

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018914.D
 Acq On : 25 Feb 2019 14:11
 Operator : JU/SJ
 Sample : K1586-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-1MS

Manual Integrations
 APPROVED

Sohil
 2/26/2019 12:06:01 PM

Quant Time: Feb 26 03:13:52 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 25 12:45:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	207021	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	794664	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	425625	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	921407	20.00	ng	0.00
76) Chrysene-d12	21.29	240	1057325	20.00	ng	0.00
87) Perylene-d12	23.54	264	1143719	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1621854	128.36	ng	0.00
7) Phenol-d6	6.87	99	2249242	126.36	ng	0.00
23) Nitrobenzene-d5	8.86	82	1432446	83.35	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	793569	129.35	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	2523657	78.71	ng	0.00
79) Terphenyl-d14	19.73	244	3690305	72.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	175869	31.958	ng	97
3) Pyridine	3.65	79	538228	35.856	ng	100
4) n-Nitrosodimethylamine	3.56	42	169830	44.473	ng	91
6) Aniline	7.03	93	817891	37.503	ng	99
8) 2-Chlorophenol	7.26	128	546361	39.386	ng	98
9) Benzaldehyde	6.85	77	276208	25.633	ng	99
10) Phenol	6.89	94	809160	43.204	ng	100
11) bis(2-Chloroethyl)ether	7.13	93	523627	36.652	ng	99
12) 1,3-Dichlorobenzene	7.58	146	570078	36.547	ng	98
13) 1,4-Dichlorobenzene	7.73	146	588527	37.061	ng	98
14) 1,2-Dichlorobenzene	8.04	146	560301	36.732	ng	99
15) Benzyl Alcohol	7.94	79	519235	36.713	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	512935	37.096	ng	98
17) 2-Methylphenol	8.13	107	464222	38.944	ng	97
18) Hexachloroethane	8.75	117	214617	37.023	ng	97
19) n-Nitroso-di-n-propylamine	8.50	70	487084	35.343	ng	99
20) 3+4-Methylphenols	8.46	107	623084	37.854	ng	99
22) Acetophenone	8.52	105	810993	37.162	ng	# 99
24) Nitrobenzene	8.90	77	695118	38.966	ng	99
25) Isophorone	9.42	82	1193214	43.513	ng	100
26) 2-Nitrophenol	9.60	139	282191	39.721	ng	99
27) 2,4-Dimethylphenol	9.66	122	468856	45.186	ng	98
28) bis(2-Chloroethoxy)methane	9.90	93	705897	39.807	ng	99
29) 2,4-Dichlorophenol	10.13	162	482093	40.463	ng	100
30) 1,2,4-Trichlorobenzene	10.34	180	528279	38.394	ng	99
31) Naphthalene	10.53	128	1610543	41.555	ng	100
32) Benzoic acid	9.76	122	74333m	8.212	ng	
33) 4-Chloroaniline	10.66	127	576794	33.293	ng	99
34) Hexachlorobutadiene	10.79	225	287048	35.942	ng	99
35) Caprolactam	11.47	113	156718m	32.230	ng	
36) 4-Chloro-3-methylphenol	11.77	107	549277	38.238	ng	99
37) 2-Methylnaphthalene	12.15	142	1157388	42.416	ng	99
38) 1-Methylnaphthalene	12.37	142	1095274	41.047	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	541922	39.802	ng	99

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 12:45:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	663676	95.340	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	376839	41.809	ng	99
44) 2,4,5-Trichlorophenol	12.84	196	397038	42.027	ng	99
46) 1,1'-Biphenyl	13.17	154	1435682	39.187	ng	99
47) 2-Chloronaphthalene	13.22	162	1119995	39.579	ng	100
48) 2-Nitroaniline	13.44	65	383660	40.822	ng	100
49) Acenaphthylene	14.06	152	1818176	43.150	ng	99
50) Dimethylphthalate	13.81	163	1552381	43.764	ng	100
51) 2,6-Dinitrotoluene	13.94	165	305587	39.770	ng	100
52) Acenaphthene	14.41	154	1038383	40.190	ng	99
53) 3-Nitroaniline	14.27	138	289033	33.291	ng	98
54) 2,4-Dinitrophenol	14.48	184	325439	67.702	ng	99
55) Dibenzofuran	14.74	168	1687258	39.731	ng	99
56) 4-Nitrophenol	14.58	139	539162	77.794	ng	97
57) 2,4-Dinitrotoluene	14.73	165	429355	40.555	ng	99
58) Fluorene	15.40	166	1364617	42.003	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	359032	42.995	ng	99
60) Diethylphthalate	15.17	149	1473746	40.277	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	667583	36.649	ng	99
62) 4-Nitroaniline	15.44	138	315698	37.091	ng	97
63) Azobenzene	15.69	77	1534867	39.122	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	241992	37.406	ng	99
66) n-Nitrosodiphenylamine	15.61	169	1191363	40.925	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	395152	38.314	ng	96
68) Hexachlorobenzene	16.39	284	469345	39.151	ng	98
69) Atrazine	16.57	200	372896	39.733	ng	99
70) Pentachlorophenol	16.74	266	624722	80.935	ng	100
71) Phenanthrene	17.14	178	2163900	43.699	ng	99
72) Anthracene	17.23	178	2186060	45.357	ng	99
73) Carbazole	17.51	167	2028285	40.280	ng	99
74) Di-n-butylphthalate	18.06	149	2537325	43.814	ng	100
75) Fluoranthene	19.16	202	2536509	44.345	ng	99
77) Benzidine	19.36	184	1828422	76.784	ng	99
78) Pyrene	19.53	202	2619699	42.660	ng	99
80) Butylbenzylphthalate	20.43	149	1247692	44.582	ng	97
81) Benzo(a)anthracene	21.28	228	2694776	43.723	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	877983	36.044	ng	99
83) Chrysene	21.33	228	2525897	42.758	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	1802106	43.996	ng	98
85) Di-n-octyl phthalate	22.08	149	3149570	45.750	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3488048	51.141	ng	100
88) Benzo(b)fluoranthene	22.86	252	2779137	42.471	ng	100
89) Benzo(k)fluoranthene	22.91	252	2782073	42.705	ng	99
90) Benzo(a)pyrene	23.44	252	2757024	44.476	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2950891	48.048	ng	99
92) Benzo(g,h,i)perylene	26.53	276	2859745	50.016	ng	100

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

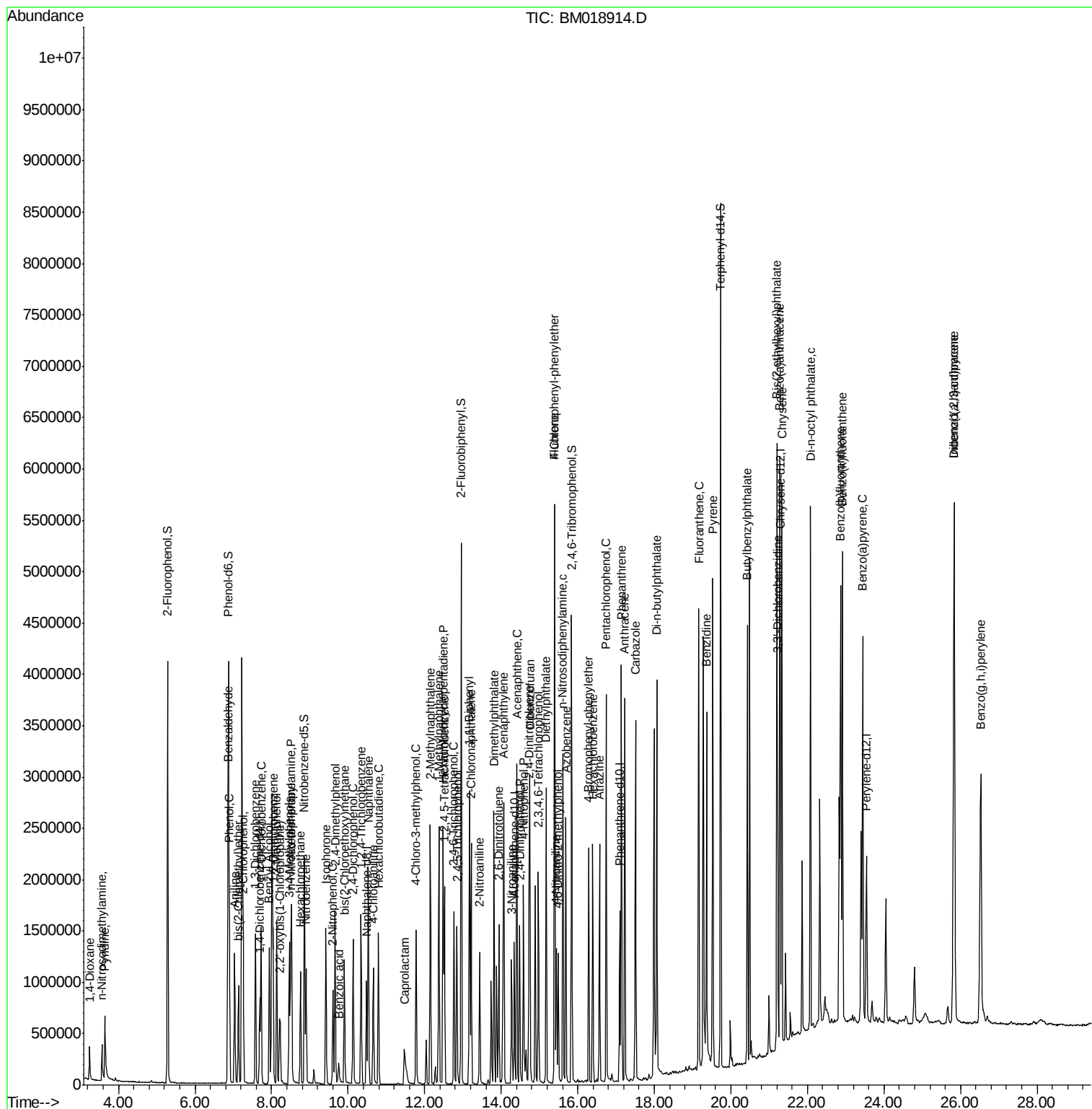
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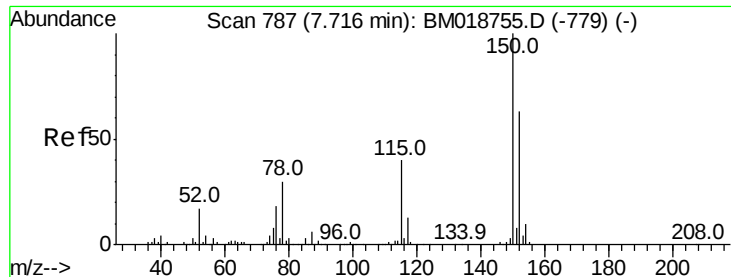
Instrument :
BNA_M
ClientSampled :
M-1MS

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#1

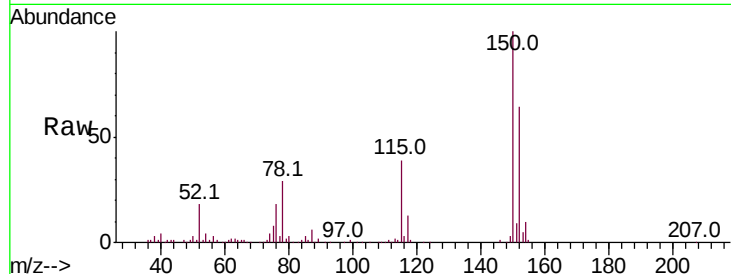
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.3	190.9
115	61.9	50.8	76.2

Manual Integrations
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2/26/2019 12:06:01 PM

