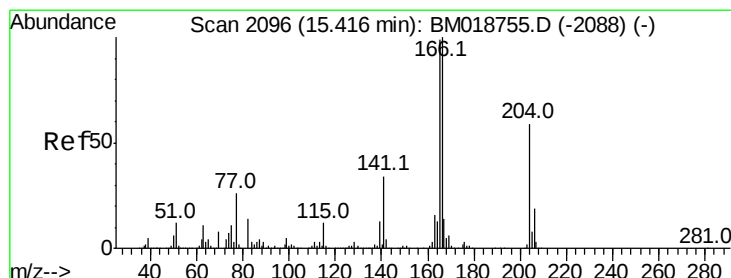
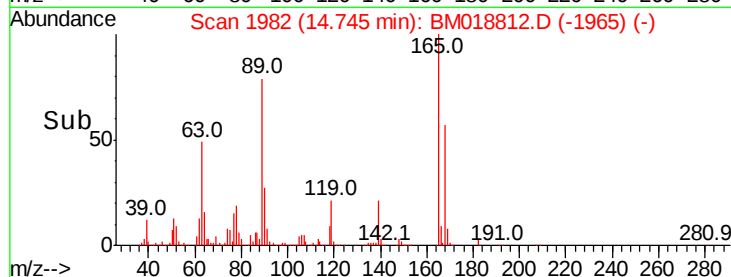
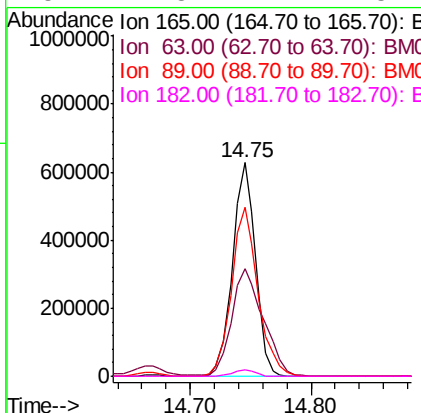
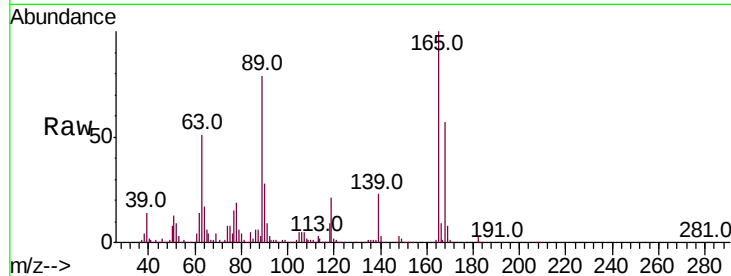
#57
 2,4-Dinitrotoluene
 Concen: 48.475 ng
 RT: 14.75 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BM018812.D
 Acq: 13 Feb 2019 21:25

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	829725		
63	50.5	39.6	59.4	
89	79.1	63.5	95.3	
182	2.8	2.2	3.4	

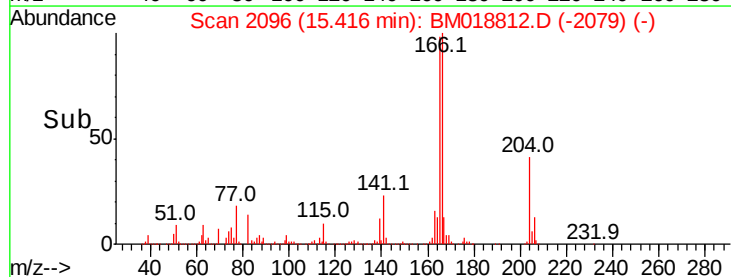
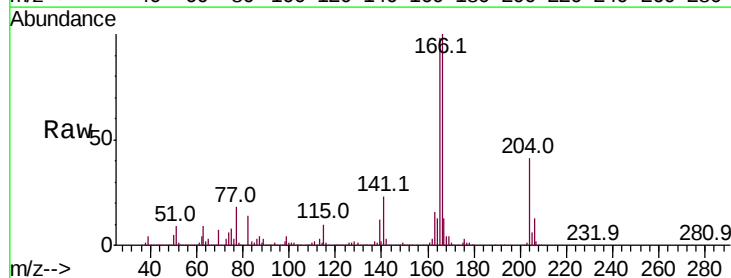
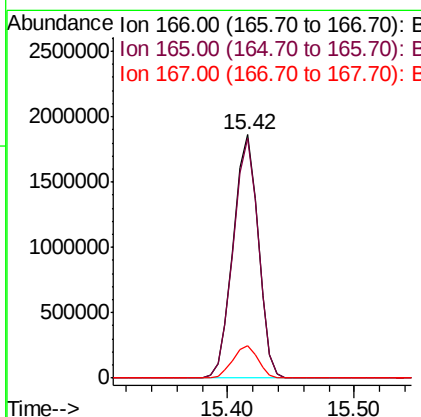
Manual Integrations
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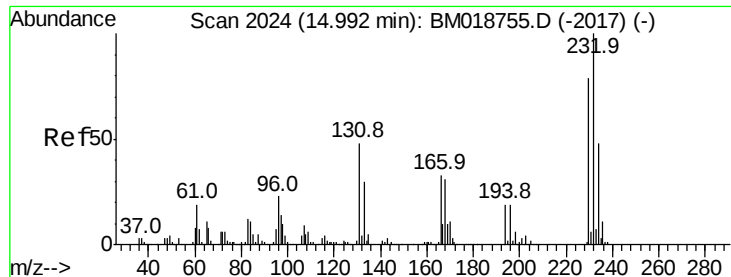
Sohil
 2/14/2019 1:50:36 PM



#58
 Fluorene
 Concen: 48.397 ng
 RT: 15.42 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM018812.D
 Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2542101		
165	98.5	79.1	118.7	
167	13.5	11.0	16.4	





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.616 ng

RT: 14.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:232 Resp: 683353
Ion Ratio Lower Upper

232 100

131 49.8 38.6 57.8

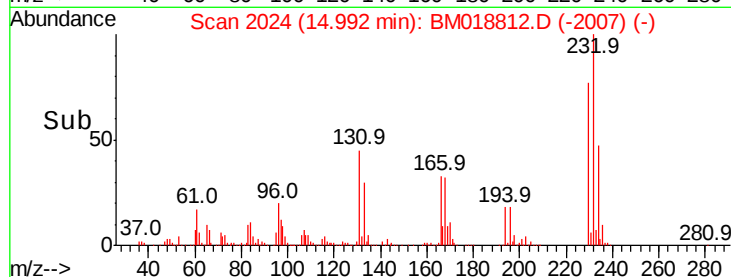
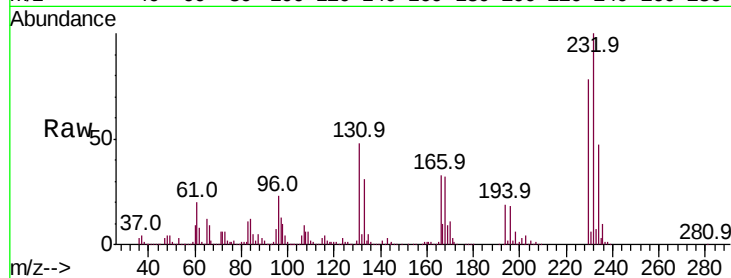
130 2.6 2.0 3.0

166 34.1 26.9 40.3

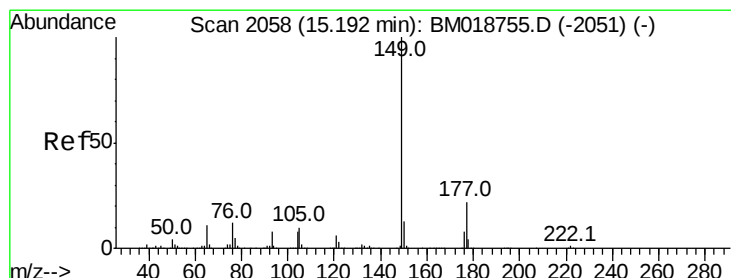
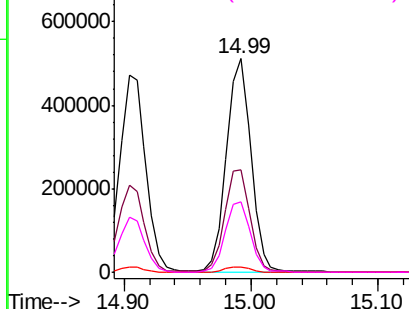
Manual Integrations
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Abundance Ion 232.00 (231.70 to 232.70): E
800000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 46.314 ng

RT: 15.19 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BM018812.D

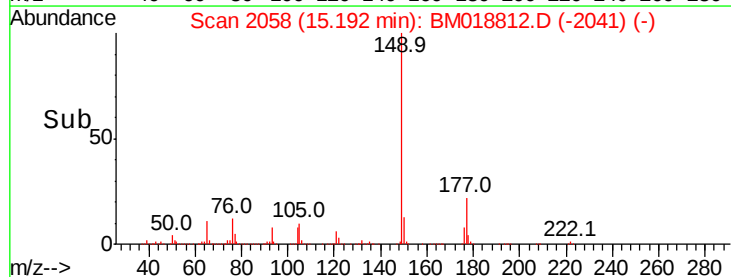
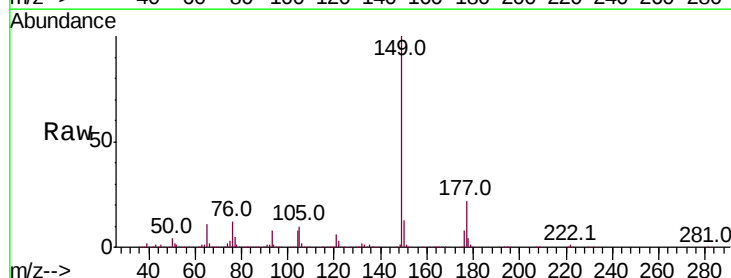
Acq: 13 Feb 2019 21:25

Tgt Ion:149 Resp: 2739829
Ion Ratio Lower Upper

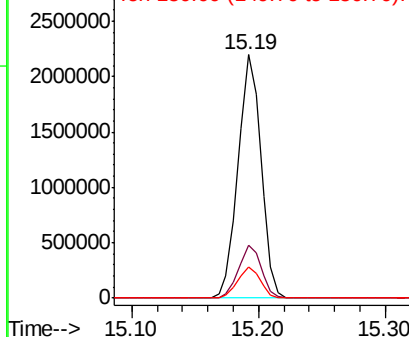
149 100

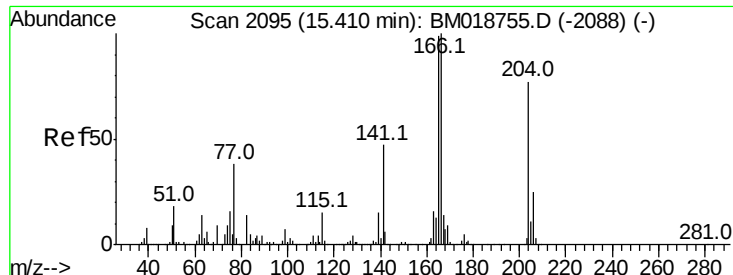
177 21.6 17.2 25.8

150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
3000000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





