

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
 Data File : BM018813.D
 Acq On : 13 Feb 2019 22:01
 Operator : JU/SJ
 Sample : K1457-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MSD

Manual Integrations
 APPROVED

Sohil
 2/14/2019 1:50:38 PM

Quant Time: Feb 14 01:22:50 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	252420	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1092013	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	655506	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1516689	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1715677	20.00	ng	0.00
87) Perylene-d12	23.56	264	1682435	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2266266	147.10	ng	0.00
7) Phenol-d6	6.89	99	2987361	137.65	ng	0.00
23) Nitrobenzene-d5	8.88	82	2305441	97.62	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1499941	158.74	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4662630	94.42	ng	0.00
79) Terphenyl-d14	19.74	244	8199800	98.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	245838	36.638	ng	99
3) Pyridine	3.65	79	606829	33.155	ng	100
4) n-Nitrosodimethylamine	3.57	42	225110	48.347	ng	92
6) Aniline	7.05	93	554007	20.834	ng	98
8) 2-Chlorophenol	7.28	128	808463	47.798	ng	99
9) Benzaldehyde	6.87	77	495847	42.502	ng	89
10) Phenol	6.92	94	1015357	44.463	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	782996	44.949	ng	99
12) 1,3-Dichlorobenzene	7.60	146	750487	39.459	ng	99
13) 1,4-Dichlorobenzene	7.75	146	773350	39.941	ng	100
14) 1,2-Dichlorobenzene	8.06	146	755802	40.637	ng	99
15) Benzyl Alcohol	7.96	79	850905	49.343	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	739316	43.851	ng	95
17) 2-Methylphenol	8.16	107	729240	50.174	ng	98
18) Hexachloroethane	8.77	117	342253	48.422	ng	97
19) n-Nitroso-di-n-propylamine	8.52	70	771724	45.925	ng	100
20) 3+4-Methylphenols	8.49	107	1020511	50.848	ng	99
22) Acetophenone	8.54	105	1295126	43.187	ng	# 99
24) Nitrobenzene	8.92	77	1127878	46.009	ng	100
25) Isophorone	9.44	82	1968597	52.241	ng	100
26) 2-Nitrophenol	9.62	139	438090	44.875	ng	98
27) 2,4-Dimethylphenol	9.68	122	793459	55.647	ng	97
28) bis(2-Chloroethoxy)methane	9.92	93	1146045	47.030	ng	99
29) 2,4-Dichlorophenol	10.15	162	807605	49.327	ng	100
30) 1,2,4-Trichlorobenzene	10.36	180	770459	40.748	ng	99
31) Naphthalene	10.55	128	3135157	58.867	ng	99
32) Benzoic acid	9.85	122	629649	50.623	ng	96
33) 4-Chloroaniline	10.68	127	232134	9.751	ng	98
34) Hexachlorobutadiene	10.82	225	411879	37.529	ng	99
35) Caprolactam	11.55	113	214005m	32.028	ng	
36) 4-Chloro-3-methylphenol	11.80	107	974382	49.361	ng	100
37) 2-Methylnaphthalene	12.17	142	1995295	53.212	ng	99
38) 1-Methylnaphthalene	12.39	142	1829962	49.907	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	872946	41.630	ng	99

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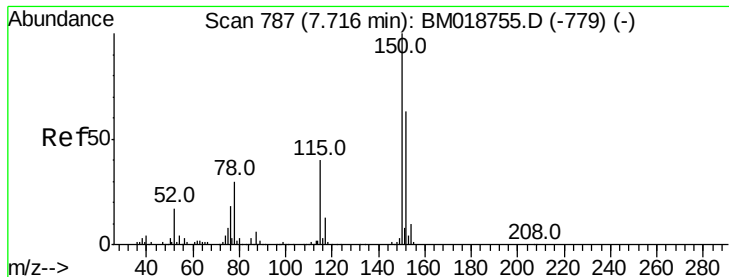
Manual Integrations
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 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	987684	92.127	nq	97
43) 2,4,6-Trichlorophenol	12.79	196	657940	47.397	nq	99
44) 2,4,5-Trichlorophenol	12.86	196	726369	49.923	nq	99
46) 1,1'-Biphenyl	13.19	154	2437271	43.195	nq	99
47) 2-Chloronaphthalene	13.23	162	1885419	43.262	nq	99
48) 2-Nitroaniline	13.46	65	683269	47.206	nq	98
49) Acenaphthylene	14.09	152	3157870	48.662	nq	100
50) Dimethylphthalate	13.83	163	2534927	46.402	nq	99
51) 2,6-Dinitrotoluene	13.96	165	561809	47.474	nq	99
52) Acenaphthene	14.43	154	1809351	45.471	nq	99
53) 3-Nitroaniline	14.29	138	224352	16.779	nq	94
54) 2,4-Dinitrophenol	14.50	184	445028	60.759	nq	98
55) Dibenzofuran	14.76	168	2981356	45.585	nq	100
56) 4-Nitrophenol	14.60	139	928962	87.031	nq	98
57) 2,4-Dinitrotoluene	14.74	165	811829	49.790	nq	100
58) Fluorene	15.42	166	2468589	49.337	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	653229	50.793	nq	99
60) Diethylphthalate	15.19	149	2660020	47.203	nq	99
61) 4-Chlorophenyl-phenylether	15.41	204	1221999	43.559	nq	97
62) 4-Nitroaniline	15.46	138	505323	38.549	nq	98
63) Azobenzene	15.70	77	2835847	46.934	nq	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	382501	35.920	nq	99
66) n-Nitrosodiphenylamine	15.63	169	2182210	45.540	nq	100
67) 4-Bromophenyl-phenylether	16.30	248	734380	43.258	nq	97
68) Hexachlorobenzene	16.41	284	852995	43.227	nq	98
69) Atrazine	16.59	200	787970	51.007	nq	100
70) Pentachlorophenol	16.76	266	1134436	89.286	nq	99
71) Phenanthrene	17.16	178	3932684	48.248	nq	99
72) Anthracene	17.24	178	4040264	50.926	nq	99
73) Carbazole	17.53	167	3817299	46.055	nq	100
74) Di-n-butylphthalate	18.08	149	4684200	49.139	nq	100
75) Fluoranthene	19.17	202	4725333	50.188	nq	98
77) Benzidine	19.37	184	1373326	35.542	nq	99
78) Pyrene	19.54	202	4842283	48.595	nq	100
80) Butylbenzylphthalate	20.44	149	2355442	51.868	nq	99
81) Benzo(a)anthracene	21.29	228	4964620	49.641	nq	99
82) 3,3'-Dichlorobenzidine	21.23	252	854039	21.607	nq	98
83) Chrysene	21.34	228	4596229	47.948	nq	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	3369526	50.696	nq	100
85) Di-n-octyl phthalate	22.10	149	5902774	52.840	nq	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	4938481	44.622	nq	99
88) Benzo(b)fluoranthene	22.89	252	5073181	52.704	nq	100
89) Benzo(k)fluoranthene	22.93	252	4806379	50.155	nq	100
90) Benzo(a)pyrene	23.47	252	4648862	50.981	nq	99
91) Dibenzo(a,h)anthracene	25.87	278	4266511	47.225	nq	99
92) Benzo(g,h,i)perylene	26.57	276	3869948	46.012	nq	99

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



#1

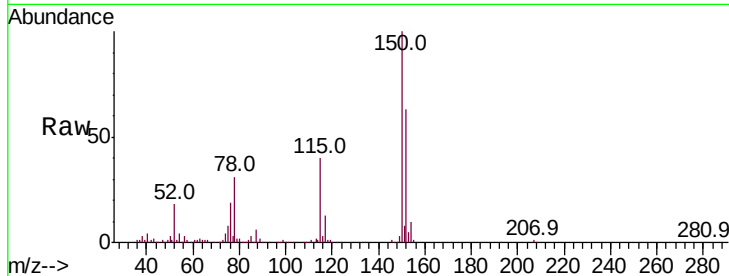
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.3	190.9
115	64.2	50.8	76.2

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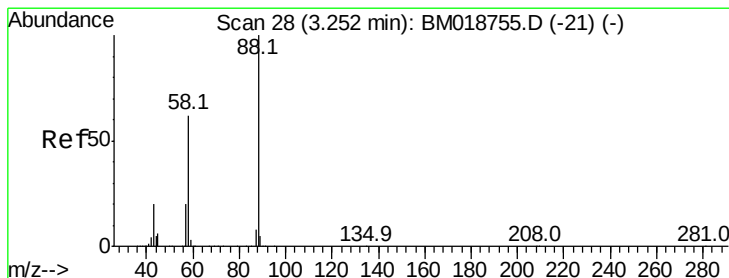
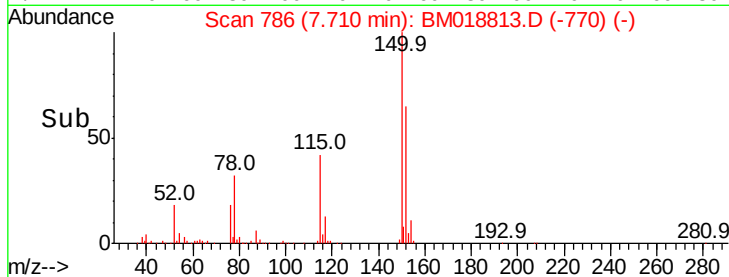
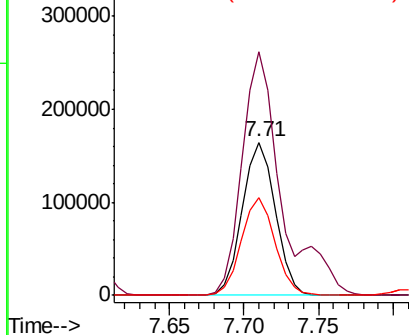


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

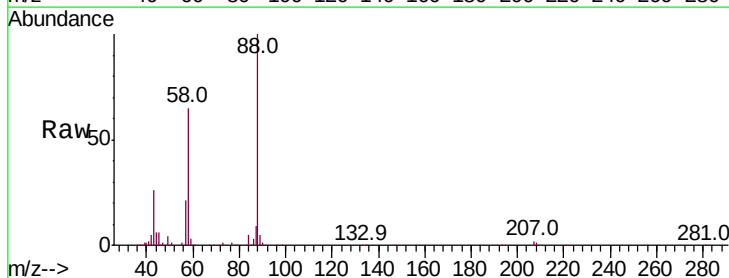
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.638 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	49.8	74.6
43	21.4	16.7	25.1

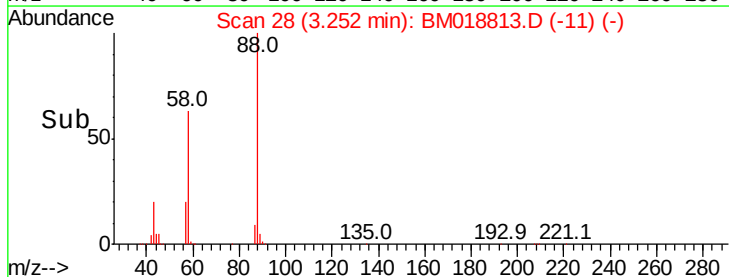
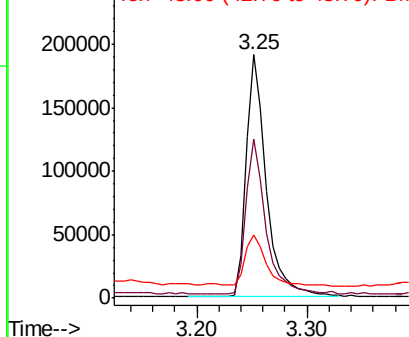


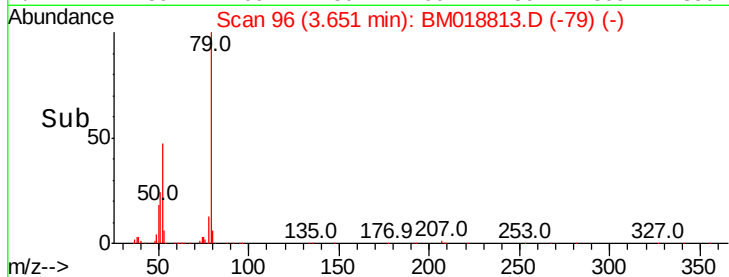
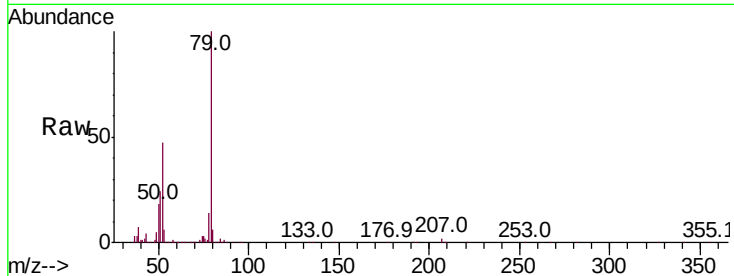
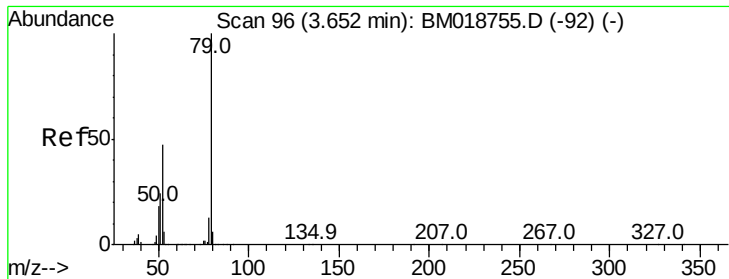
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 33.155 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		606829		
52	47.3	37.6	56.4		
51	24.3	19.7	29.5		

Instrument :

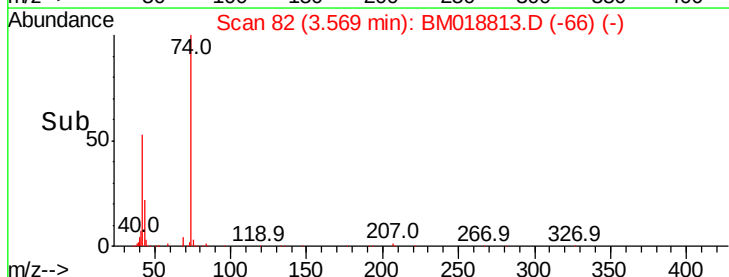
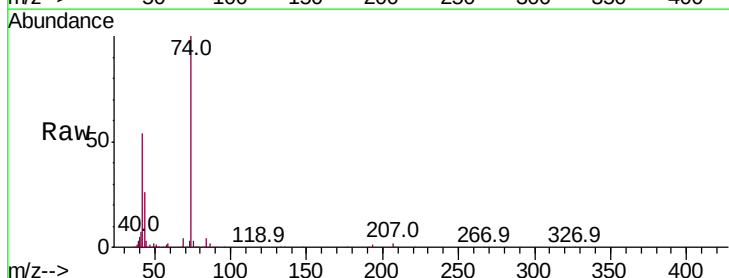
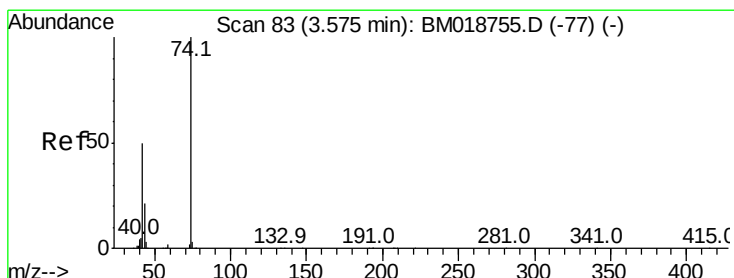
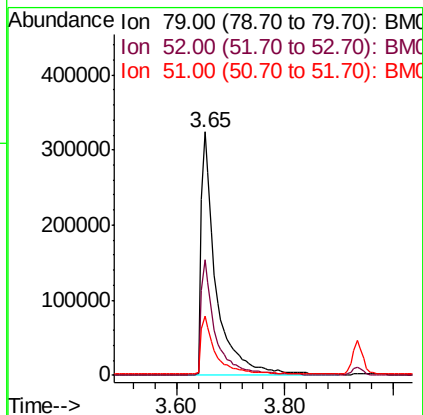
BNA_M

ClientSampleId :

IDW-LIQUID-01MSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.347 ng

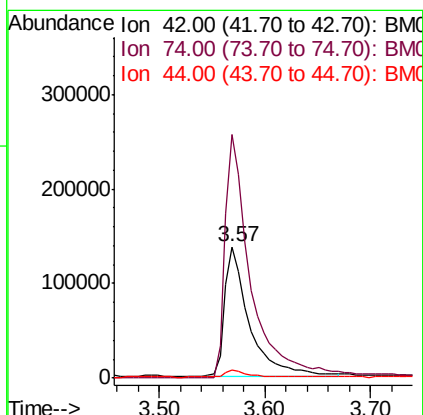
RT: 3.57 min Scan# 82

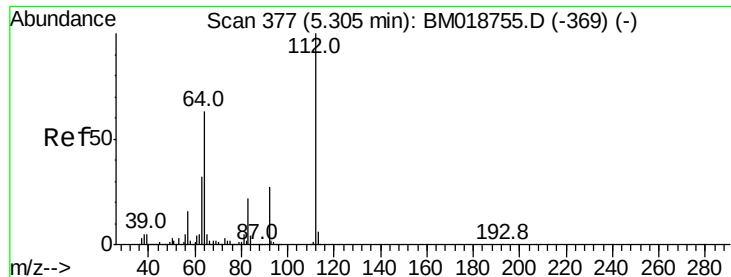
Delta R.T. -0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		225110		
74	185.9	158.1	237.1		
44	6.2	4.9	7.3		





#5

2-Fluorophenol

Concen: 147.105 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

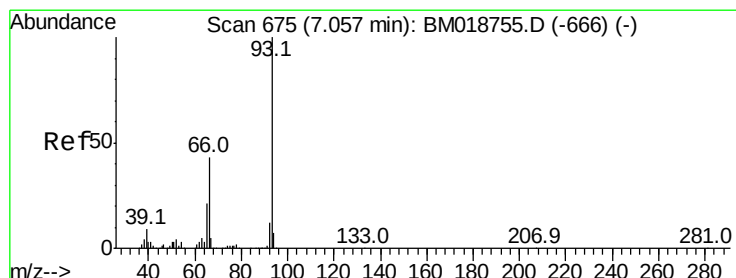
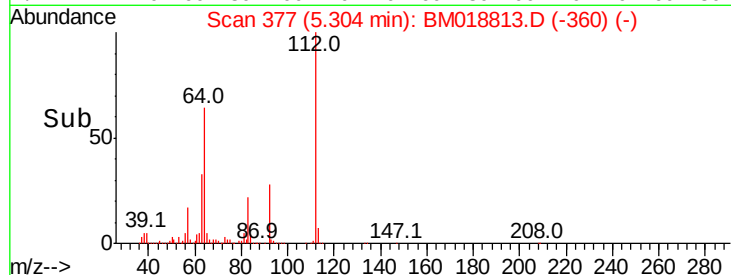
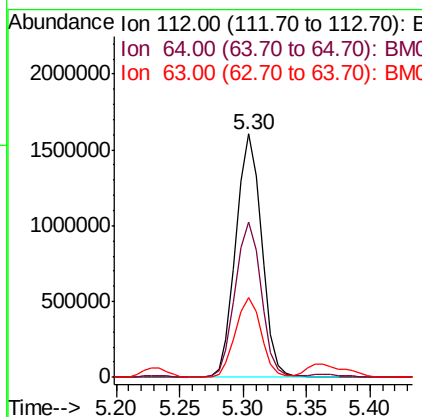
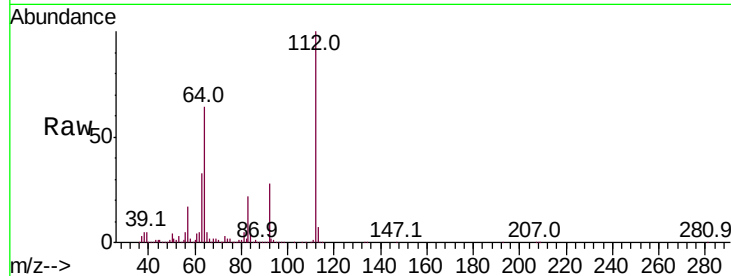
ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion:	112	Resp:	2266266
Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.6	75.8
63	32.6	25.7	38.5

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#6

Aniline

Concen: 20.834 ng

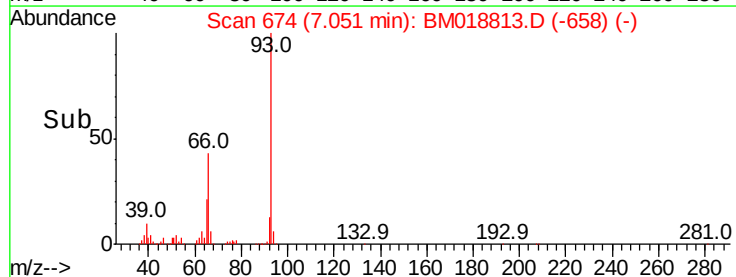
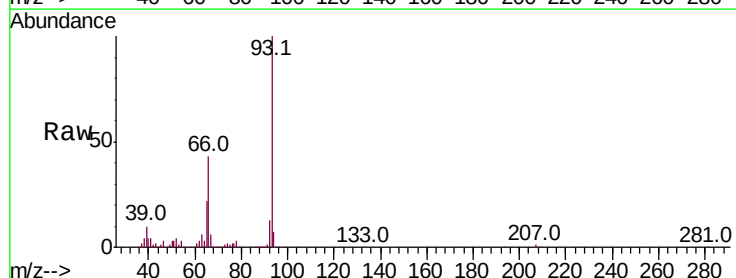
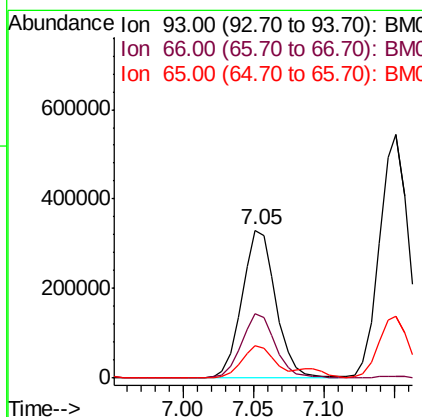
RT: 7.05 min Scan# 674

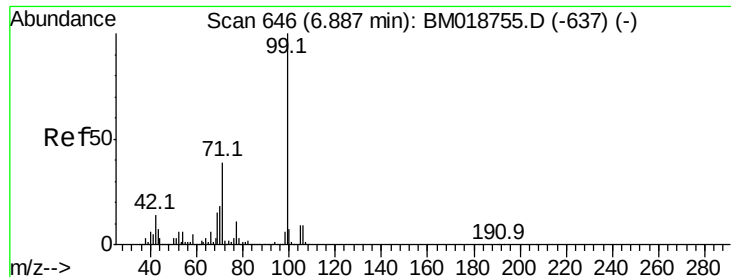
Delta R.T. -0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Tgt Ion:	93	Resp:	554007
Ion	Ratio	Lower	Upper
93	100		
66	43.4	34.1	51.1
65	21.6	16.6	24.8





#7

Phenol-d6

Concen: 137.648 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion: 99 Resp: 2987361

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

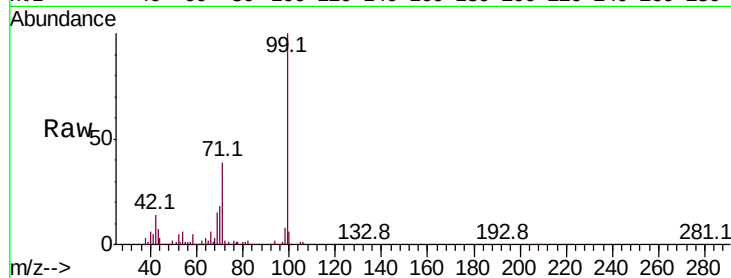
71 38.7 31.3 46.9

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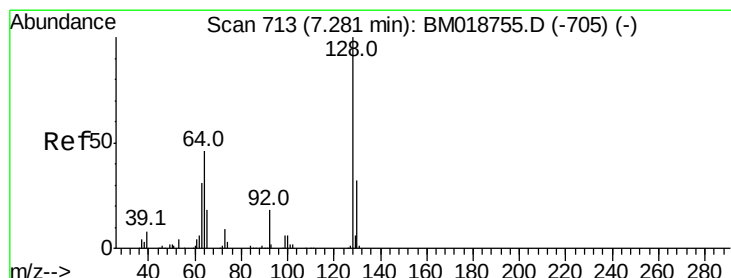
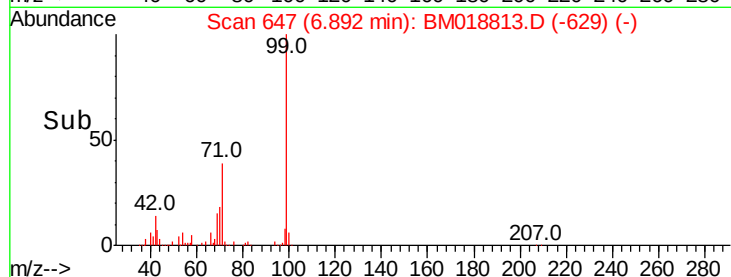
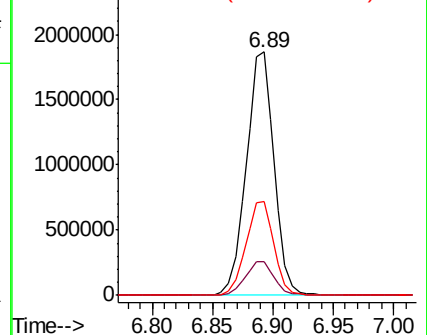
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Abundance Ion 99.00 (98.70 to 99.70): BM018813.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018813.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018813.D (-629) (-)



#8

2-Chlorophenol

Concen: 47.798 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

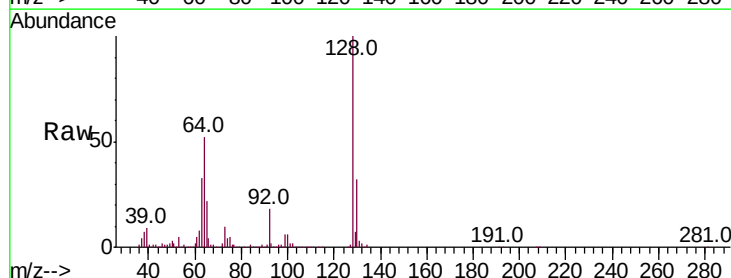
Tgt Ion: 128 Resp: 808463

Ion Ratio Lower Upper

128 100

130 32.0 11.7 51.7

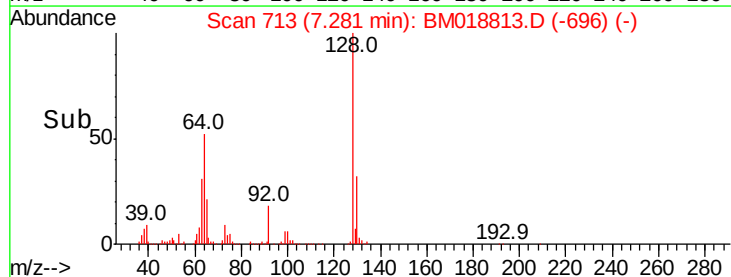
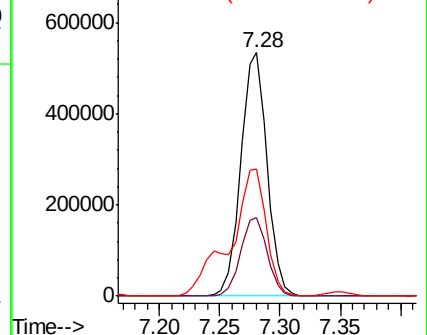
64 52.4 31.0 71.0

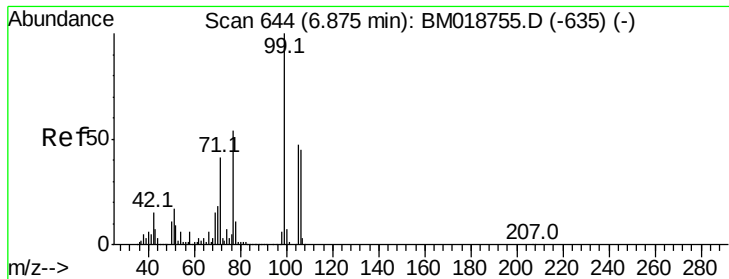


Abundance Ion 128.00 (127.70 to 128.70): BM018813.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018813.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018813.D (-696) (-)





#9

Benzaldehyde

Concen: 42.502 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

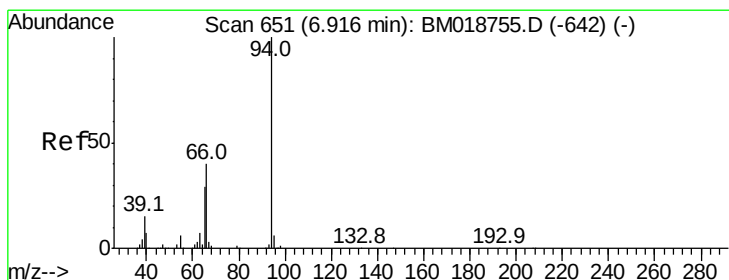
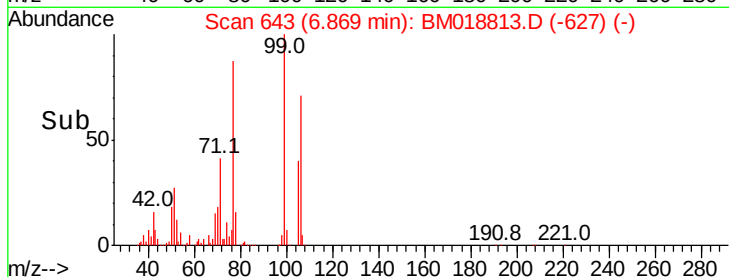
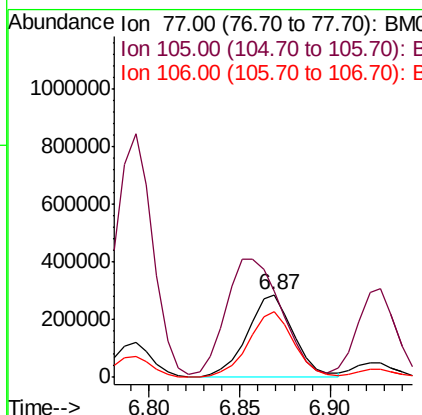
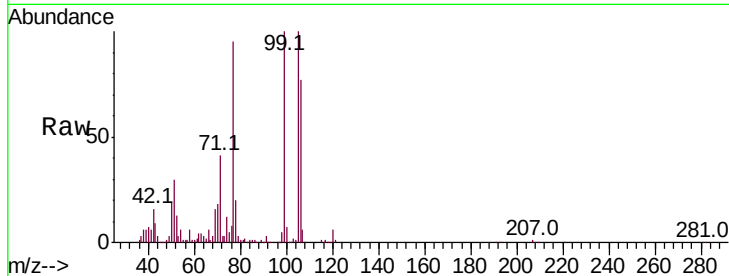
ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.0	67.3	107.3
106	80.5	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 44.463 ng