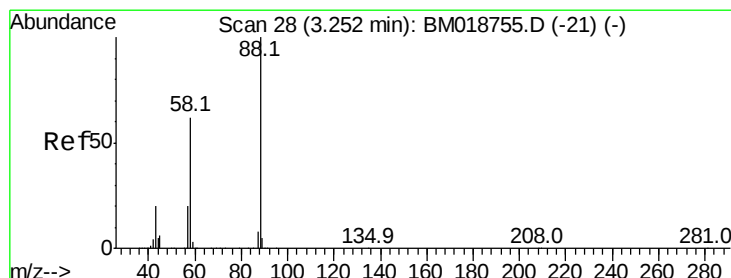
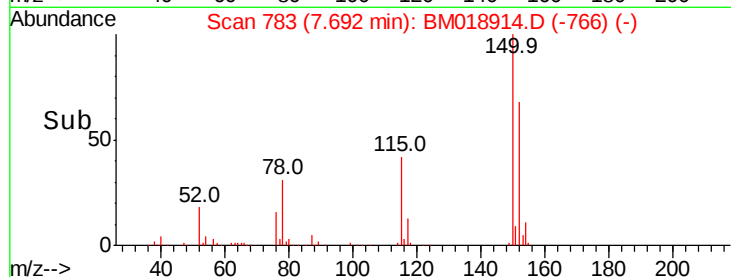
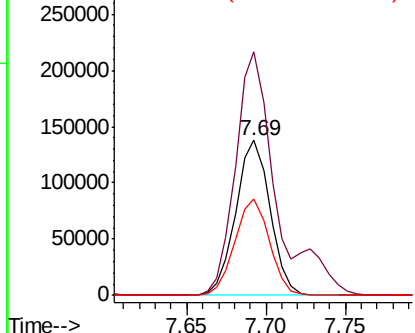


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

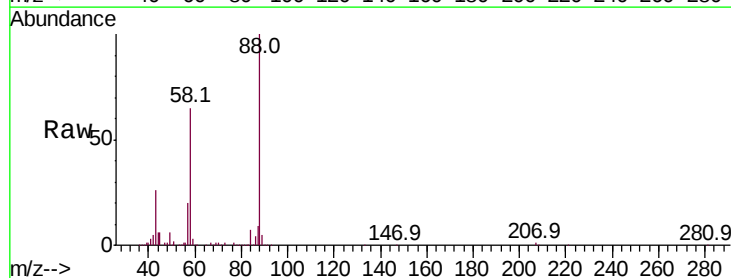
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.958 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.1	49.8	74.6
43	22.7	16.7	25.1

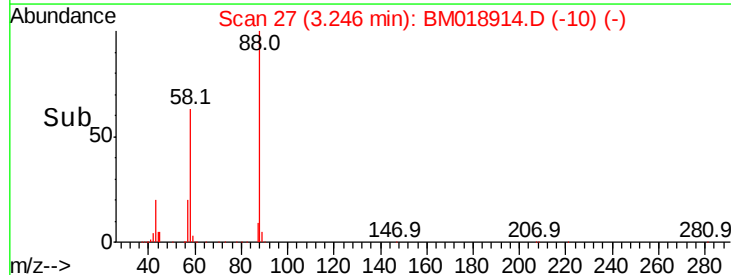
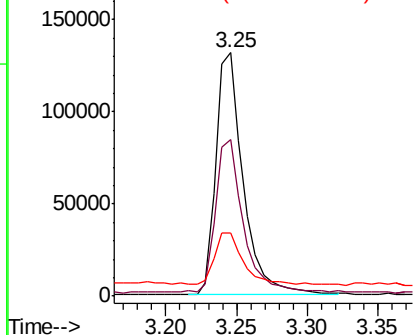


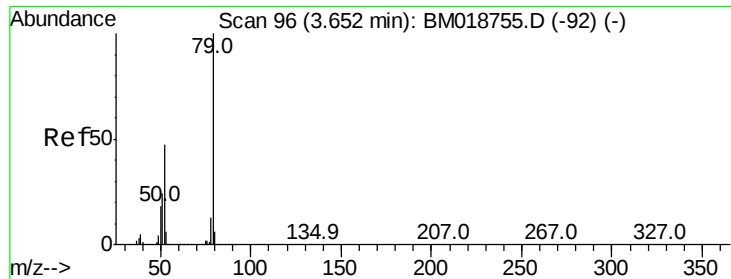
Abundance

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





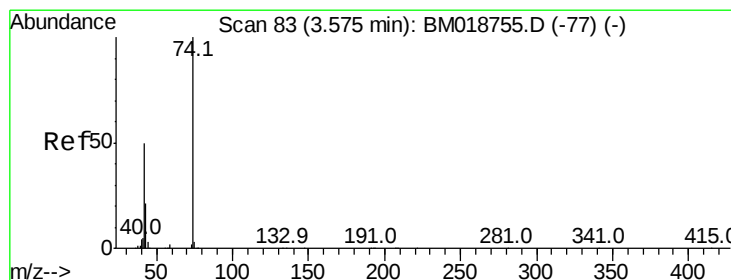
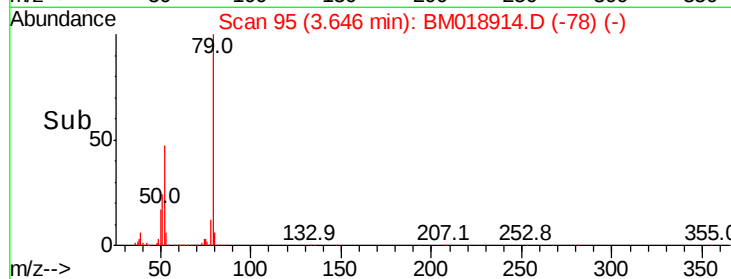
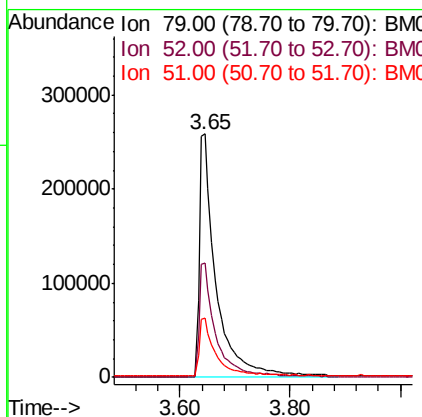
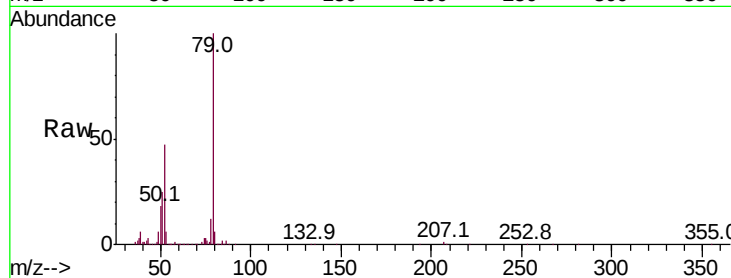
#3
Pvridine
Concen: 35.856 ng
RT: 3.65 min Scan# 95
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.8	37.6	56.4
51	24.6	19.7	29.5

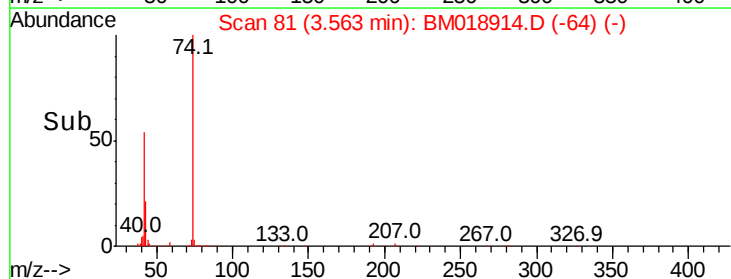
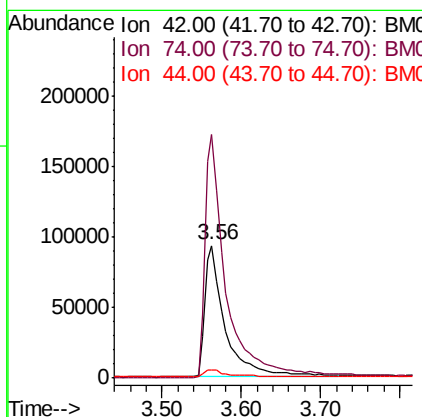
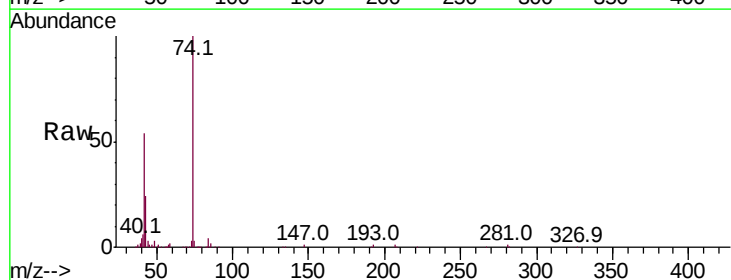
Manual Integrations
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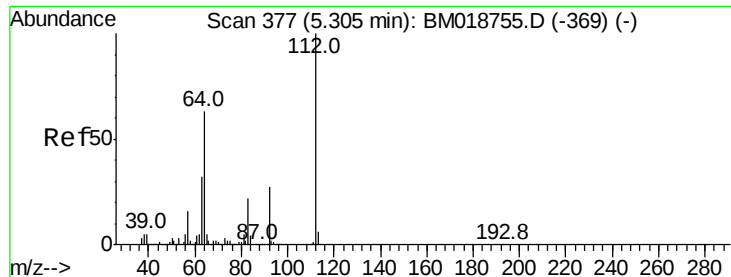
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#4
n-Nitrosodimethylamine
Concen: 44.473 ng
RT: 3.56 min Scan# 81
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	183.6	158.1	237.1
44	6.1	4.9	7.3





#5

2-Fluorophenol

Concen: 128.362 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

Tot Ion:112 Resp: 1621854

Ion Ratio Lower Upper

112 100

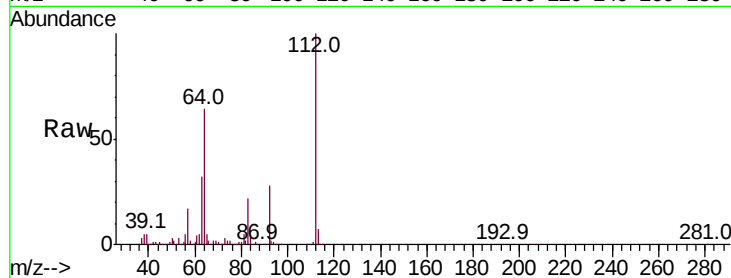
64 63.6 50.6 75.8

63 32.4 25.7 38.5

Manual Integrations
APPROVED

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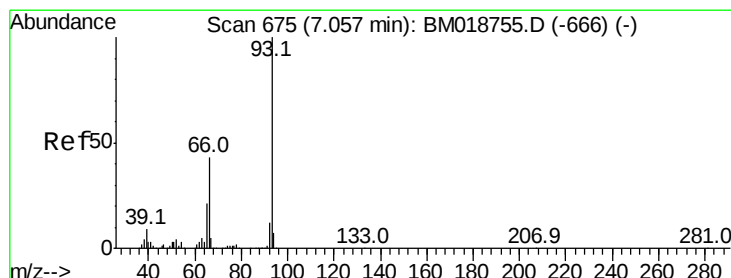
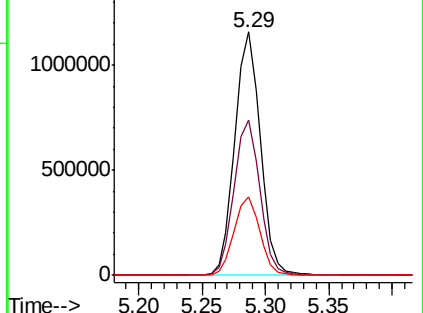
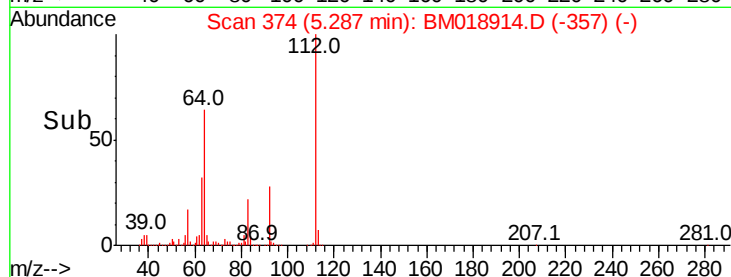
2/26/2019 12:06:01 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 37.503 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