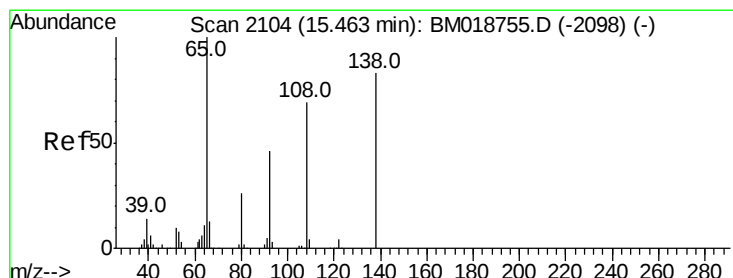
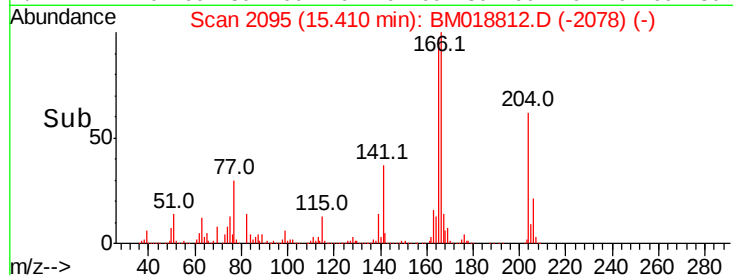
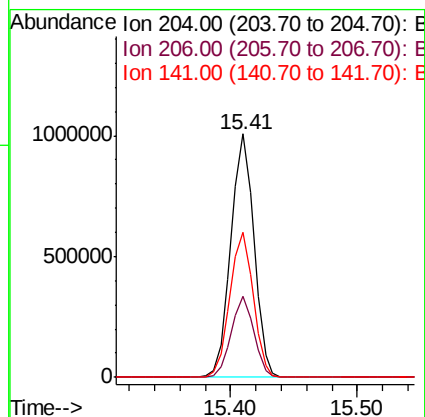
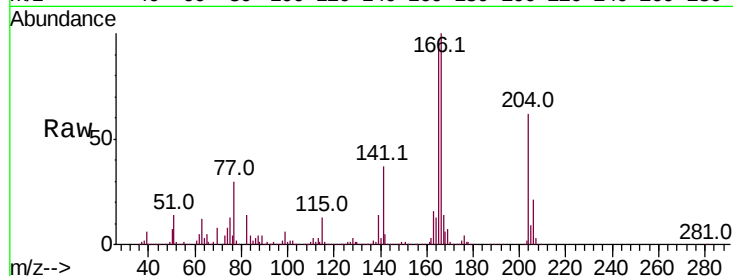
#61
4-Chlorophenyl-phenylether
Concen: 42.877 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	59.3	49.2	73.8

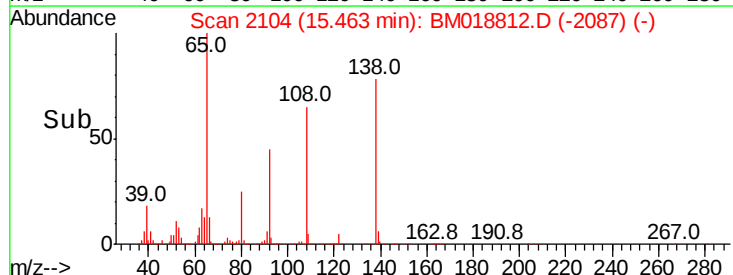
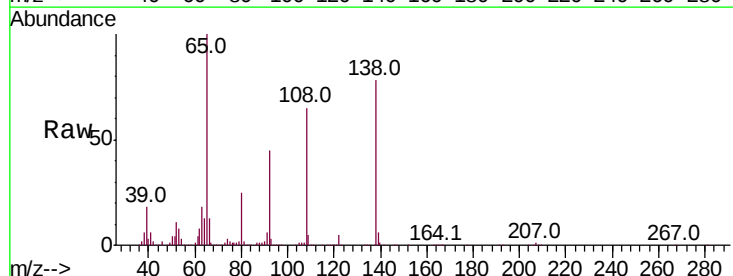
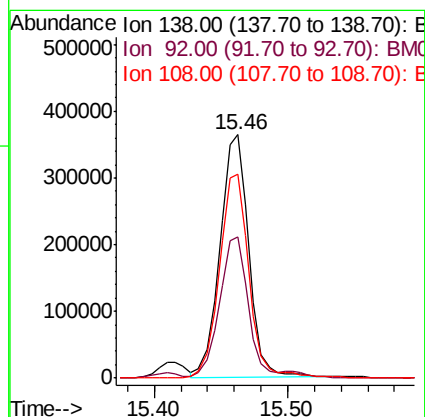
Manual Integrations
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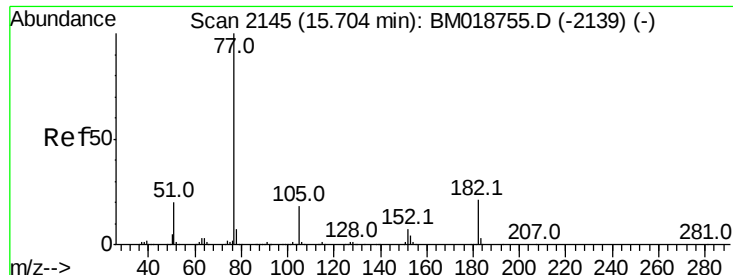
Sohil
2/14/2019 1:50:36 PM



#62
4-Nitroaniline
Concen: 40.021 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.1	35.5	75.5
108	83.5	62.4	102.4





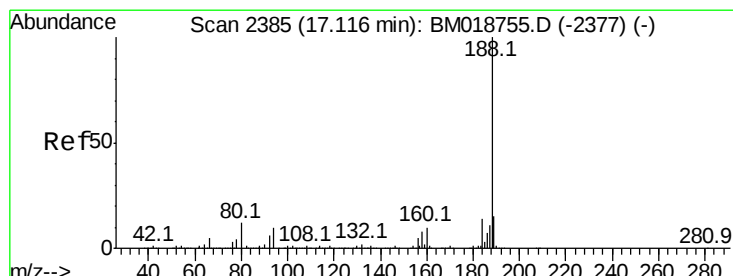
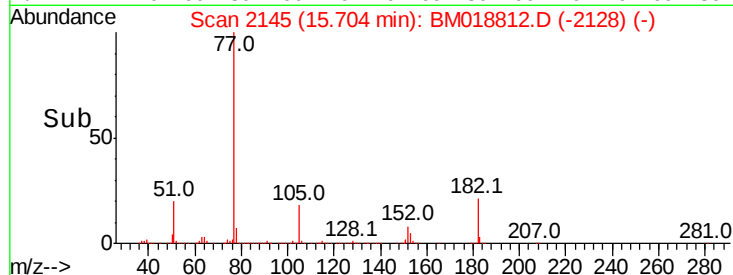
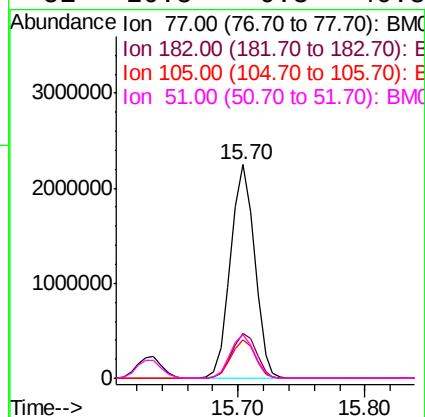
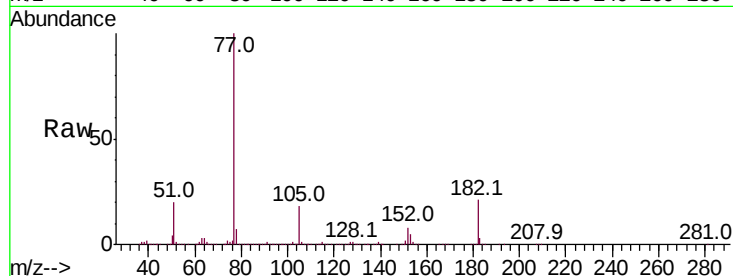
#63
Azobenzene
Concen: 46.383 ng
RT: 15.70 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.7	1.0	41.0
105	17.9	0.0	37.7
51	20.5	0.3	40.3

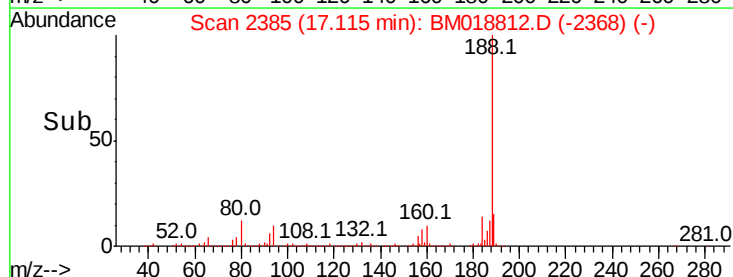
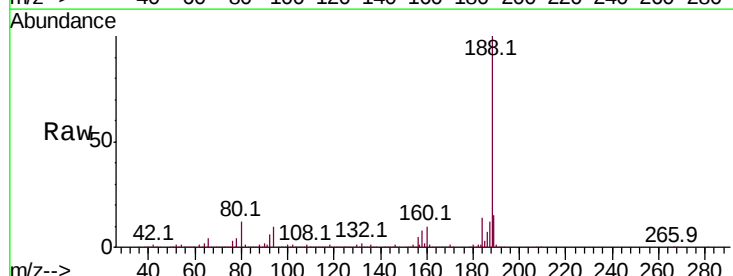
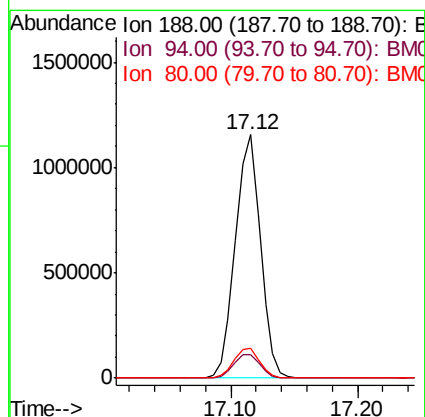
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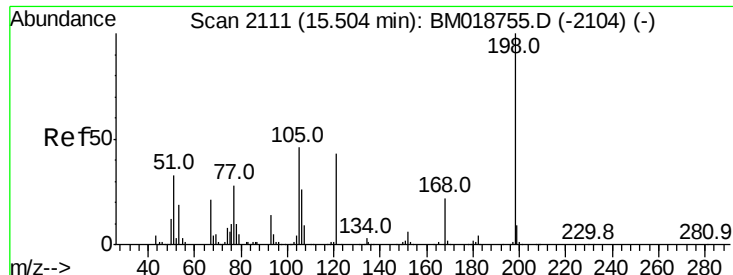
Sohil
2/14/2019 1:50:36 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	12.1	9.7	14.5





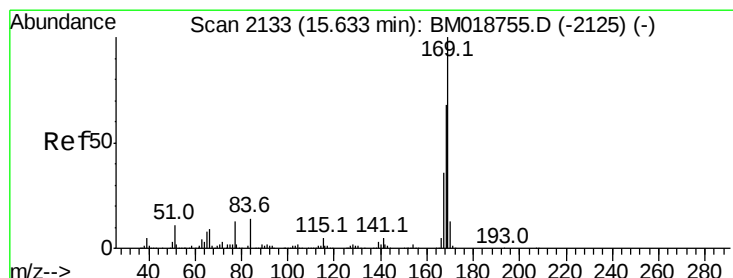
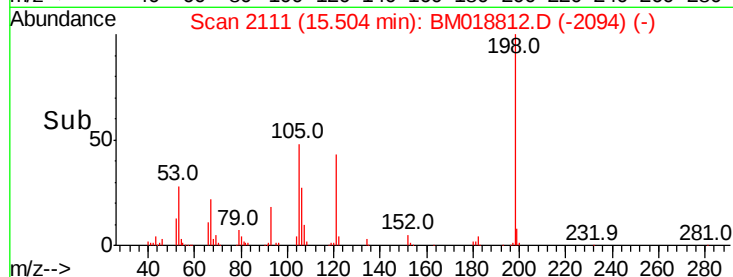
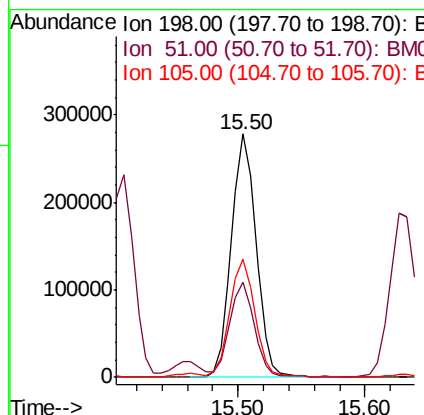
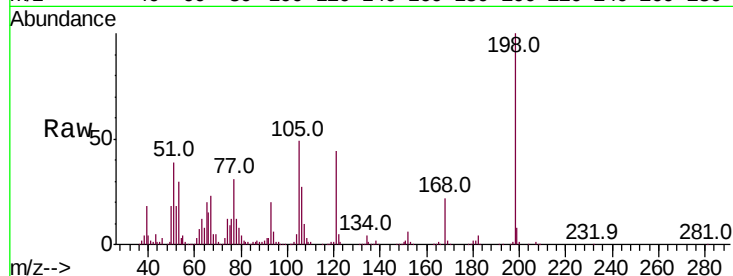
#65
4,6-Dinitro-2-methylphenol
Concen: 33.955 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	376904		
51	39.2	18.4	58.4	
105	48.7	27.2	67.2	