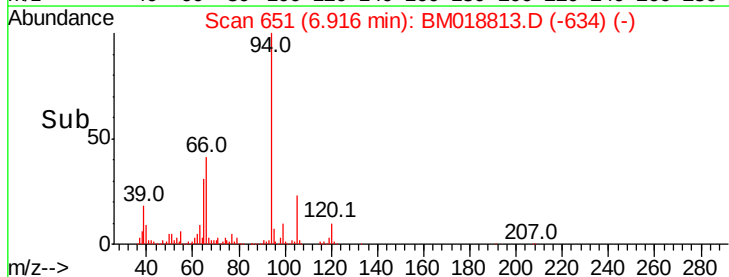
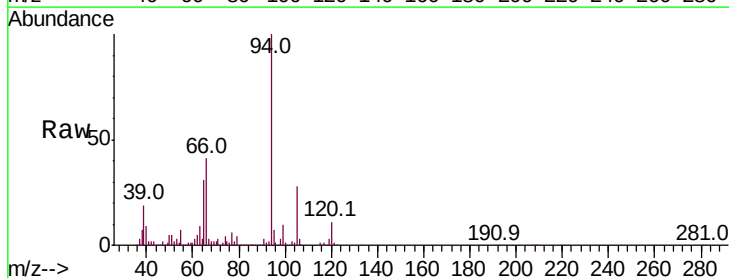
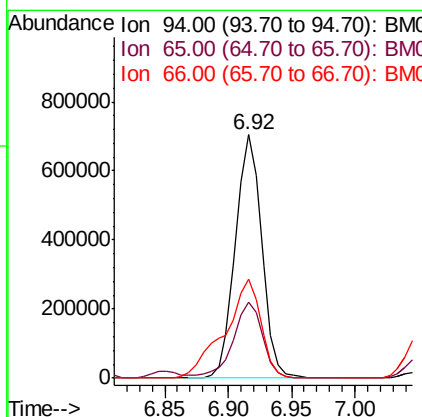
RT: 6.92 min Scan# 651

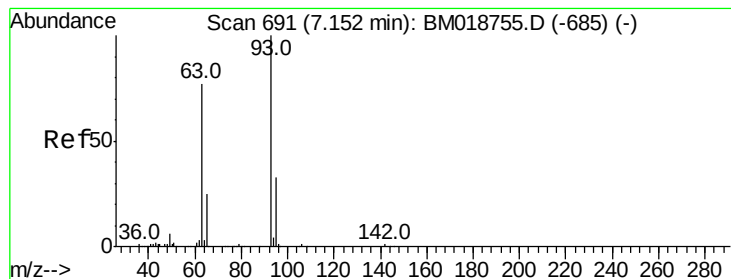
Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.6	49.6
66	40.6	20.4	60.4





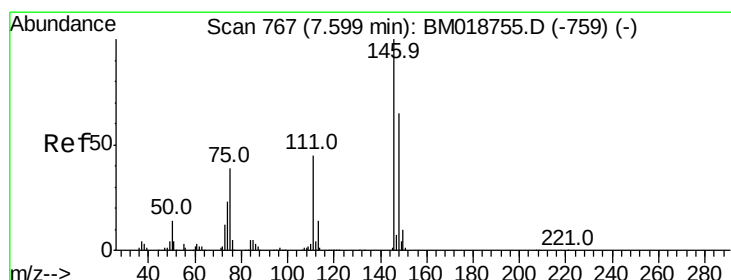
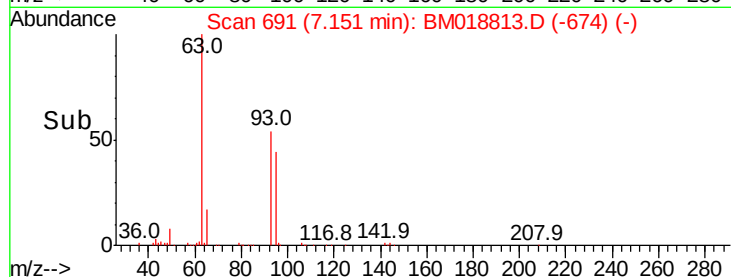
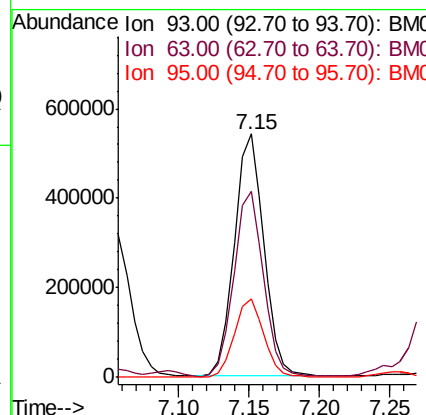
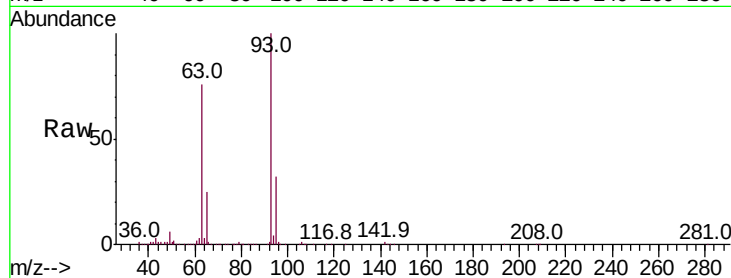
#11
bis(2-Chloroethyl)ether
Concen: 44.949 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	76.5	57.0	97.0
95	32.1	12.4	52.4

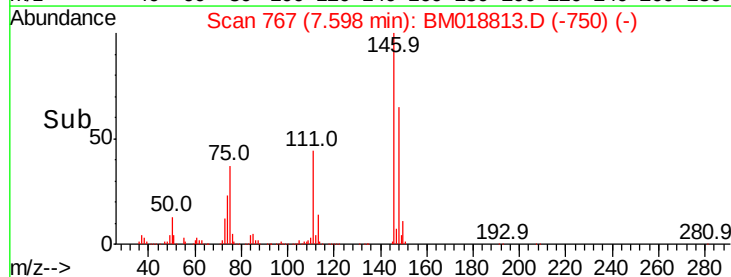
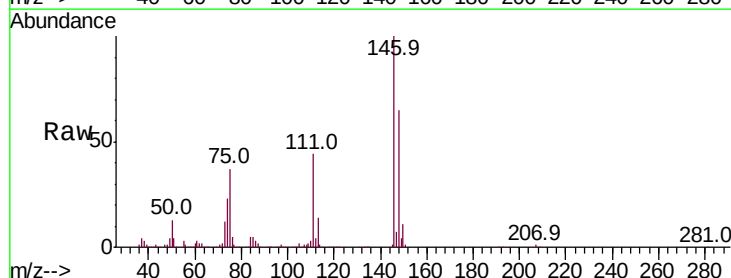
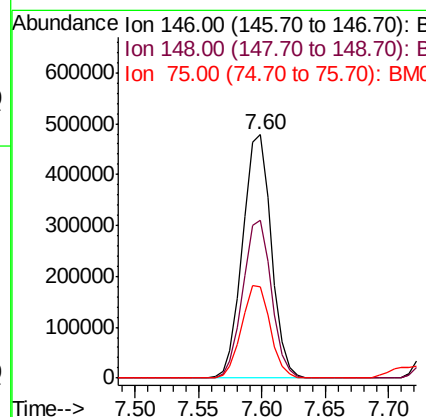
Manual Integrations
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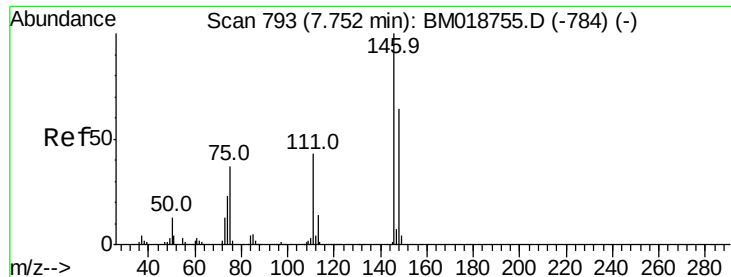
Sohil
2/14/2019 1:50:38 PM



#12
1,3-Dichlorobenzene
Concen: 39.459 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.0	51.7	77.5
75	37.4	31.3	46.9





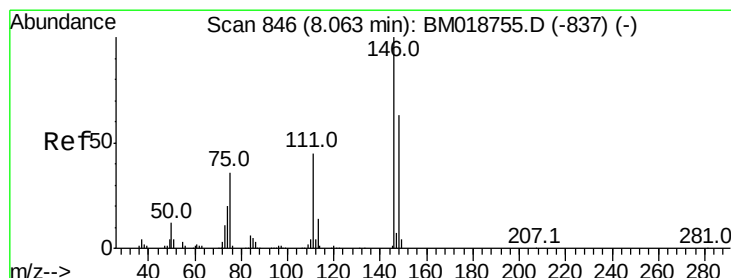
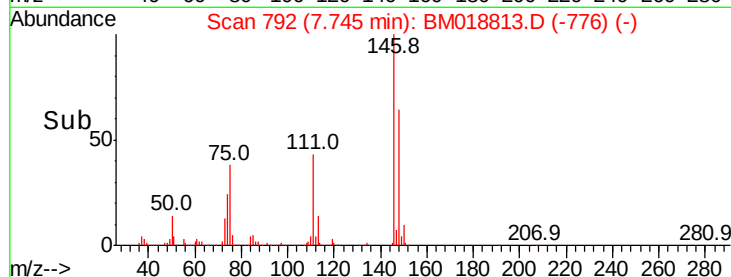
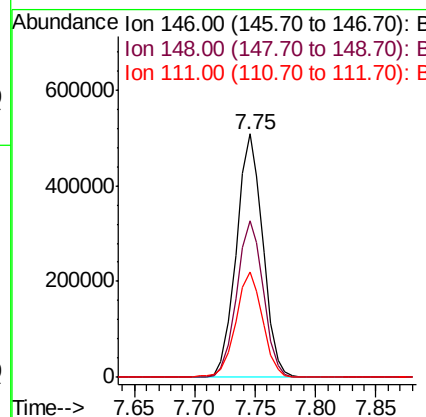
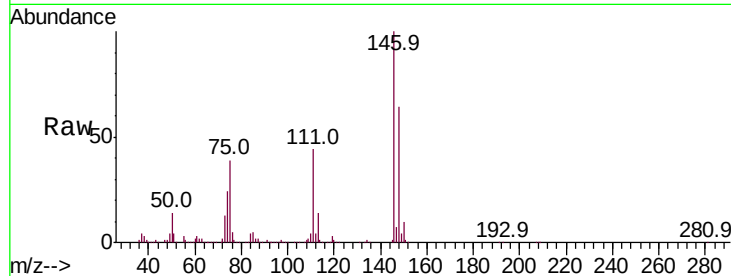
#13
 1,4-Dichlorobenzene
 Concen: 39.941 ng
 RT: 7.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
111	43.5	34.6	52.0

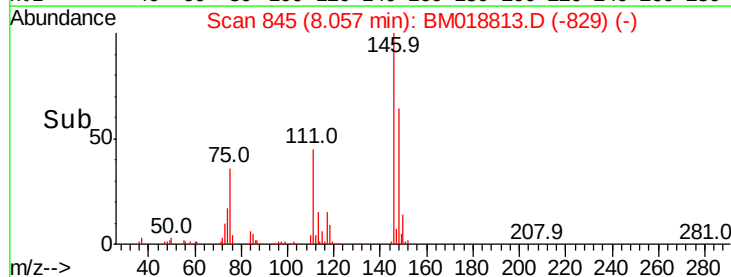
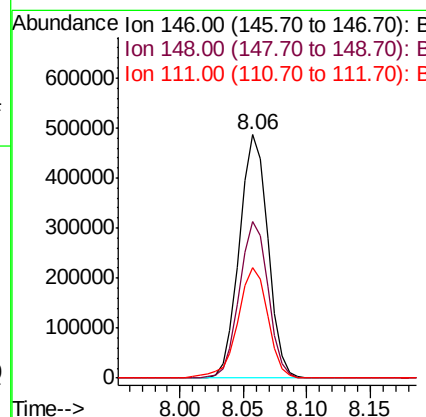
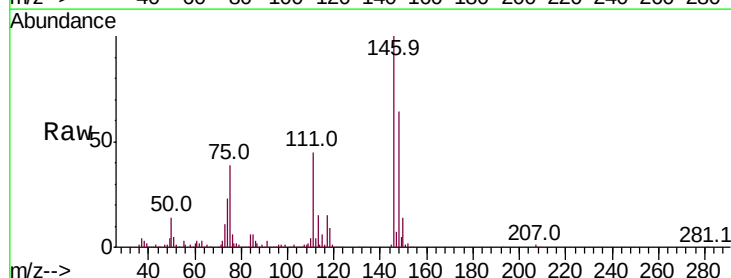
Manual Integrations
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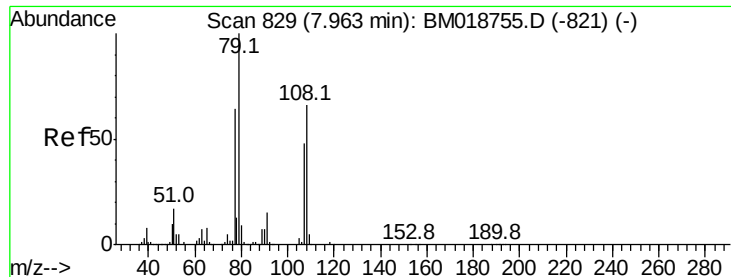
Sohil
 2/14/2019 1:50:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.637 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	45.5	35.9	53.9





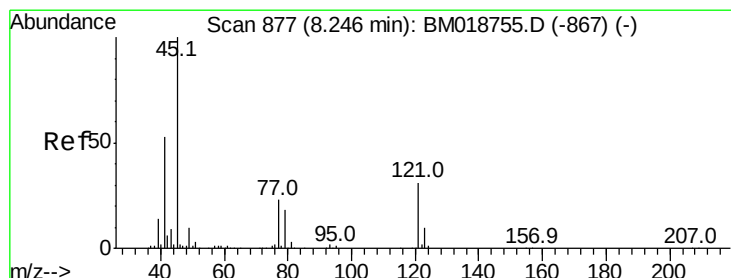
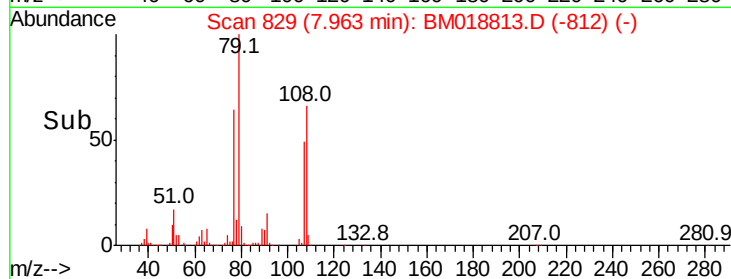
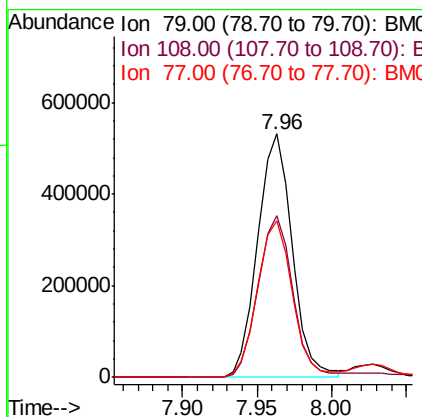
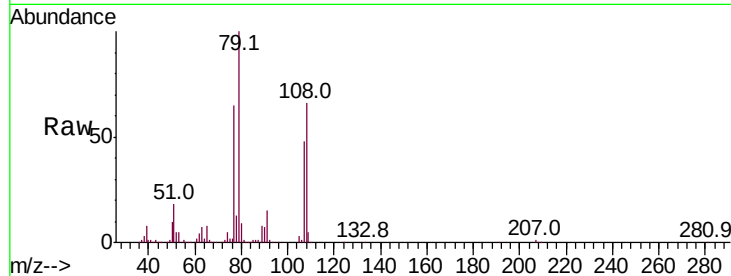
#15
Benzyl Alcohol
Concen: 49.343 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.3	52.7	79.1
77	64.5	51.0	76.4

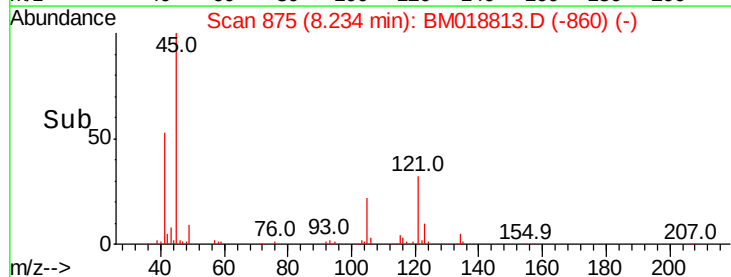
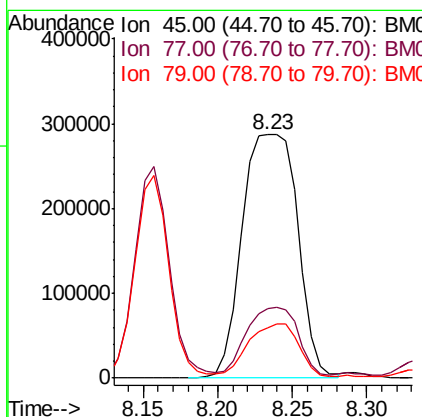
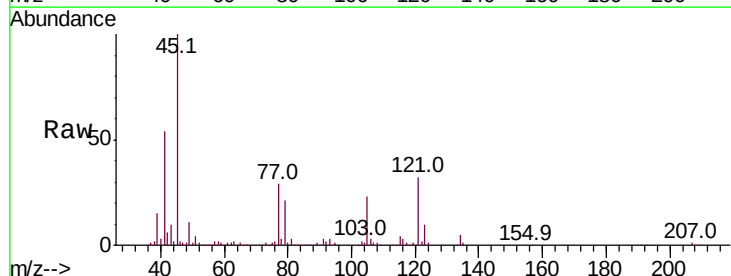
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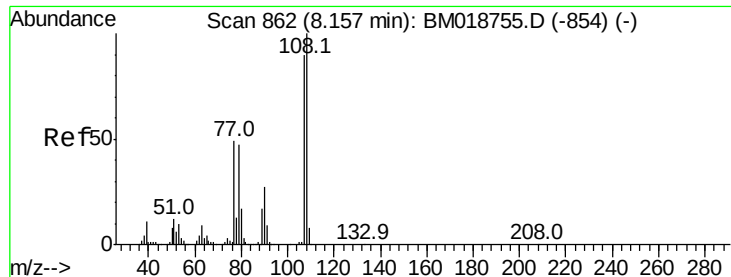
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.851 ng
RT: 8.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.6	5.0	45.0
79	20.6	0.0	39.3





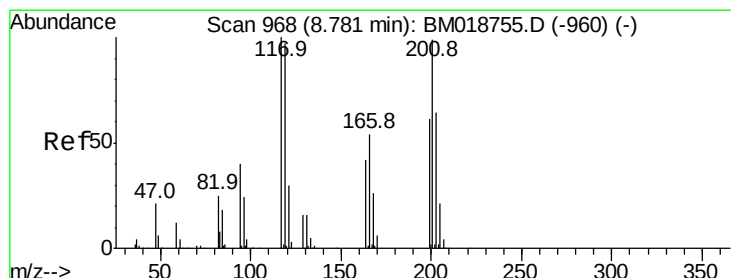
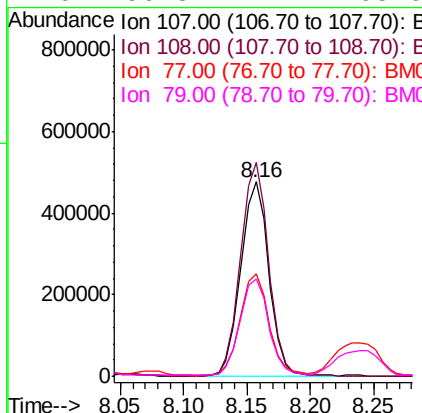
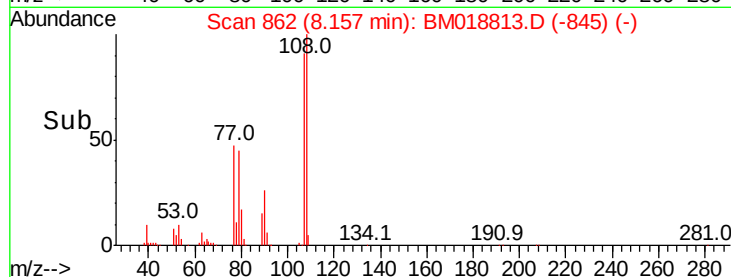
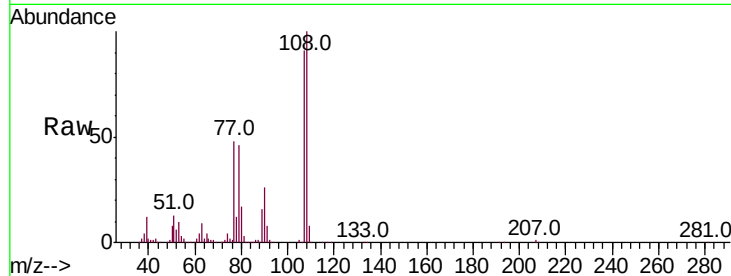
#17
2-Methylphenol
Concen: 50.174 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	88.8	133.2	
77	52.6	44.0	66.0	
79	50.3	42.4	63.6	

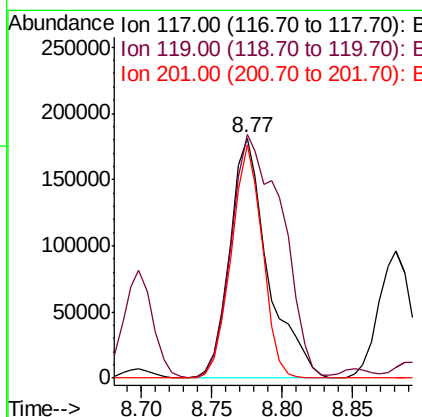
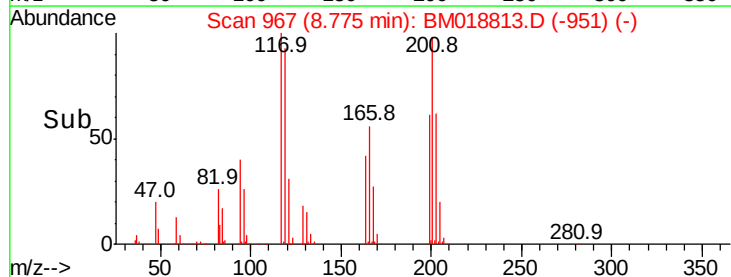
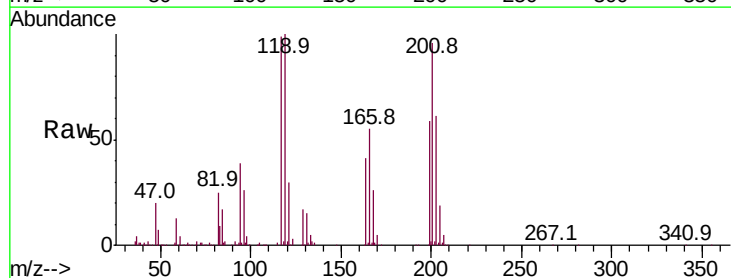
Manual Integrations
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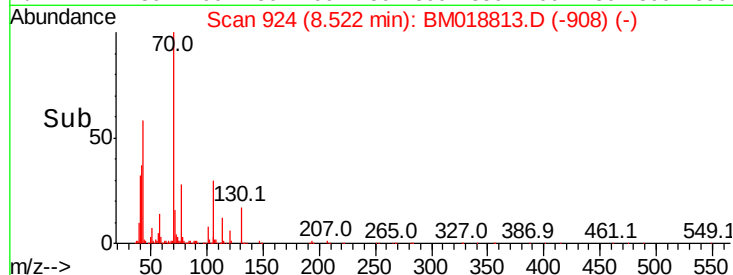
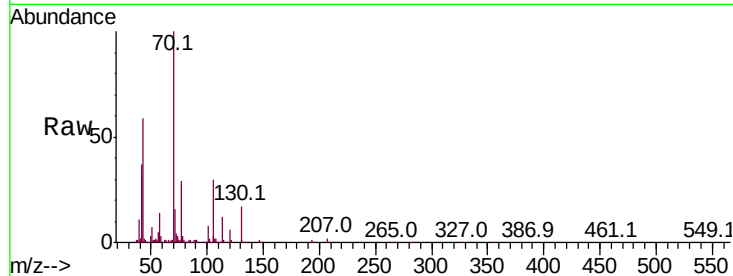
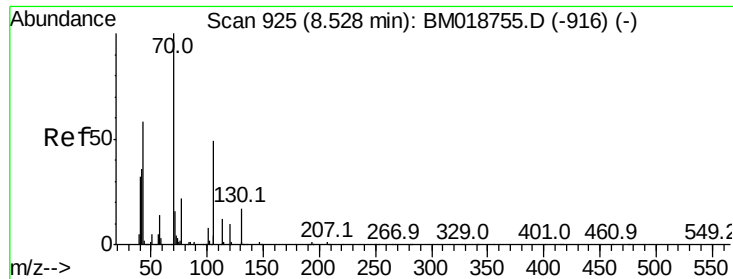
Sohil
2/14/2019 1:50:38 PM



#18
Hexachloroethane
Concen: 48.422 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.4	77.9	116.9	
201	97.3	79.2	118.8	





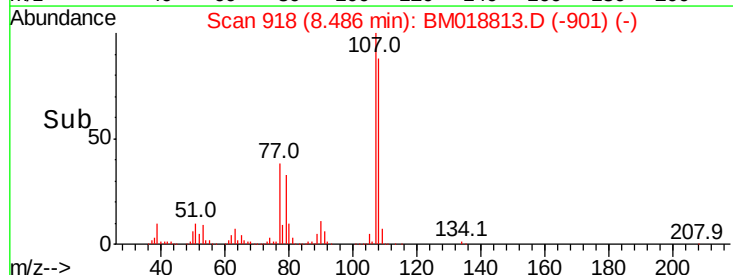
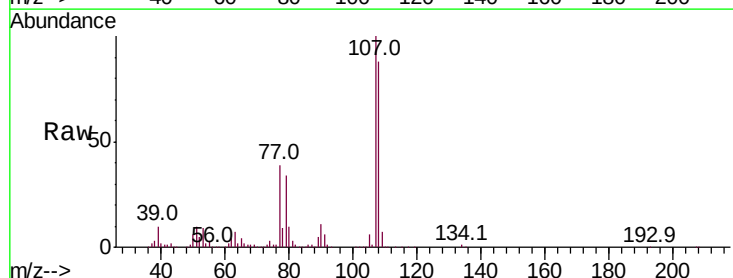
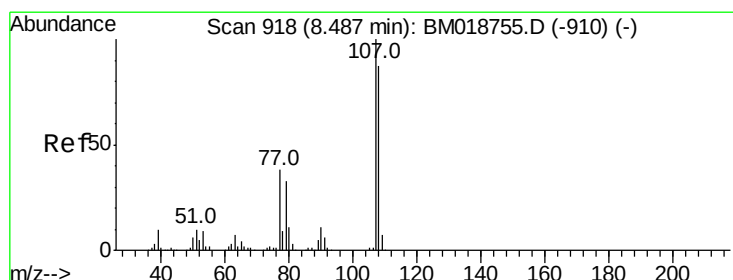
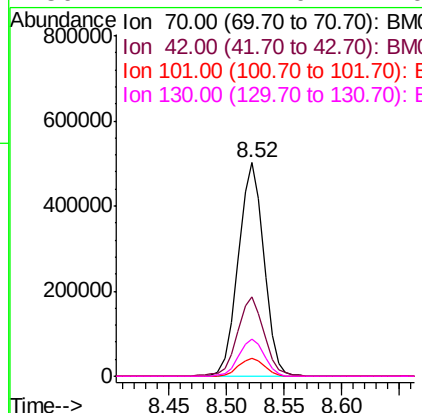
#19
n-Nitroso-di-n-propylamine
Concen: 45.925 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	36.9	29.4	44.0
101	8.5	6.7	10.1
130	17.1	14.0	21.0

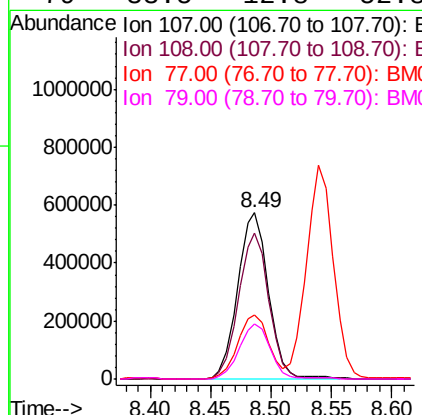
Manual Integrations
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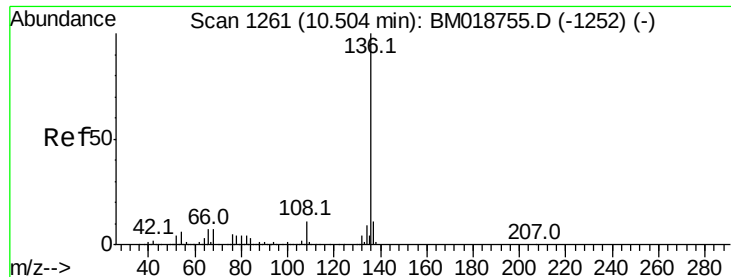
Sohil
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#20
3+4-Methylphenols
Concen: 50.848 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	67.3	107.3
77	38.8	18.0	58.0
79	33.5	12.8	52.8





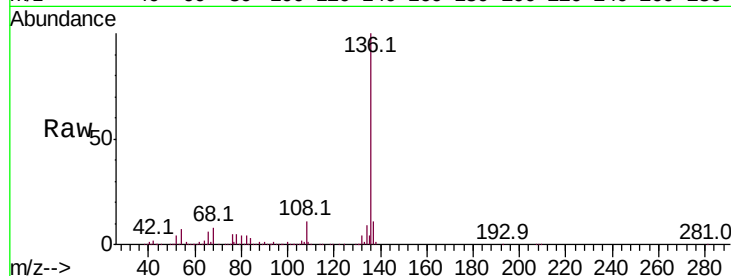
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.9	5.0	7.6
68	7.7	5.5	8.3

Manual Integrations
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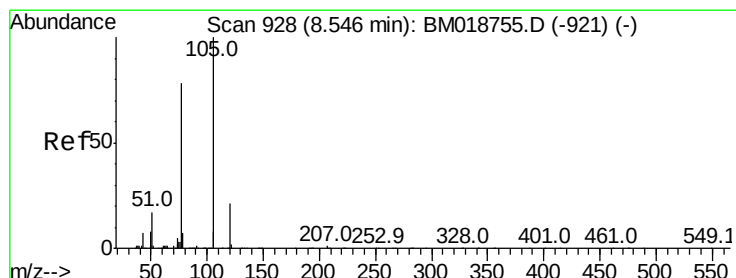
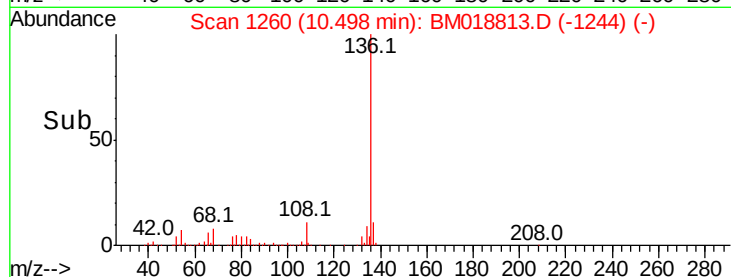
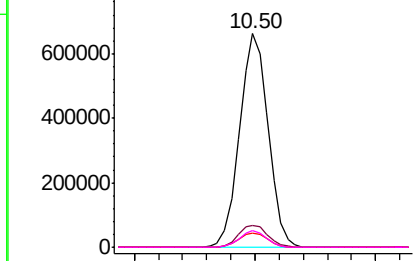
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 43.187 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.1	1.7#
51	20.0	15.5	23.3
120	21.1	17.0	25.4