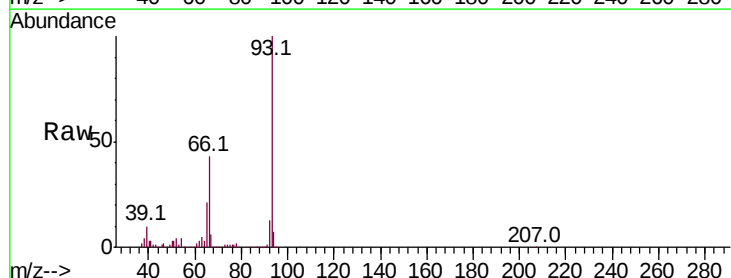
Tgt Ion: 93 Resp: 817891

Ion Ratio Lower Upper

93 100

66 42.9 34.1 51.1

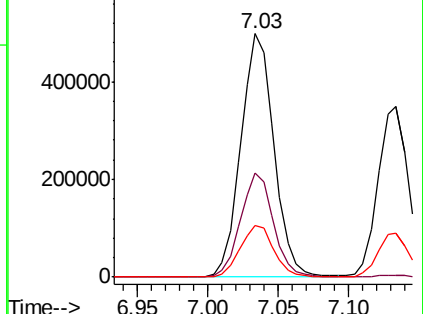
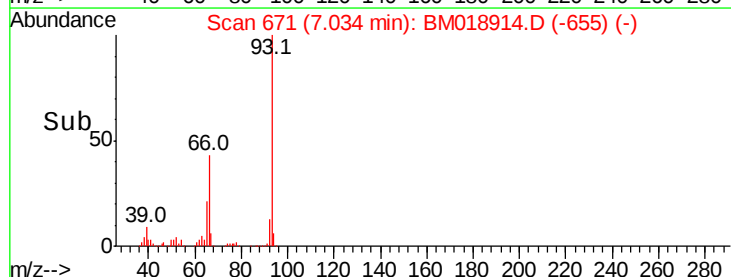
65 21.1 16.6 24.8

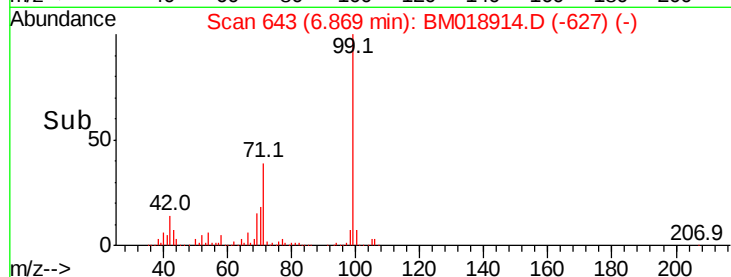
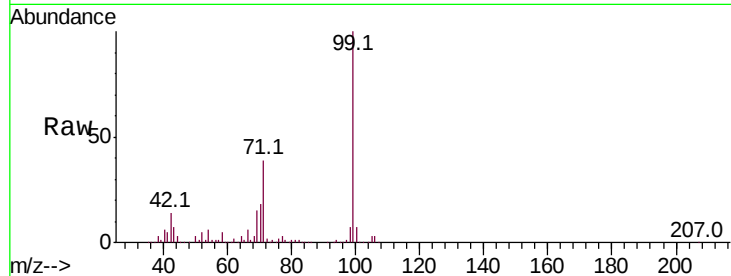
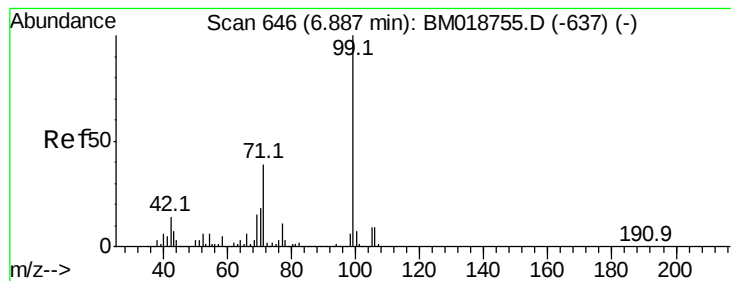


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 126.365 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tot Ion: 99 Resp: 2249242

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

71 38.7 31.3 46.9

Instrument :

BNA_M

ClientSampled :

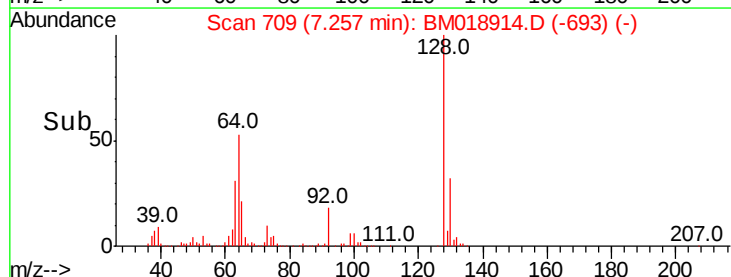
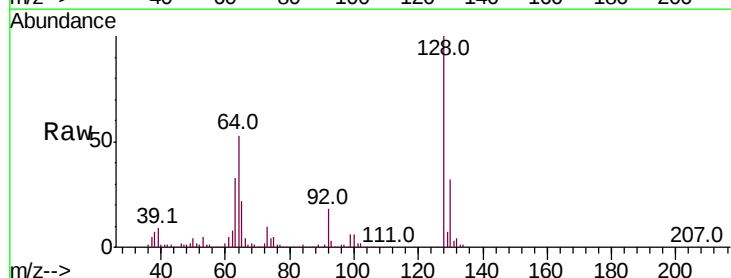
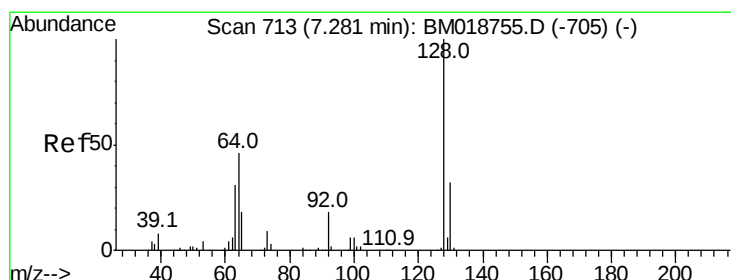
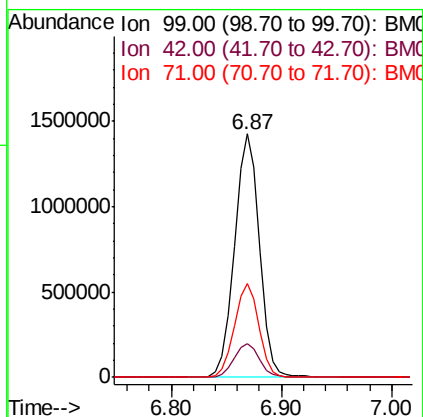
M-1MS

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.386 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

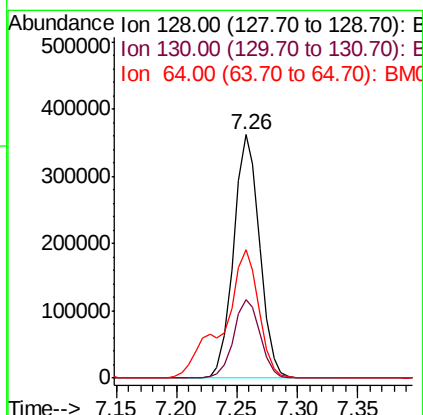
Tgt Ion:128 Resp: 546361

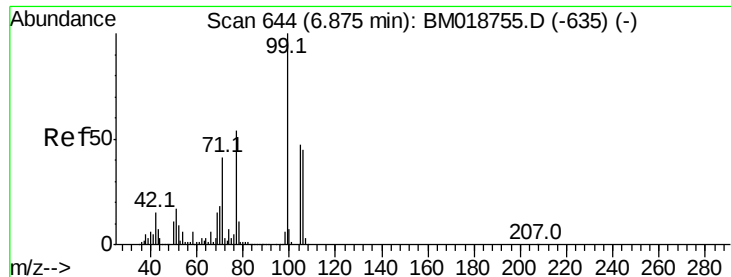
Ion Ratio Lower Upper

128 100

130 32.1 11.7 51.7

64 52.7 31.0 71.0





#9

Benzaldehyde

Concen: 25.633 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

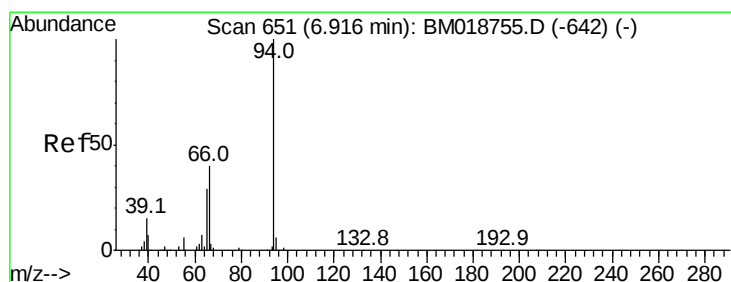
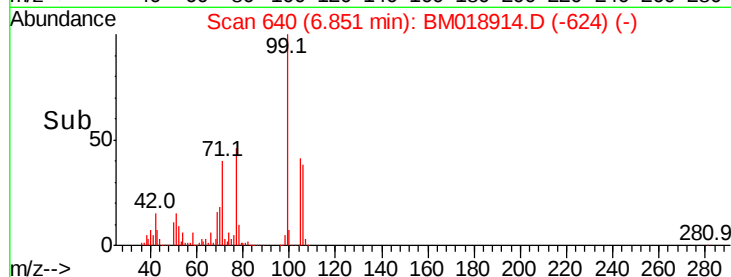
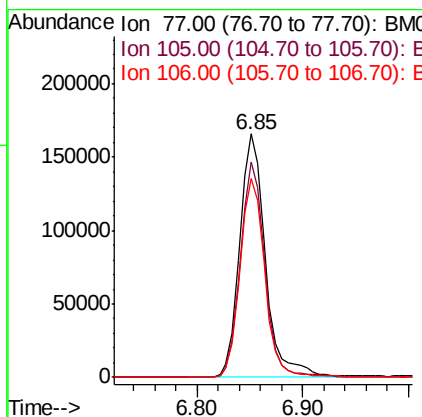
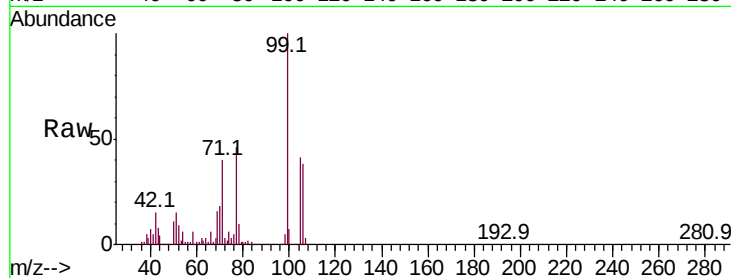
ClientSampled :

M-1MS

Tot Ion:	77	Resp:	276208
Ion Ratio	Lower	Upper	
77	100		
105	88.4	67.3	107.3
106	81.9	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 43.204 ng

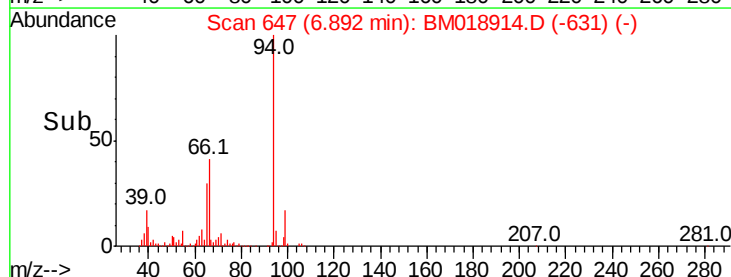
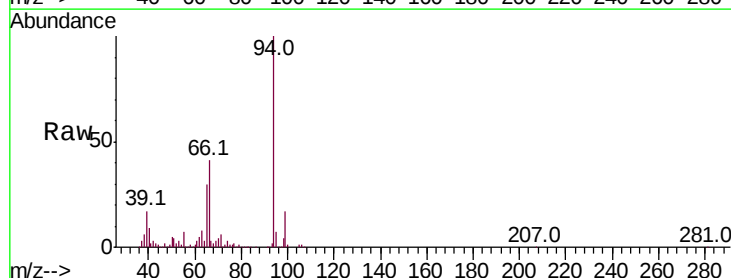
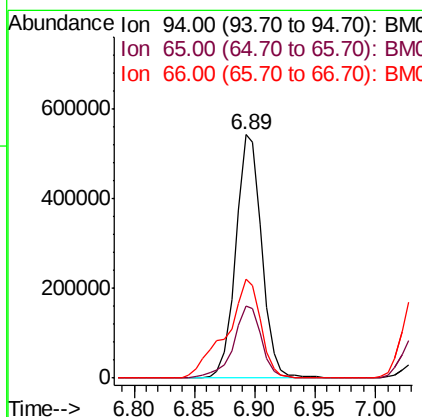
RT: 6.89 min Scan# 647