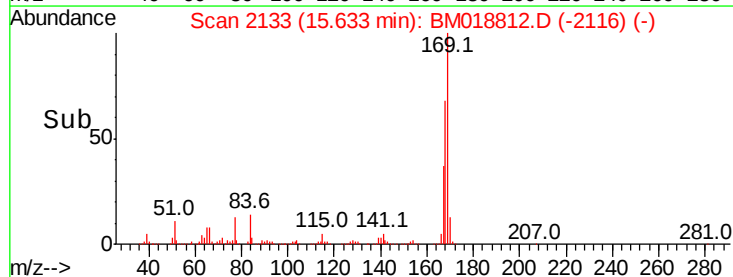
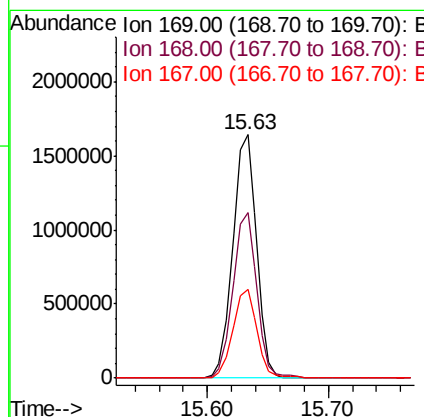
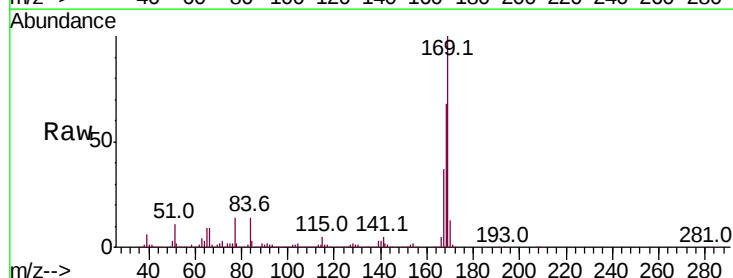
Manual Integrations
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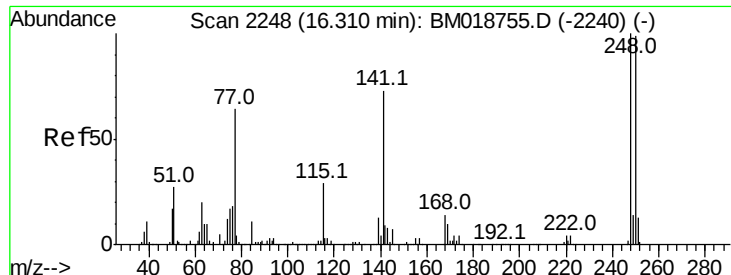
Sohil
2/14/2019 1:50:36 PM



#66
n-Nitrosodiphenylamine
Concen: 44.941 ng
RT: 15.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2244742		
168	67.9	54.4	81.6	
167	36.6	29.0	43.6	





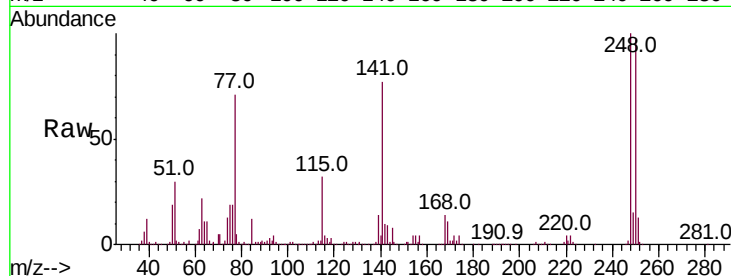
#67
4-Bromophenyl-phenylether
Concen: 42.527 ng
RT: 16.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

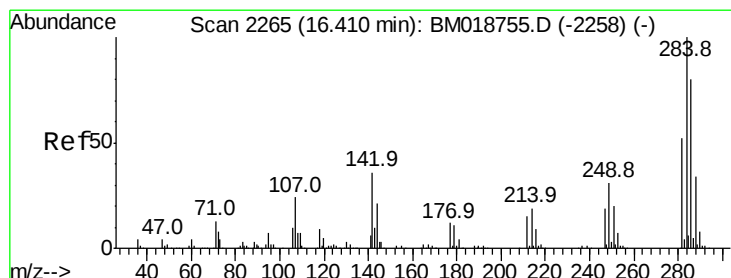
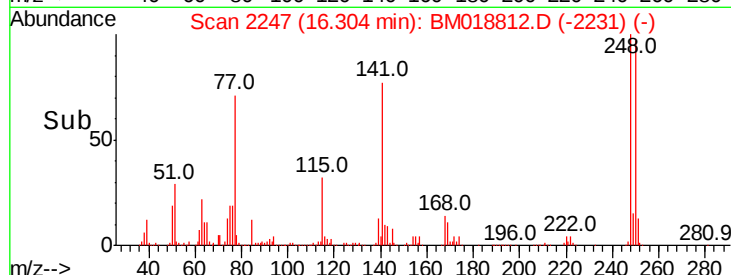
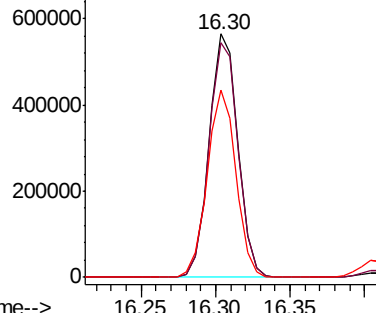
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.0	118.6
141	77.1	58.6	88.0

Manual Integrations
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Sohil
2/14/2019 1:50:36 PM

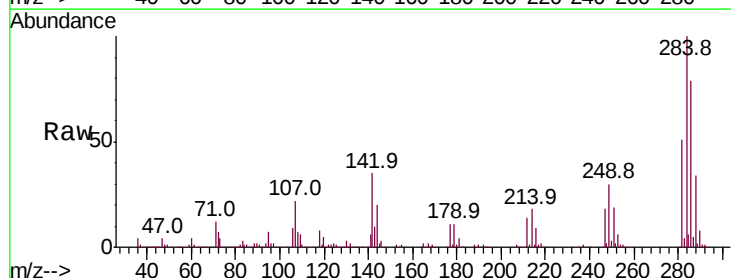


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

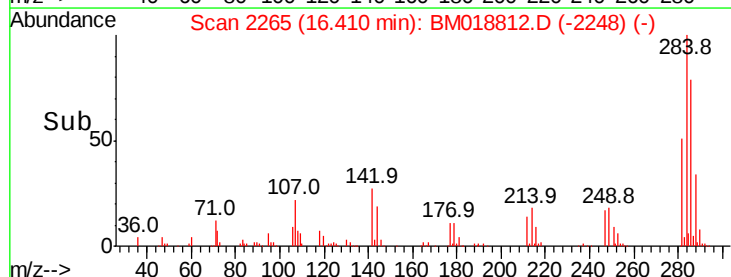
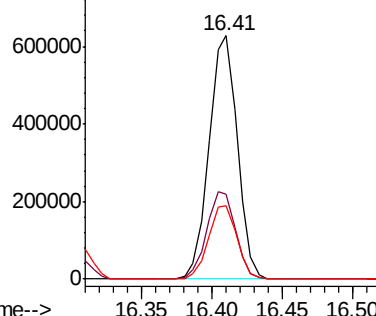


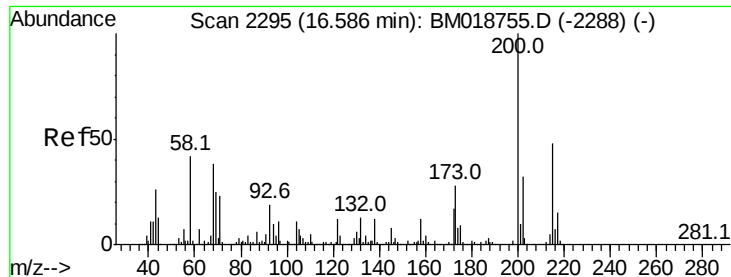
#68
Hexachlorobenzene
Concen: 42.593 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.9	43.3
249	30.3	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





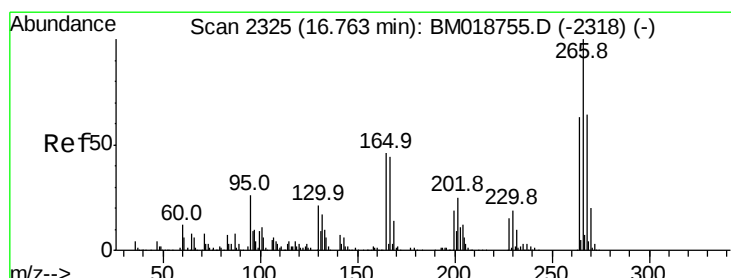
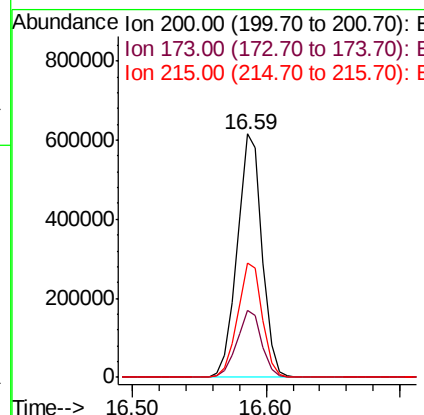
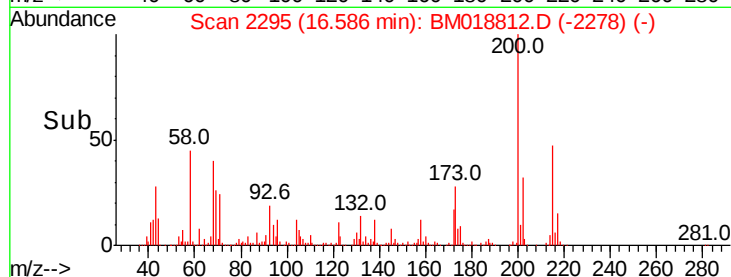
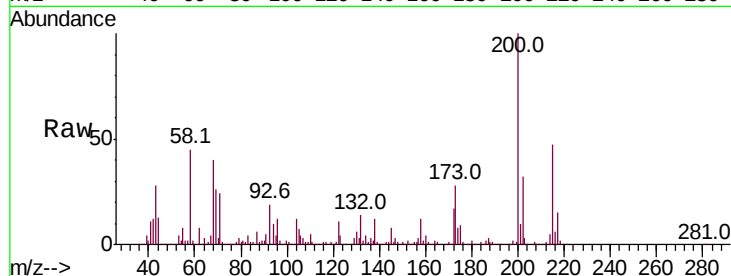
#69
Atrazine
Concen: 49.473 ng
RT: 16.59 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.6	47.6
215	47.1	27.6	67.6