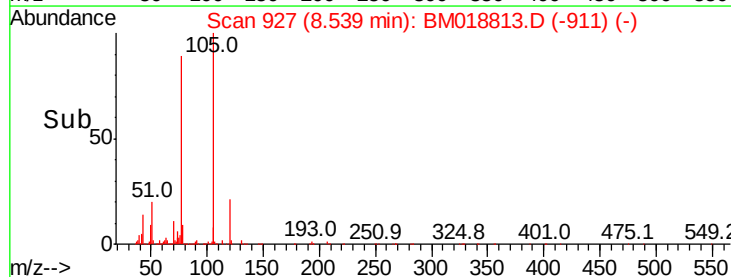
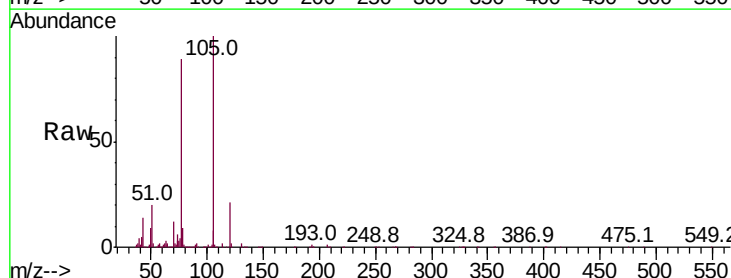
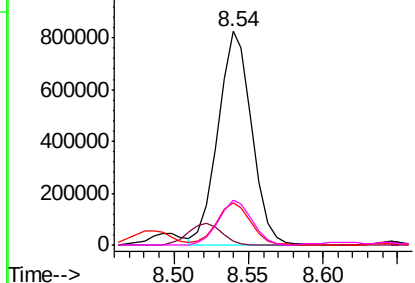
Abundance

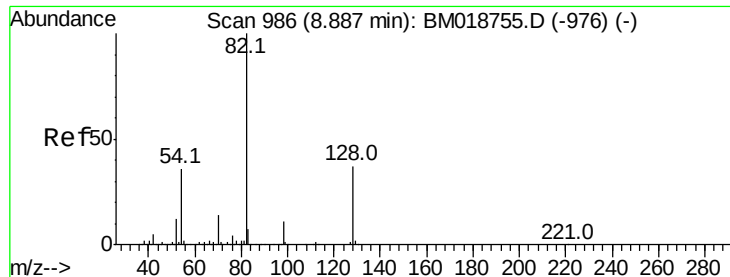
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





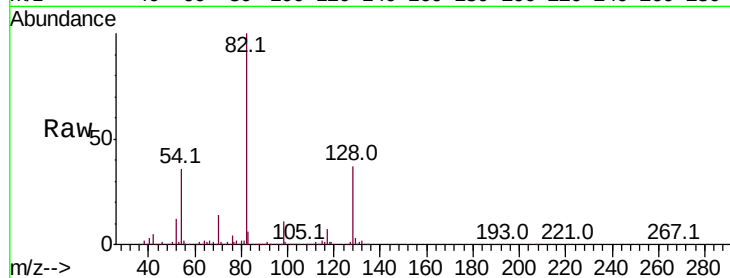
#23
Nitrobenzene-d5
Concen: 97.618 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.9	44.9
54	36.5	29.1	43.7

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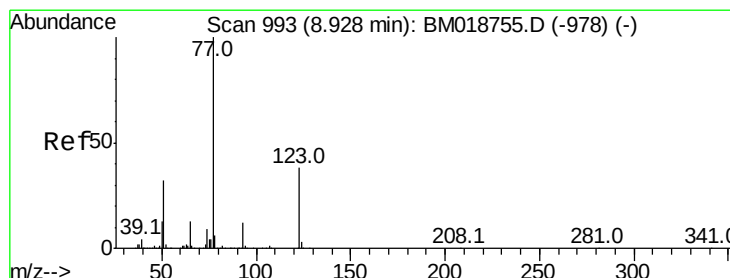
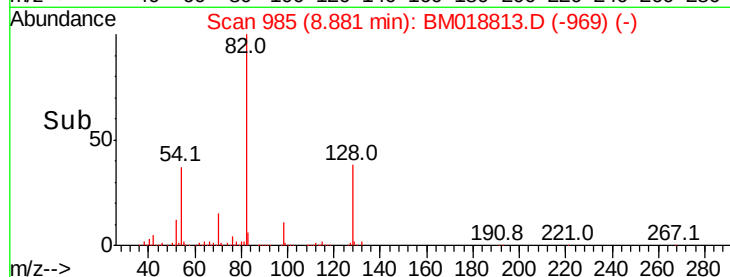
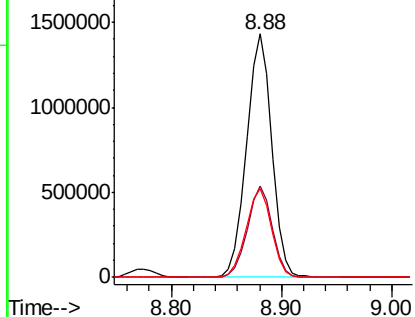


Abundance

Ion 82.00 (81.70 to 82.70): BM018813.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018813.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018813.D (-969) (-)



#24
Nitrobenzene
Concen: 46.009 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

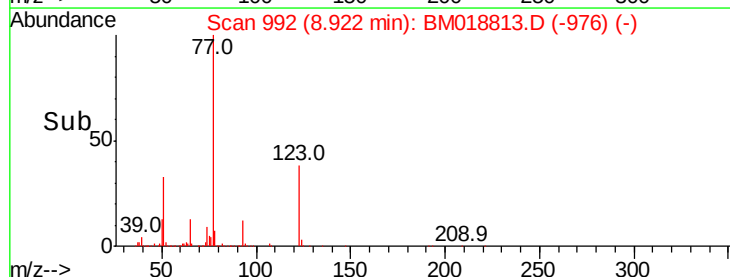
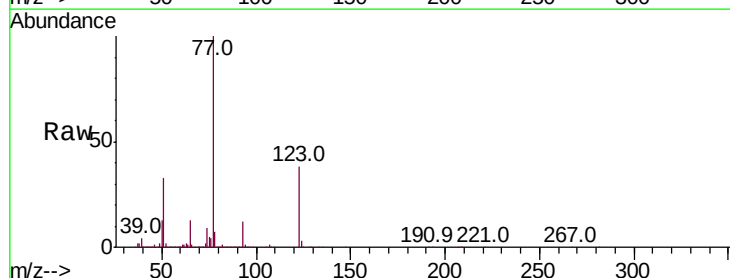
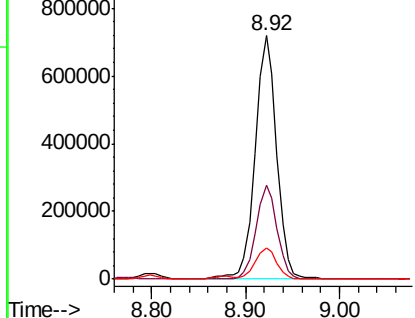
Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	30.7	46.1
65	13.0	10.5	15.7

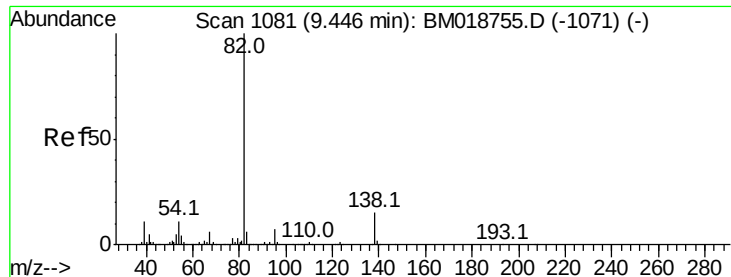
Abundance

Ion 77.00 (76.70 to 77.70): BM018813.D (-976) (-)

Ion 123.00 (122.70 to 123.70): BM018813.D (-976) (-)

Ion 65.00 (64.70 to 65.70): BM018813.D (-976) (-)





#25

Isophorone

Concen: 52.241 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion: 82 Resp: 1968597

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

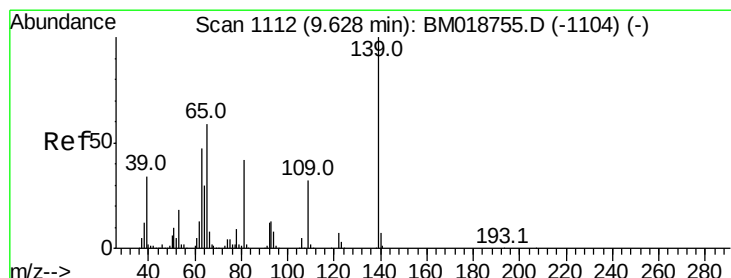
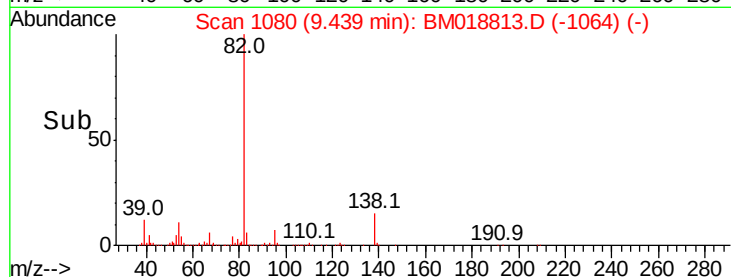
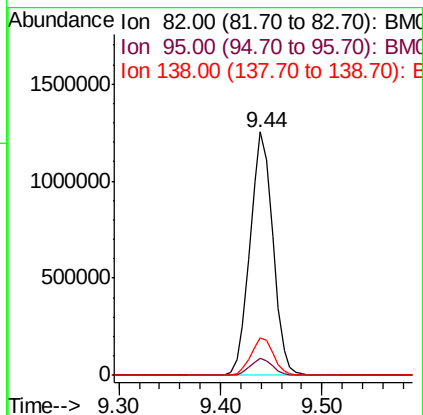
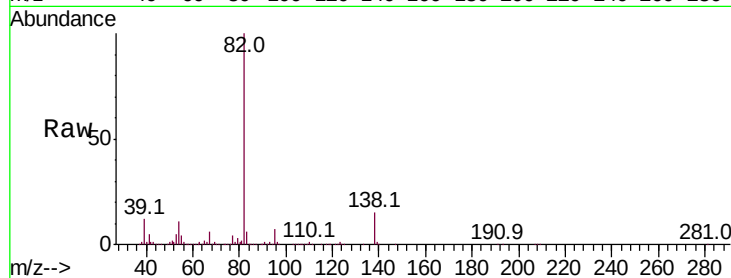
138 15.5 12.3 18.5

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.875 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

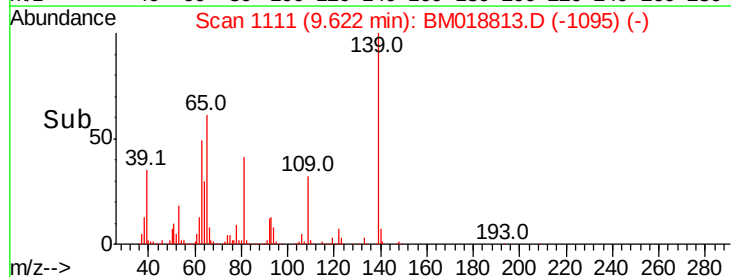
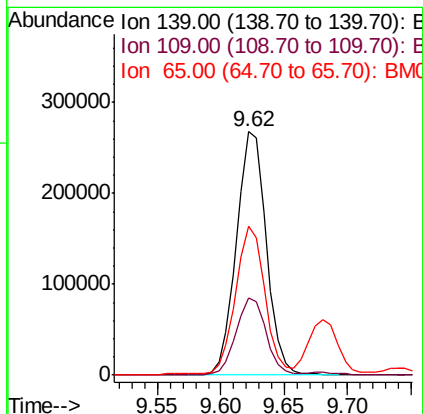
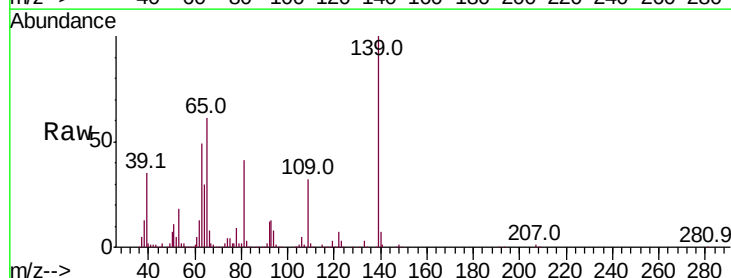
Tgt Ion: 139 Resp: 438090

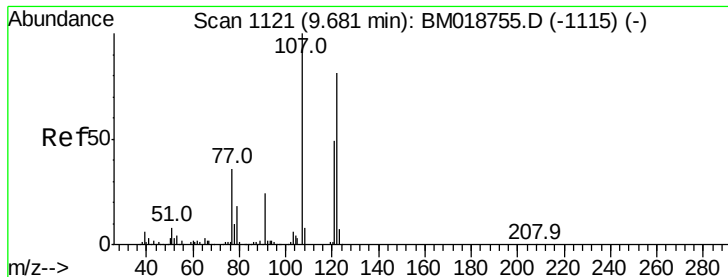
Ion Ratio Lower Upper

139 100

109 31.8 25.2 37.8

65 61.1 47.0 70.4





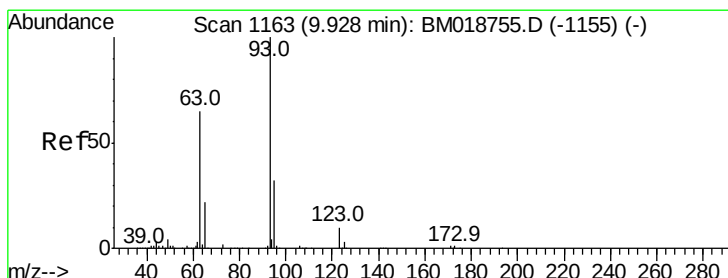
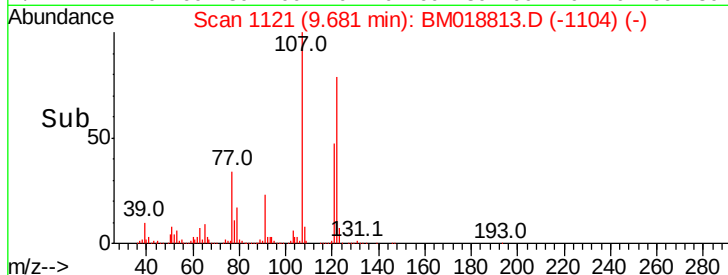
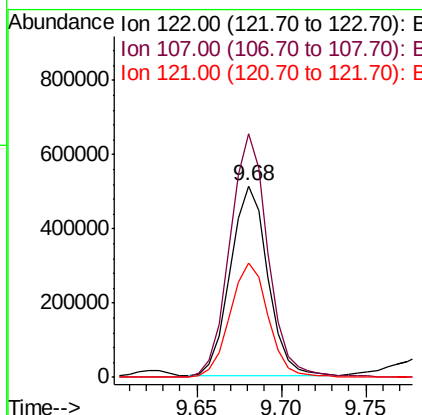
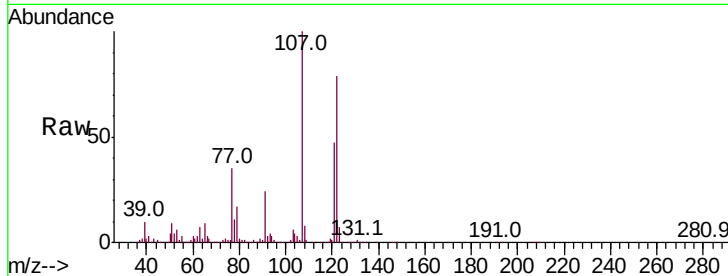
#27
2,4-Dimethylphenol
Concen: 55.647 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.2	97.6	146.4
121	59.8	47.9	71.9

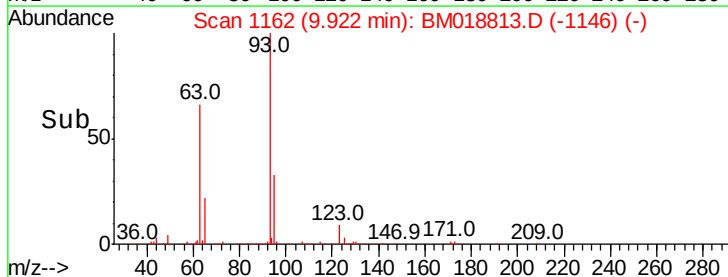
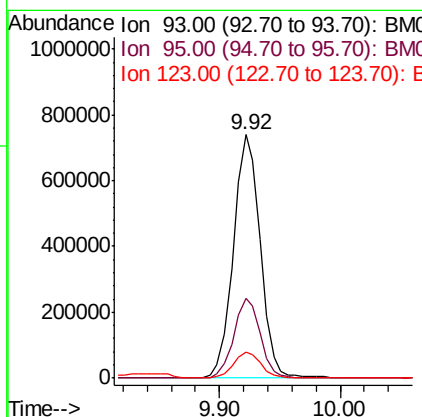
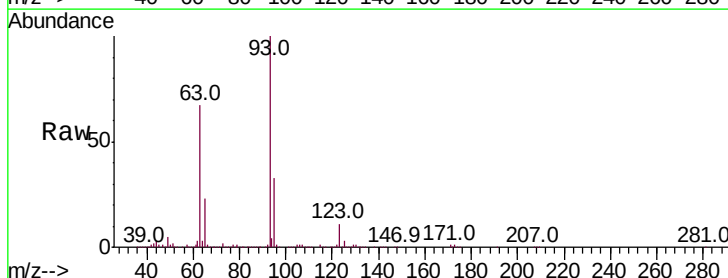
Manual Integrations
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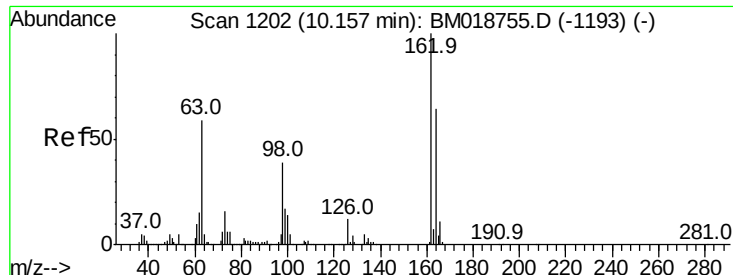
Sohil
2/14/2019 1:50:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.030 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.6	38.4
123	10.6	8.2	12.4





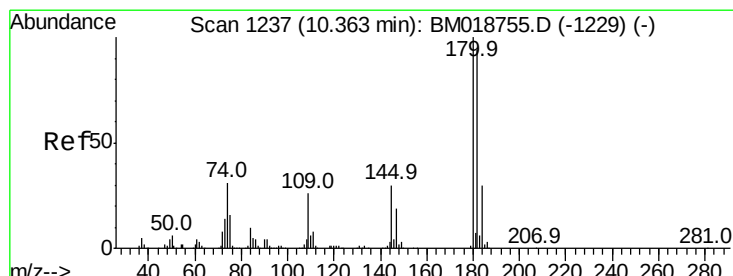
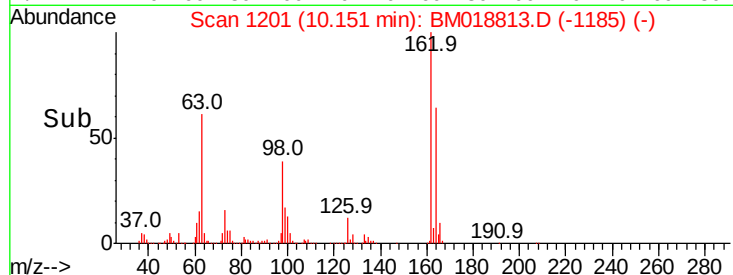
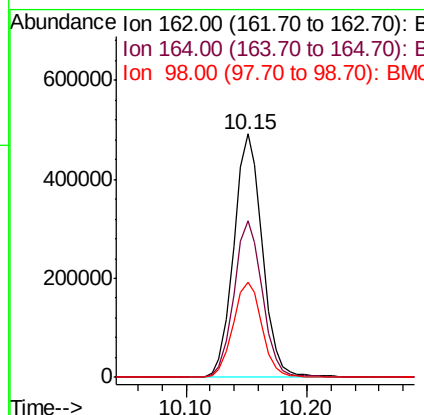
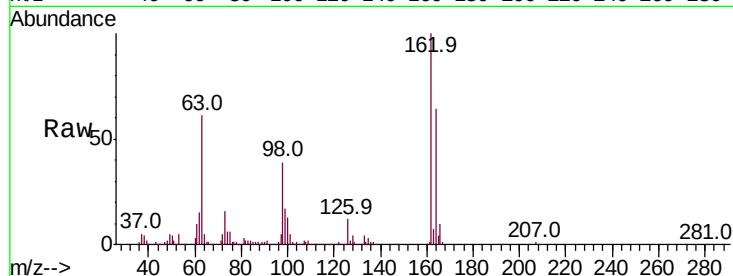
#29
2,4-Dichlorophenol
Concen: 49.327 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.2	44.1	84.1
98	38.9	19.4	59.4

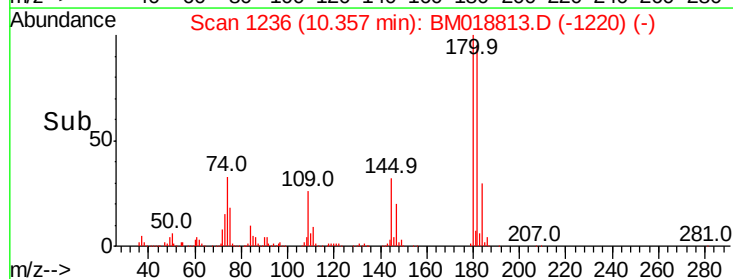
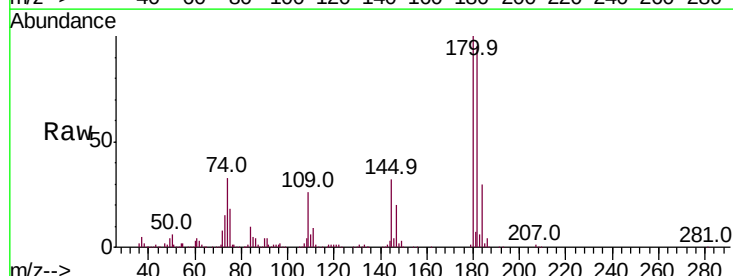
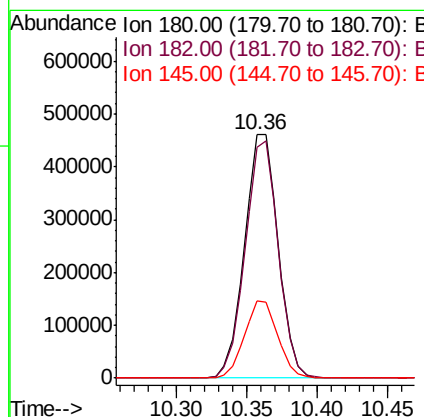
Manual Integrations
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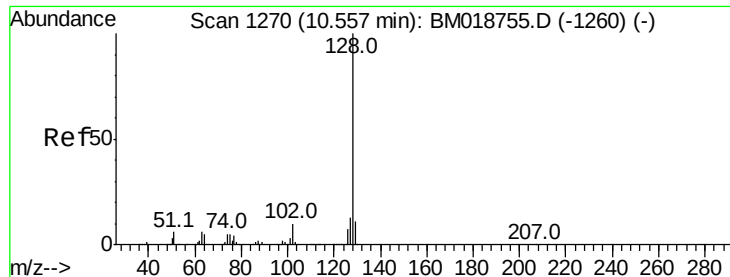
Sohil
2/14/2019 1:50:38 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.748 ng
RT: 10.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	75.0	112.6
145	31.6	24.1	36.1





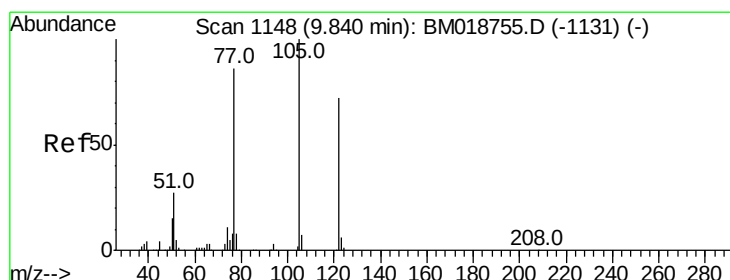
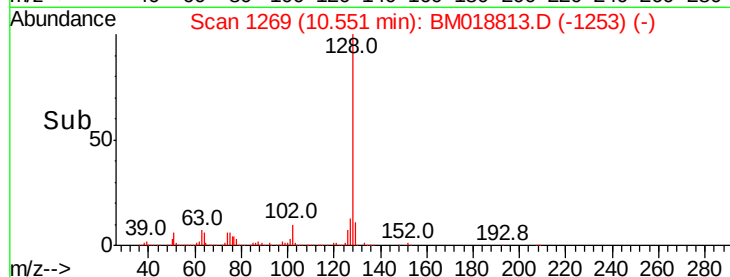
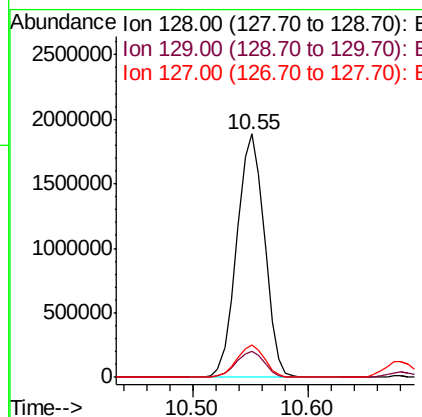
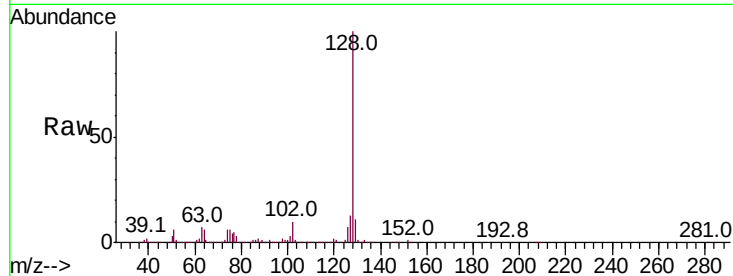
#31
Naphthalene
Concen: 58.867 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.2	10.7	16.1

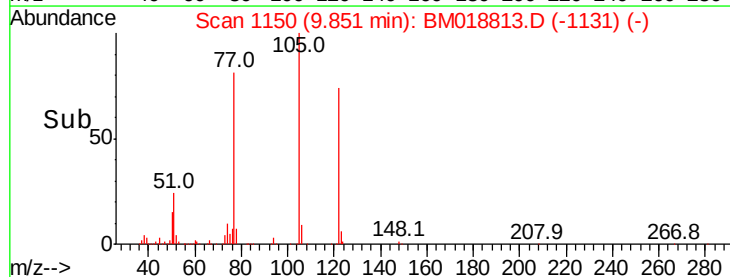
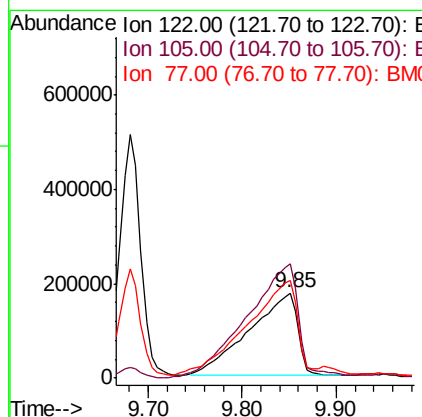
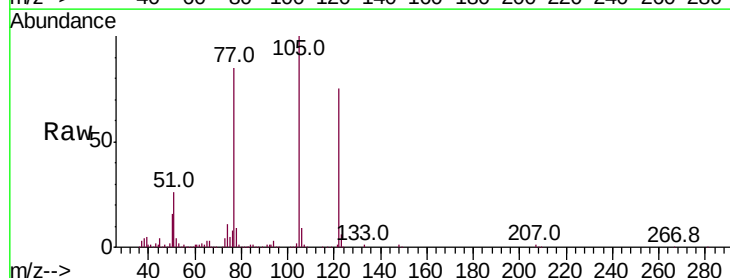
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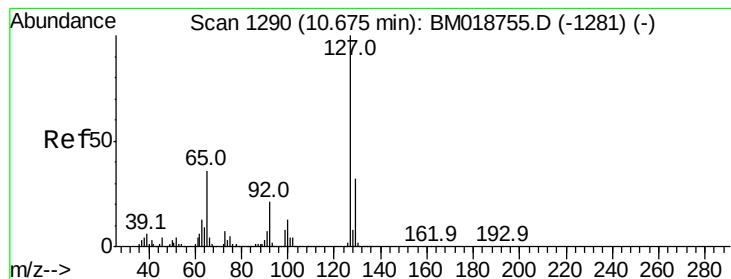
Sohil
2/14/2019 1:50:38 PM



#32
Benzoic acid
Concen: 50.623 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.8	117.5	157.5
77	114.0	98.5	138.5





#33

4-Chloroaniline

Concen: 9.751 ng

RT: 10.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

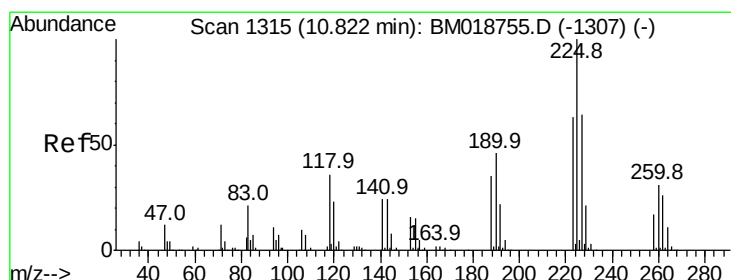
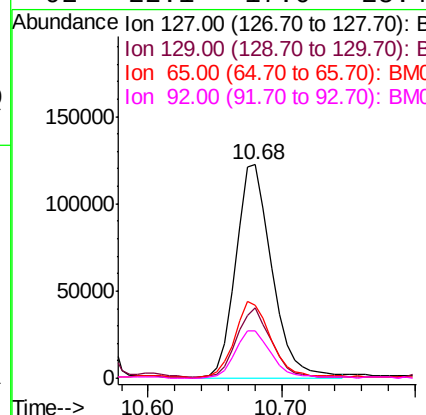
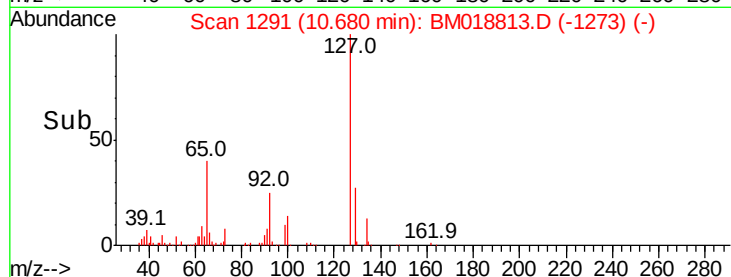
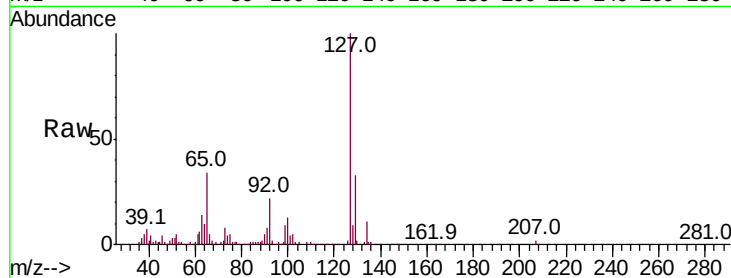
ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	25.7	38.5		
65	34.4	28.7	43.1		
92	22.1	17.0	25.4		