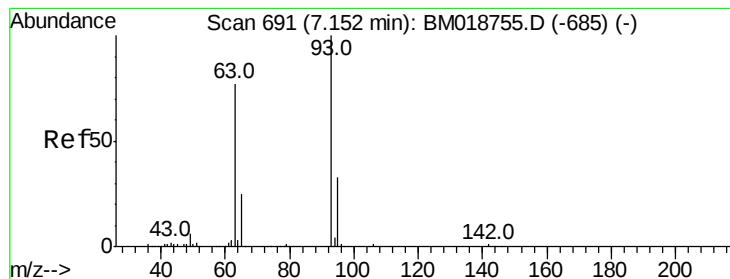
Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:	94	Resp:	809160
Ion Ratio	Lower	Upper	
94	100		
65	29.8	9.6	49.6
66	40.6	20.4	60.4





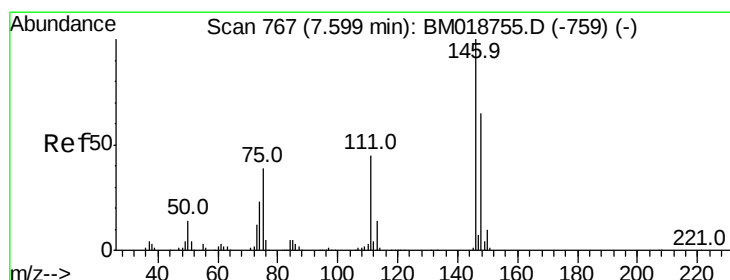
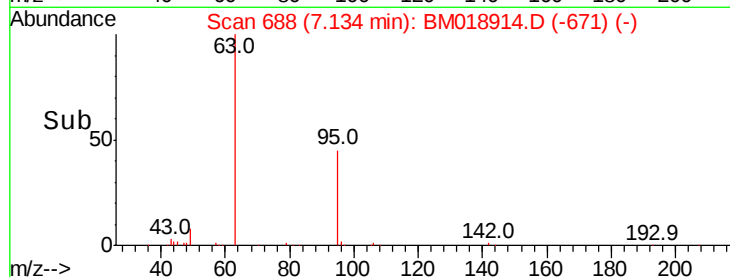
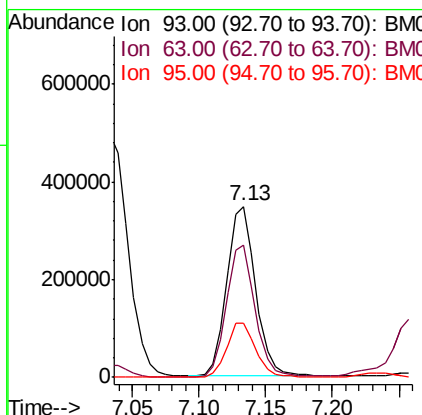
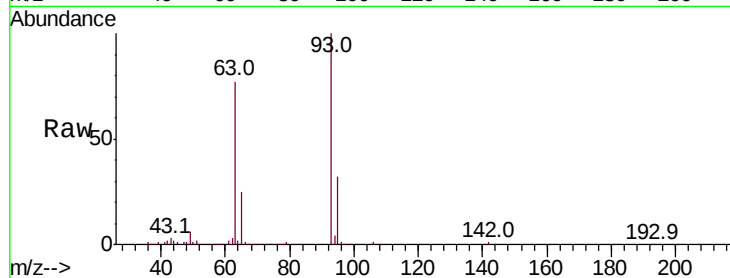
#11
bis(2-Chloroethyl)ether
Concen: 36.652 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.3	57.0	97.0
95	31.9	12.4	52.4

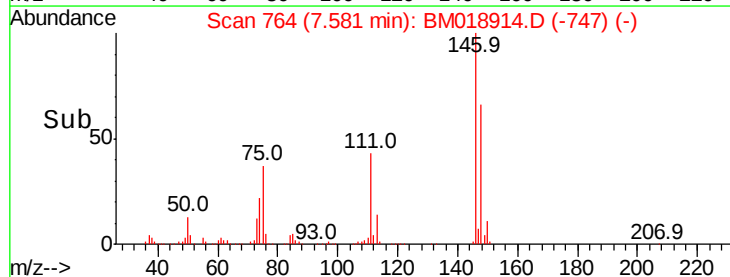
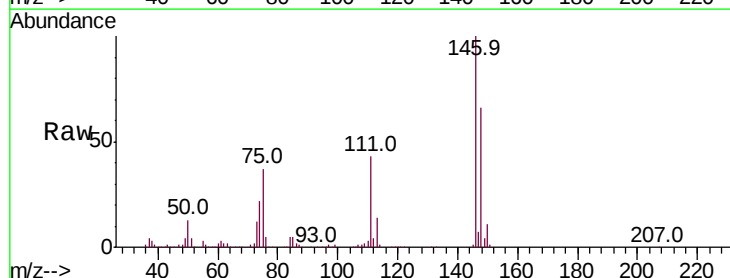
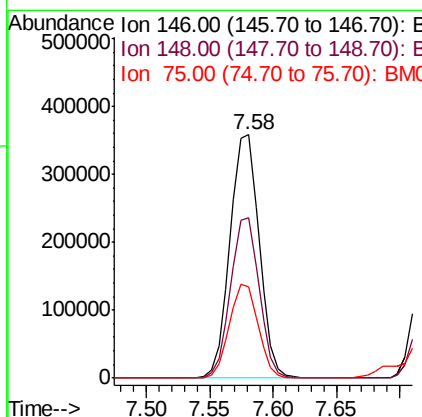
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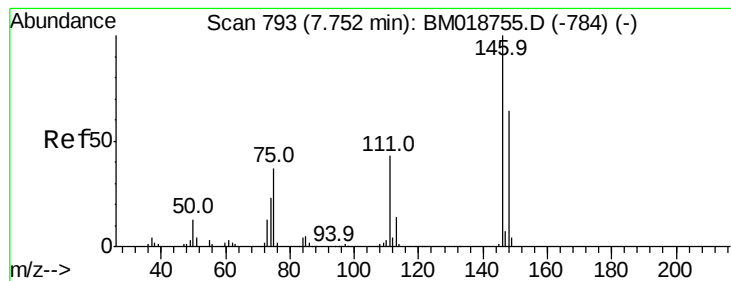
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#12
1,3-Dichlorobenzene
Concen: 36.547 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.7	77.5
75	37.5	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 37.061 ng

RT: 7.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

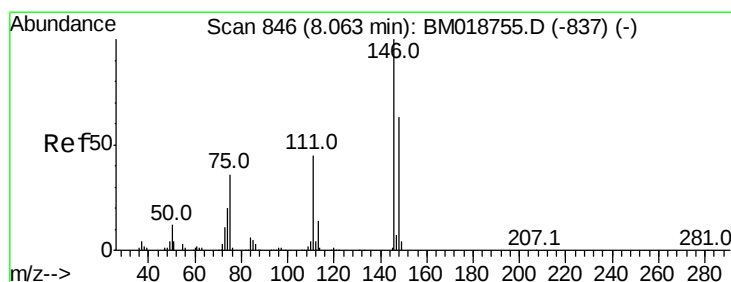
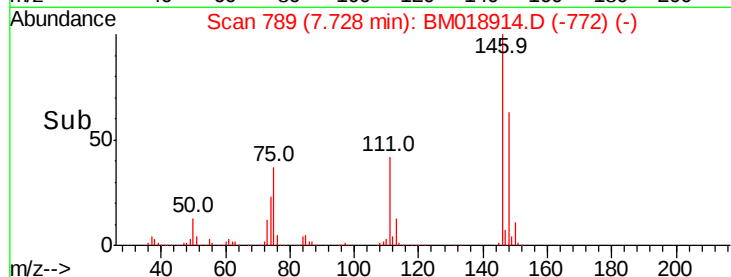
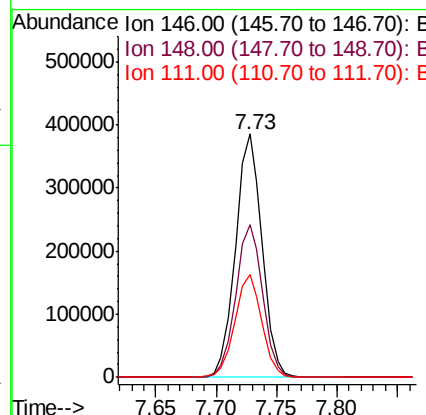
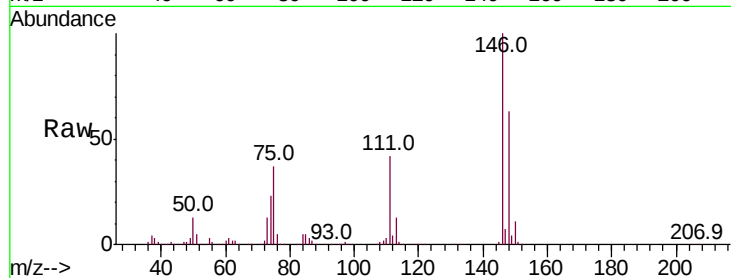
ClientSampled :

M-1MS

Tot Ion:	146	Resp:	588527
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.4	77.2
111	42.2	34.6	52.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.732 ng

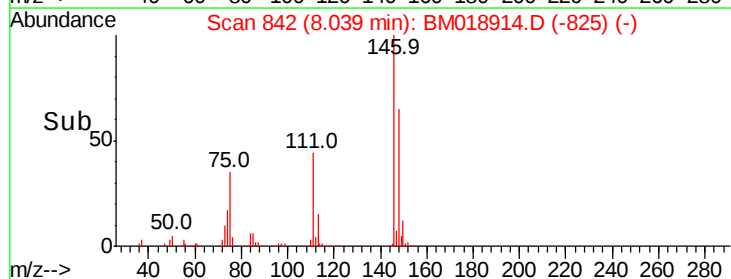
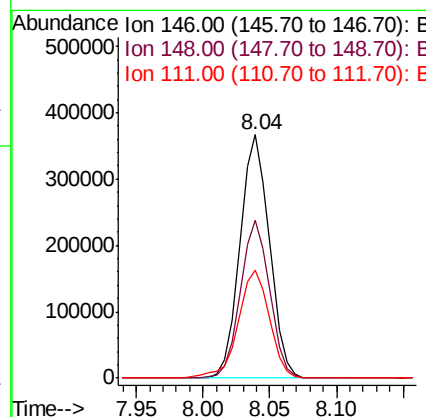
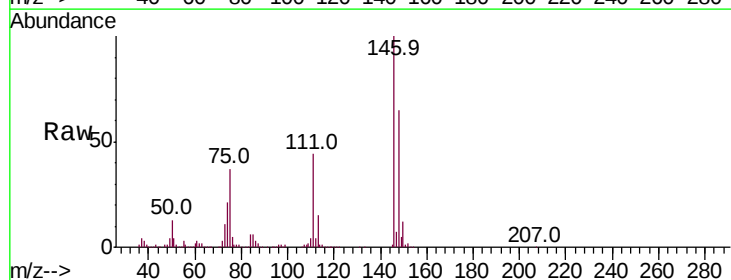
RT: 8.04 min Scan# 842

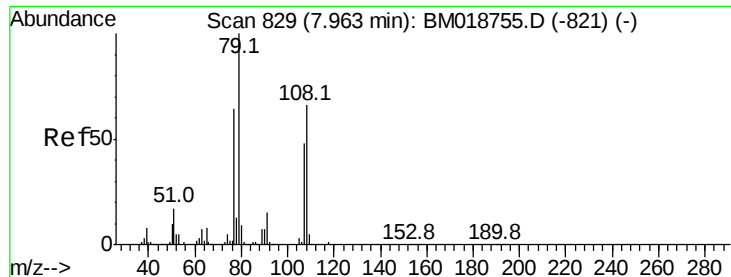
Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:	146	Resp:	560301
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.7	76.1
111	44.3	35.9	53.9