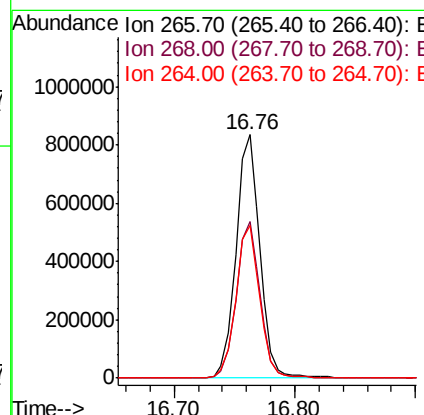
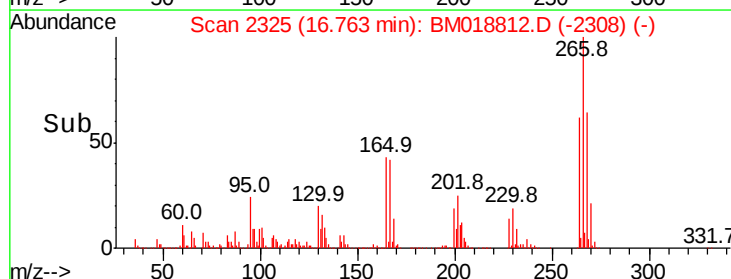
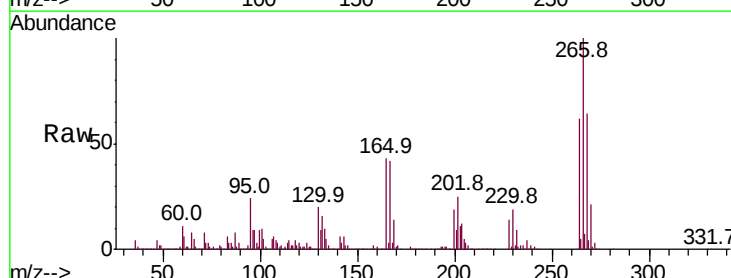
Manual Integrations
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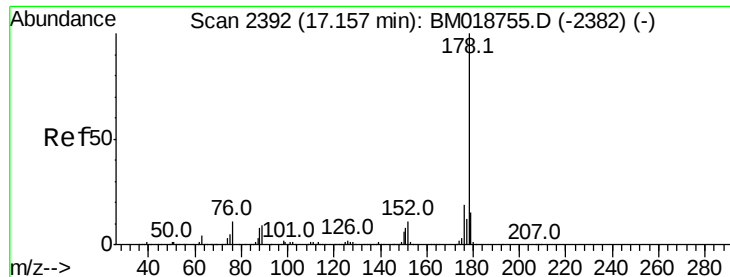
Sohil
2/14/2019 1:50:36 PM



#70
Pentachlorophenol
Concen: 86.691 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.3	76.9
264	62.5	50.6	75.8





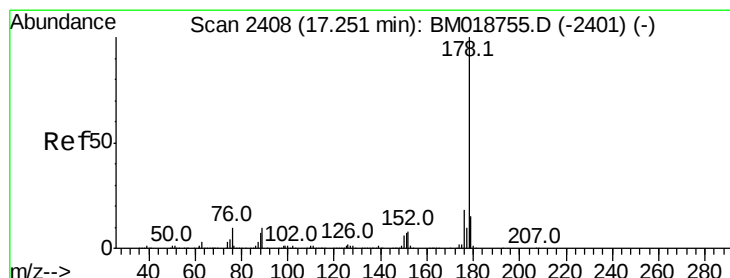
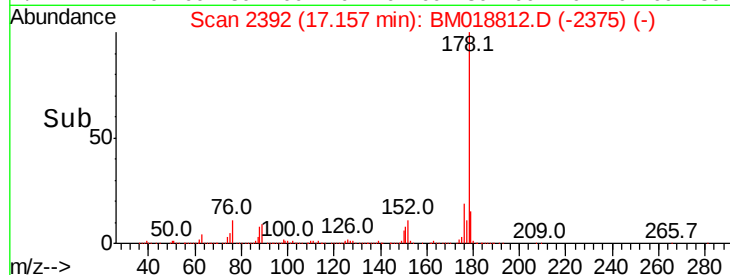
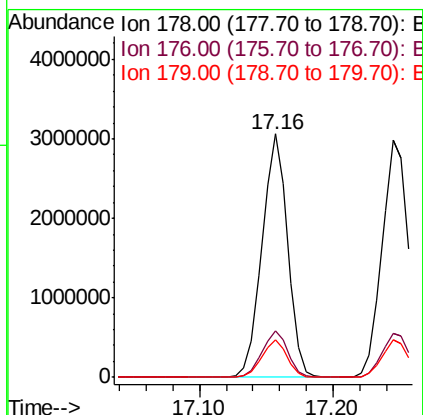
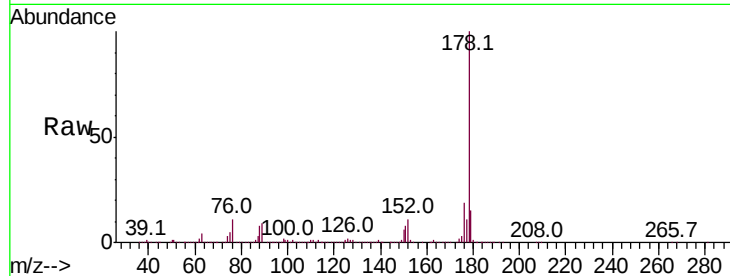
#71
Phenanthrene
Concen: 47.512 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.4	12.3	18.5

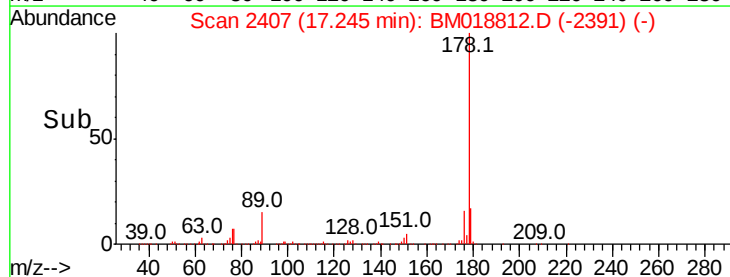
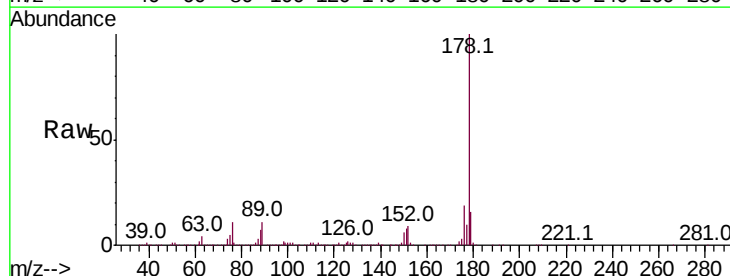
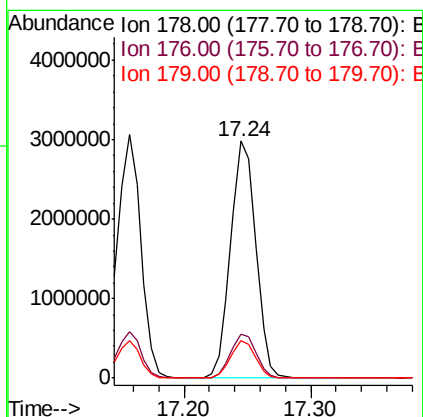
Manual Integrations
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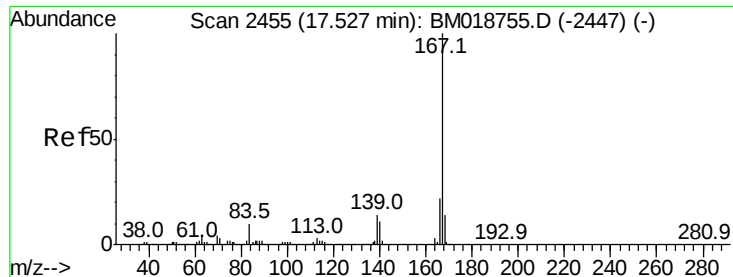
Sohil
2/14/2019 1:50:36 PM



#72
Anthracene
Concen: 49.525 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.6	12.1	18.1





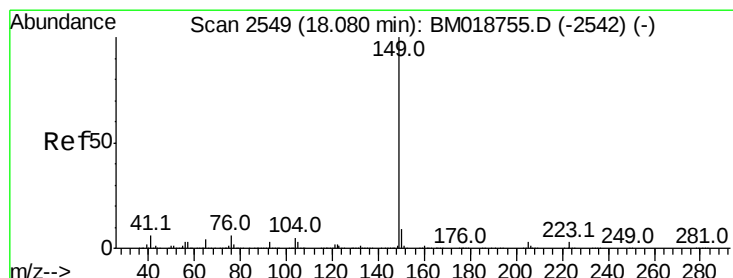
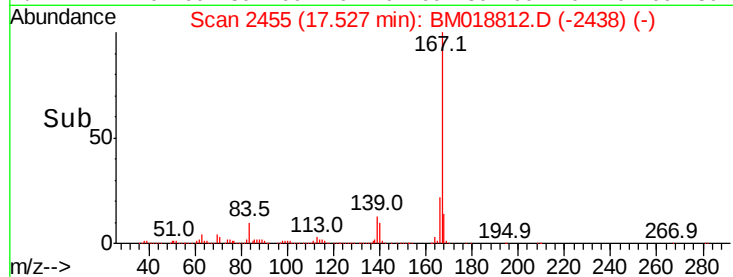
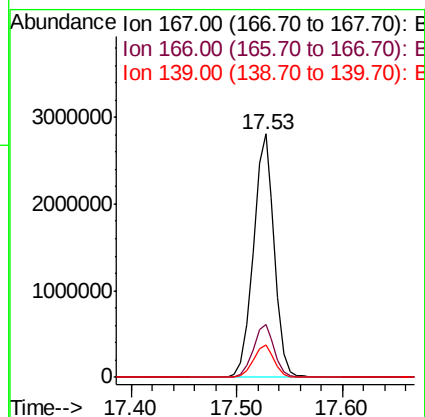
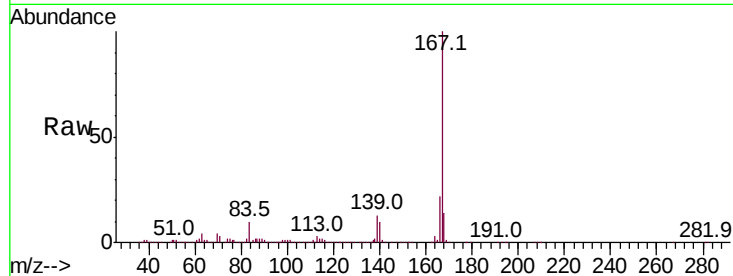
#73
 Carbazole
 Concen: 44.617 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM018812.D
 Acq: 13 Feb 2019 21:25