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 37.529 ng

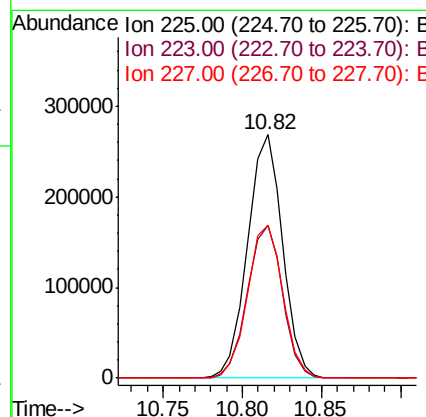
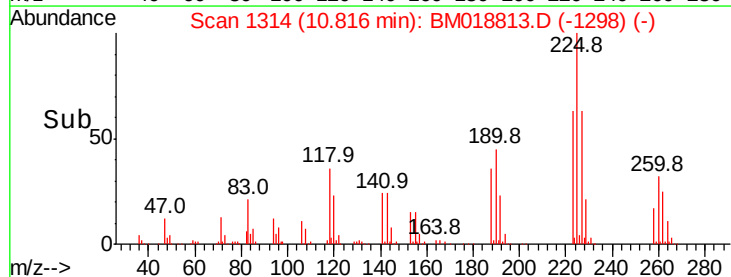
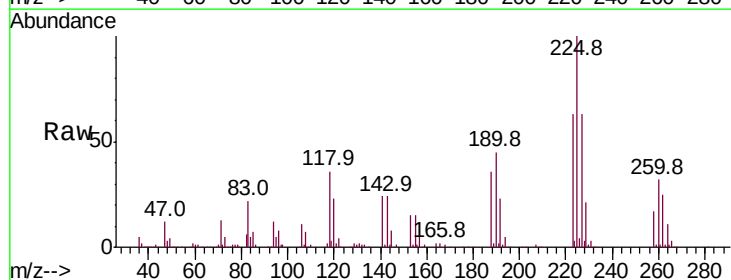
RT: 10.82 min Scan# 1314

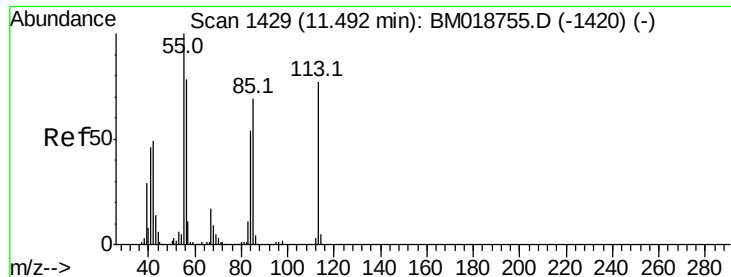
Delta R.T. -0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.1	75.1		
227	62.8	51.4	77.0		





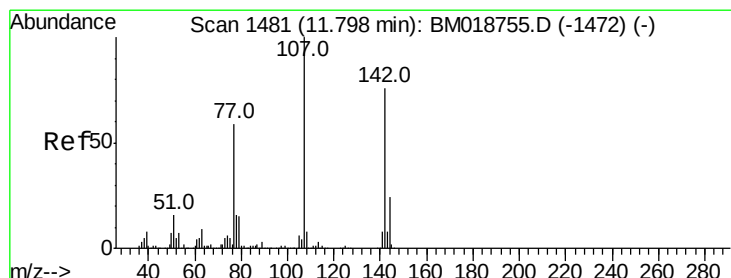
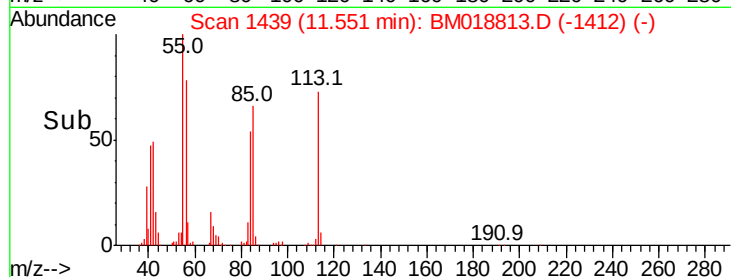
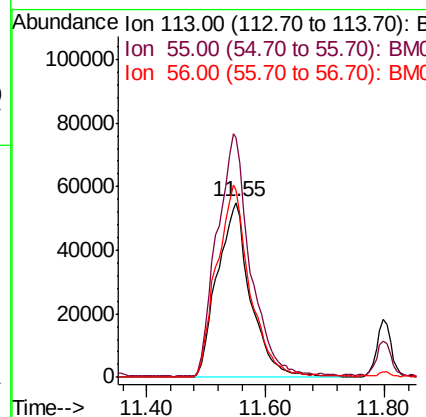
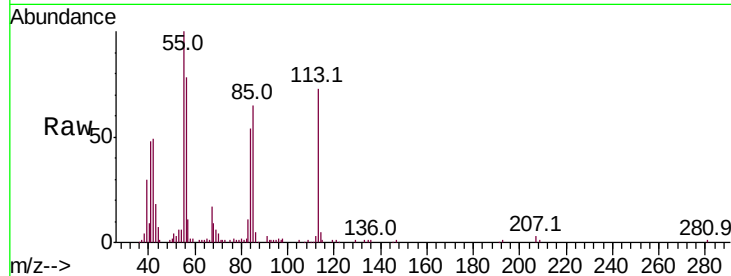
#35
 Caprolactam
 Concen: 32.028 ng/ml
 RT: 11.55 min Scan# 1439
 Delta R.T. 0.06 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.1	110.7	150.7
56	106.7	82.4	122.4

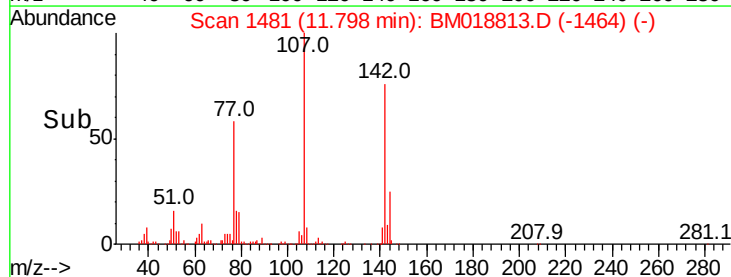
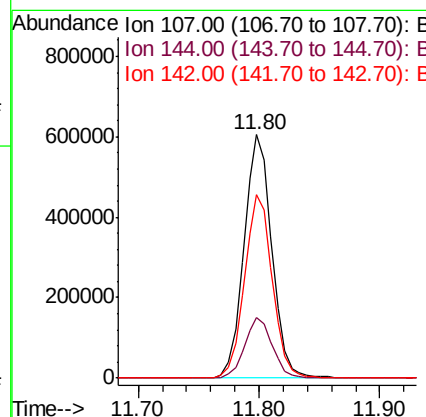
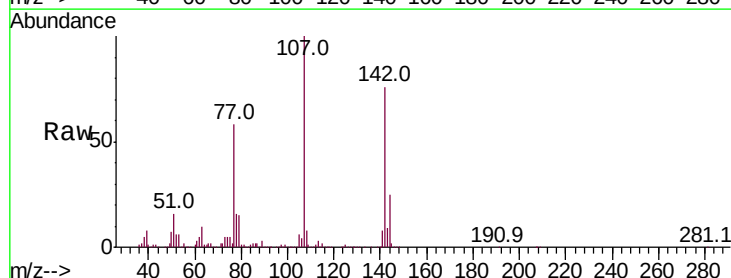
Manual Integrations
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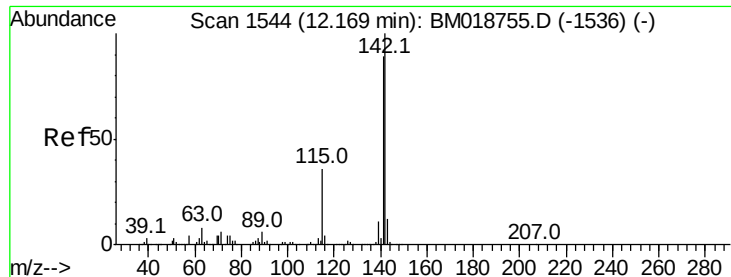
Sohil
 2/14/2019 1:50:38 PM



#36
 4-Chloro-3-methylphenol
 Concen: 49.361 ng/ml
 RT: 11.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.3	28.9
142	75.5	60.5	90.7





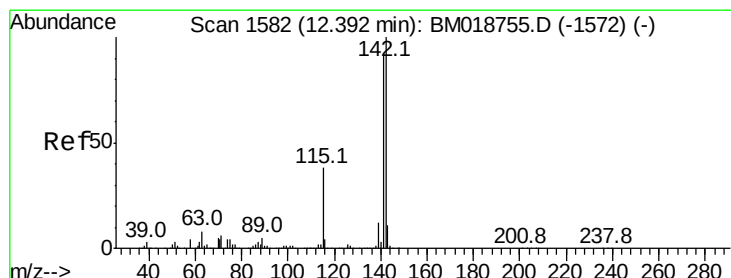
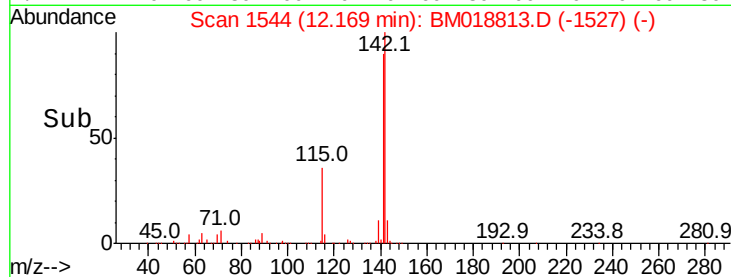
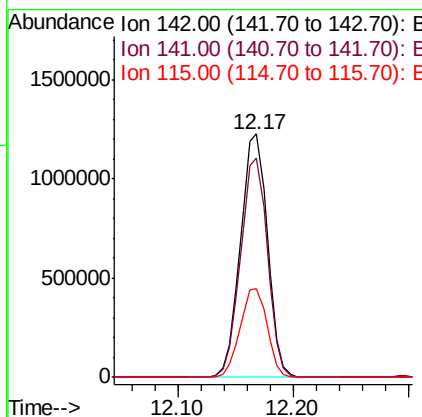
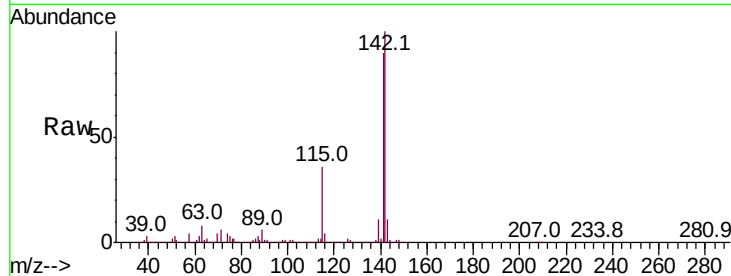
#37
2-Methylnaphthalene
Concen: 53.212 ng
RT: 12.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.2	106.8
115	36.4	29.1	43.7

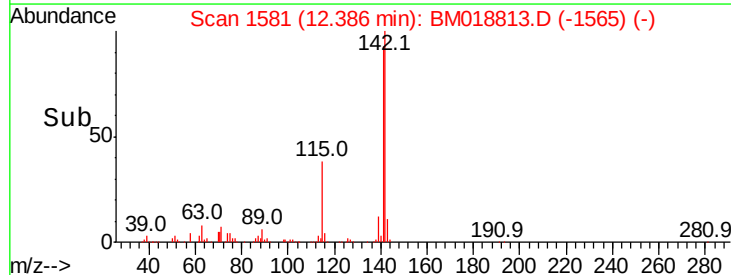
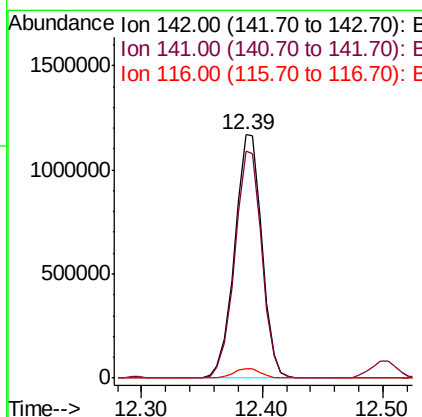
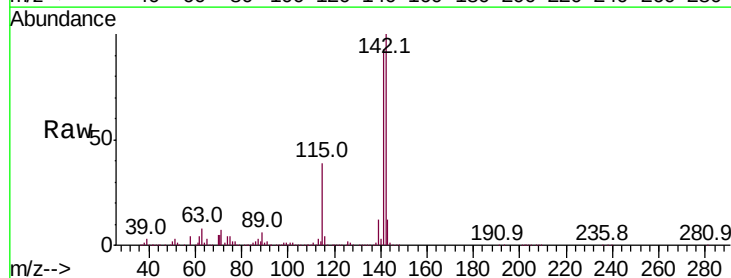
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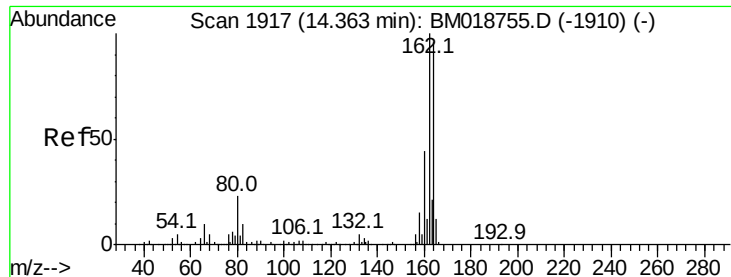
Sohil
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#38
1-Methylnaphthalene
Concen: 49.907 ng
RT: 12.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	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: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion:164 Resp: 655506

Ion Ratio Lower Upper

164 100

162 102.8 83.4 125.0

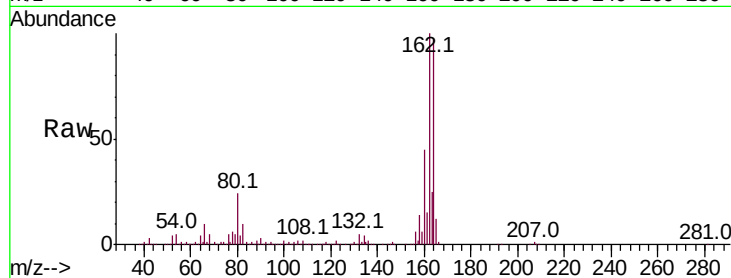
160 46.6 36.6 55.0

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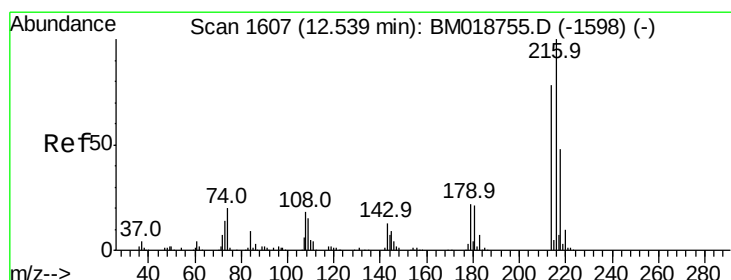
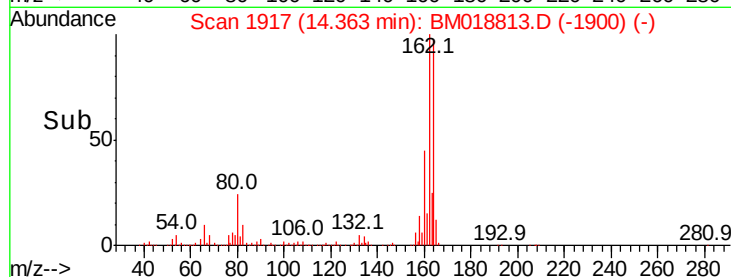
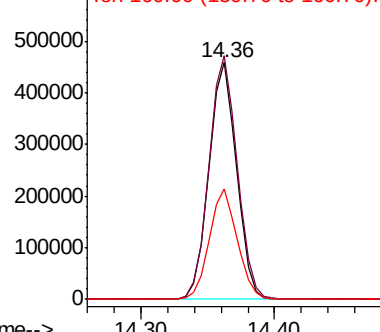


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.630 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Tgt Ion:216 Resp: 872946

Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 22.4 17.8 26.8

108 23.1 16.4 24.6

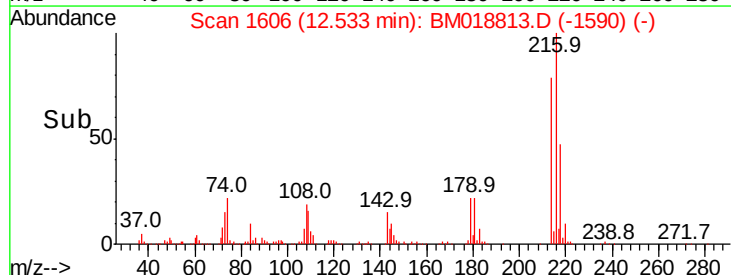
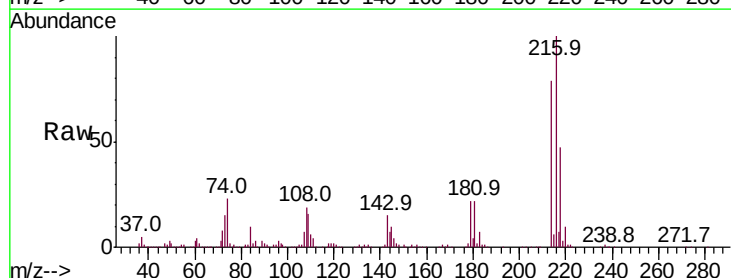
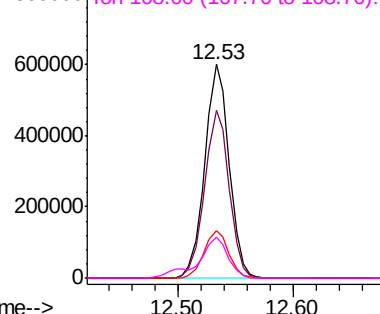
Abundance

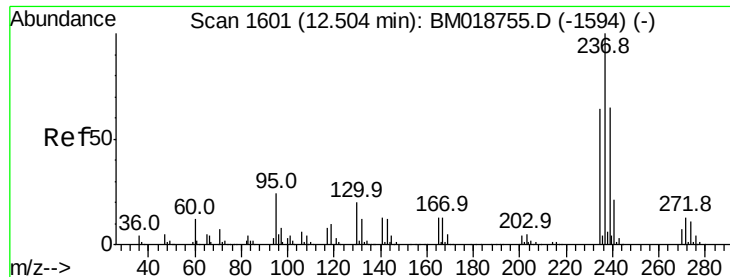
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.127 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

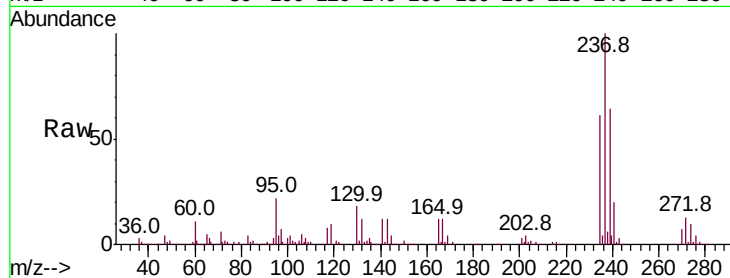
ClientSampleId :

IDW-LIQUID-01MSD

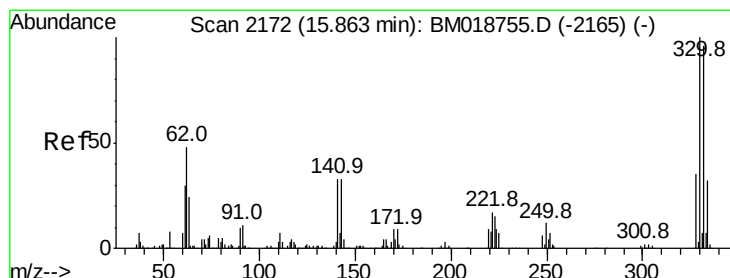
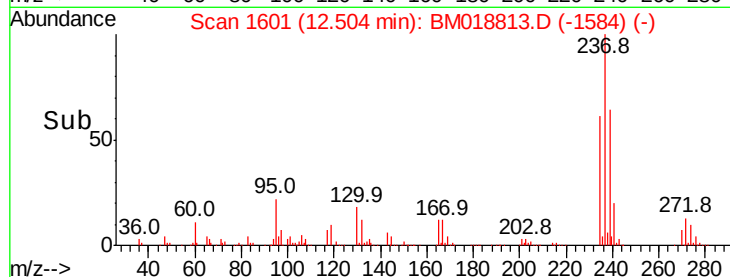
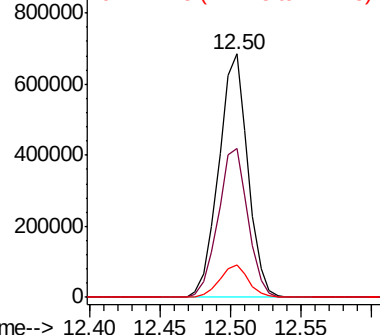
Tot Ion:	237	Resp:	987684
Ion Ratio	Lower	Upper	
237	100		
235	61.2	43.7	83.7
272	13.4	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 158.742 ng

RT: 15.86 min Scan# 2172

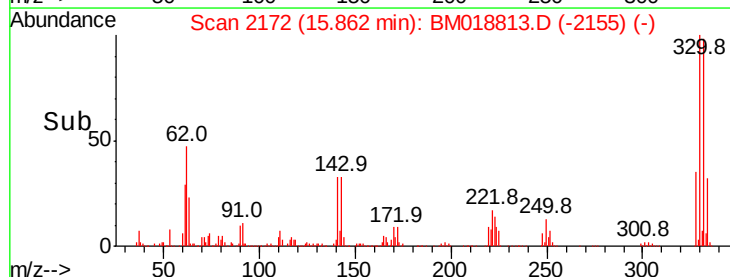
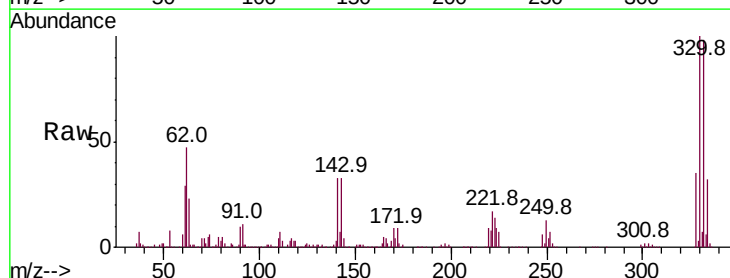
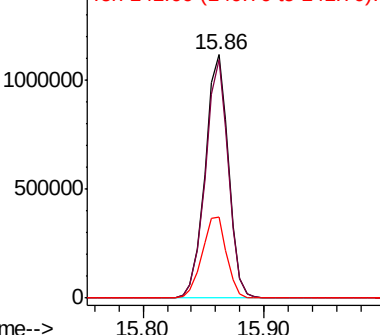
Delta R.T. -0.00 min

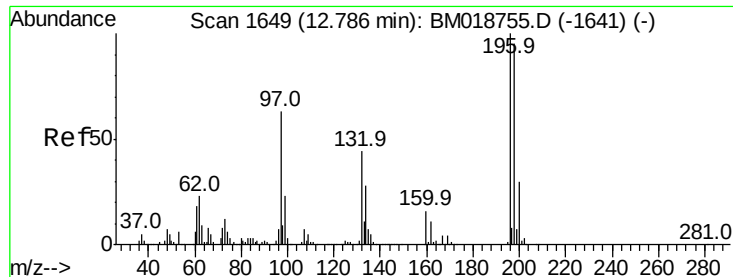
Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Tgt Ion:	330	Resp:	1499941
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.9	115.3
141	35.1	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





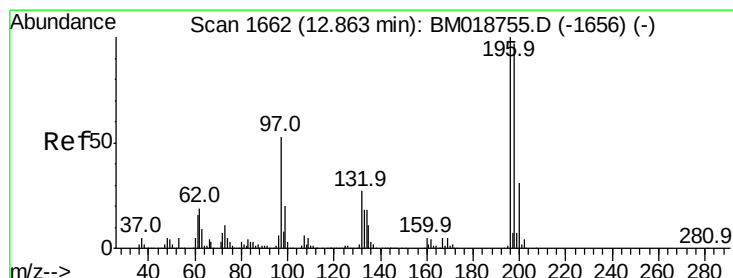
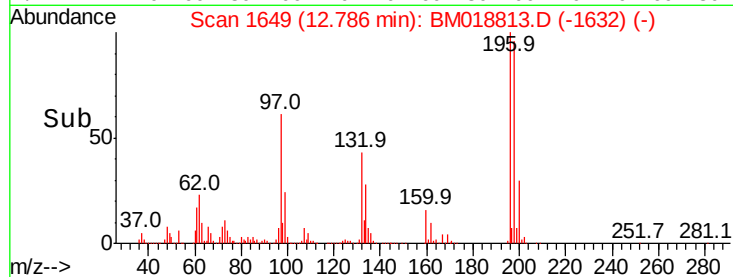
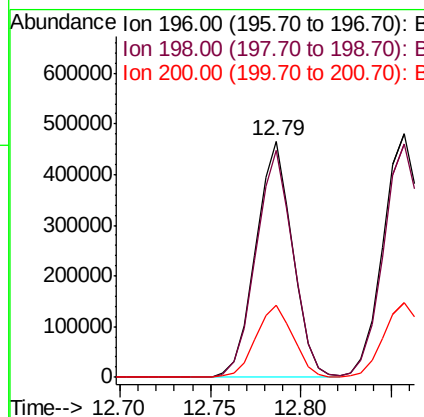
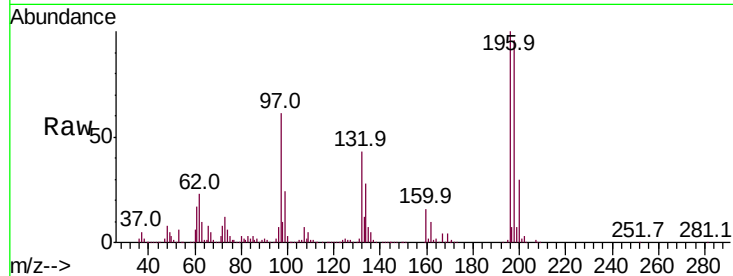
#43
 2,4,6-Trichlorophenol
 Concen: 47.397 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	657940		
198	96.2	76.2	114.2	
200	30.3	24.2	36.2	

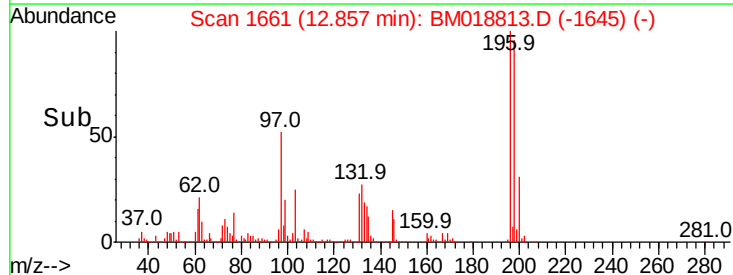
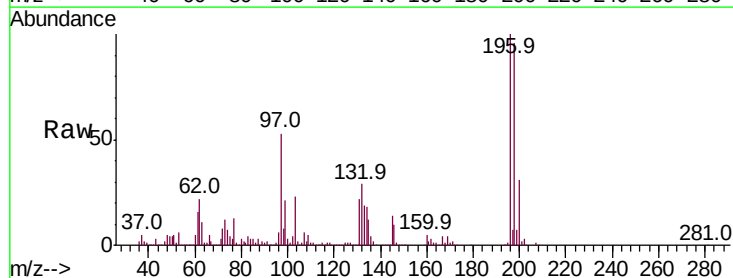
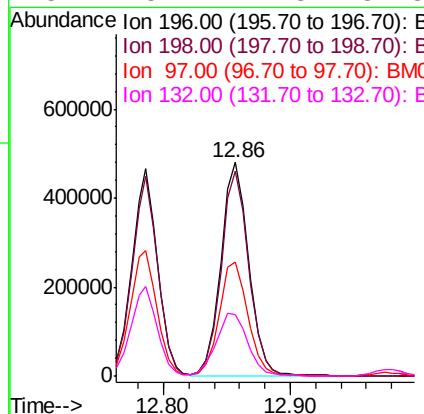
Manual Integrations
 APPROVED

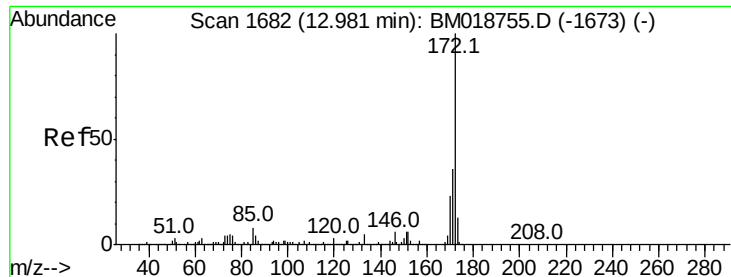
Sohil
 2/14/2019 1:50:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.923 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	726369		
198	95.6	77.6	116.4	
97	53.5	42.8	64.2	
132	28.7	21.8	32.8	