#15

Benzyl Alcohol

Concen: 36.713 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

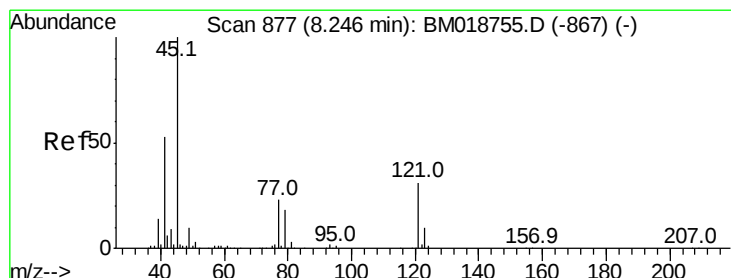
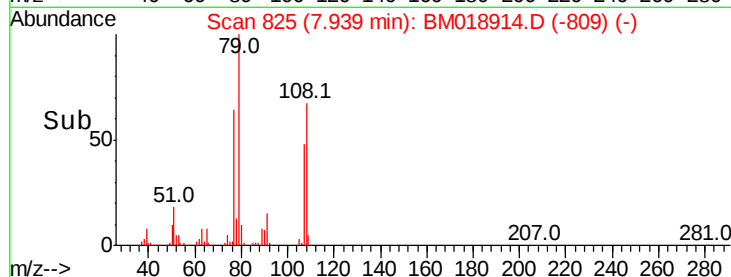
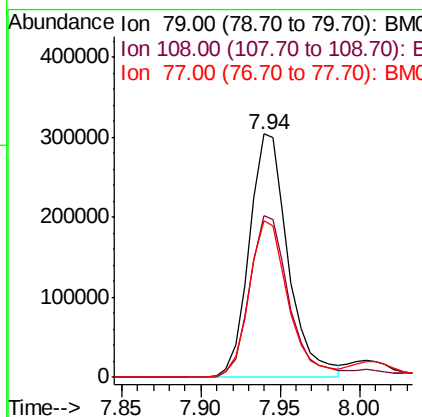
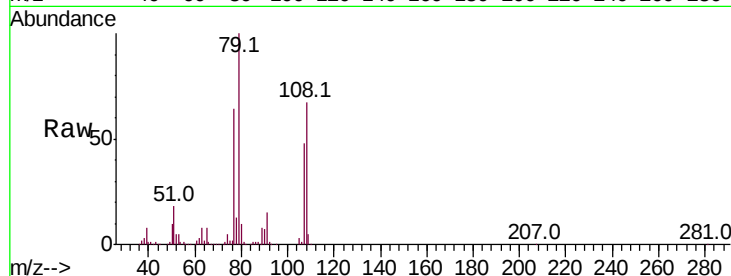
ClientSampled :

M-1MS

Tot Ion:	79	Resp:	519235
Ion Ratio	Lower	Upper	
79	100		
108	66.5	52.7	79.1
77	64.2	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.096 ng

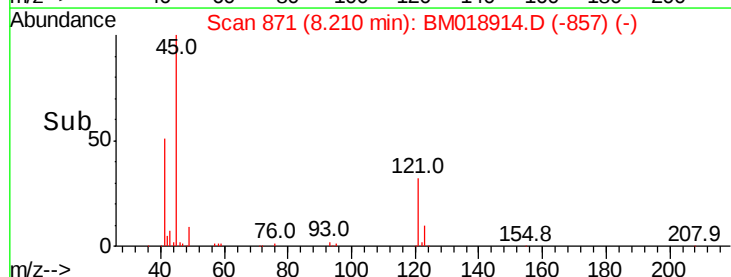
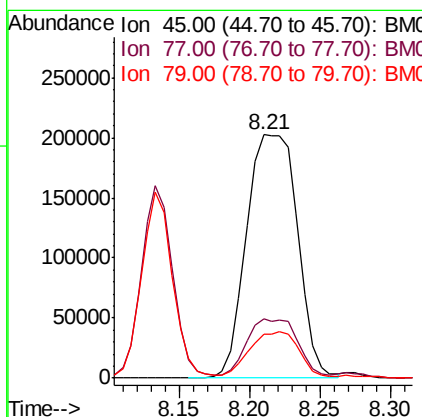
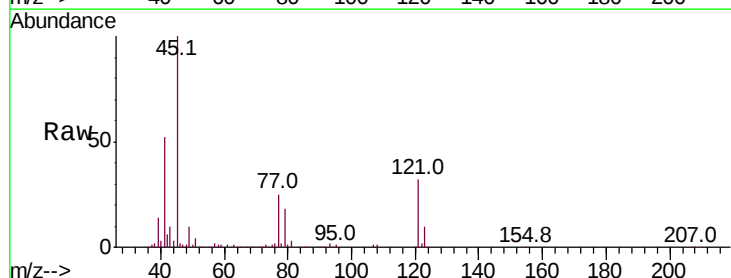
RT: 8.21 min Scan# 871

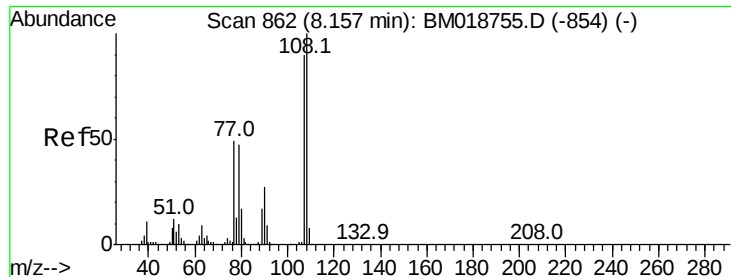
Delta R.T. -0.02 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:	45	Resp:	512935
Ion Ratio	Lower	Upper	
45	100		
77	24.6	5.0	45.0
79	18.1	0.0	39.3





#17

2-Methylphenol

Concen: 38.944 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

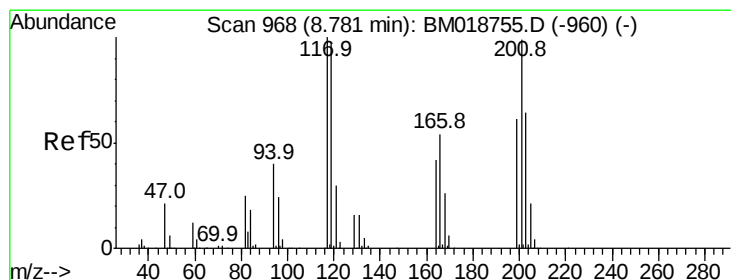
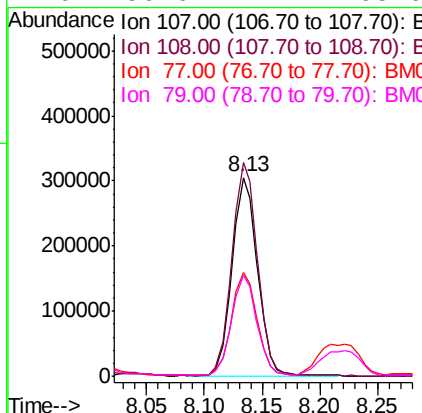
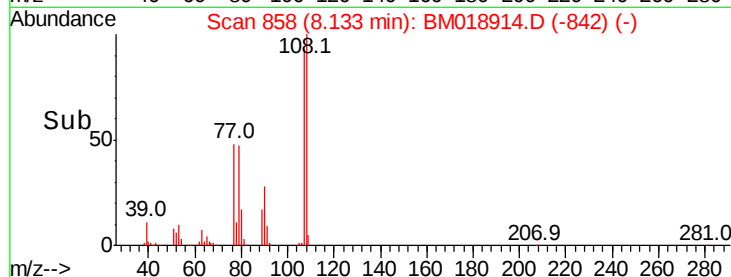
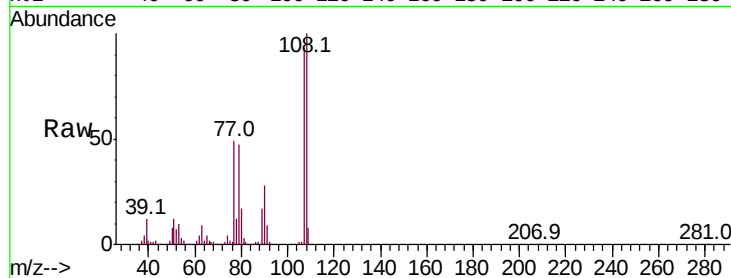
ClientSampled :

M-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	464222		
108	107.4	88.8	133.2	
77	52.4	44.0	66.0	
79	50.6	42.4	63.6	

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#18

Hexachloroethane

Concen: 37.023 ng

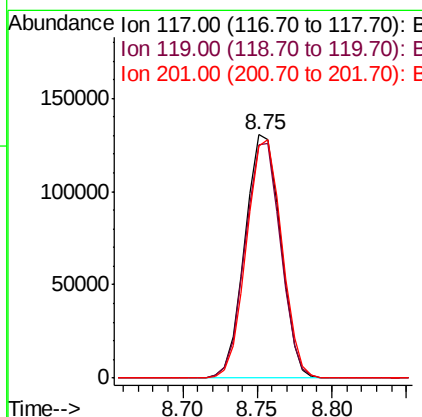
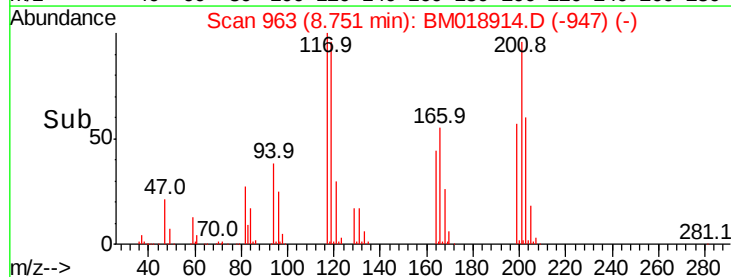
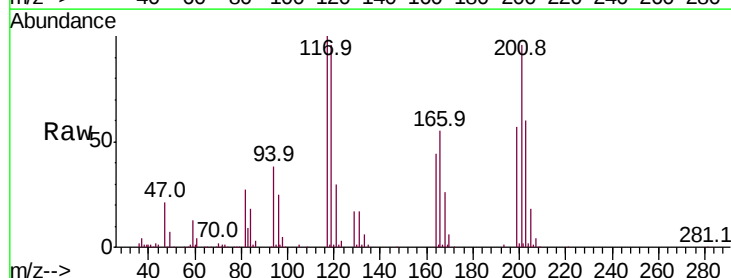
RT: 8.75 min Scan# 963

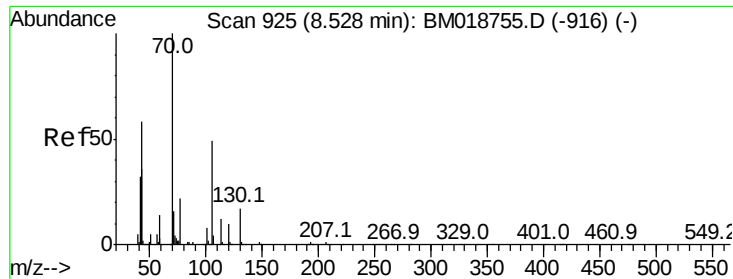
Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	214617		
119	95.9	77.9	116.9	
201	95.5	79.2	118.8	