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	13.2	10.9	16.3

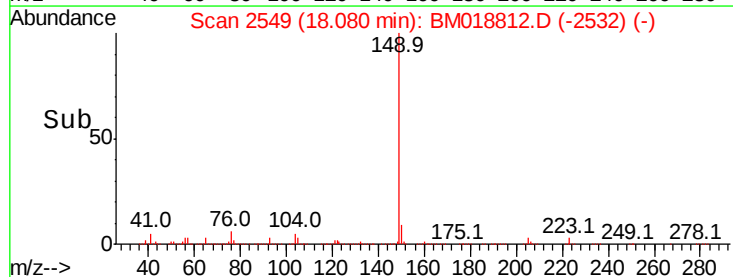
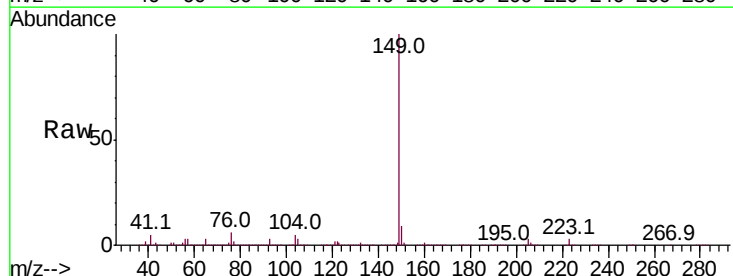
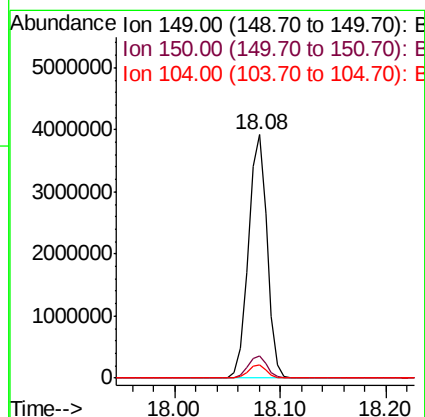
Manual Integrations
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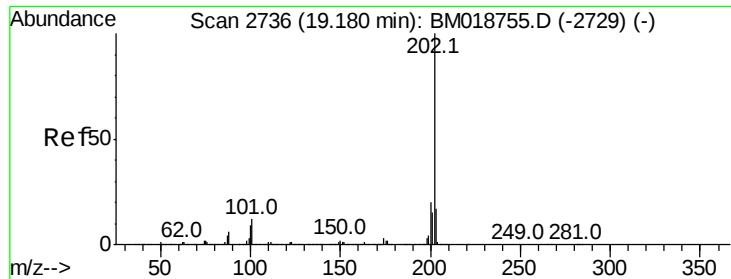
Sohil
 2/14/2019 1:50:36 PM



#74
 Di-n-butylphthalate
 Concen: 48.036 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM018812.D
 Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 47.885 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:202 Resp: 4699528

Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.5

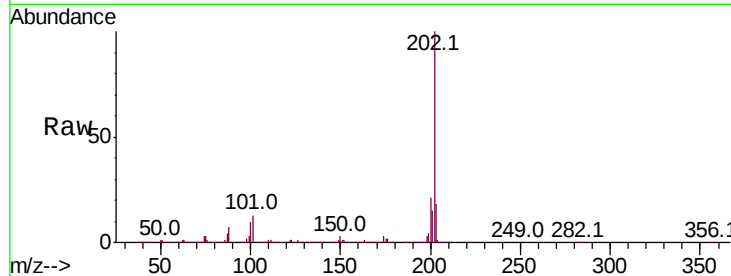
203 17.8 0.0 37.3

Manual Integrations

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Sohil

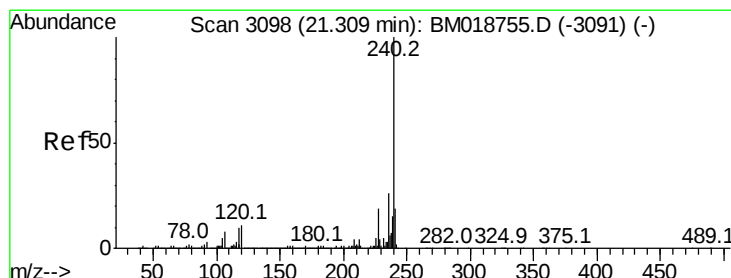
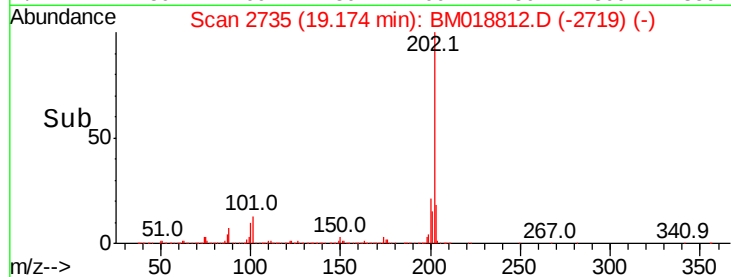
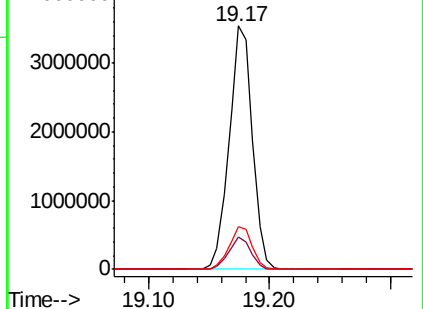
2/14/2019 1:50:36 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Tgt Ion:240 Resp: 1731097

Ion Ratio Lower Upper

240 100

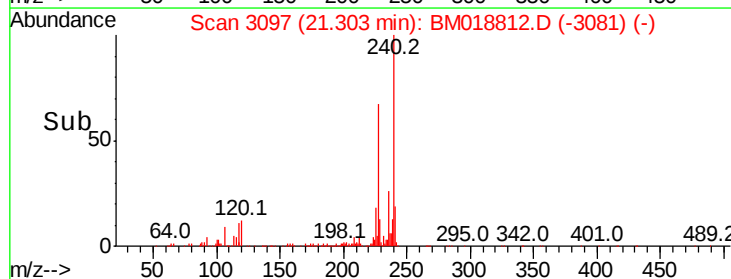
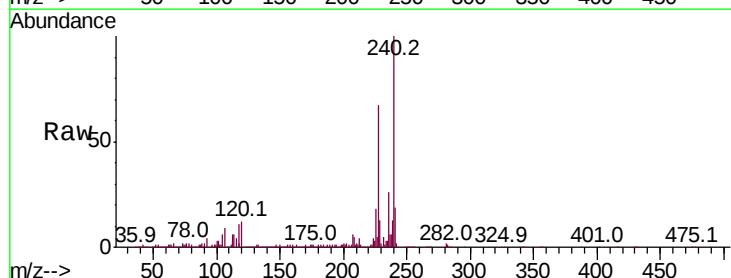
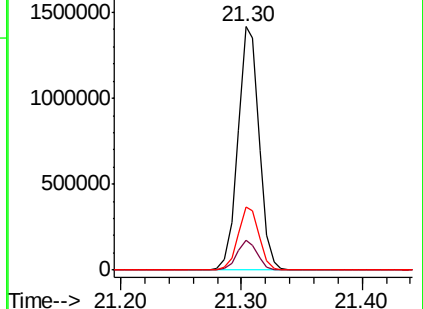
120 12.2 8.9 13.3

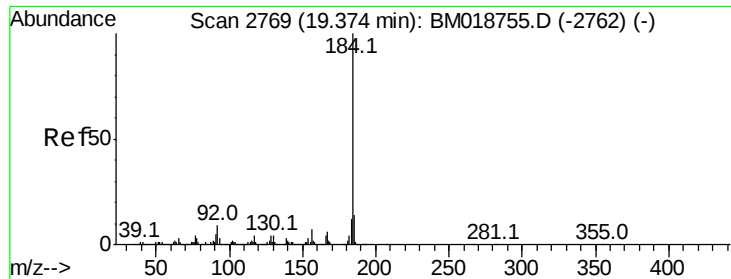
236 25.9 20.9 31.3

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.871 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:184 Resp: 1554433

Ion Ratio Lower Upper

184 100

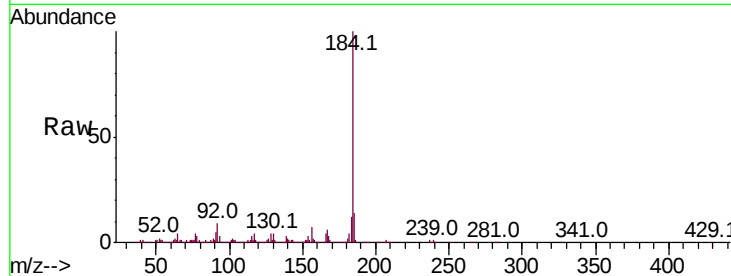
185 14.2 11.2 16.8

183 11.9 9.7 14.5

Manual Integrations
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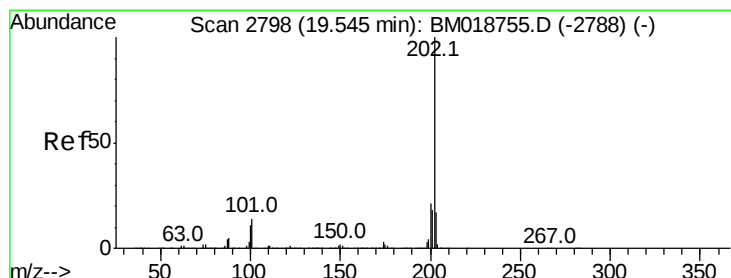
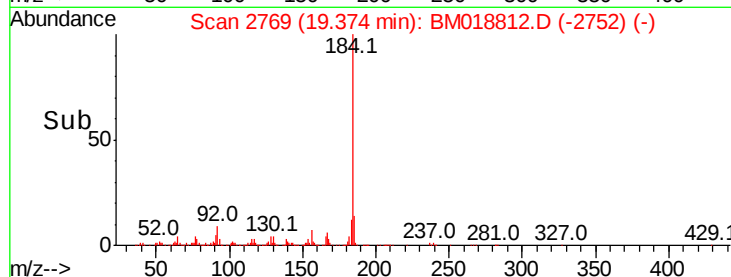
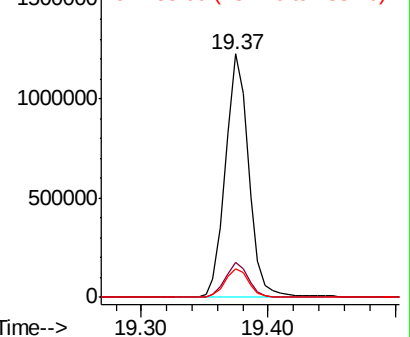
2/14/2019 1:50:36 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.417 ng

RT: 19.54 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

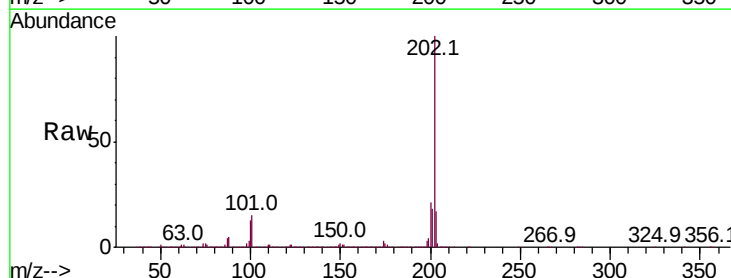
Tgt Ion:202 Resp: 4867843

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

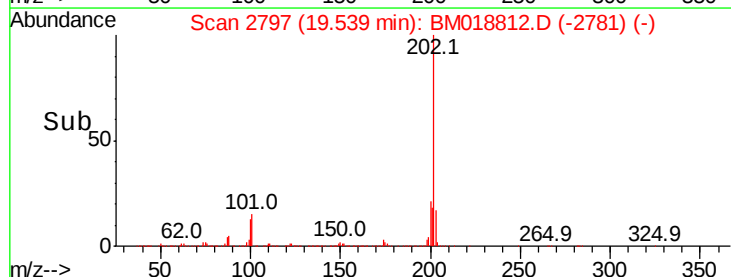
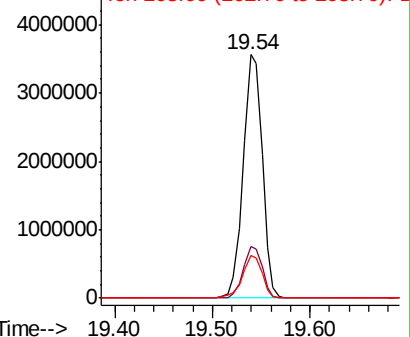
203 17.5 13.8 20.8