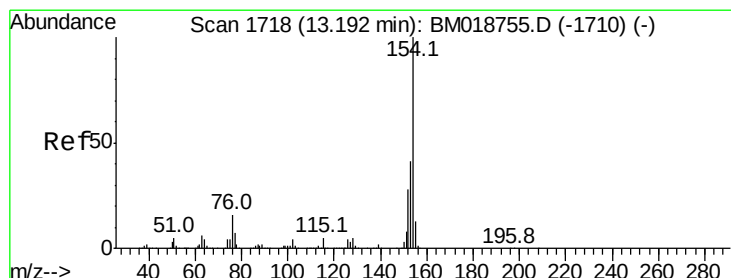
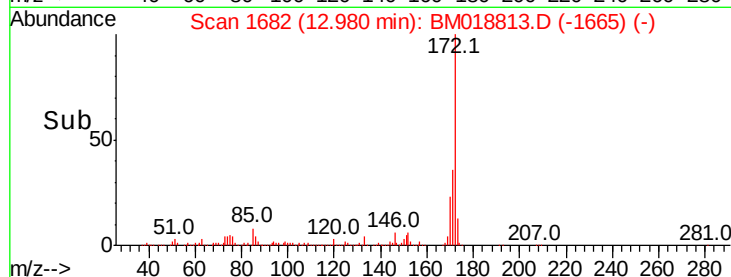
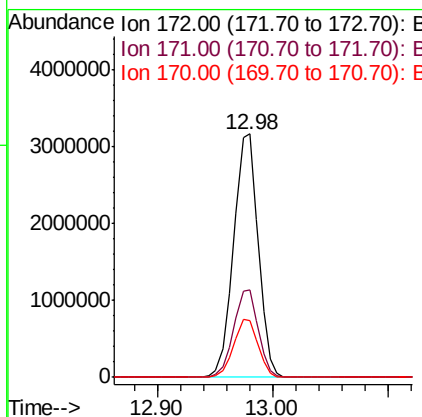
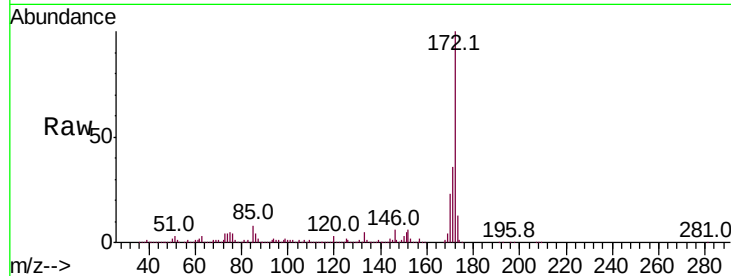
#45
2-Fluorobiphenyl
Concen: 94.424 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion:172 Resp: 4662630
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.4 18.6 28.0

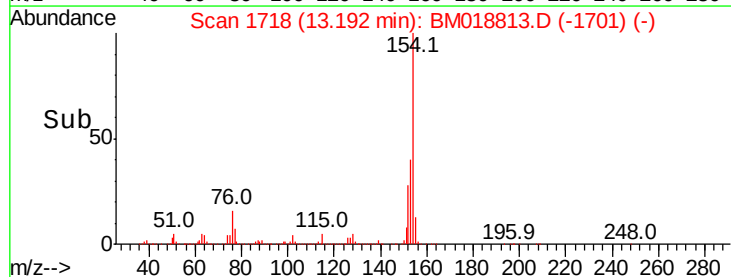
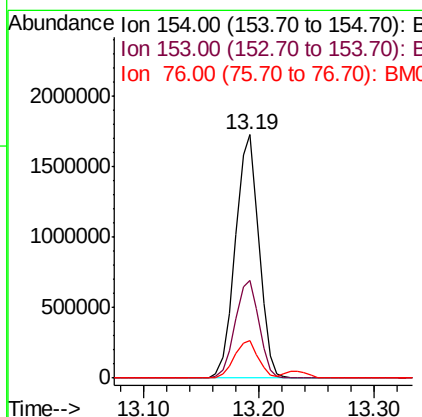
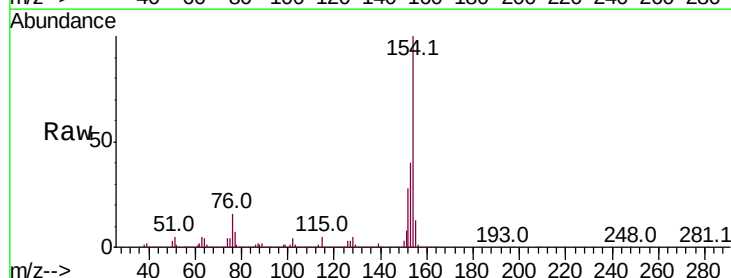
Manual Integrations
APPROVED

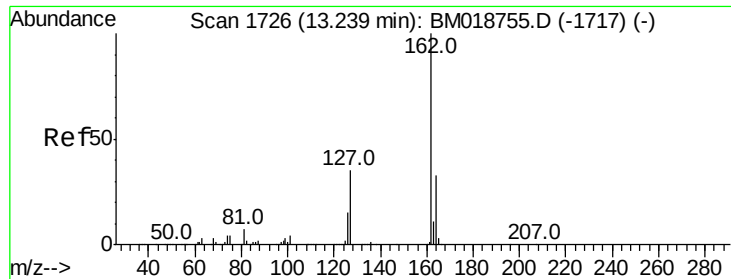
Sohil
2/14/2019 1:50:38 PM



#46
1,1'-Biphenyl
Concen: 43.195 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion:154 Resp: 2437271
Ion Ratio Lower Upper
154 100
153 40.2 21.1 61.1
76 15.5 0.0 35.7





#47

2-Chloronaphthalene

Concen: 43.262 ng

RT: 13.23 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion: 162 Resp: 1885419

Ion Ratio Lower Upper

162 100

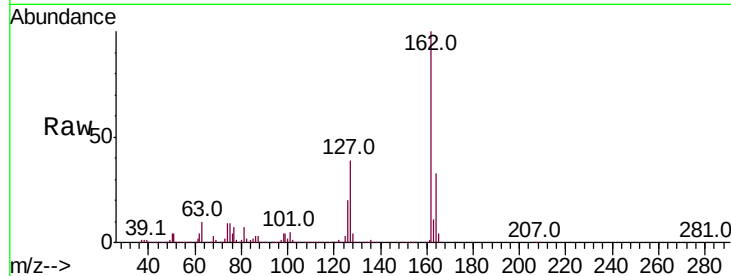
127 39.4 31.1 46.7

164 32.6 26.4 39.6

Manual Integrations
APPROVED

Sohil

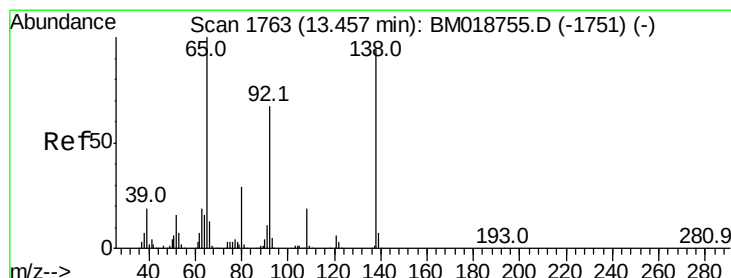
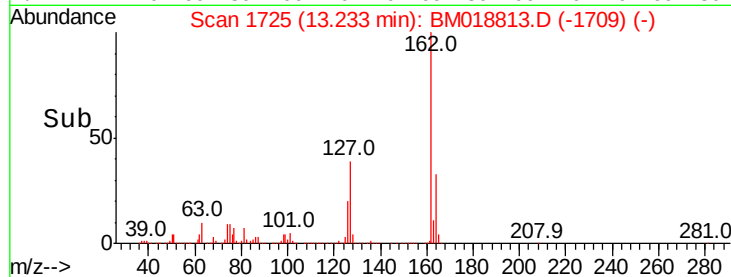
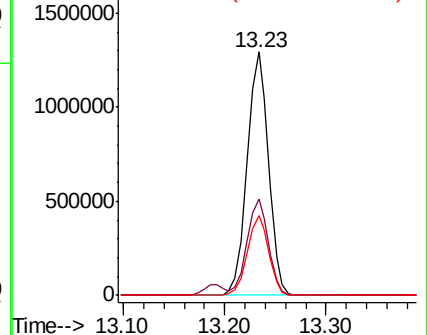
2/14/2019 1:50:38 PM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 47.206 ng

RT: 13.46 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

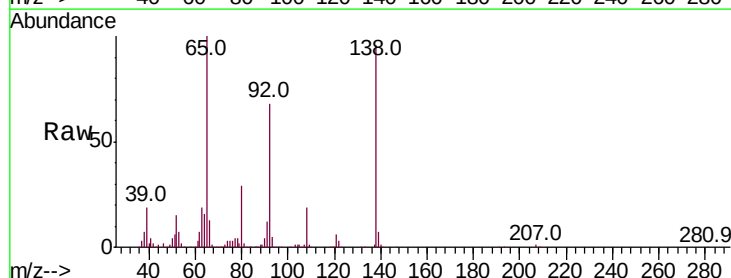
Tgt Ion: 65 Resp: 683269

Ion Ratio Lower Upper

65 100

92 67.8 54.0 81.0

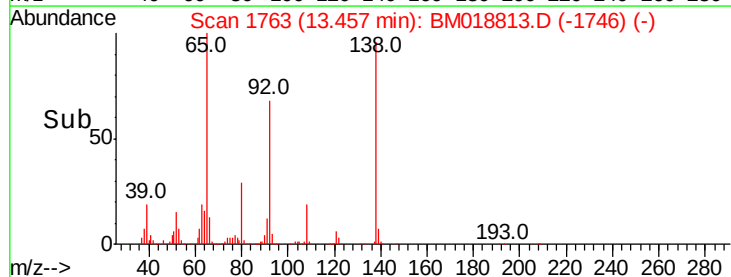
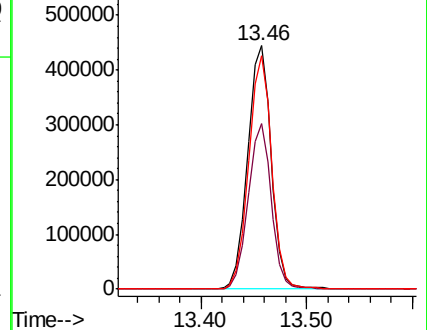
138 96.0 74.9 112.3

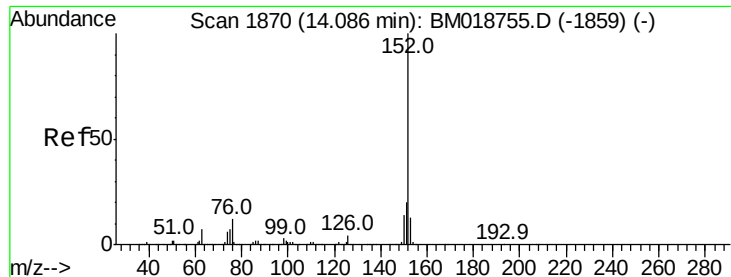


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.662 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion:152 Resp: 3157870

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

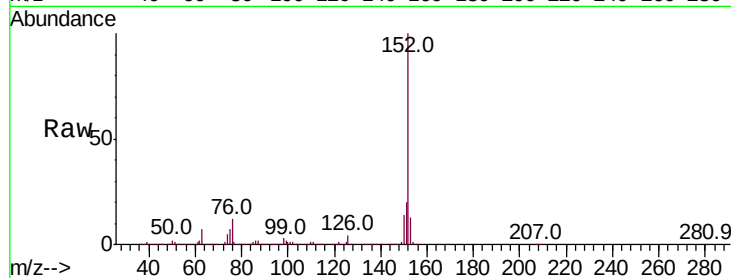
153 13.1 10.5 15.7

Manual Integrations

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Sohil

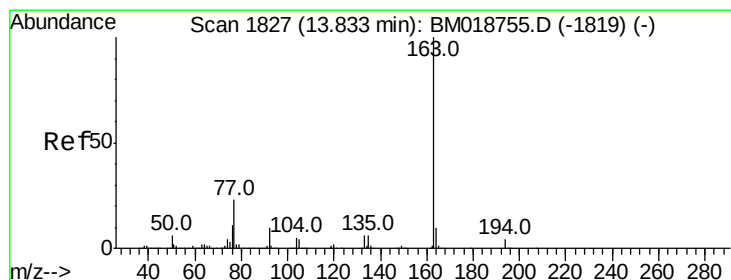
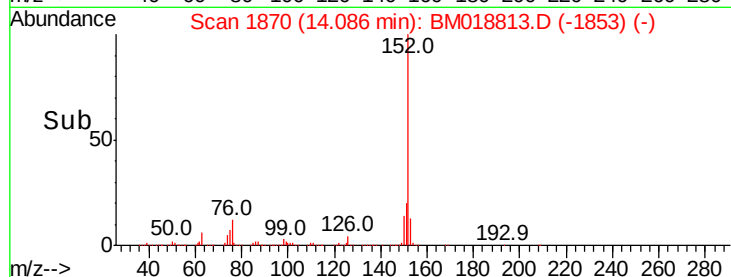
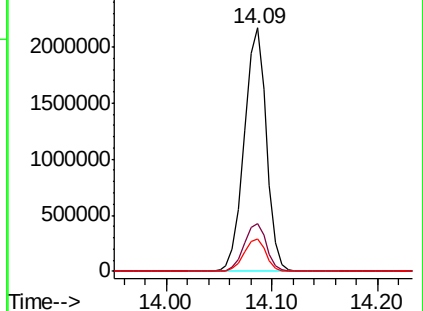
2/14/2019 1:50:38 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.402 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

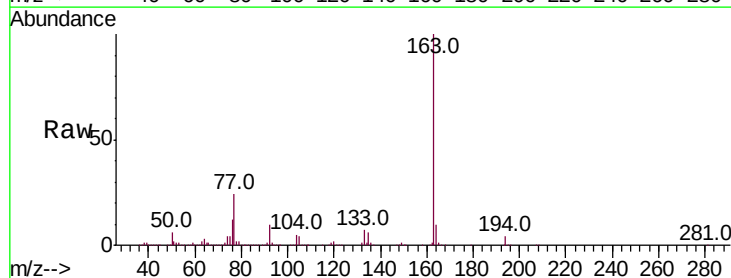
Tgt Ion:163 Resp: 2534927

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

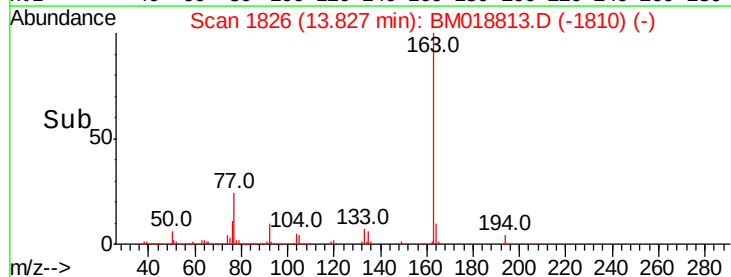
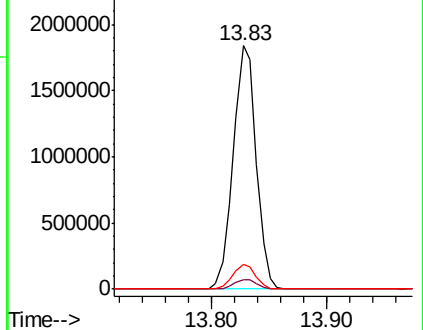
164 10.1 7.8 11.8

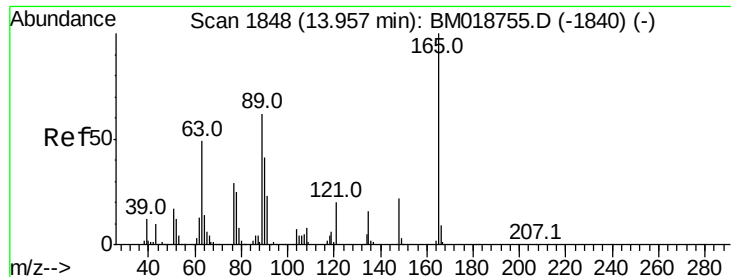


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





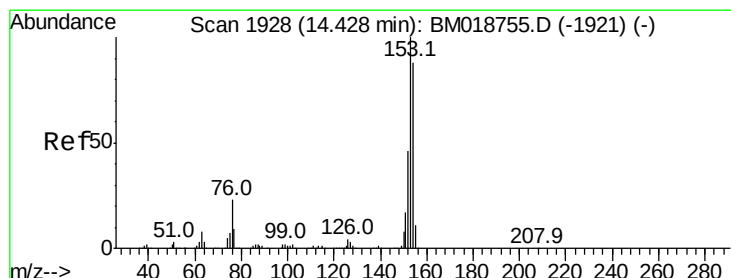
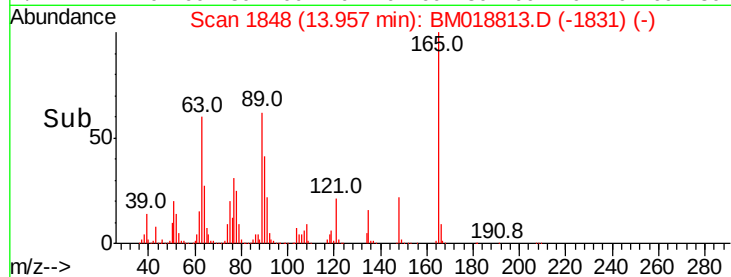
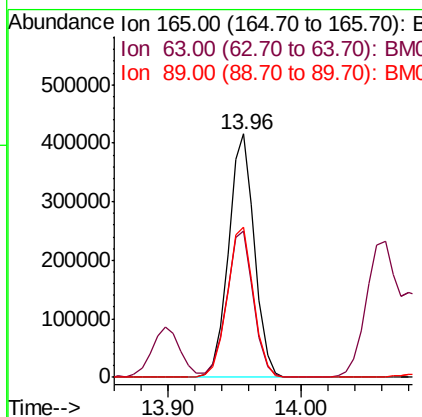
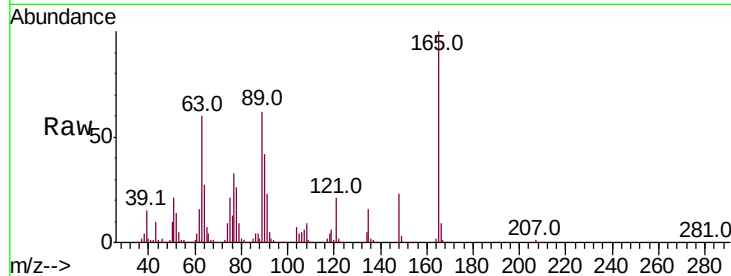
#51
2,6-Dinitrotoluene
Concen: 47.474 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.0	48.9	73.3	
89	61.8	49.4	74.0	

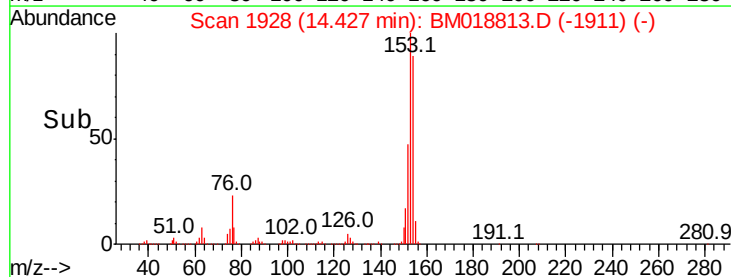
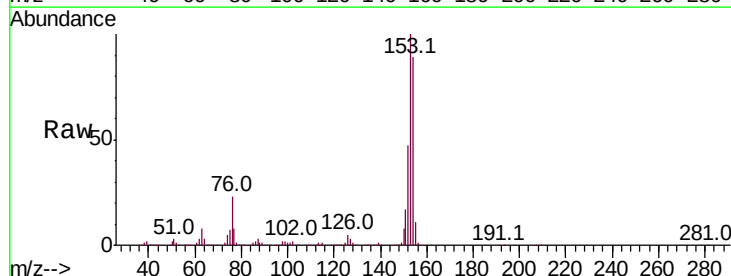
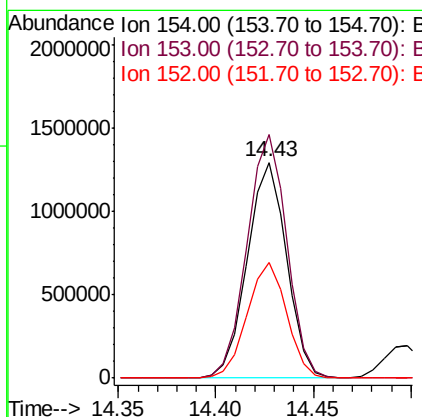
Manual Integrations
APPROVED

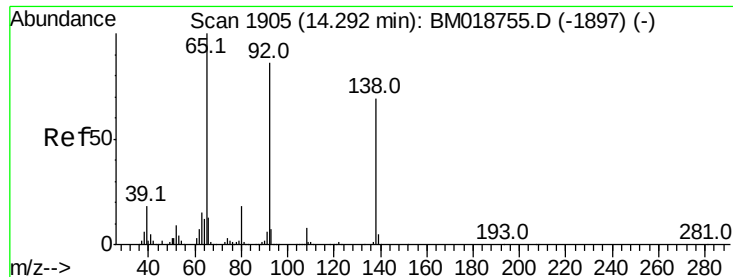
Sohil
2/14/2019 1:50:38 PM



#52
Acenaphthene
Concen: 45.471 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.8	91.3	136.9	
152	53.3	42.2	63.4	





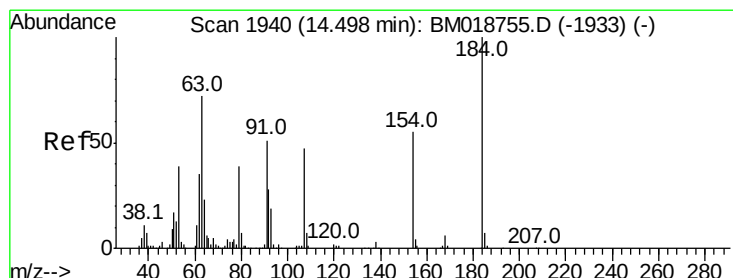
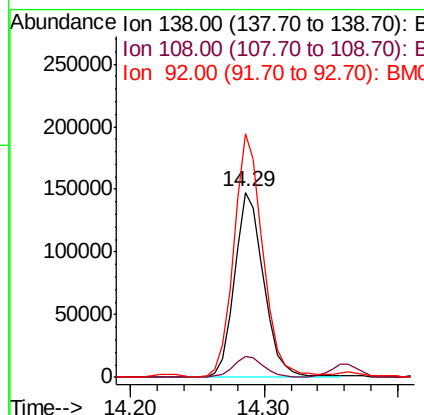
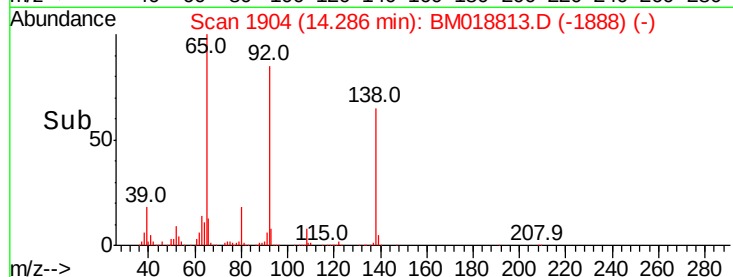
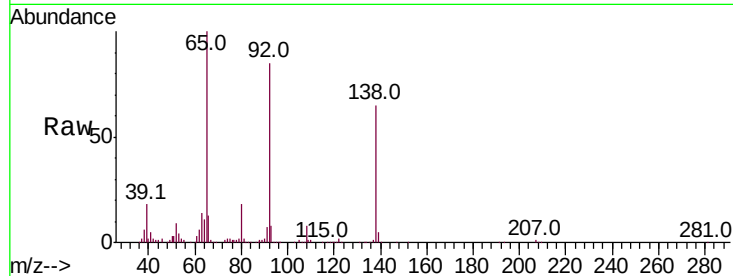
#53
3-Nitroaniline
Concen: 16.779 ng
RT: 14.29 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.1	13.7
92	131.7	99.7	149.5

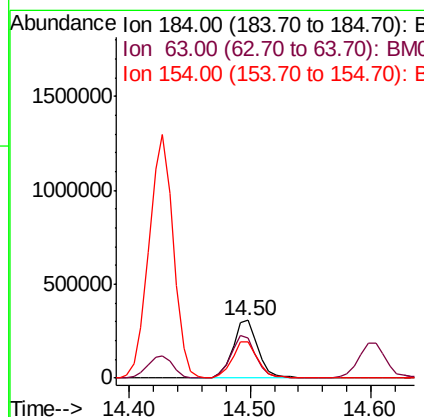
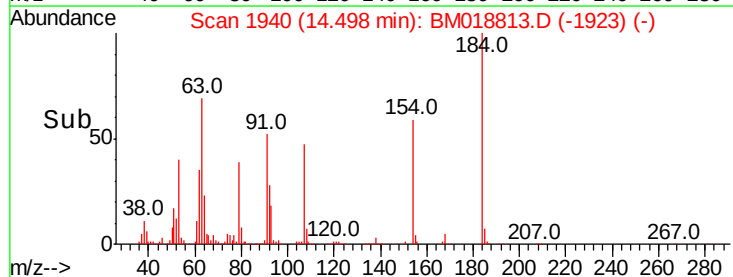
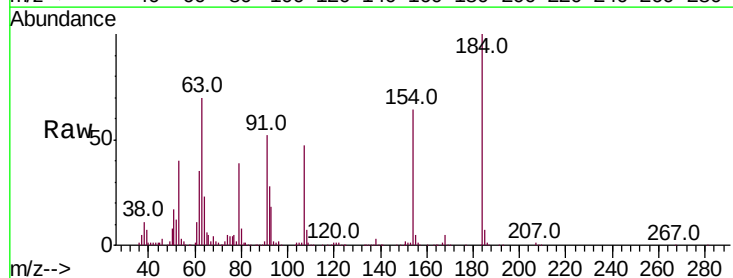
Manual Integrations
APPROVED

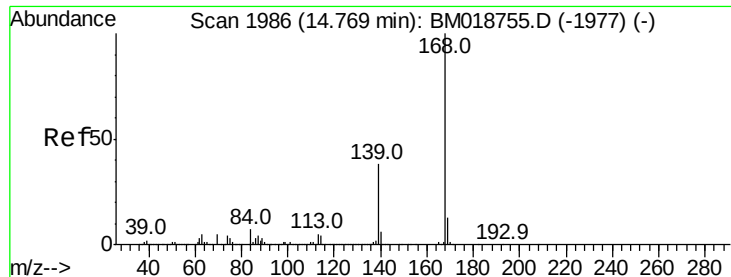
Sohil
2/14/2019 1:50:38 PM



#54
2,4-Dinitrophenol
Concen: 60.759 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.9	58.0	87.0
154	63.6	50.3	75.5





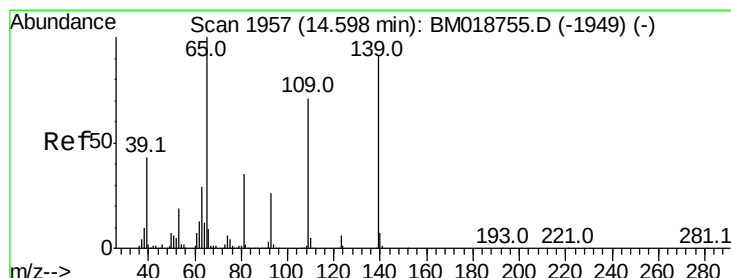
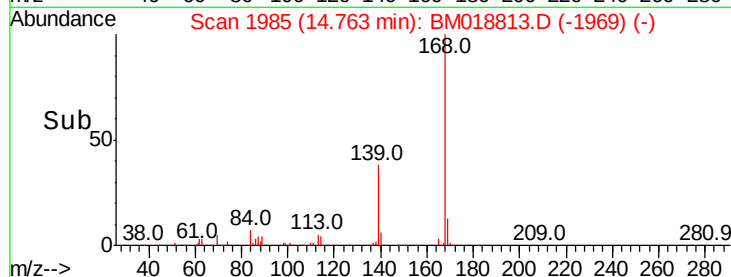
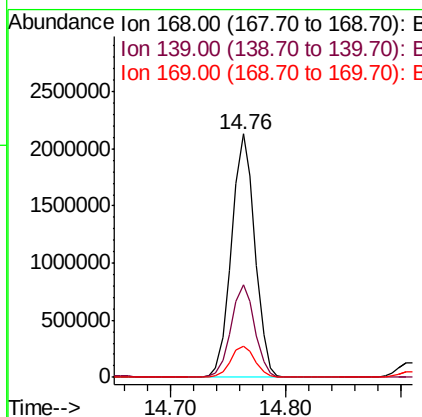
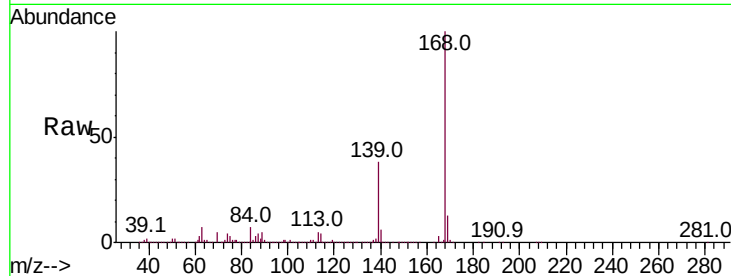
#55
Dibenzofuran
Concen: 45.585 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.7	46.1
169	12.9	10.3	15.5

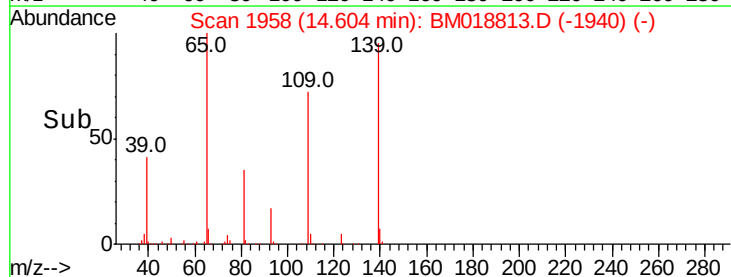
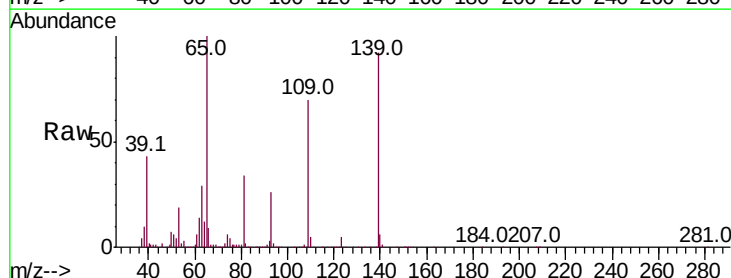
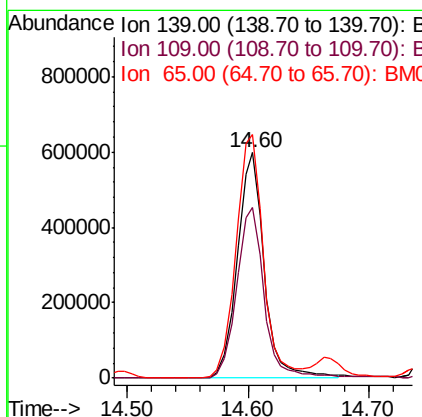
Manual Integrations
APPROVED

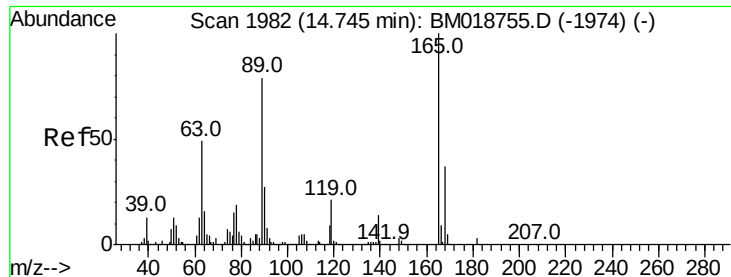
Sohil
2/14/2019 1:50:38 PM



#56
4-Nitrophenol
Concen: 87.031 ng
RT: 14.60 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.0	58.4	98.4
65	108.1	89.8	129.8