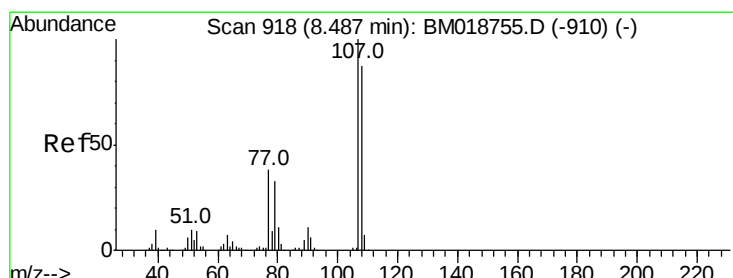
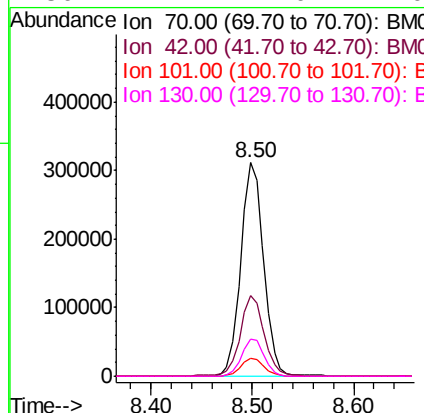
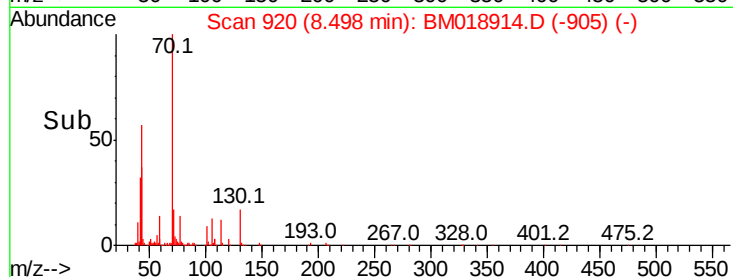
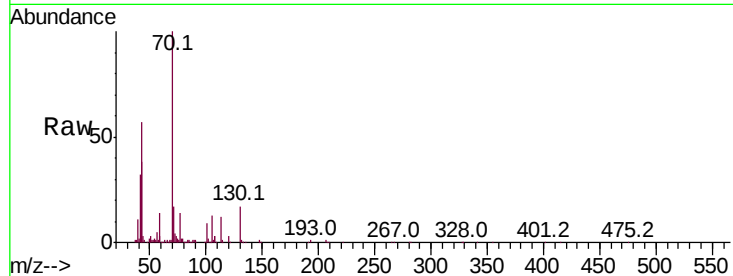
#19
n-Nitroso-di-n-propylamine
Concen: 35.343 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampleId :
M-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.5	29.4	44.0		
101	8.7	6.7	10.1		
130	17.4	14.0	21.0		

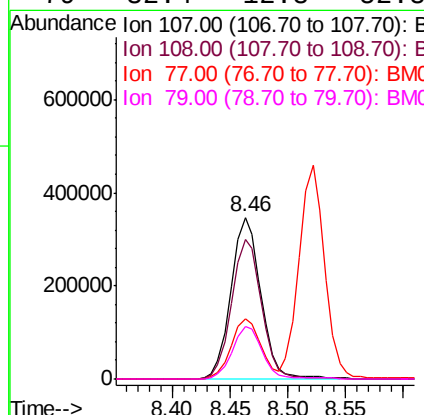
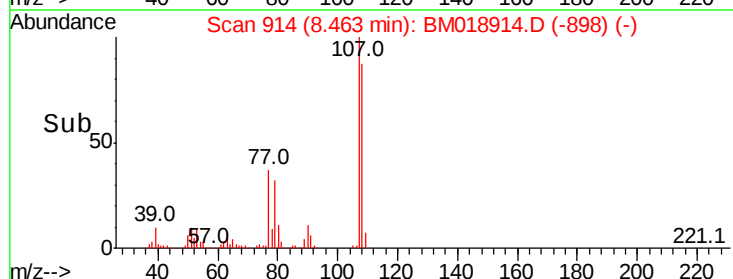
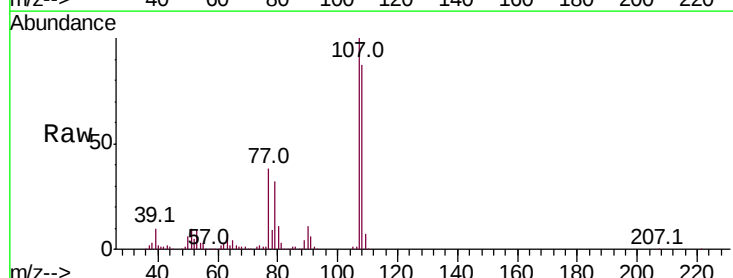
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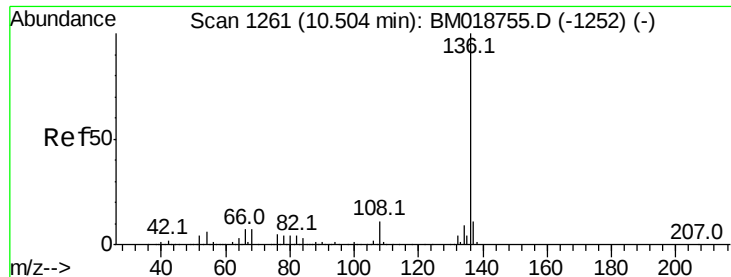
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#20
3+4-Methylphenols
Concen: 37.854 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.7	67.3	107.3		
77	37.6	18.0	58.0		
79	32.4	12.8	52.8		





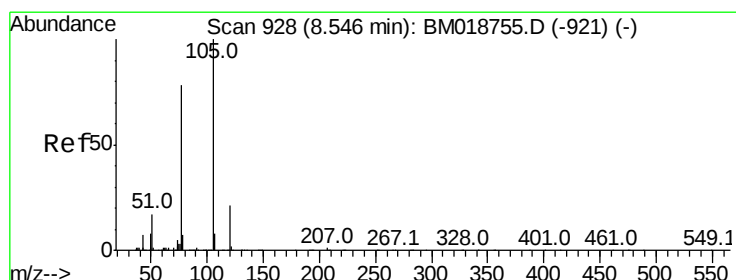
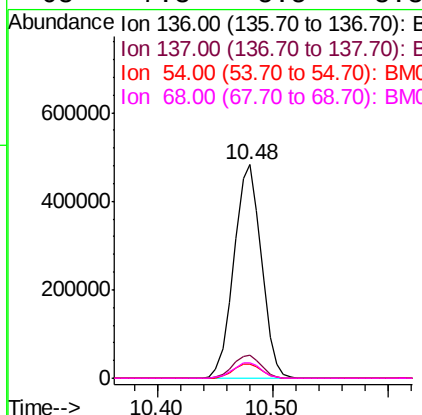
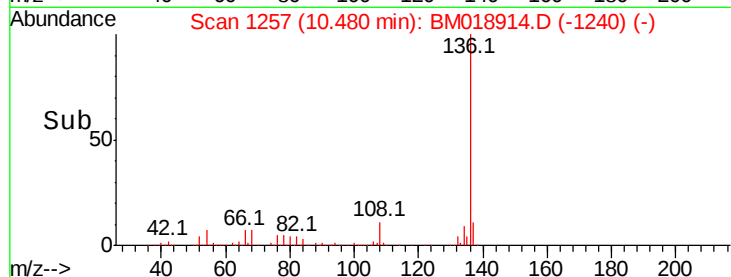
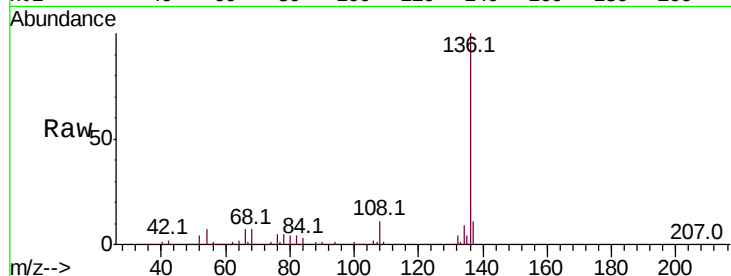
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	794664		
137	10.6		8.8	13.2
54	6.7		5.0	7.6
68	7.3		5.5	8.3

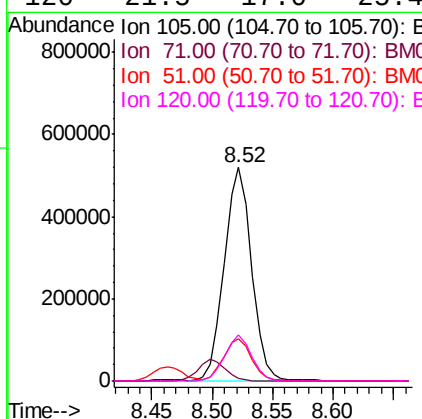
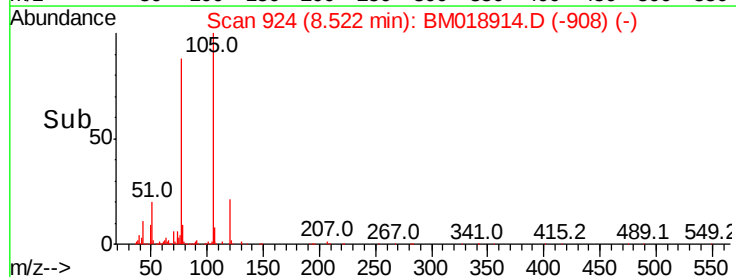
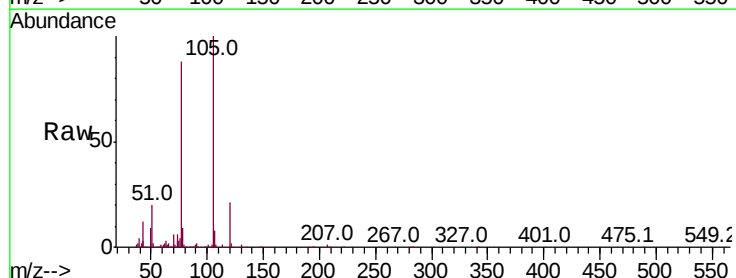
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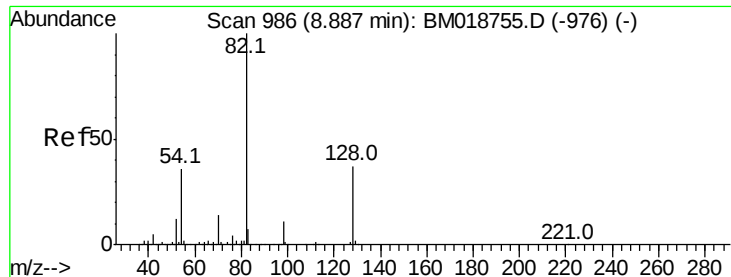
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#22
Acetophenone
Concen: 37.162 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	810993		
71	1.0		1.1	1.7#
51	19.8		15.5	23.3
120	21.5		17.0	25.4





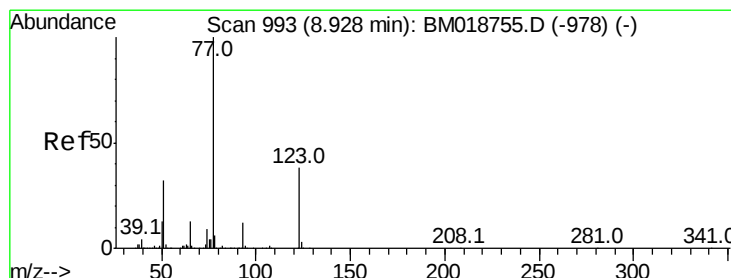
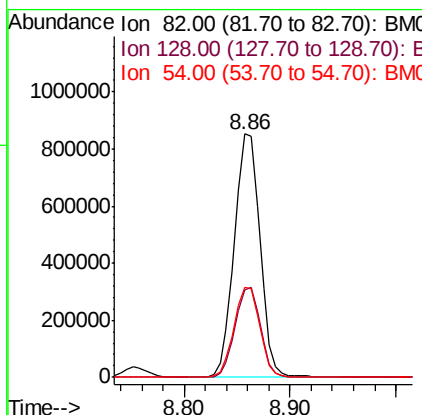
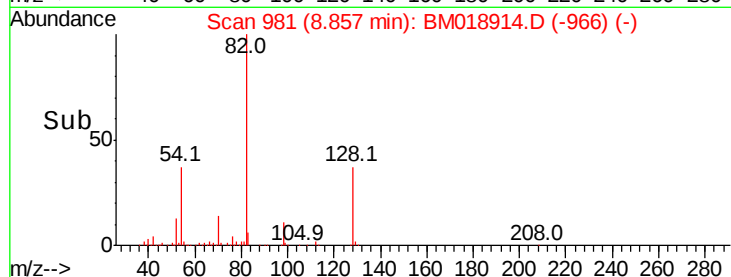
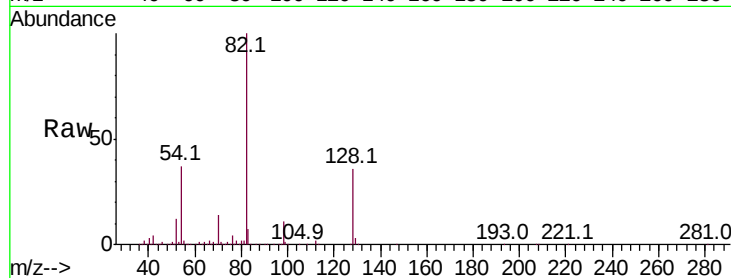
#23
Nitrobenzene-d5
Concen: 83.349 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.9	44.9
54	36.9	29.1	43.7