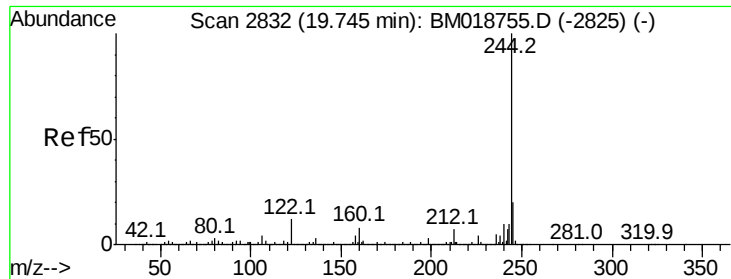


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





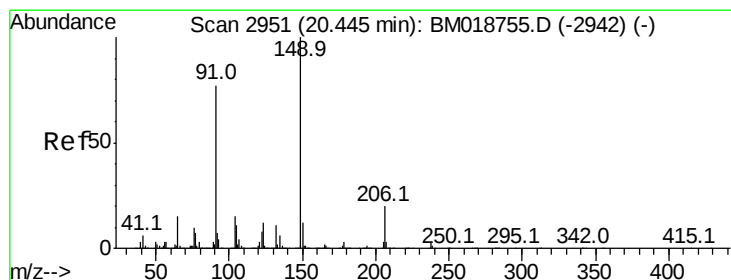
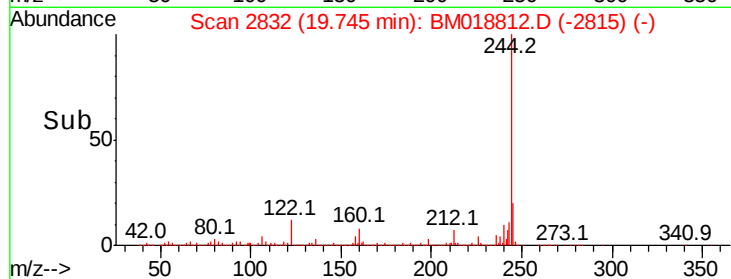
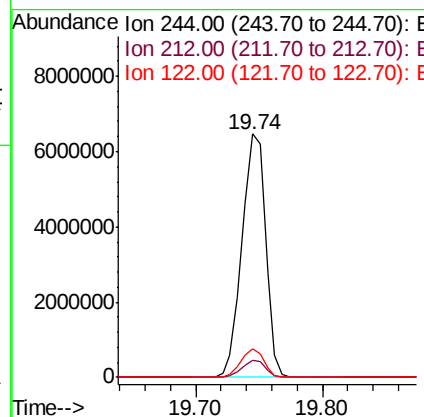
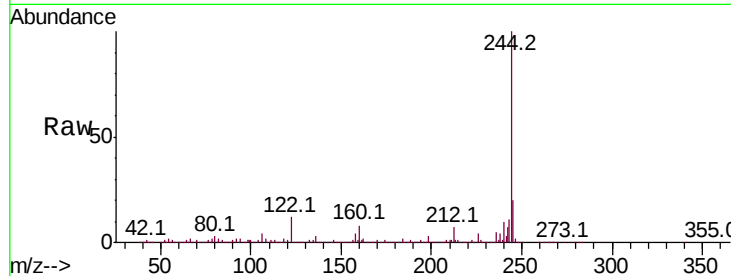
#79
 Terphenyl-d14
 Concen: 99.230 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018812.D
 Acq: 13 Feb 2019 21:25

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MS

Tot Ion:244 Resp: 8326942
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.7 9.3 13.9

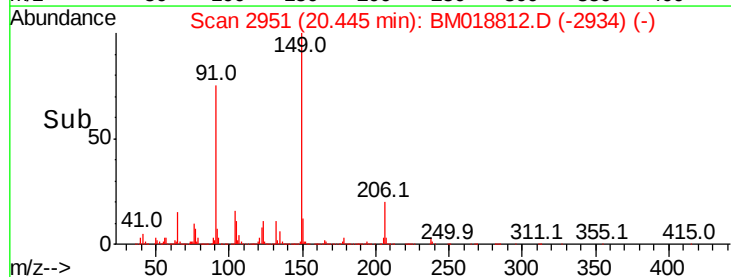
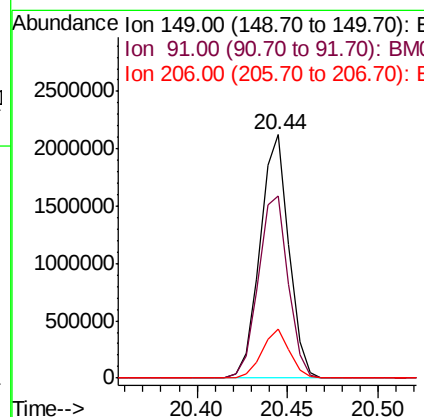
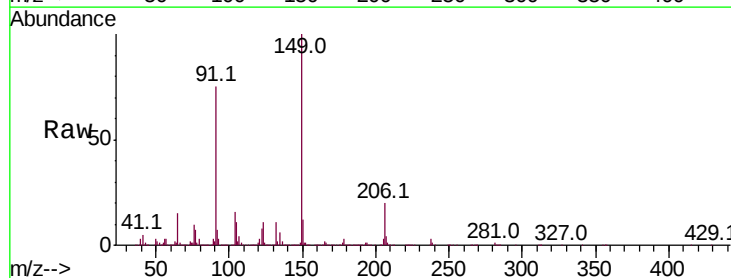
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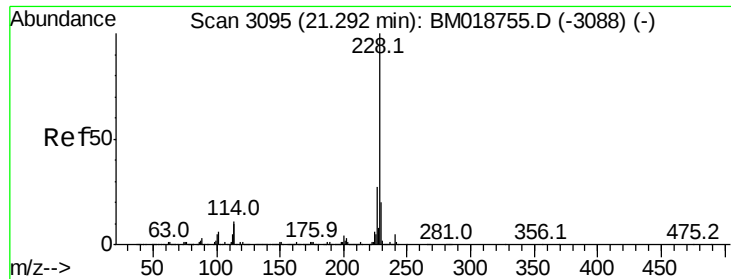
Sohil
 2/14/2019 1:50:36 PM



#80
 Butylbenzylphthalate
 Concen: 50.969 ng
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: BM018812.D
 Acq: 13 Feb 2019 21:25

Tgt Ion:149 Resp: 2335407
 Ion Ratio Lower Upper
 149 100
 91 74.7 61.4 92.0
 206 20.3 15.8 23.8





#81

Benzo(a)anthracene

Concen: 48.795 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

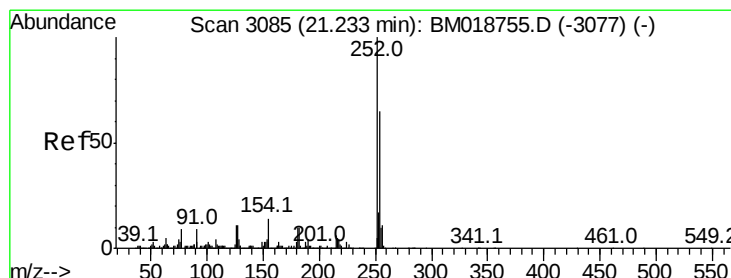
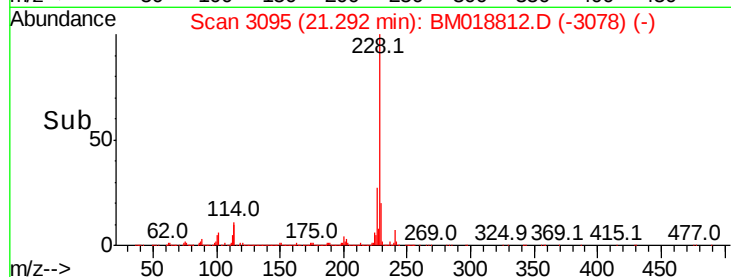
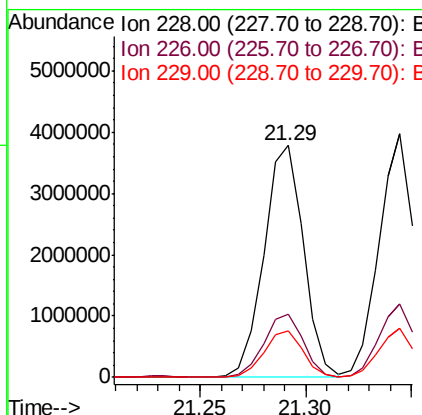
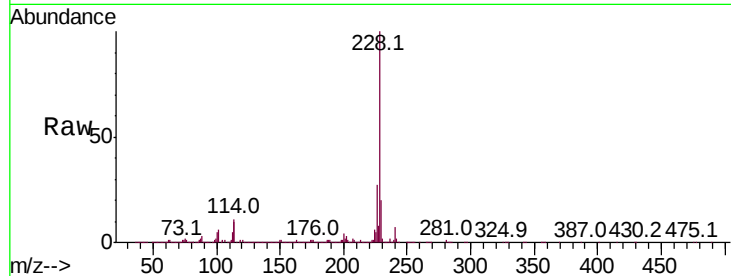
ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:	228	Resp:	4923841
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	20.3	15.9	23.9

Manual Integrations
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2/14/2019 1:50:36 PM



#82

3,3'-Dichlorobenzidine

Concen: 32.040 ng

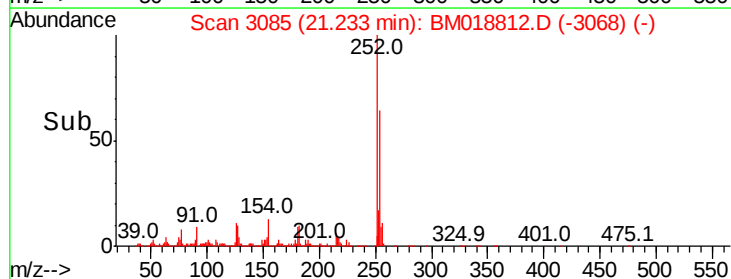
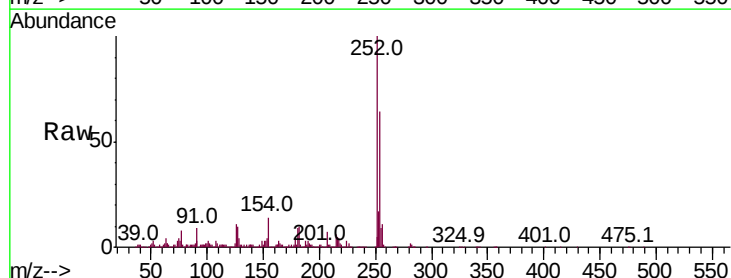
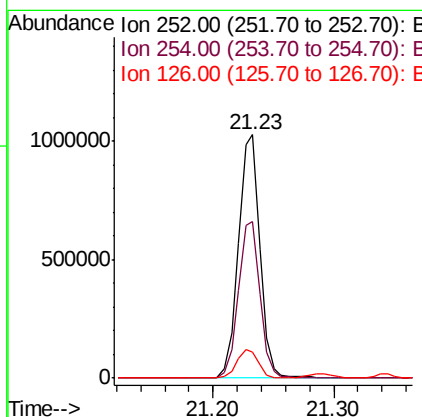
RT: 21.23 min Scan# 3085

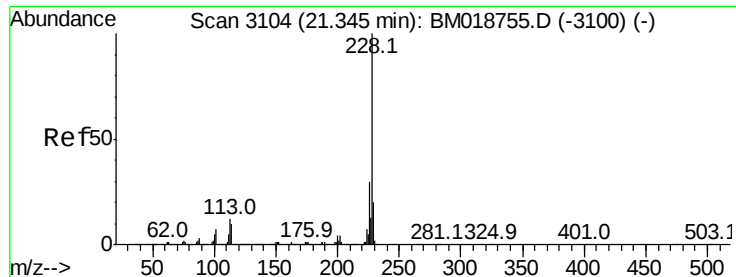
Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Tgt Ion:	252	Resp:	1277762
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.8
126	10.6	9.1	13.7