#57

2,4-Dinitrotoluene

Concen: 49.790 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

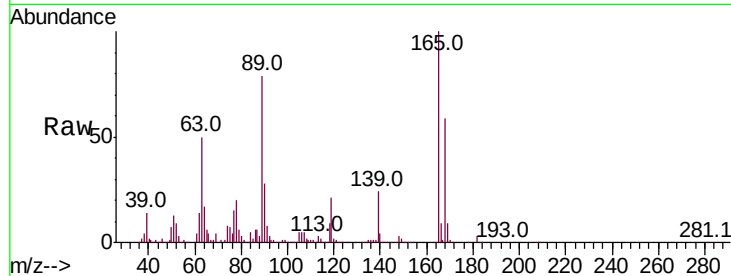
ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	811829		
63	49.8		39.6	59.4
89	78.9		63.5	95.3
182	2.9		2.2	3.4

Manual Integrations
APPROVED

Sohil
2/14/2019 1:50:38 PM

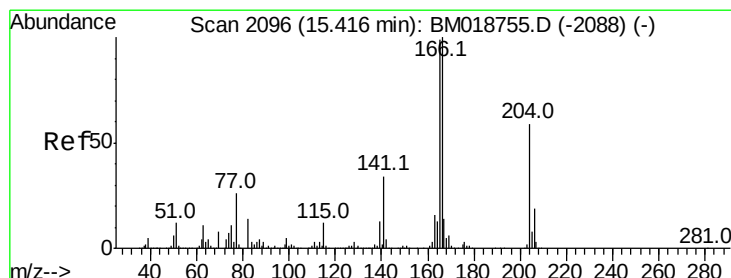
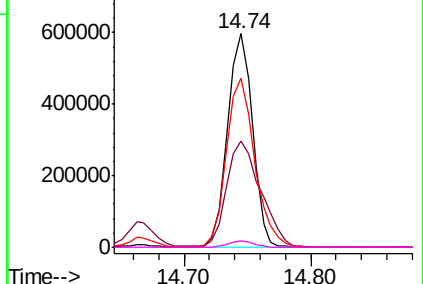
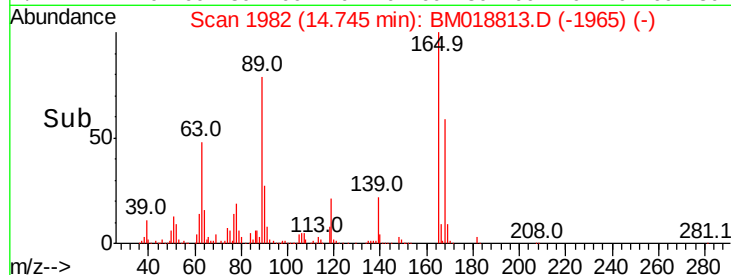


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 49.337 ng

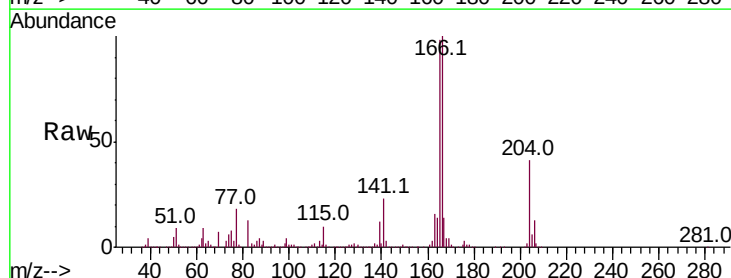
RT: 15.42 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

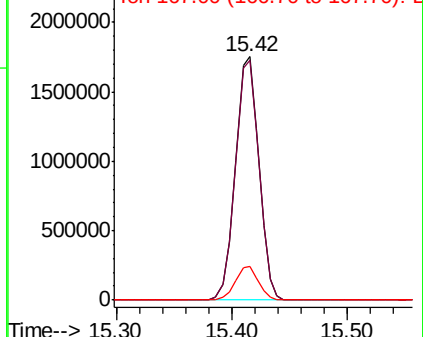
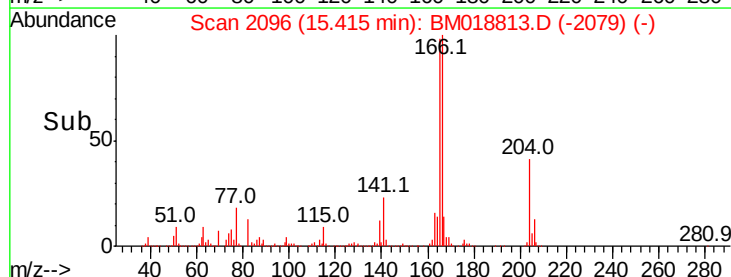
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2468589		
165	98.5		79.1	118.7
167	13.7		11.0	16.4

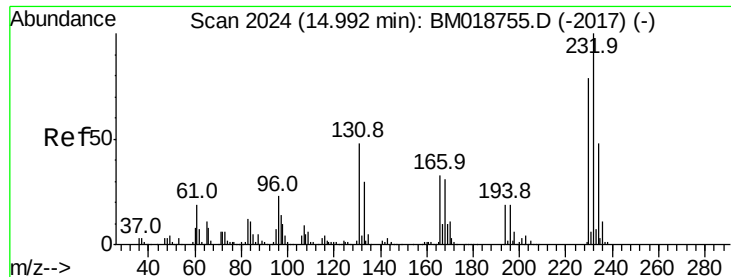


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





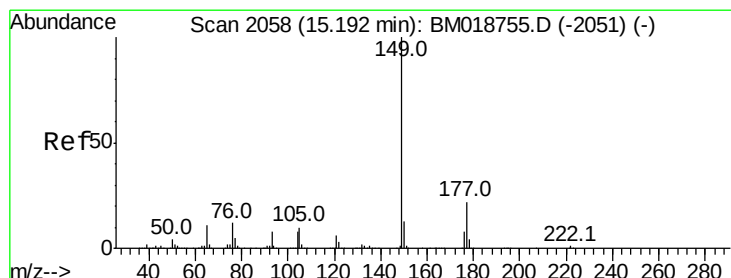
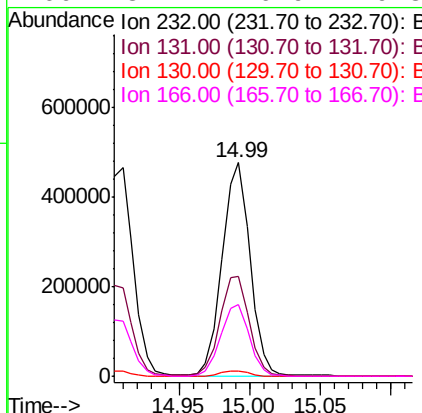
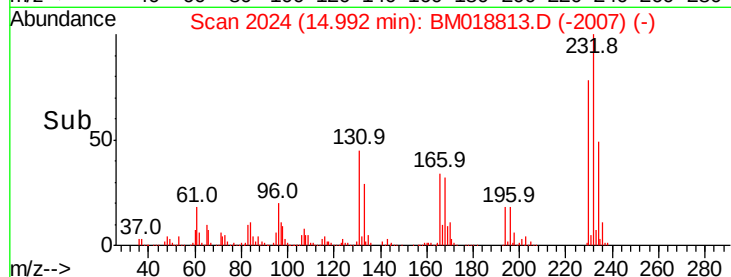
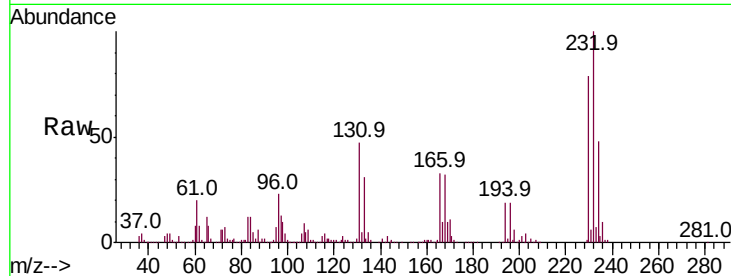
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.793 ng
RT: 14.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.1	38.6	57.8
130	2.6	2.0	3.0
166	34.4	26.9	40.3

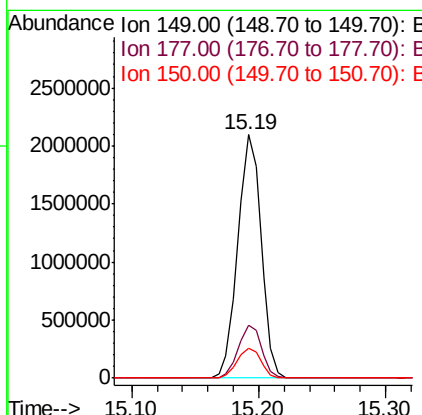
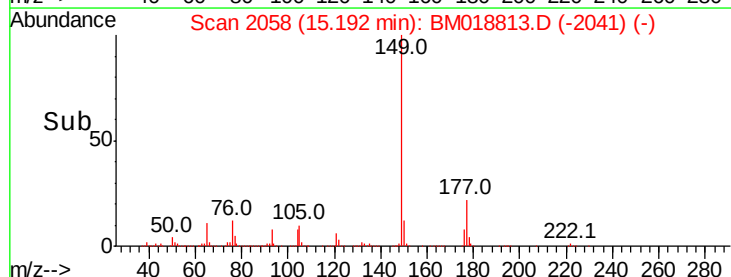
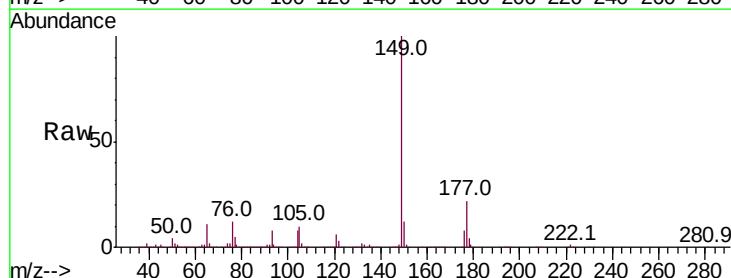
Manual Integrations
APPROVED

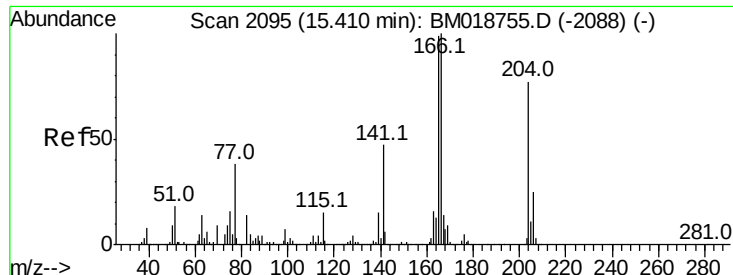
Sohil
2/14/2019 1:50:38 PM



#60
Diethylphthalate
Concen: 47.203 ng
RT: 15.19 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.2	25.8
150	12.4	10.2	15.2





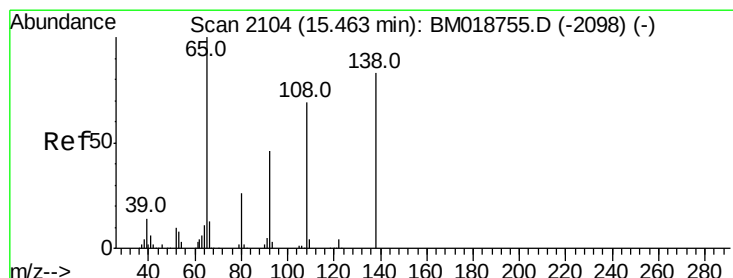
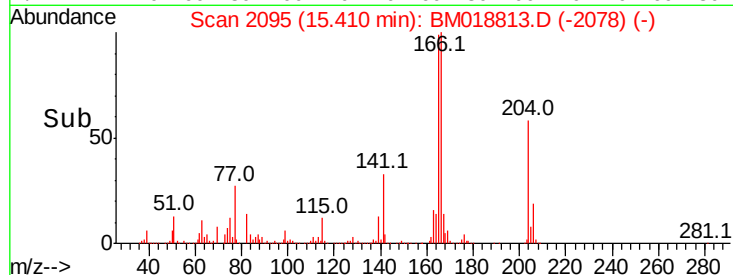
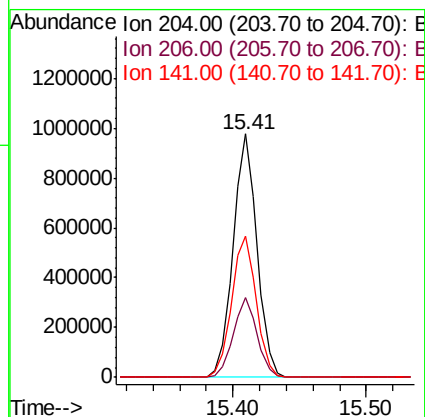
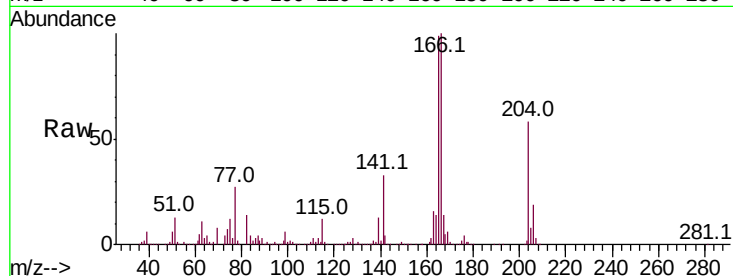
#61
4-Chlorophenyl-phenylether
Concen: 43.559 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	58.1	49.2	73.8

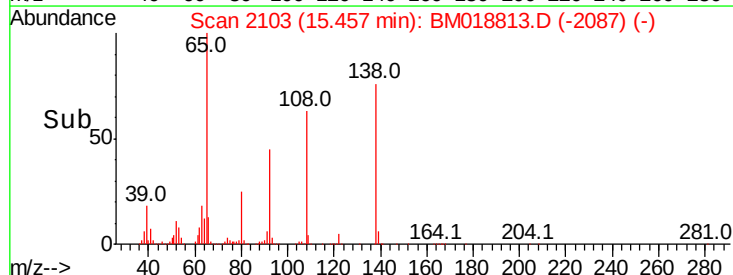
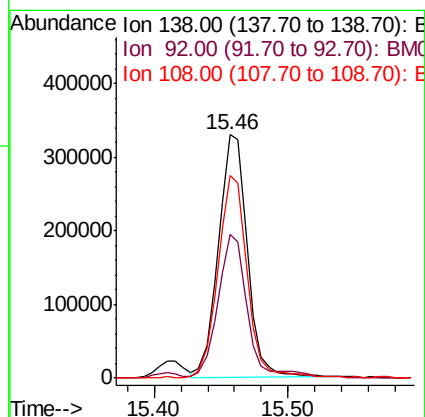
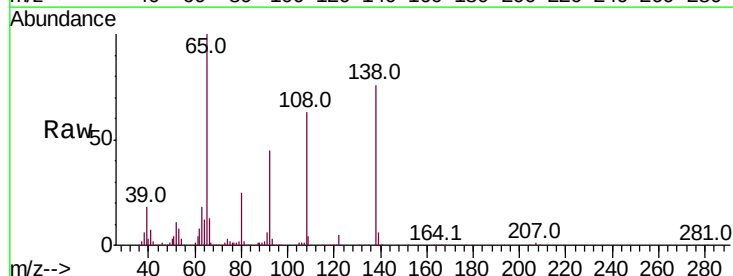
Manual Integrations
APPROVED

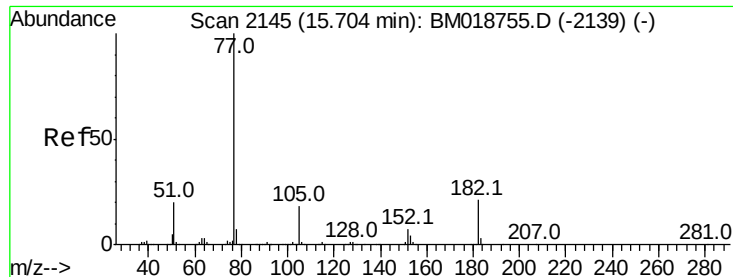
Sohil
2/14/2019 1:50:38 PM



#62
4-Nitroaniline
Concen: 38.549 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.1	35.5	75.5
108	83.1	62.4	102.4





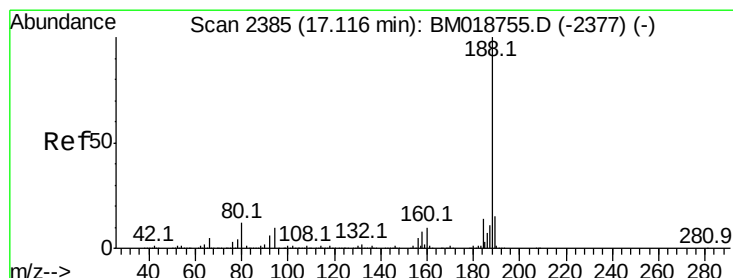
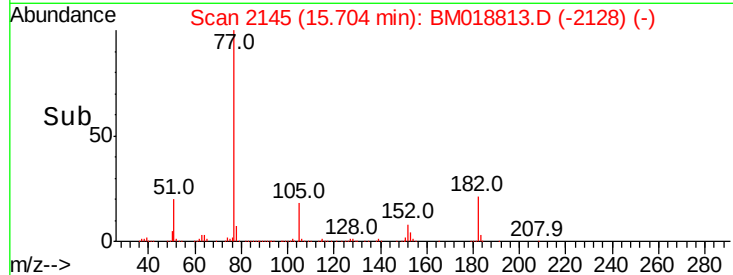
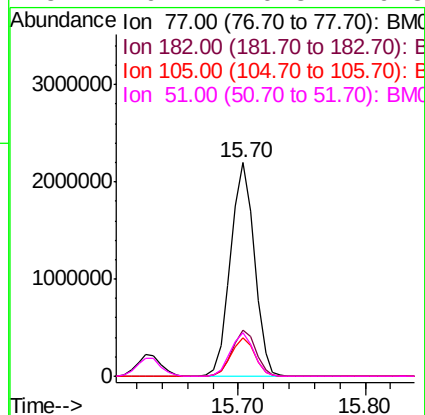
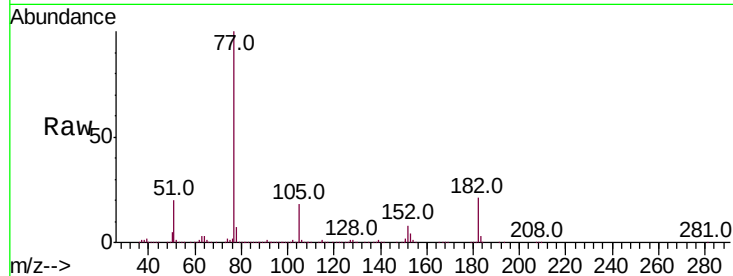
#63
Azobenzene
Concen: 46.934 ng
RT: 15.70 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.4	1.0	41.0	
105	18.1	0.0	37.7	
51	20.2	0.3	40.3	

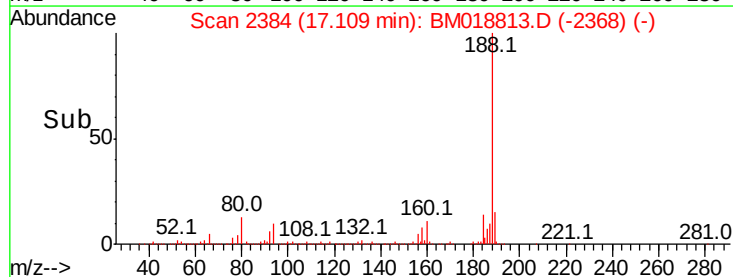
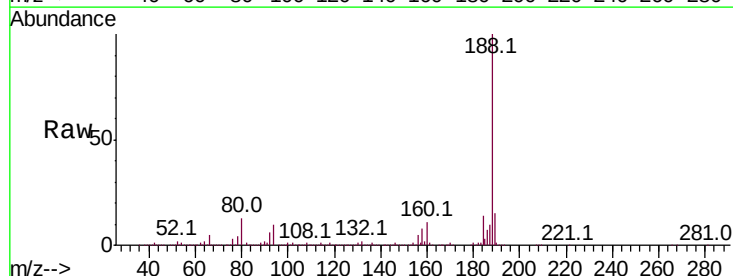
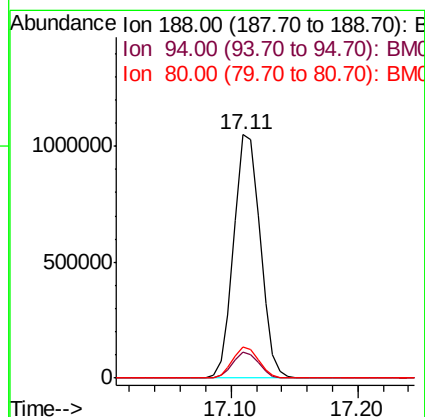
Manual Integrations
APPROVED

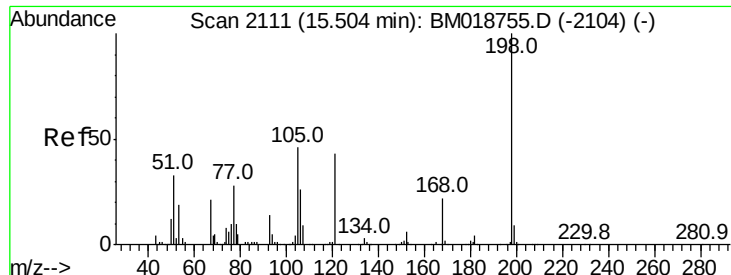
Sohil
2/14/2019 1:50:38 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	8.2	12.2	
80	13.0	9.7	14.5	





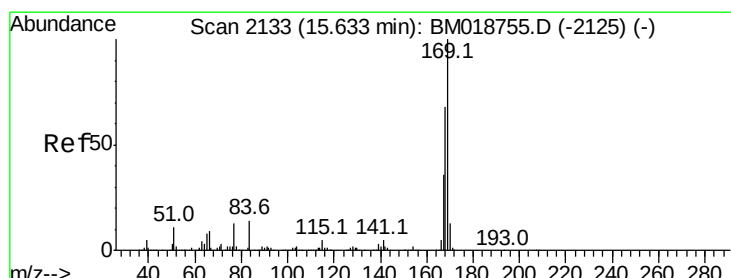
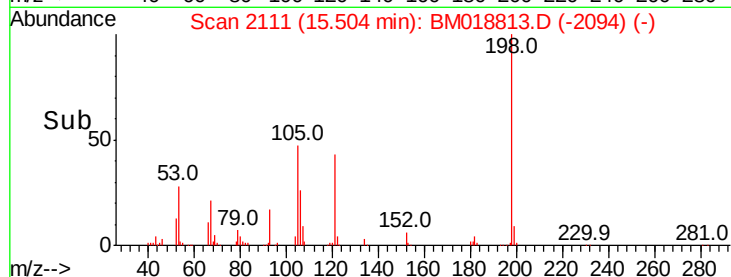
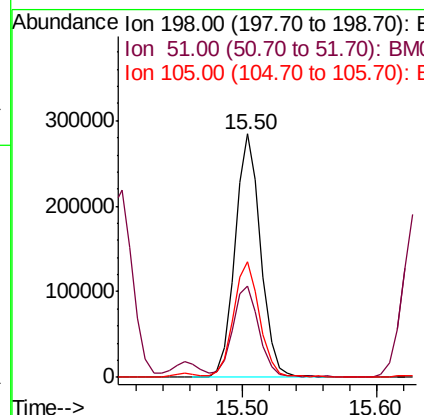
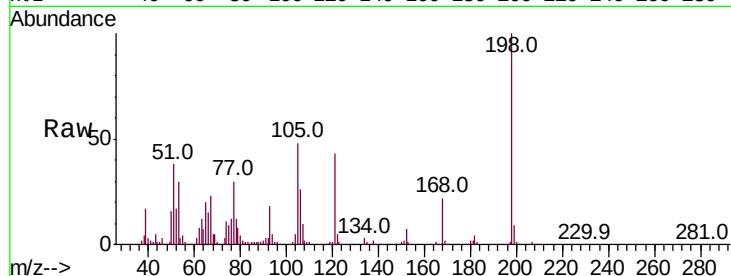
#65
4,6-Dinitro-2-methylphenol
Concen: 35.920 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	382501		
51	37.8		18.4	58.4
105	47.6		27.2	67.2

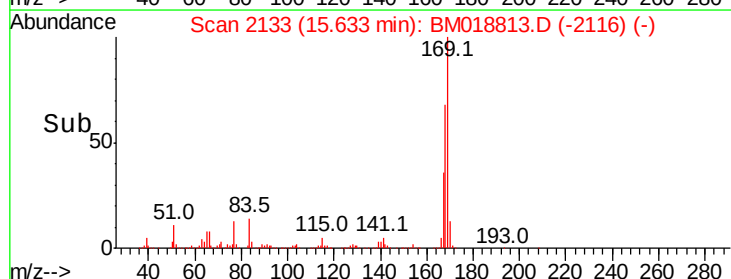
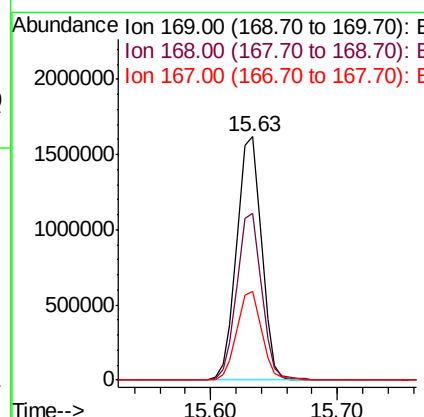
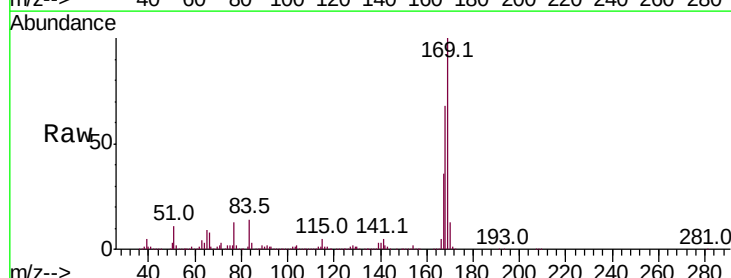
Manual Integrations
APPROVED

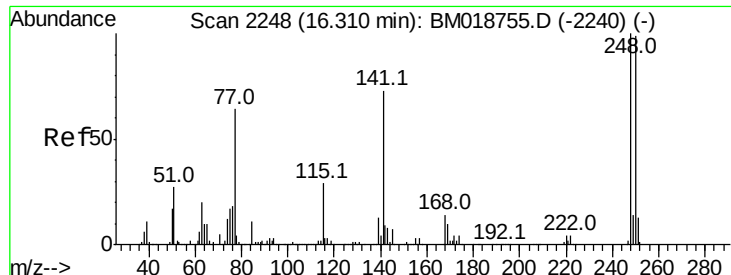
Sohil
2/14/2019 1:50:38 PM



#66
n-Nitrosodiphenylamine
Concen: 45.540 ng
RT: 15.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2182210		
168	68.4		54.4	81.6
167	36.5		29.0	43.6





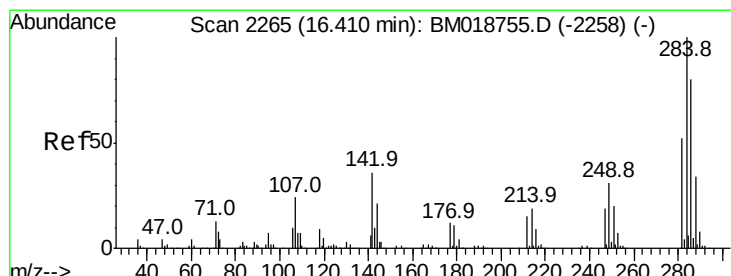
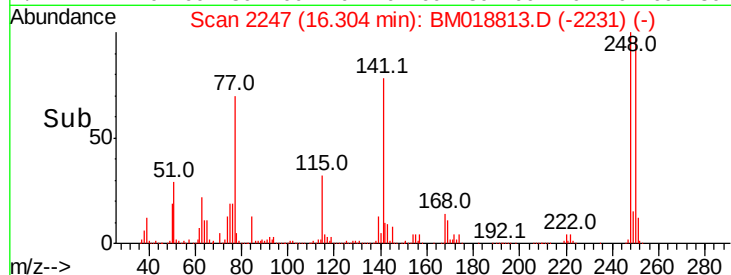
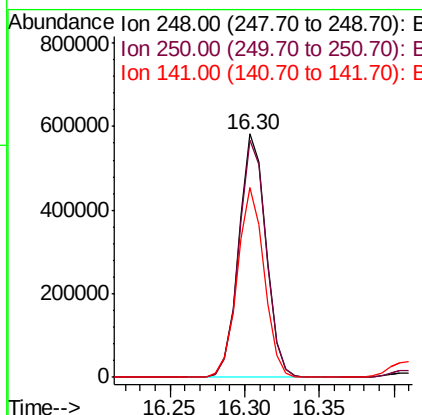
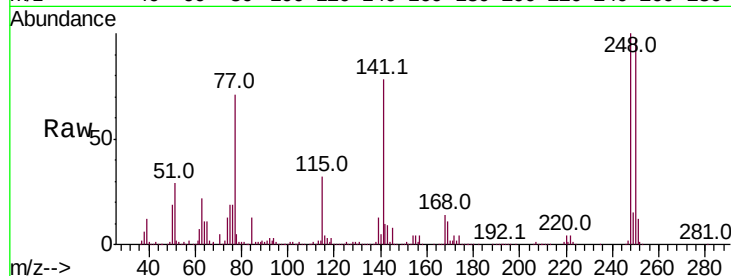
#67
4-Bromophenyl-phenylether
Concen: 43.258 ng
RT: 16.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.0	118.6
141	77.8	58.6	88.0

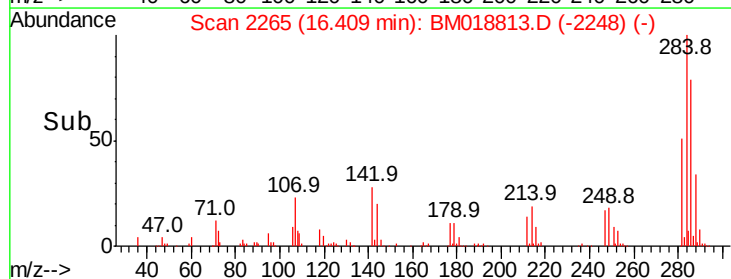
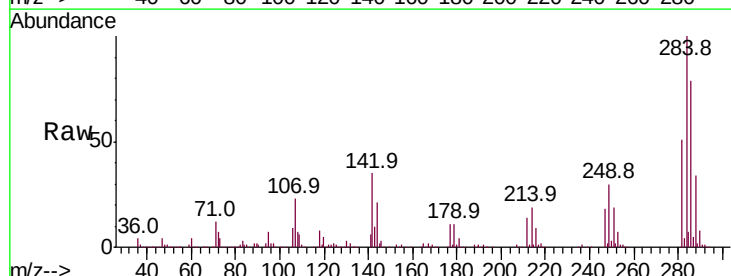
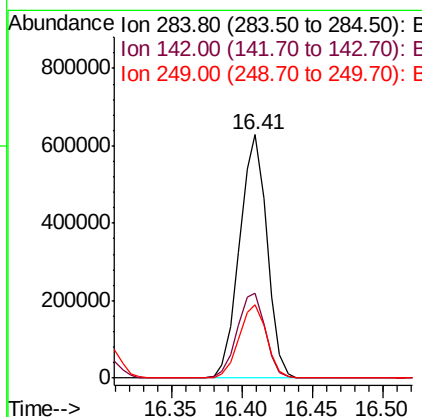
Manual Integrations
APPROVED