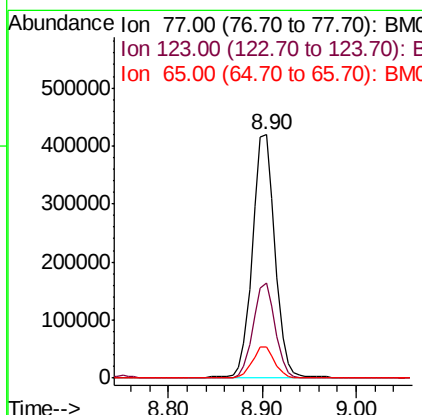
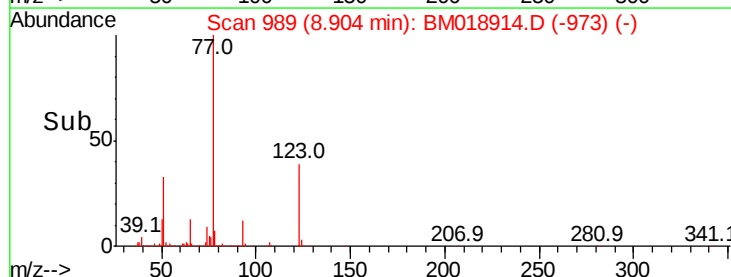
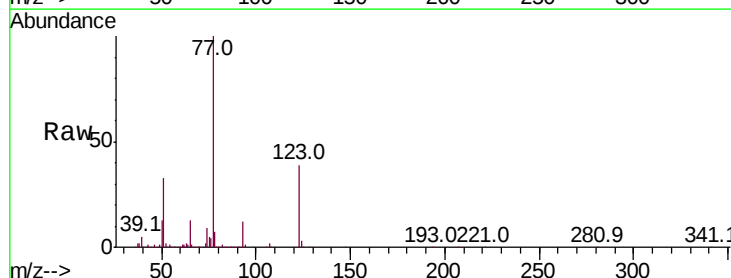
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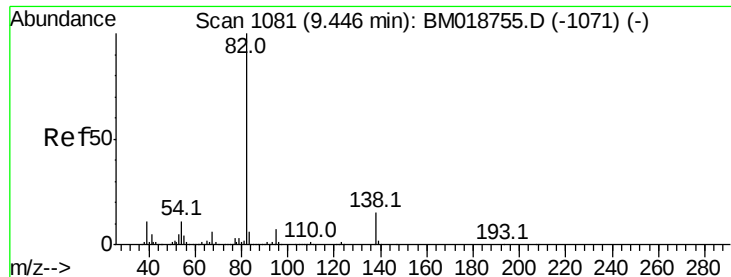
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#24
Nitrobenzene
Concen: 38.966 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.7	46.1
65	12.7	10.5	15.7





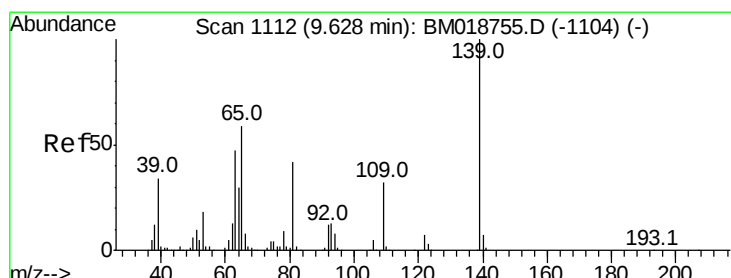
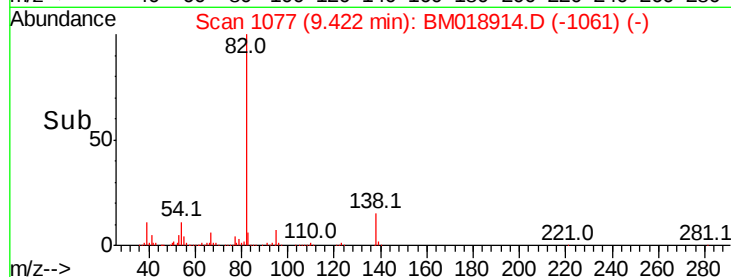
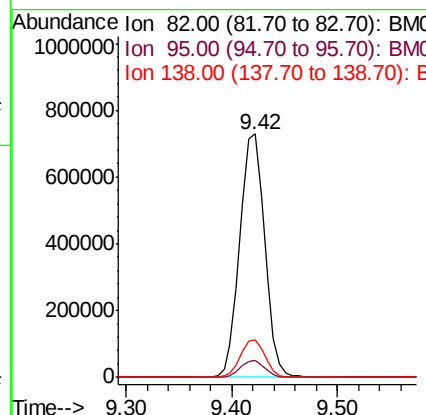
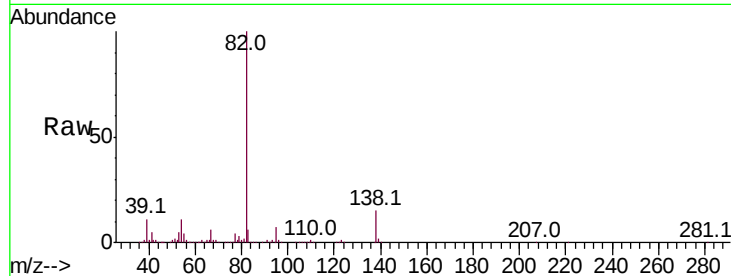
#25
Isophorone
Concen: 43.513 ng
RT: 9.42 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	15.4	12.3	18.5

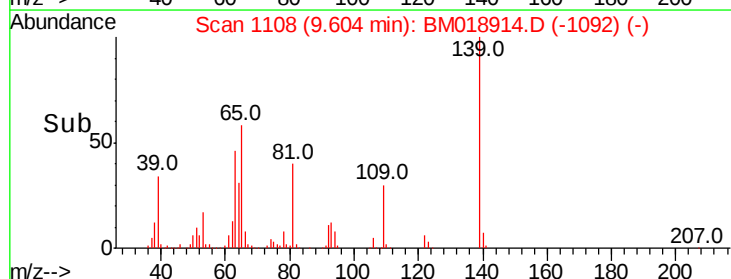
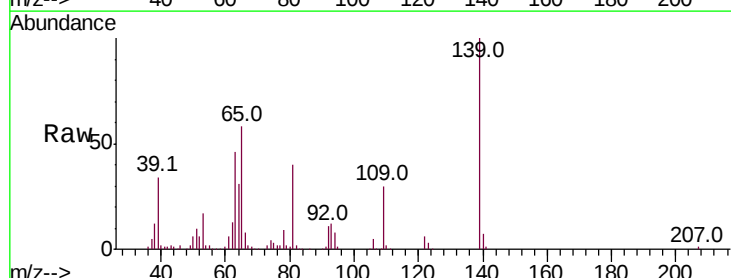
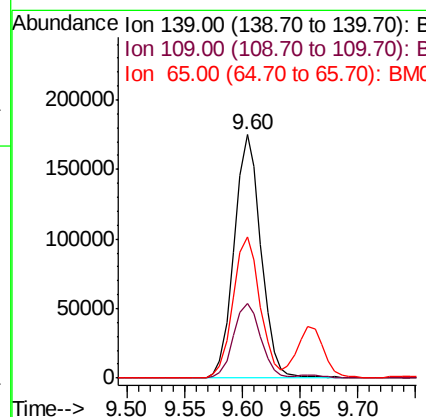
Manual Integrations
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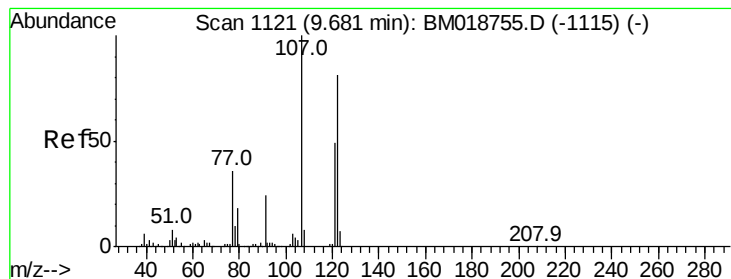
Sohil
2/26/2019 12:06:01 PM



#26
2-Nitrophenol
Concen: 39.721 ng
RT: 9.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.5	25.2	37.8
65	58.0	47.0	70.4





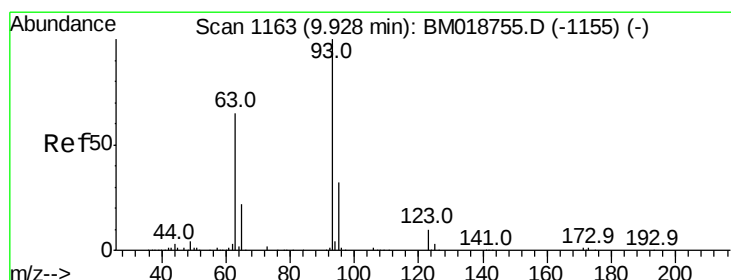
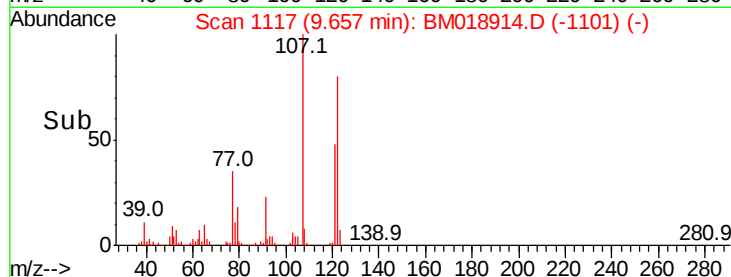
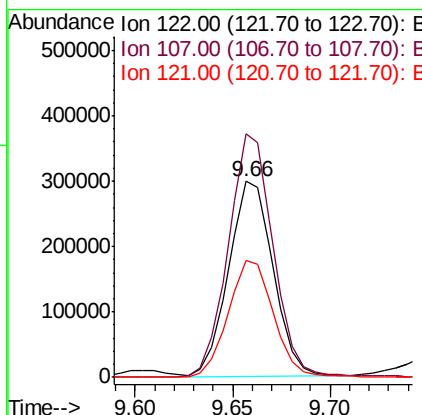
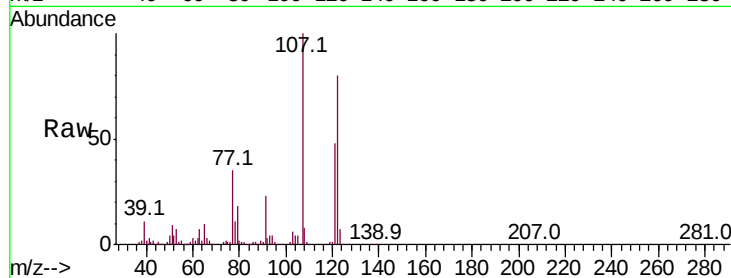
#27
 2,4-Dimethylphenol
 Concen: 45.186 ng
 RT: 9.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Instrument :
 BNA_M
 ClientSampled :
 M-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.4	97.6	146.4
121	59.6	47.9	71.9