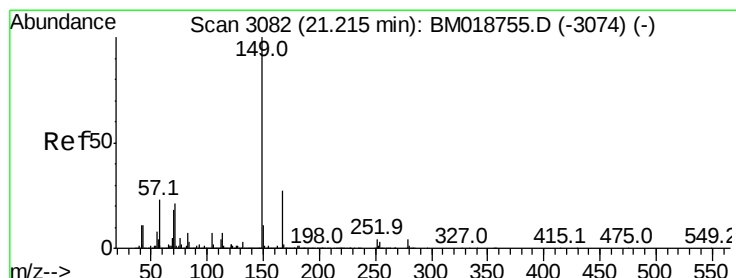
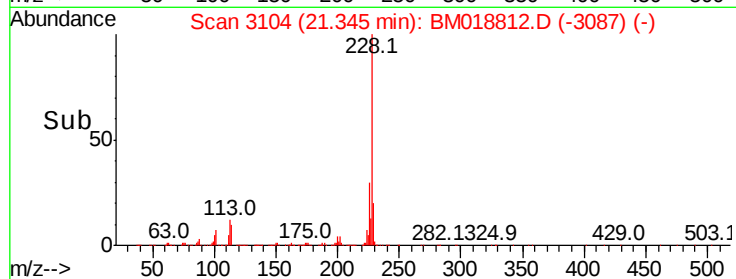
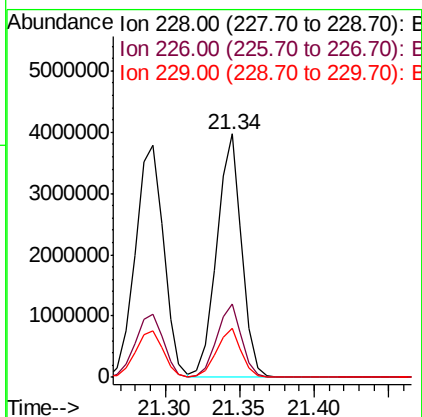
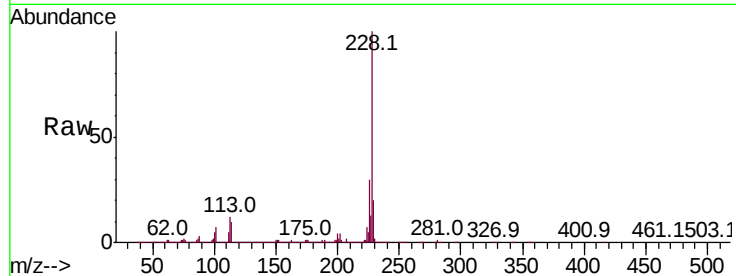
#83
Chrysene
Concen: 47.860 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.2	16.0	24.0

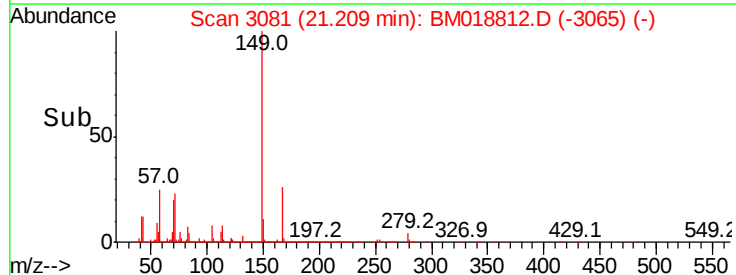
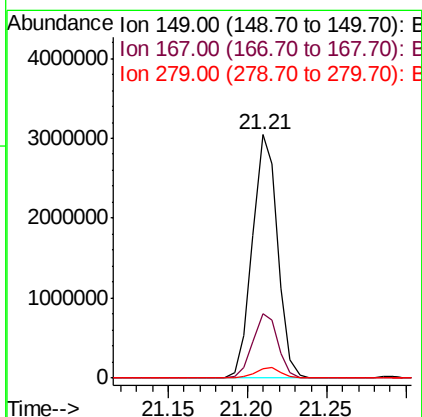
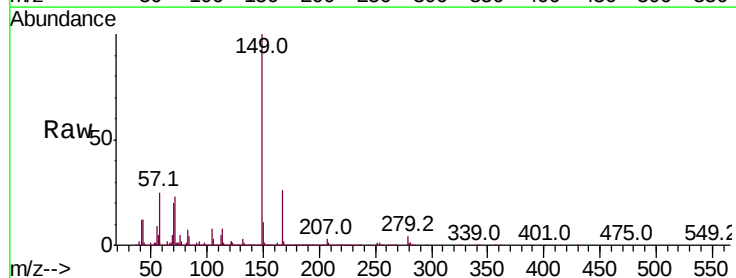
Manual Integrations
APPROVED

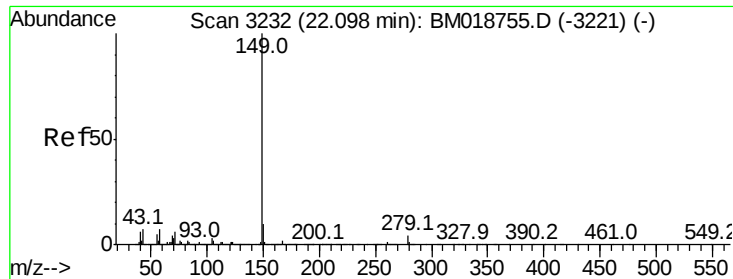
Sohil
2/14/2019 1:50:36 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.026 ng
RT: 21.21 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.6
279	4.0	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 52.511 ng

RT: 22.09 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:149 Resp: 5918673

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

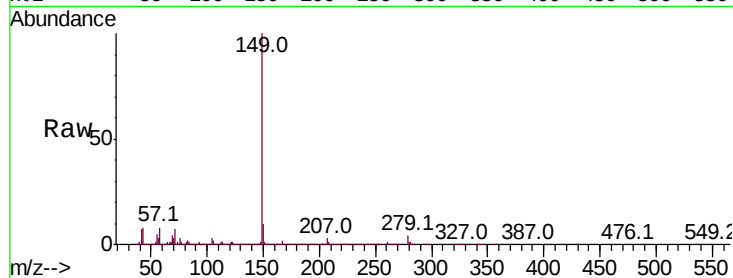
43 7.6 6.0 9.0

Manual Integrations

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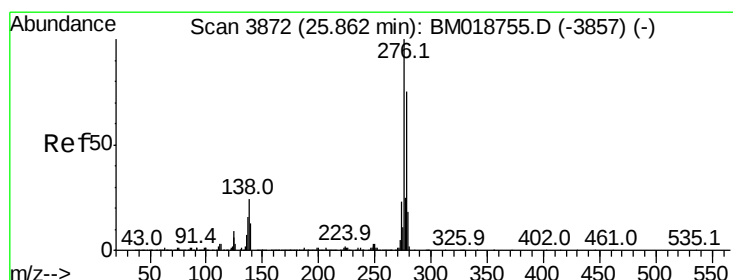
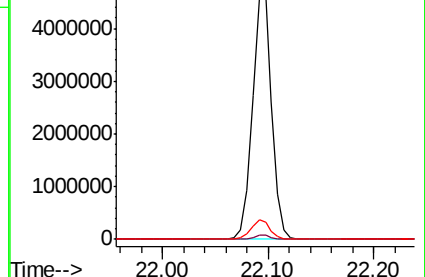
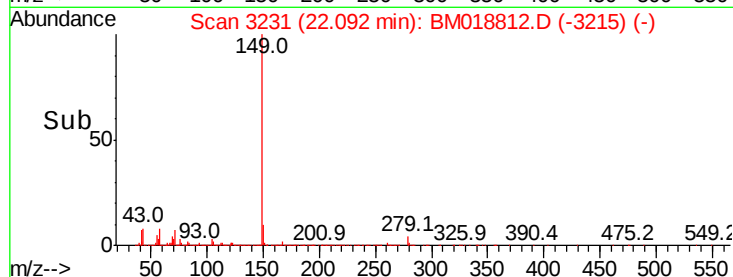
2/14/2019 1:50:36 PM



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: 45.920 ng

RT: 25.86 min Scan# 3872

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

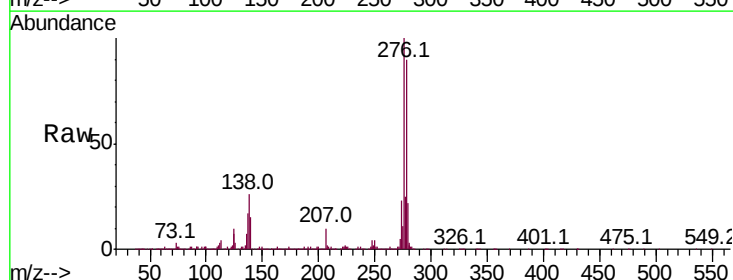
Tgt Ion:276 Resp: 5127731

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

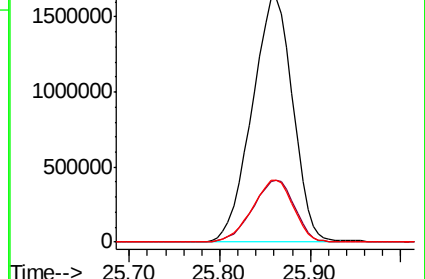
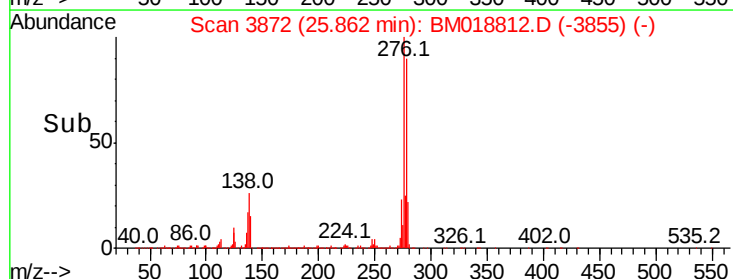
277 25.6 20.3 30.5

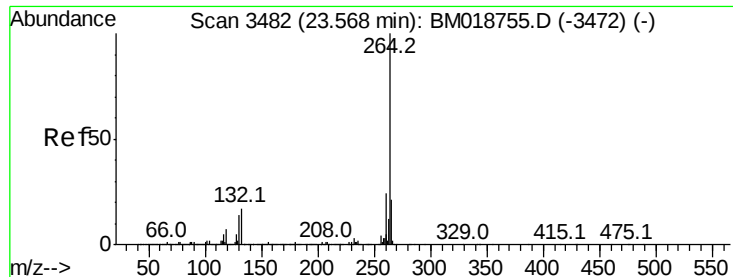


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MS

Tot Ion:264 Resp: 1734774

Ion Ratio Lower Upper

264 100

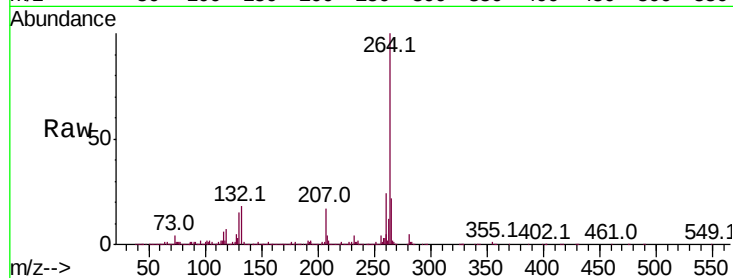
260 24.0 18.9 28.3

265 22.2 17.3 25.9

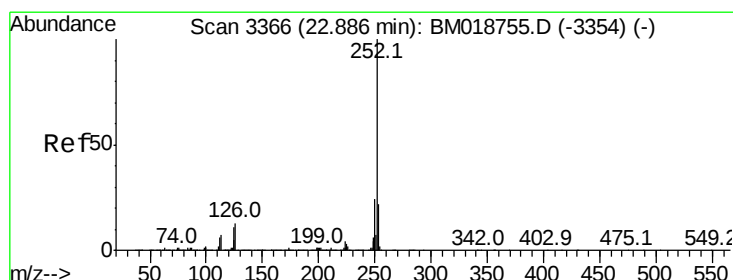
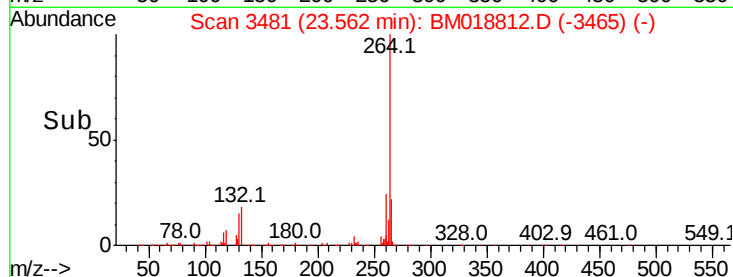
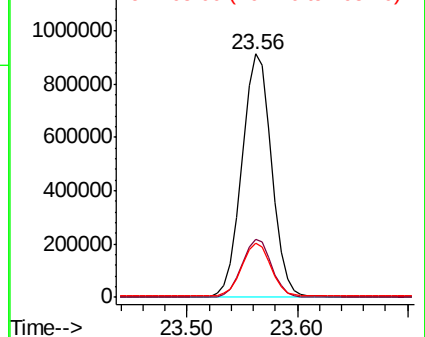
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.877 ng