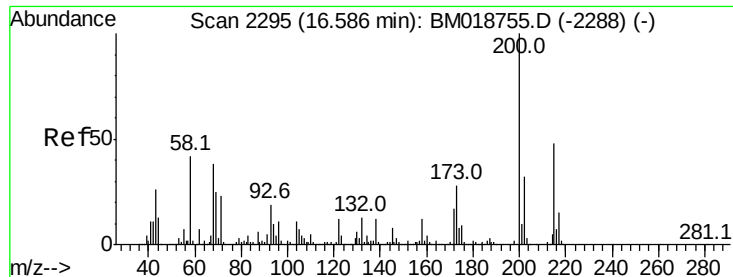
Sohil
2/14/2019 1:50:38 PM



#68
Hexachlorobenzene
Concen: 43.227 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	28.9	43.3
249	30.2	24.8	37.2





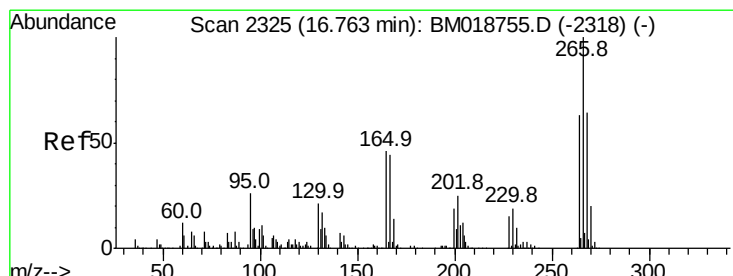
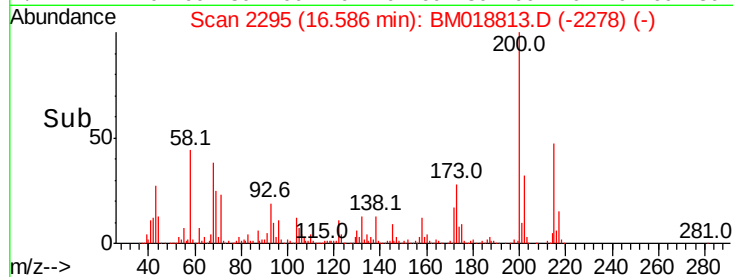
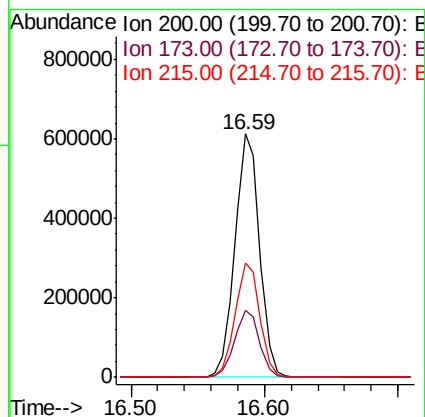
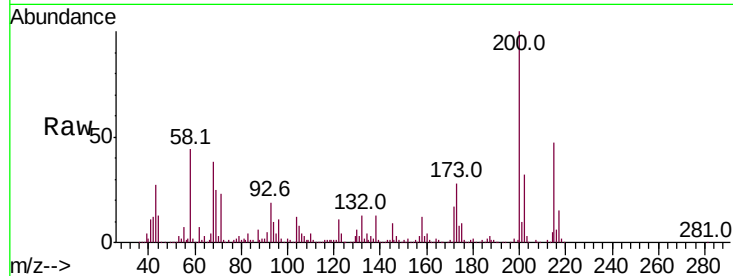
#69
Atrazine
Concen: 51.007 ng
RT: 16.59 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

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

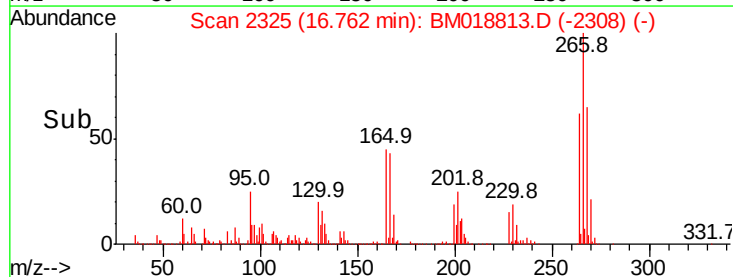
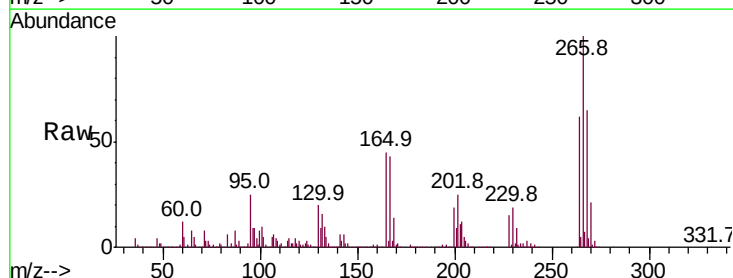
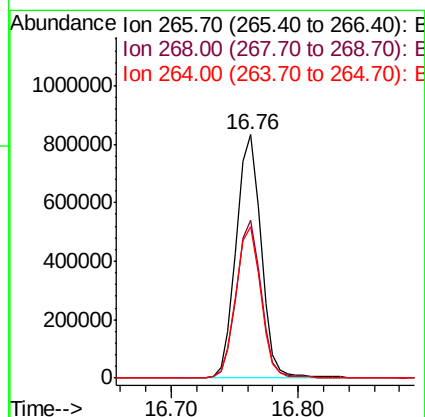
Manual Integrations
APPROVED

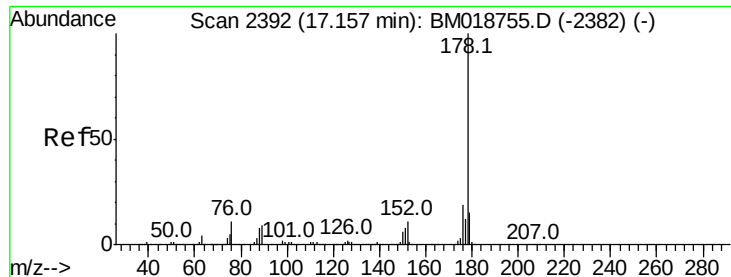
Sohil
2/14/2019 1:50:38 PM



#70
Pentachlorophenol
Concen: 89.286 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.3	76.9
264	62.2	50.6	75.8





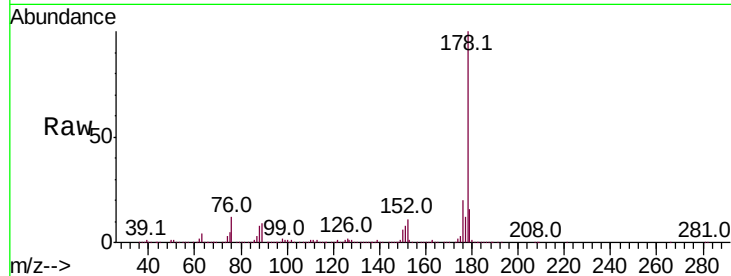
#71
Phenanthrene
Concen: 48.248 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

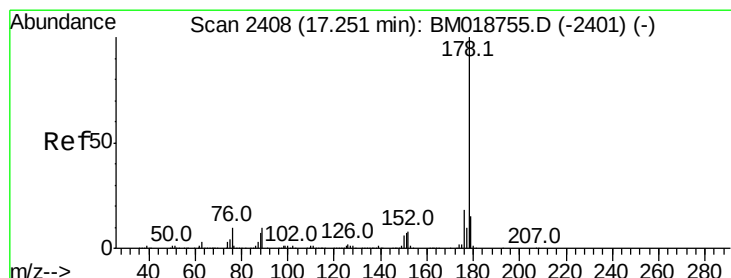
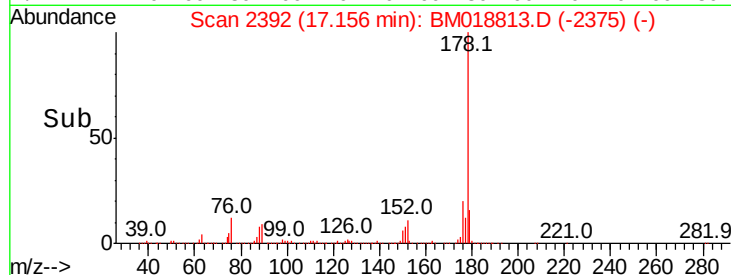
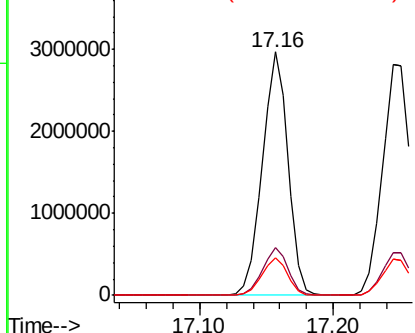
Tot Ion:178 Resp: 3932684
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.7 12.3 18.5

Manual Integrations
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Sohil
2/14/2019 1:50:38 PM



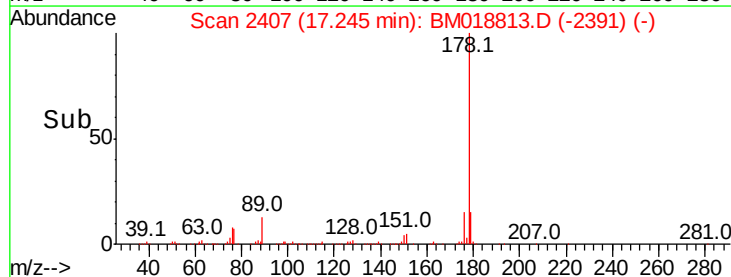
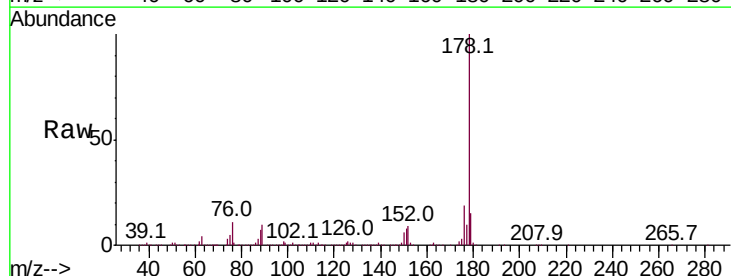
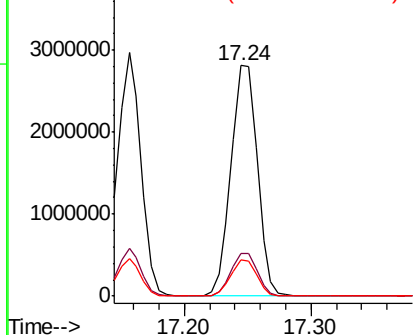
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

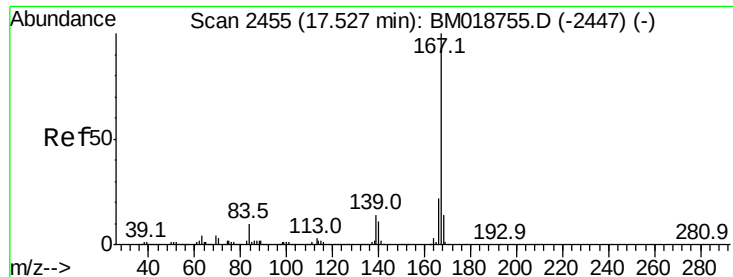


#72
Anthracene
Concen: 50.926 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion:178 Resp: 4040264
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.5 12.1 18.1

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





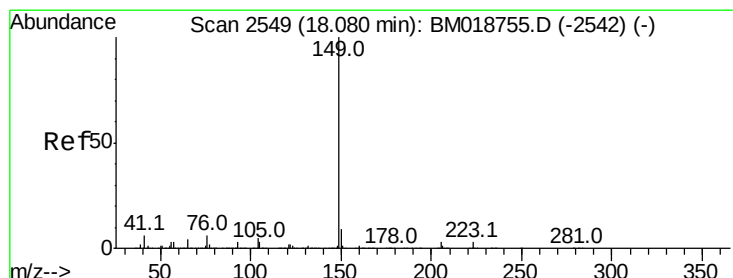
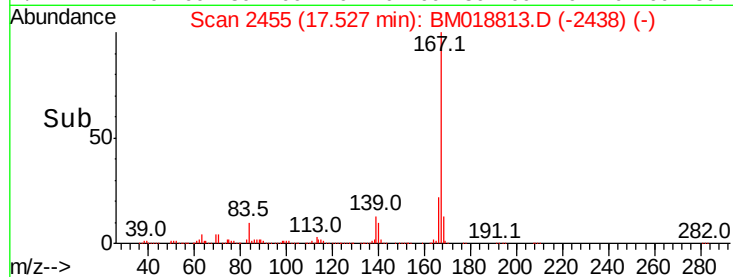
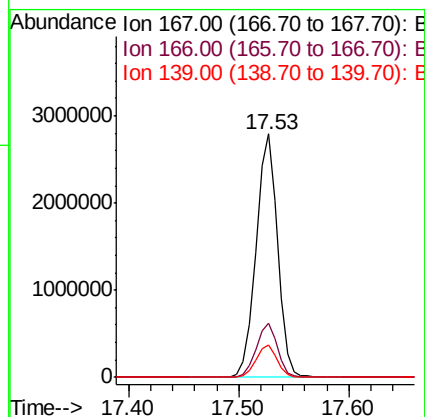
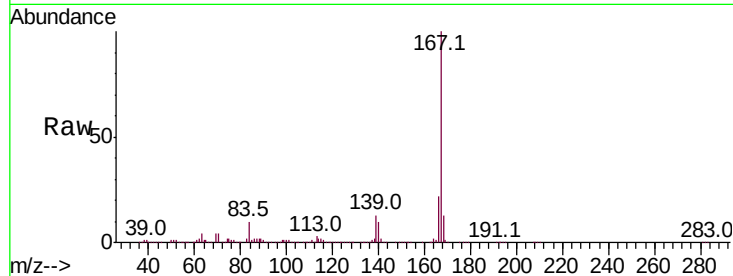
#73
 Carbazole
 Concen: 46.055 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	13.2	10.9	16.3

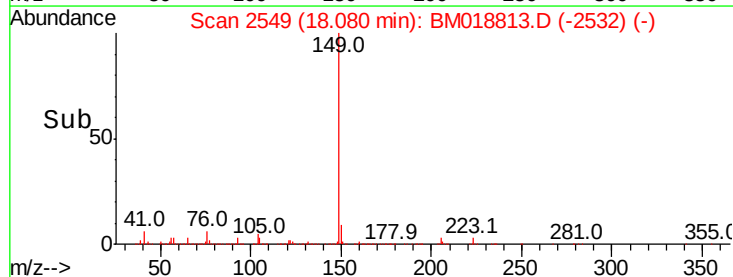
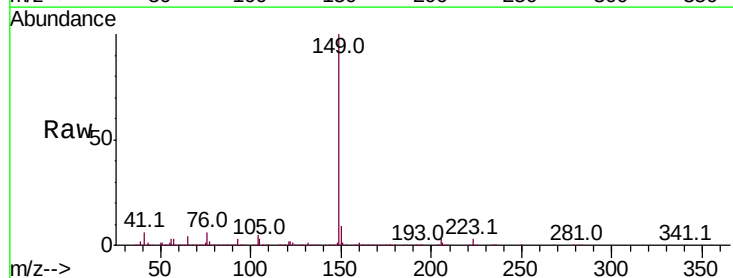
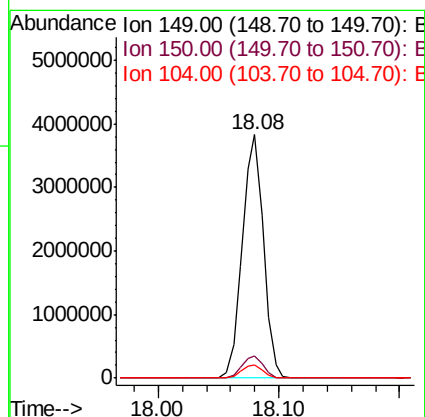
Manual Integrations
 APPROVED

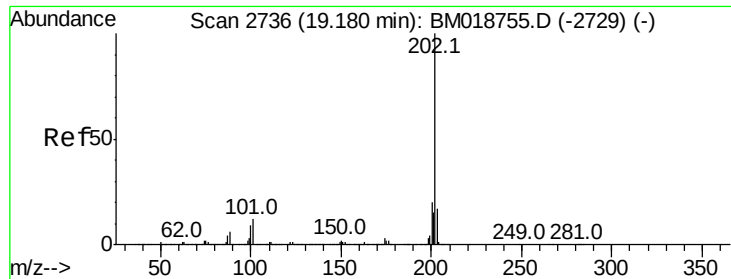
Sohil
 2/14/2019 1:50:38 PM



#74
 Di-n-butylphthalate
 Concen: 49.139 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.3	4.3	6.5





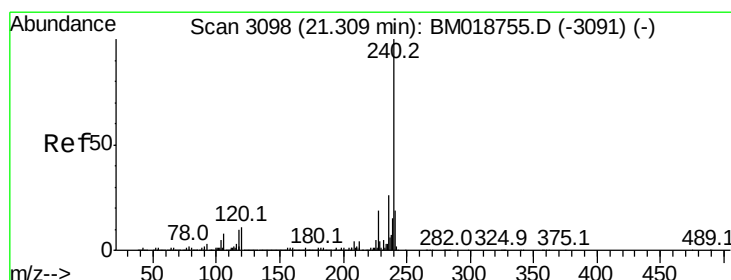
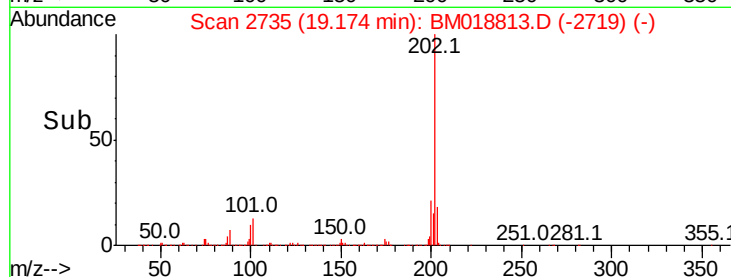
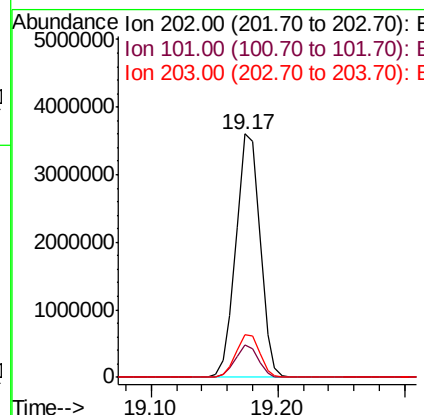
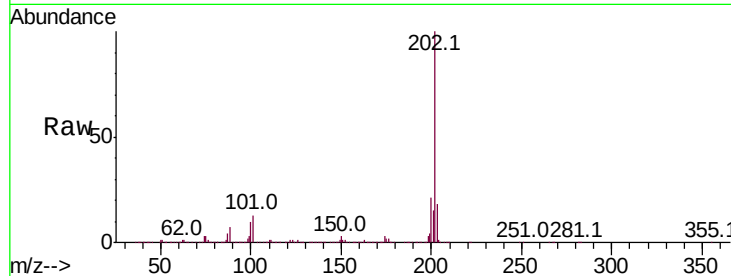
#75
 Fluoranthene
 Concen: 50.188 ng
 RT: 19.17 min Scan# 2735
 Delta R.T. -0.01 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.5
203	17.7	0.0	37.3

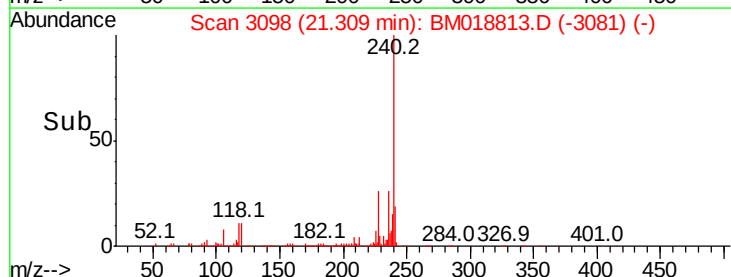
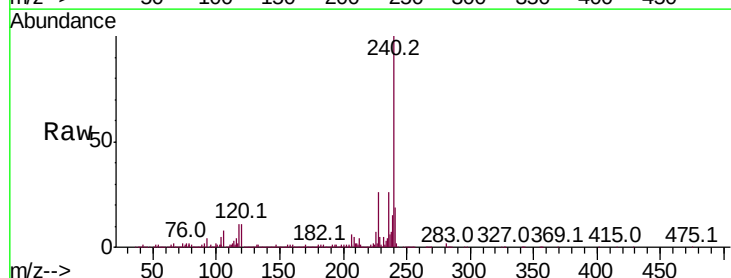
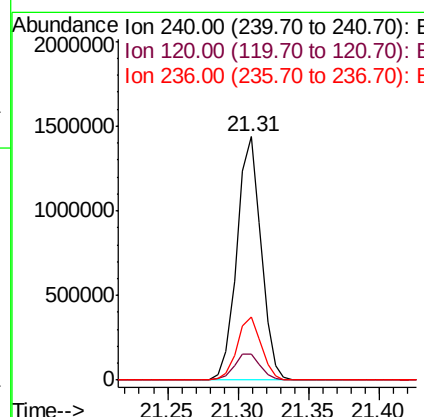
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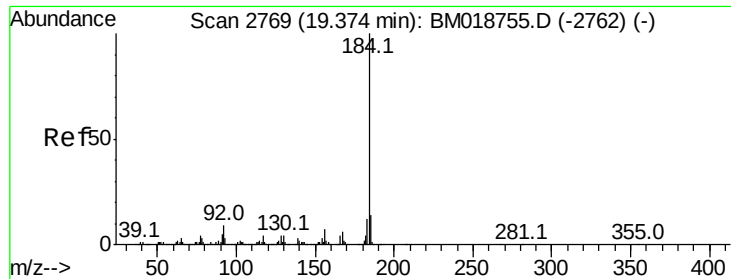
Sohil
 2/14/2019 1:50:38 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

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





#77

Benzidine

Concen: 35.542 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion:184 Resp: 1373326

Ion Ratio Lower Upper

184 100

185 14.2 11.2 16.8

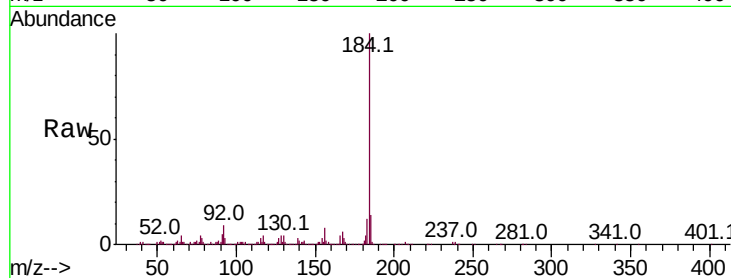
183 11.8 9.7 14.5

Manual Integrations

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Sohil

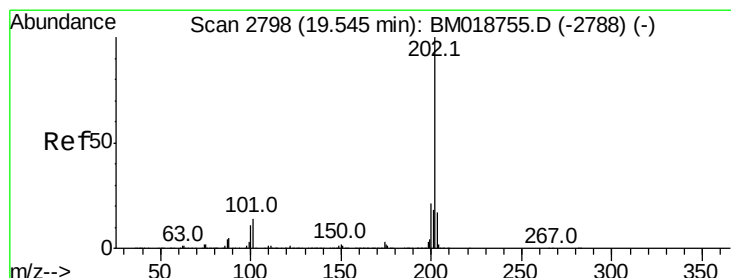
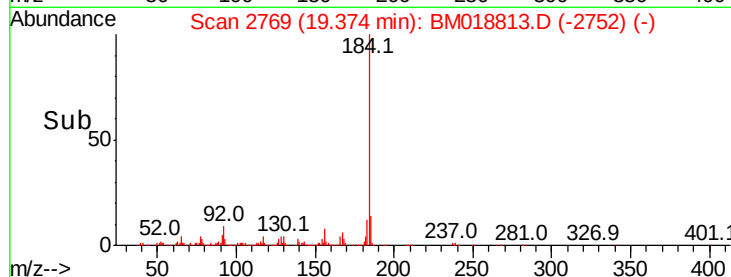
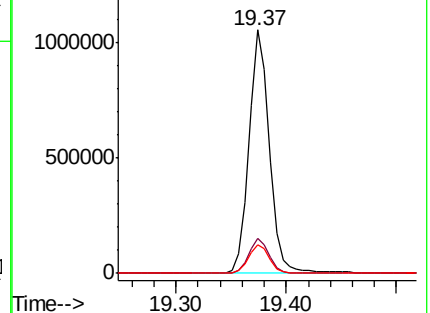
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.595 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

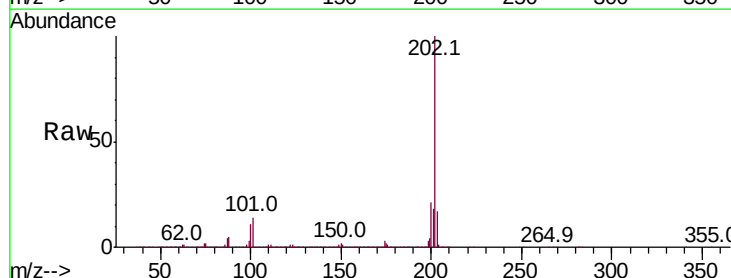
Tgt Ion:202 Resp: 4842283

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

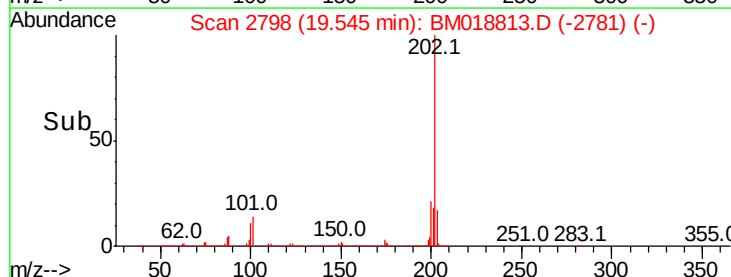
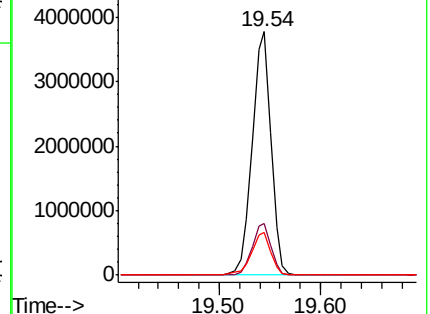
203 17.4 13.8 20.8

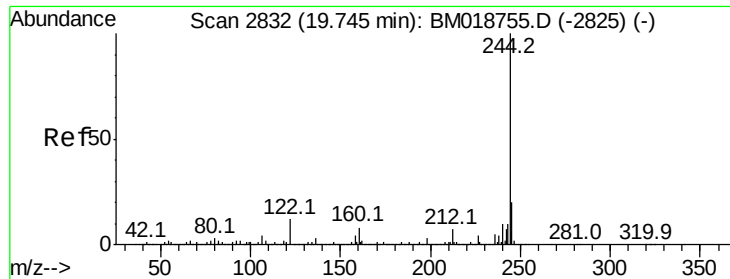


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





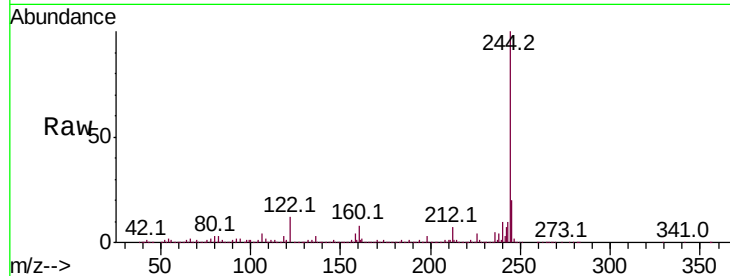
#79
 Terphenyl-d14
 Concen: 98.593 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01MSD

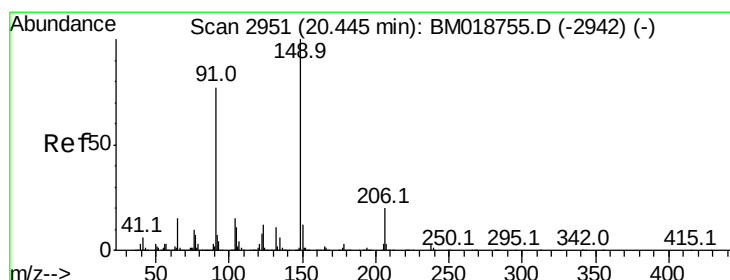
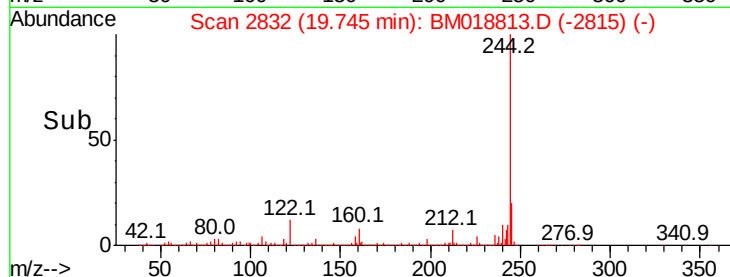
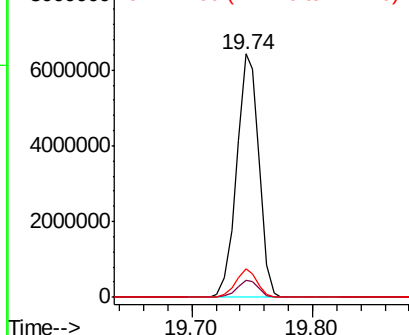
Tot Ion:244 Resp: 8199800
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.8 9.3 13.9

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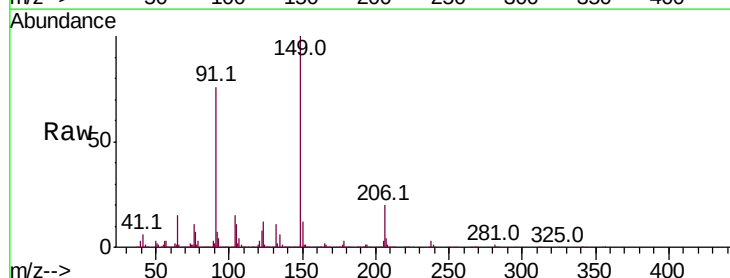


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

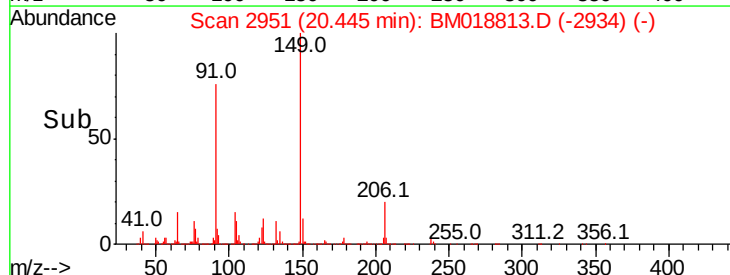
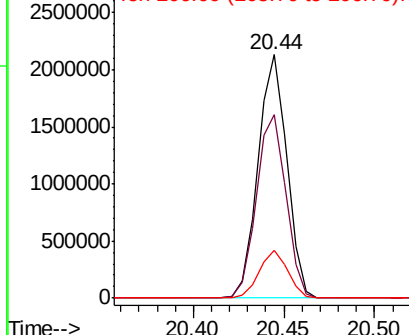


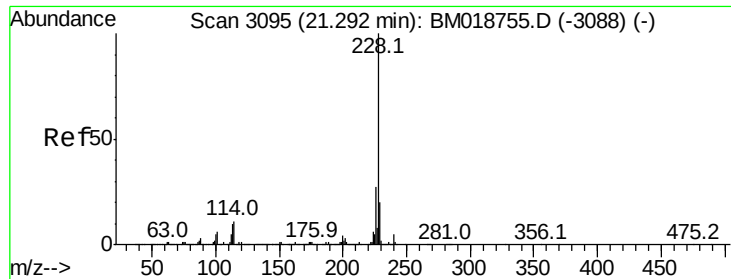
#80
 Butylbenzylphthalate
 Concen: 51.868 ng
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: BM018813.D
 Acq: 13 Feb 2019 22:01

Tgt Ion:149 Resp: 2355442
 Ion Ratio Lower Upper
 149 100
 91 75.6 61.4 92.0
 206 19.8 15.8 23.8



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





#81

Benzo(a)anthracene

Concen: 49.641 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion:228 Resp: 4964620

Ion Ratio Lower Upper

228 100

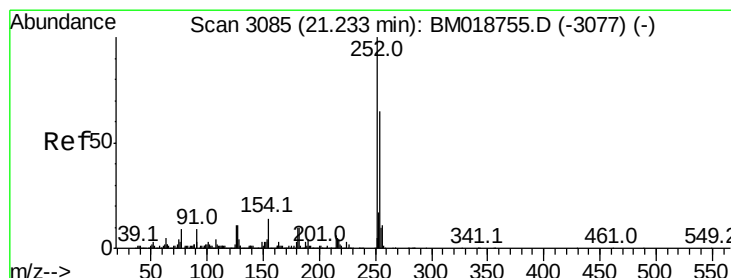
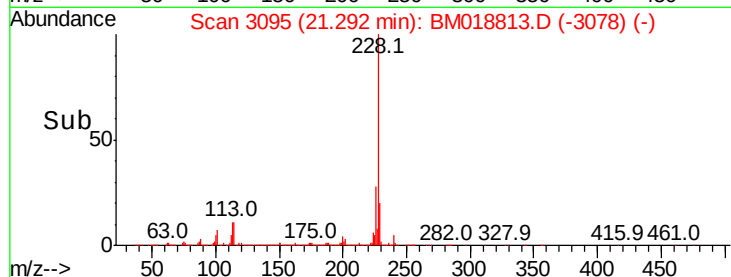
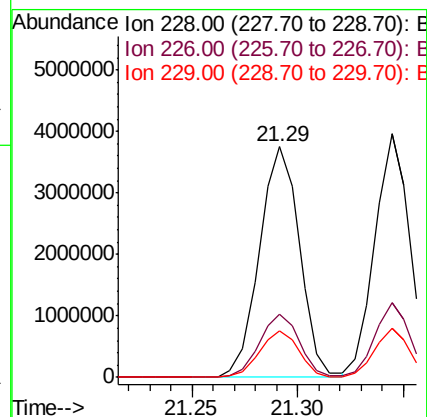
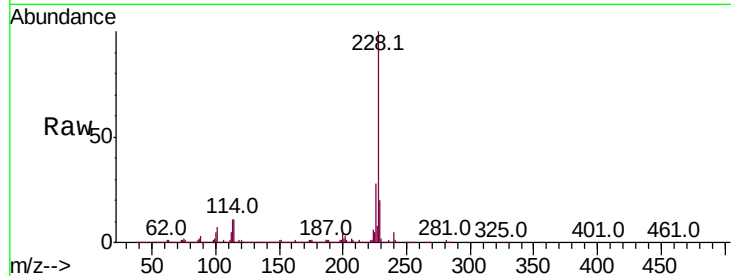
226 27.7 21.9 32.9

229 20.2 15.9 23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 21.607 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

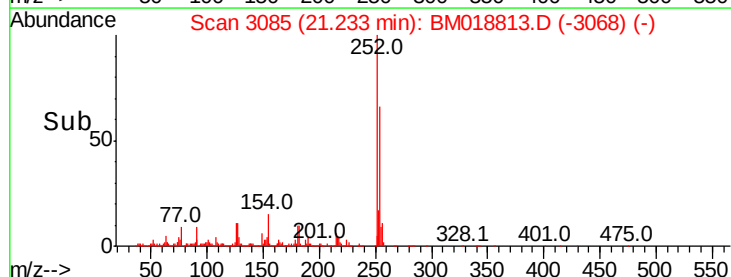
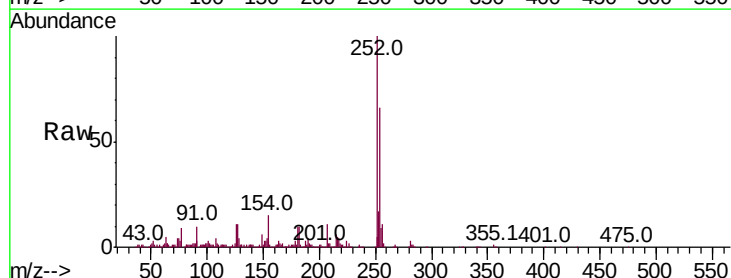
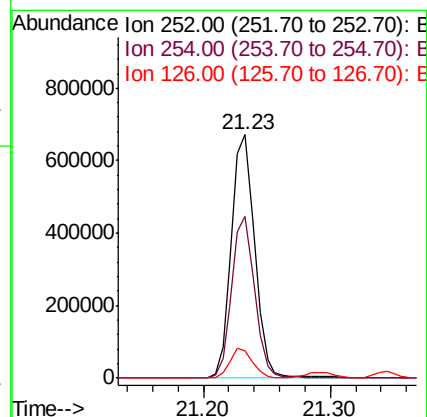
Tgt Ion:252 Resp: 854039

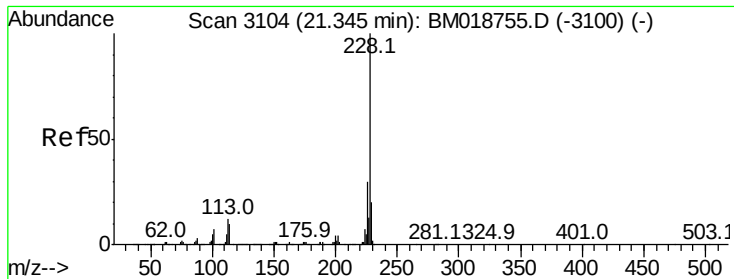
Ion Ratio Lower Upper

252 100

254 66.2 51.8 77.8

126 11.2 9.1 13.7





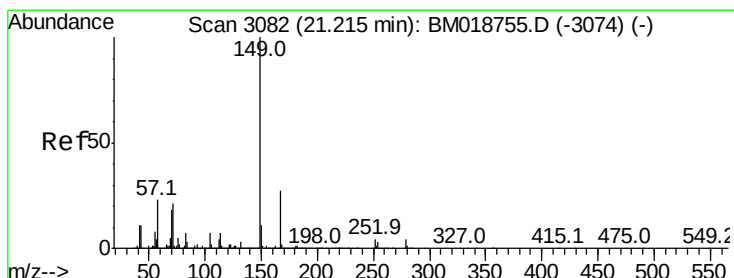
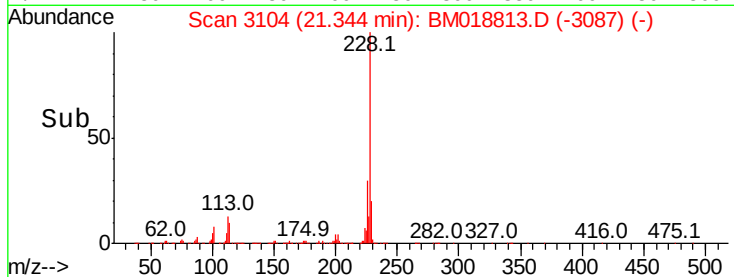
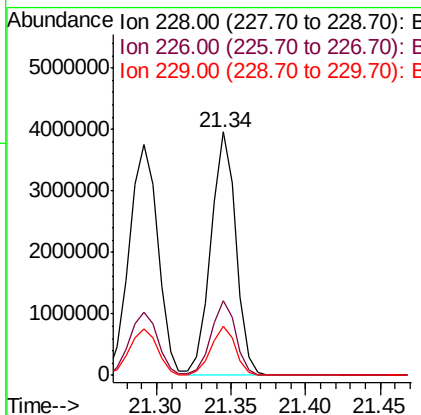
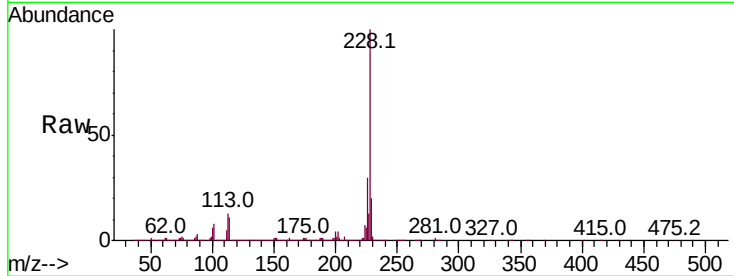
#83
Chrysene
Concen: 47.948 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	20.3	16.0	24.0

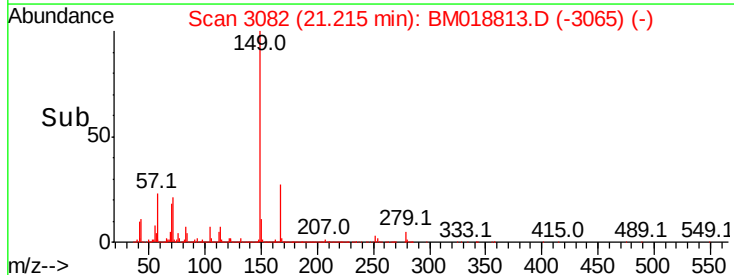
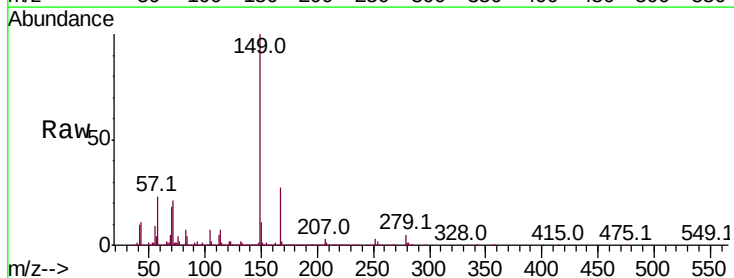
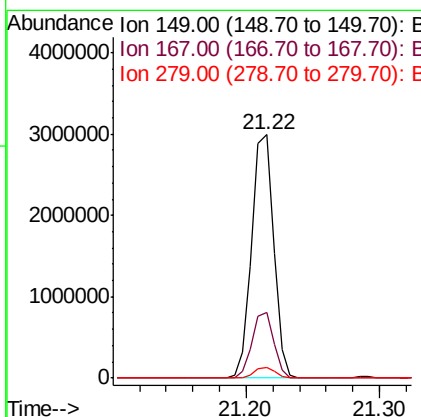
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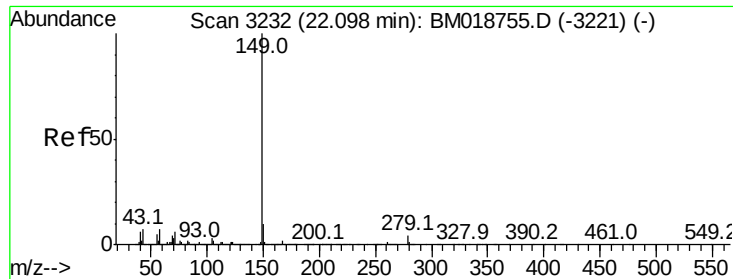
Sohil
2/14/2019 1:50:38 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.696 ng
RT: 21.22 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.6
279	4.6	3.6	5.4





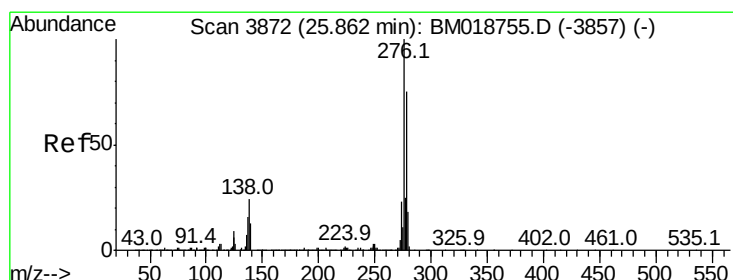
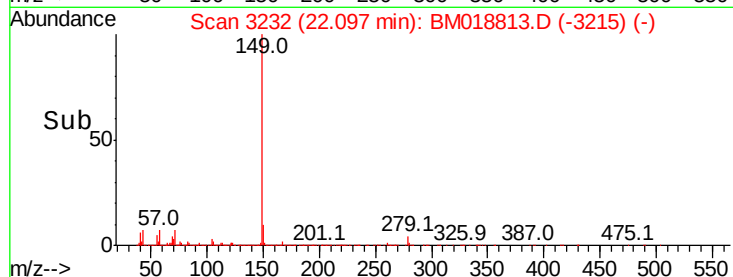
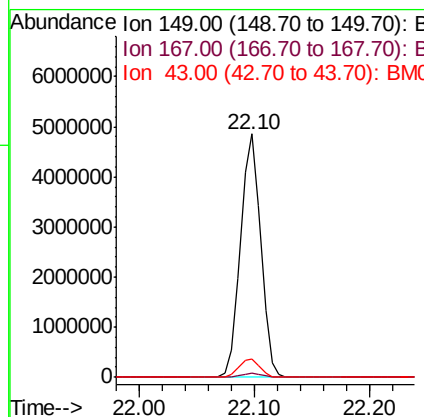
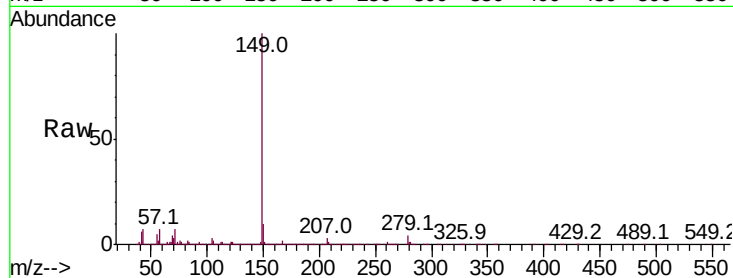
#85
Di-n-octyl phthalate
Concen: 52.840 ng
RT: 22.10 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

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

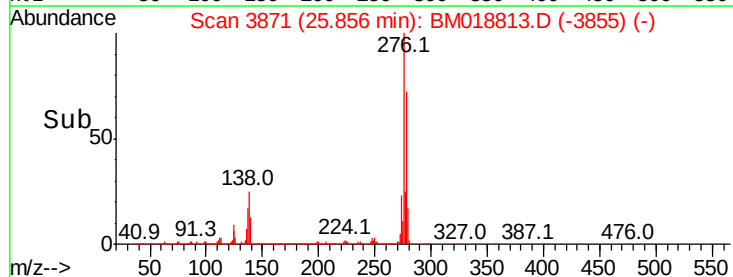
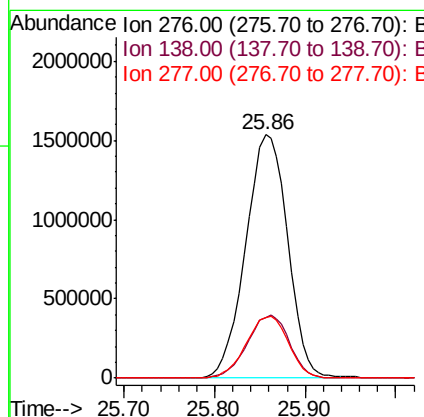
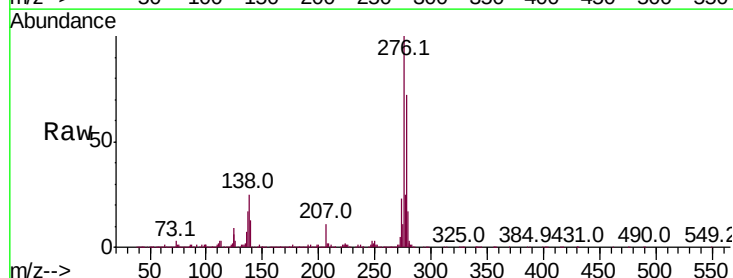
Manual Integrations
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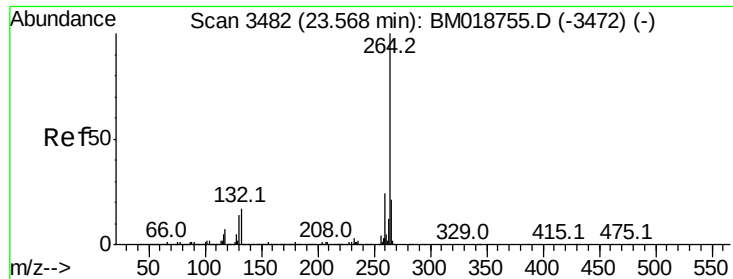
Sohil
2/14/2019 1:50:38 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.622 ng
RT: 25.86 min Scan# 3871
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.2	30.4
277	25.5	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01MSD

Tot Ion:264 Resp: 1682435

Ion Ratio Lower Upper

264 100

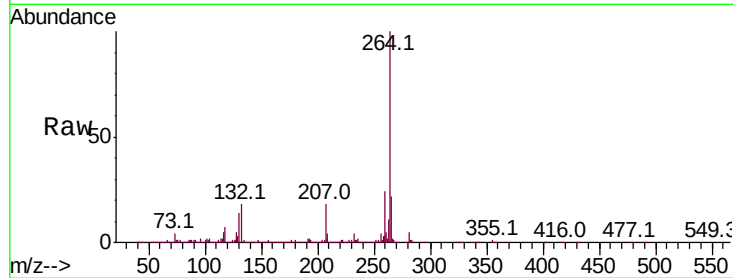
260 23.7 18.9 28.3

265 21.6 17.3 25.9

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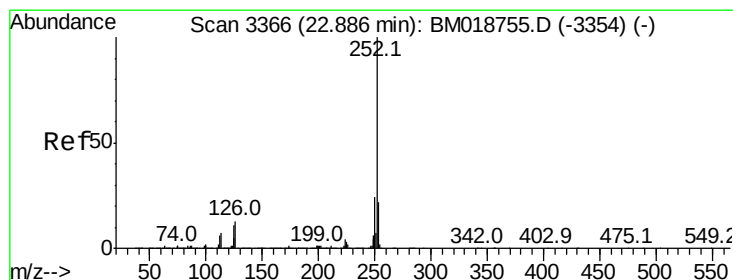
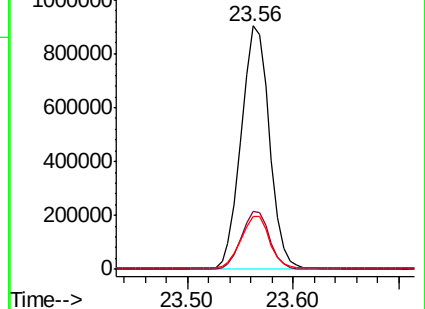
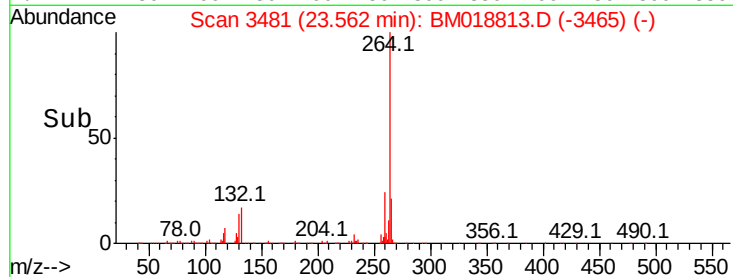
2/14/2019 1:50:38 PM



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: 52.704 ng

RT: 22.89 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM018813.D

Acq: 13 Feb 2019 22:01

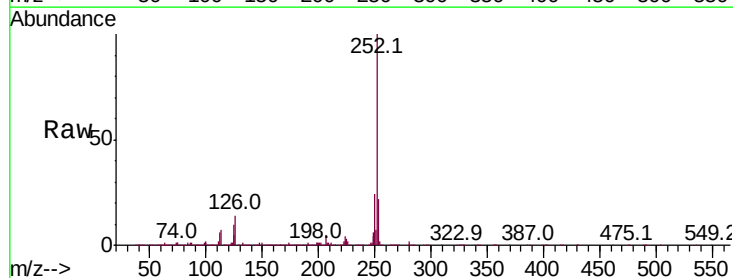
Tgt Ion:252 Resp: 5073181

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

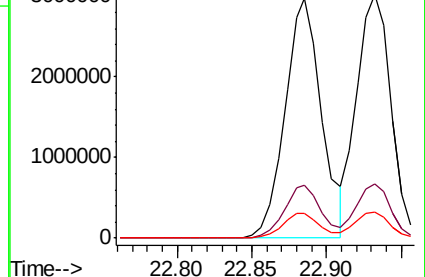
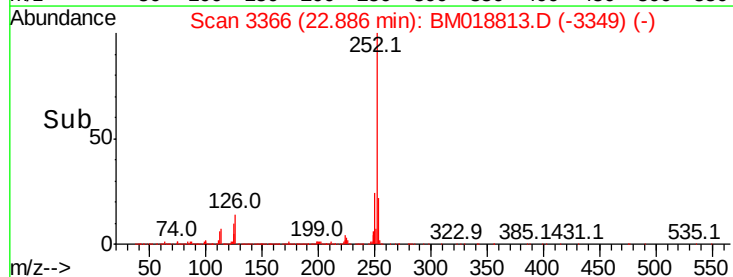
125 10.5 8.6 12.8

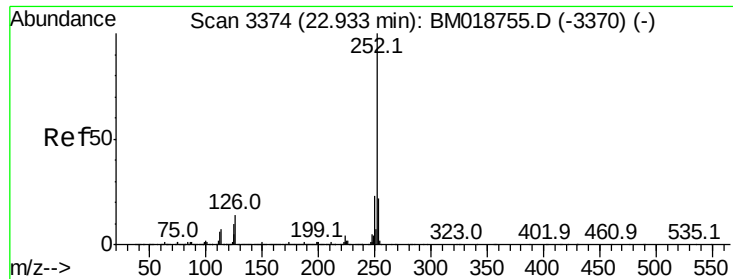


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





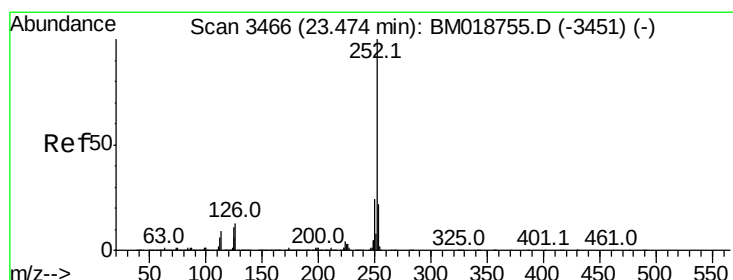
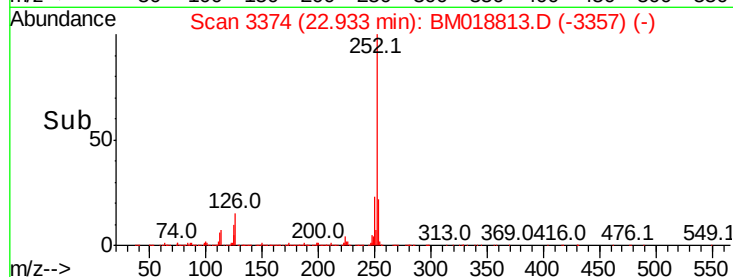
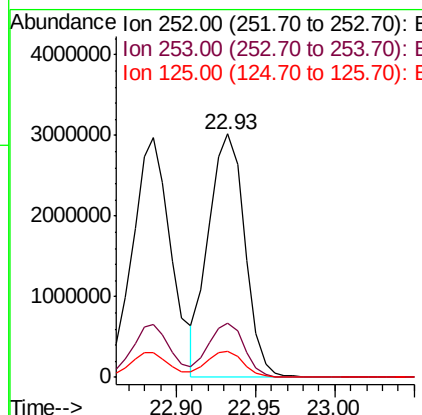
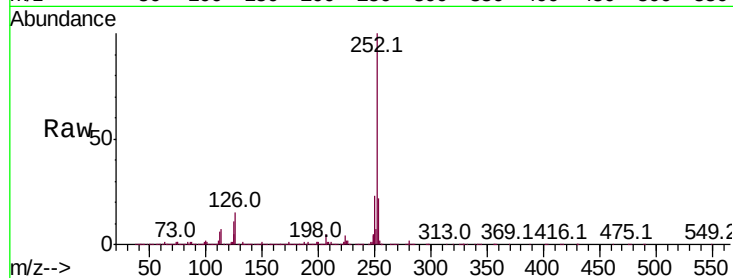
#89
Benzo(k)fluoranthene
Concen: 50.155 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.5	8.2	12.4

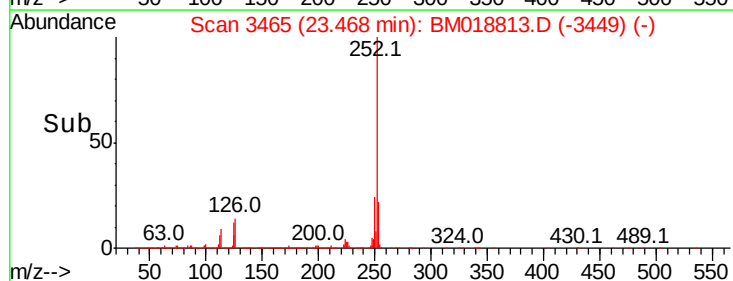
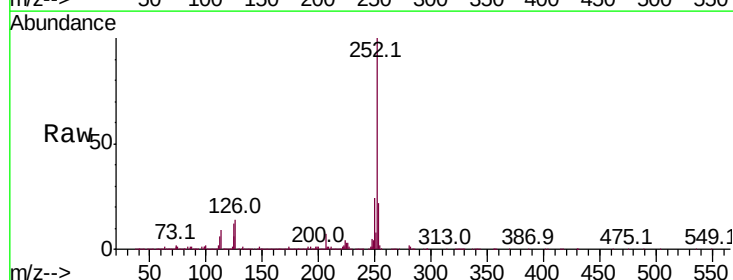
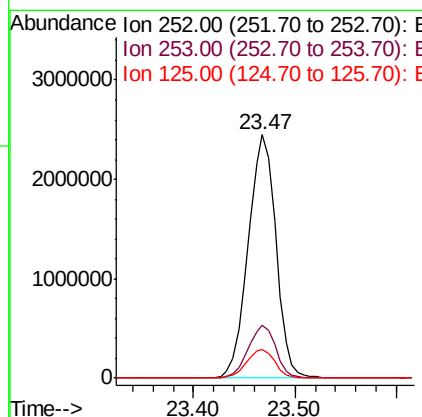
Manual Integrations
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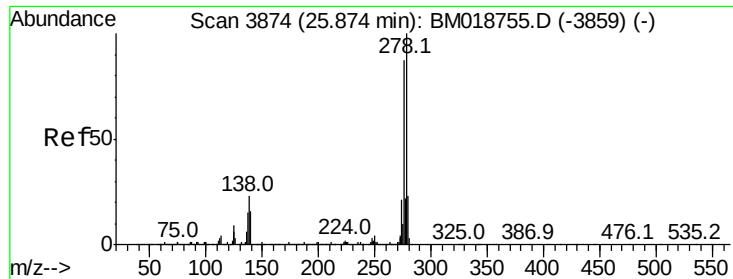
Sohil
2/14/2019 1:50:38 PM



#90
Benzo(a)pyrene
Concen: 50.981 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.7	8.6	13.0





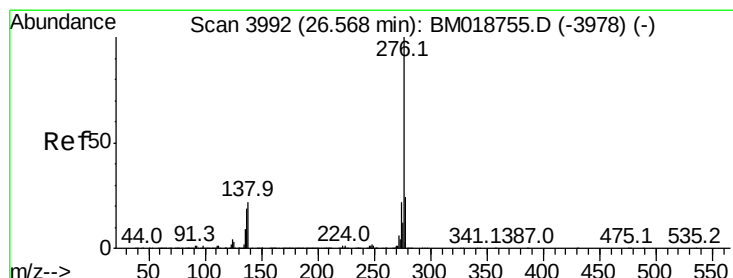
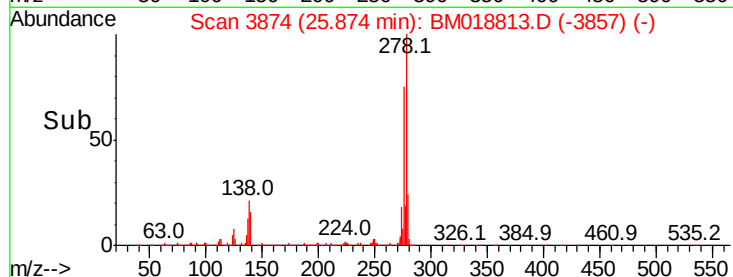
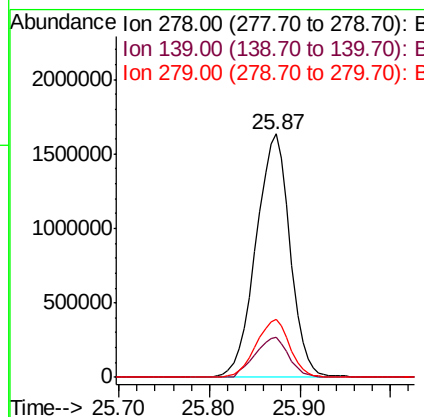
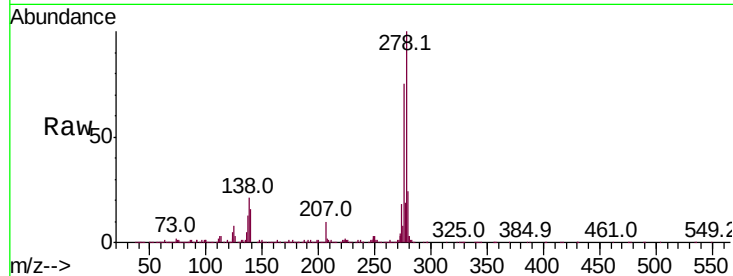
#91
Dibenzo(a,h)anthracene
Concen: 47.225 ng
RT: 25.87 min Scan# 3874
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Tot Ion:278 Resp: 4266511
Ion Ratio Lower Upper
278 100
139 16.3 12.6 18.8
279 23.7 18.6 28.0

Manual Integrations
APPROVED

Sohil
2/14/2019 1:50:38 PM



#92
Benzo(g,h,i)perylene
Concen: 46.012 ng
RT: 26.57 min Scan# 3992
Delta R.T. -0.00 min
Lab File: BM018813.D
Acq: 13 Feb 2019 22:01

Tgt Ion:276 Resp: 3869948
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 21.3 17.3 25.9