RT: 22.89 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

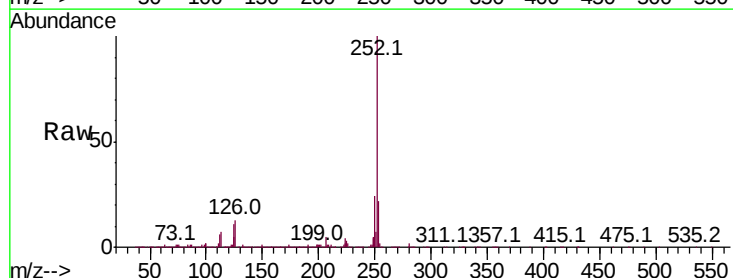
Tgt Ion:252 Resp: 4950416

Ion Ratio Lower Upper

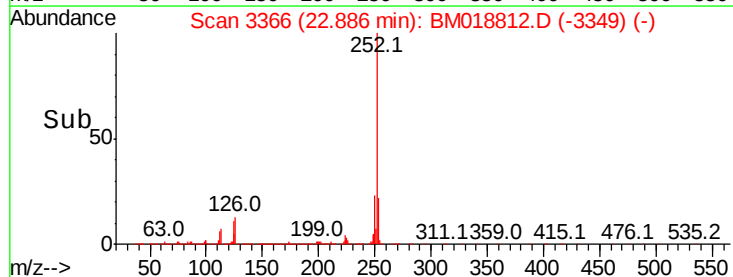
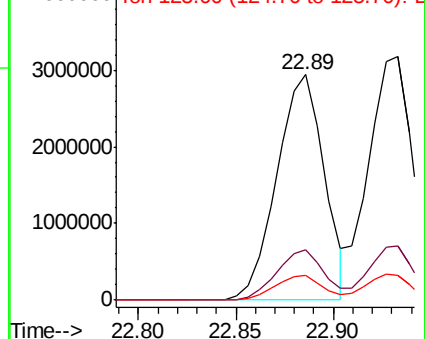
252 100

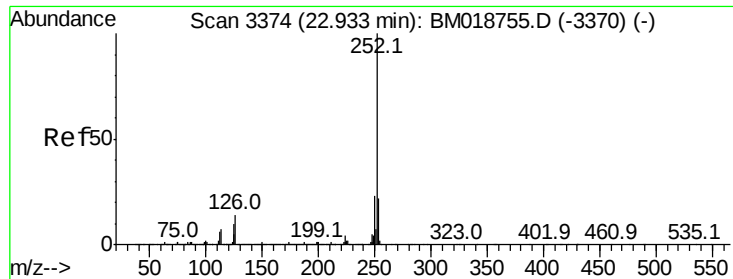
253 22.2 17.8 26.6

125 10.8 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





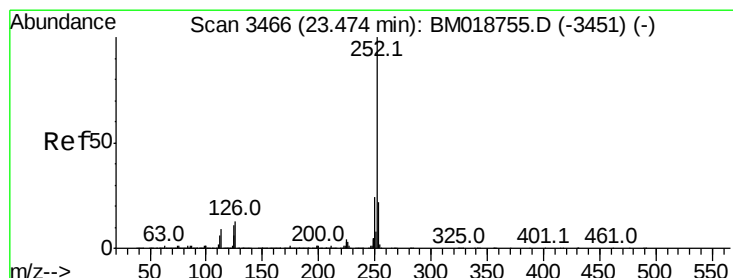
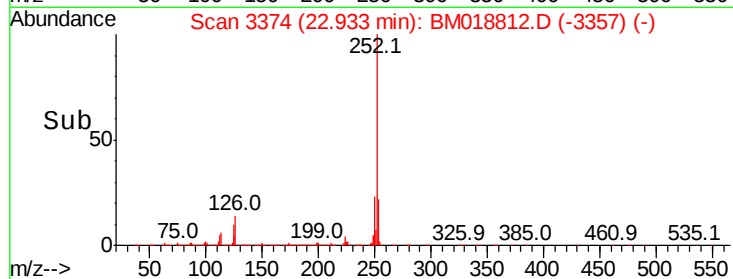
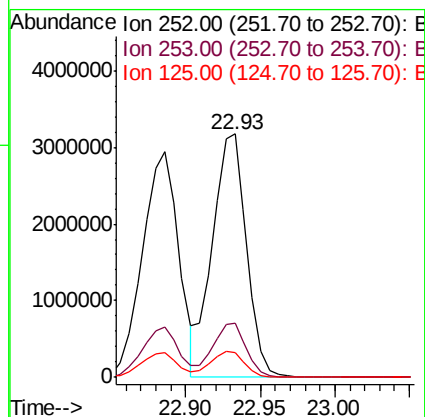
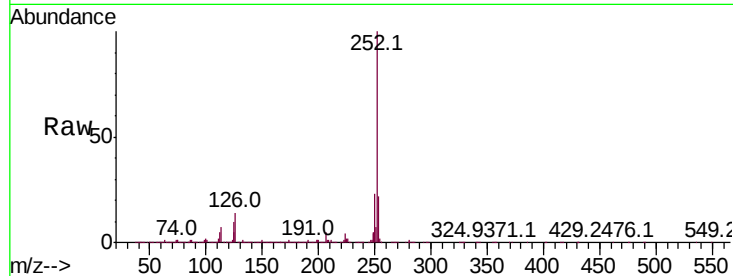
#89
Benzo(k)fluoranthene
Concen: 51.160 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.9	8.2	12.4

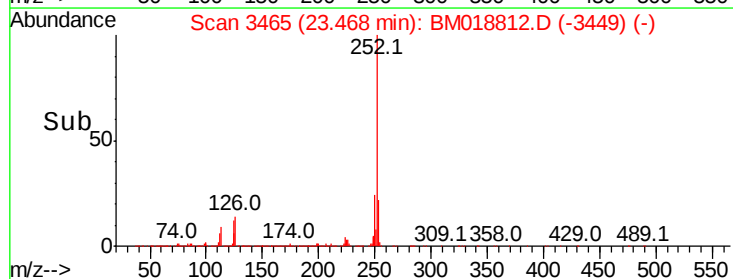
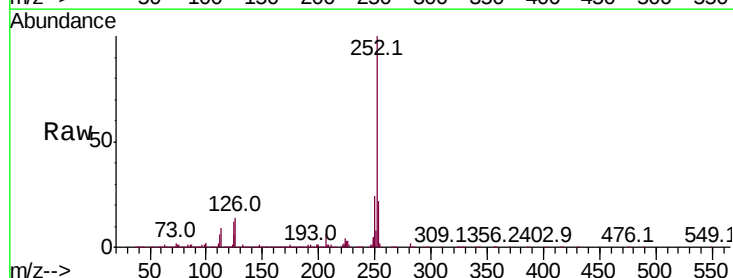
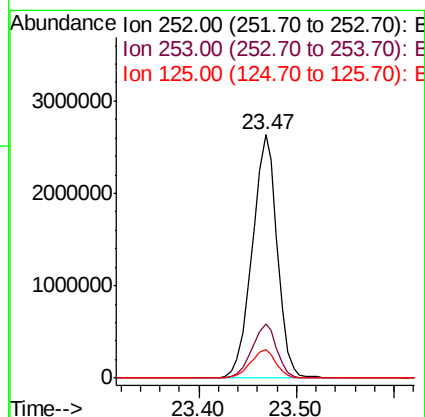
Manual Integrations
APPROVED

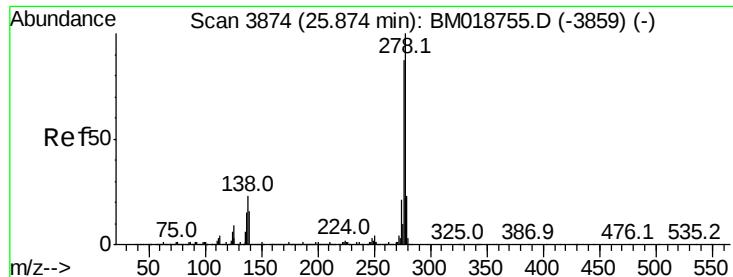
Sohil
2/14/2019 1:50:36 PM



#90
Benzo(a)pyrene
Concen: 50.363 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.9	8.6	13.0





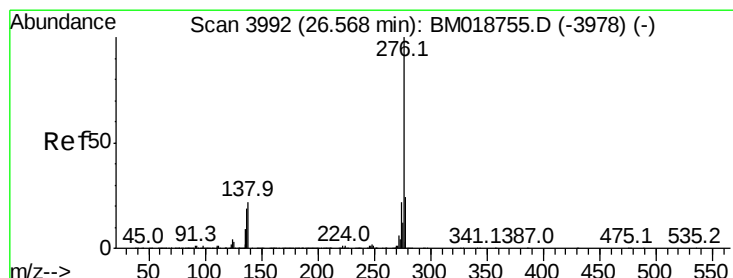
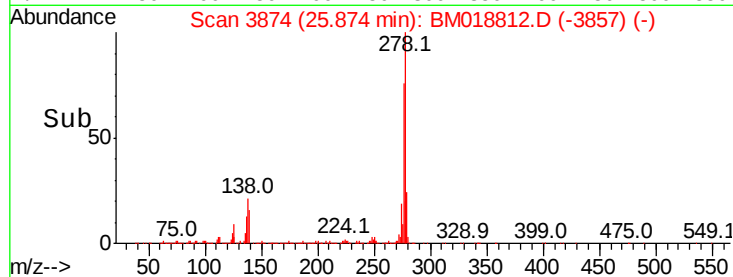
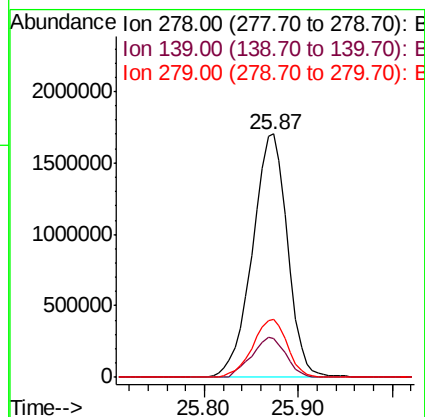
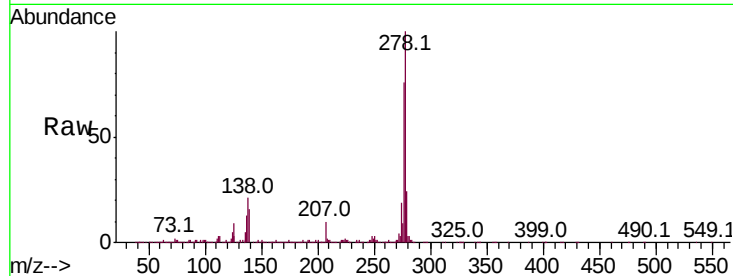
#91
Dibenzo(a,h)anthracene
Concen: 47.186 ng
RT: 25.87 min Scan# 3874
Delta R.T. -0.00 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	18.8
279	23.6	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/14/2019 1:50:36 PM



#92
Benzo(g,h,i)perylene
Concen: 45.721 ng
RT: 26.56 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM018812.D
Acq: 13 Feb 2019 21:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	22.5	17.3	25.9