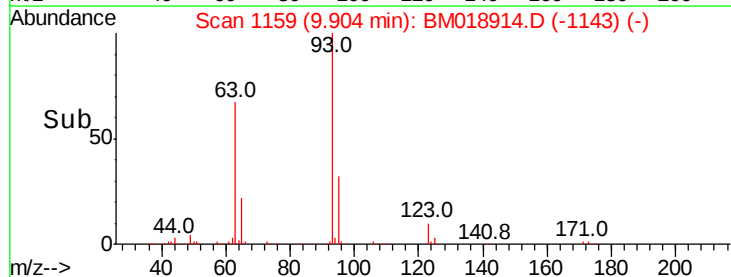
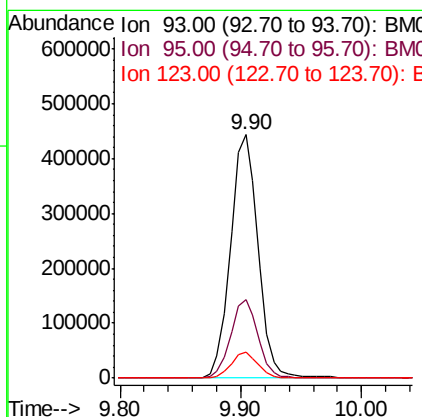
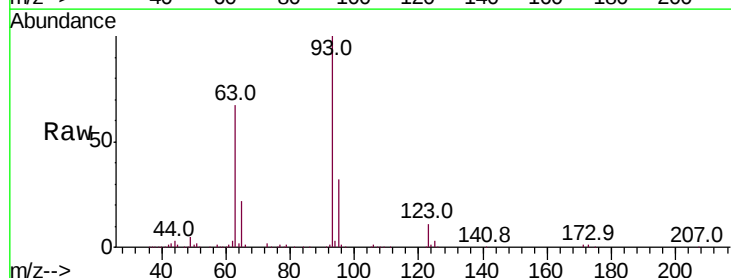
Manual Integrations
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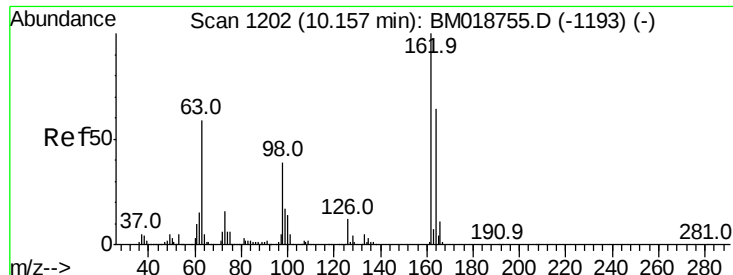
Sohil
 2/26/2019 12:06:01 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.807 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.6	38.4
123	10.5	8.2	12.4





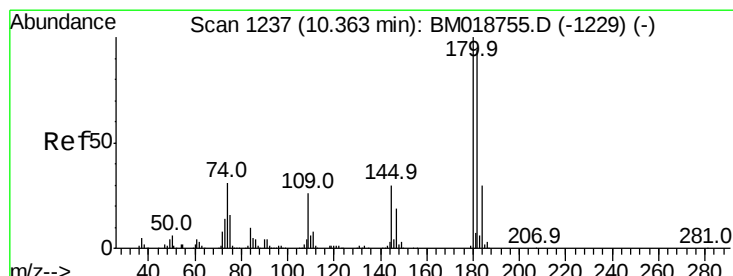
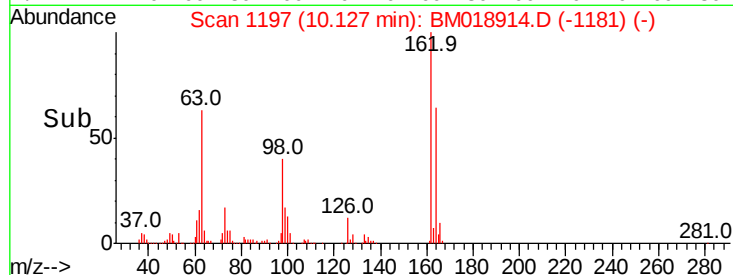
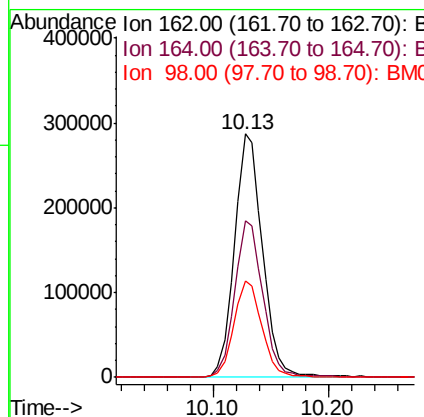
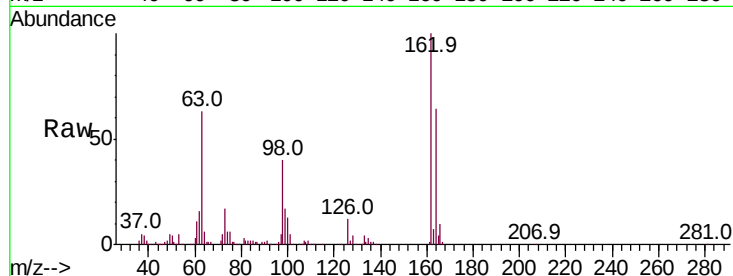
#29
2,4-Dichlorophenol
Concen: 40.463 ng
RT: 10.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	44.1	84.1
98	39.7	19.4	59.4

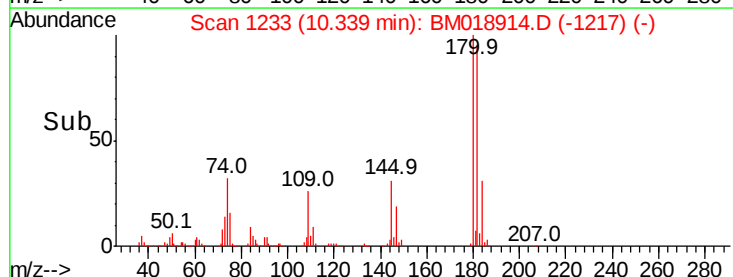
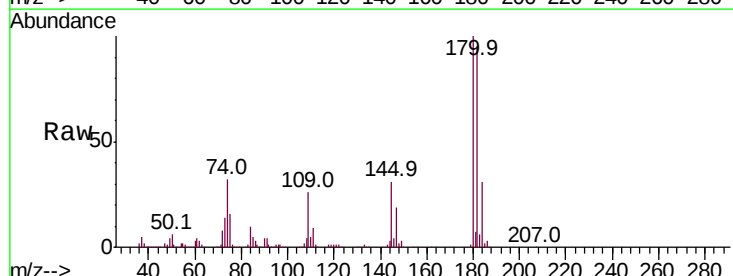
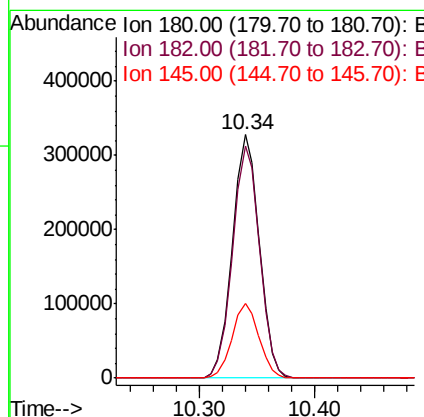
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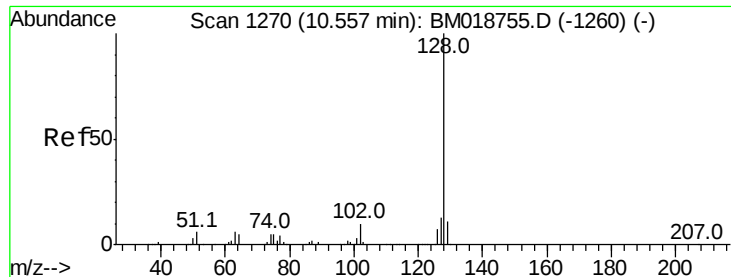
Sohil
2/26/2019 12:06:01 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.394 ng
RT: 10.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	75.0	112.6
145	30.7	24.1	36.1





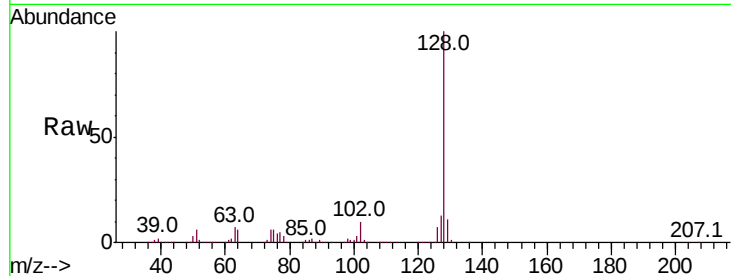
#31
Naphthalene
Concen: 41.555 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

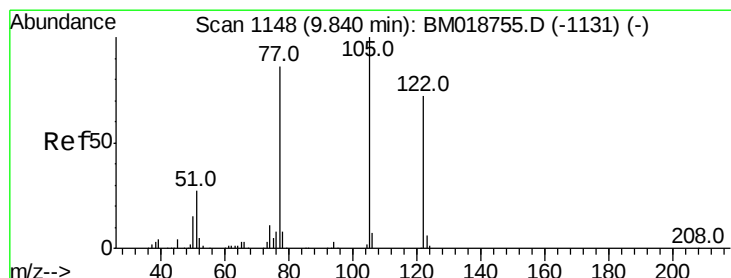
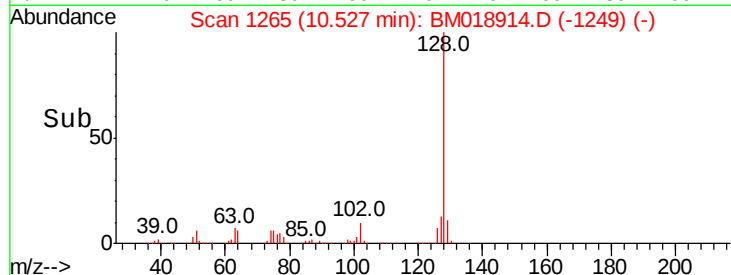
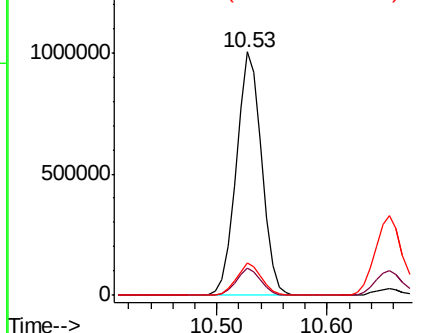
Tot Ion:128 Resp: 1610543
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.7 16.1

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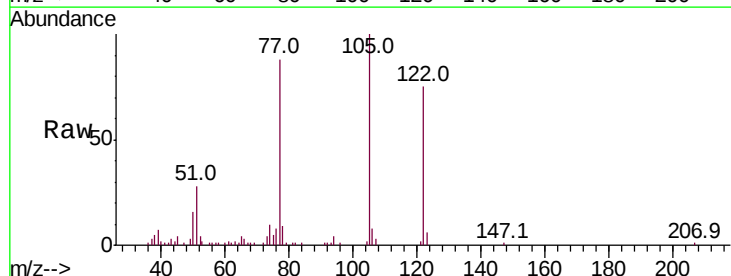


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

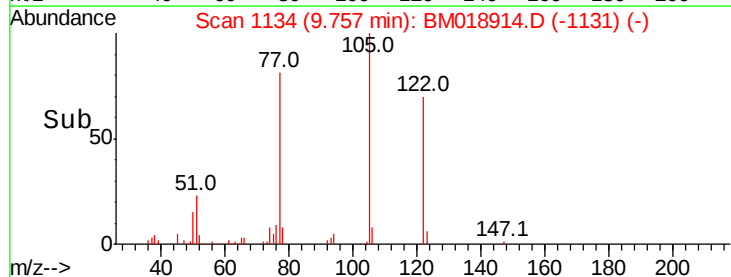
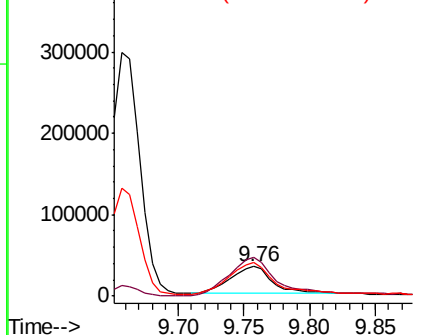


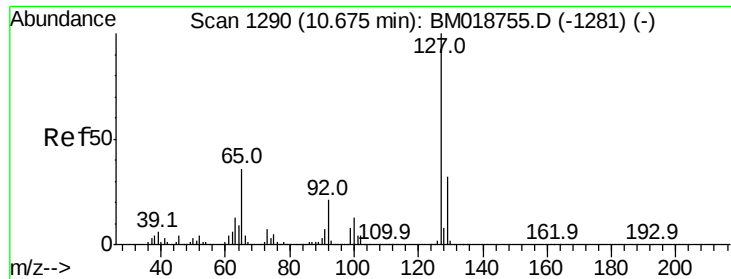
#32
Benzoic acid
Concen: 8.212 ng m
RT: 9.76 min Scan# 1134
Delta R.T. -0.08 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion:122 Resp: 74333
Ion Ratio Lower Upper
122 100
105 132.7 117.5 157.5
77 116.4 98.5 138.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





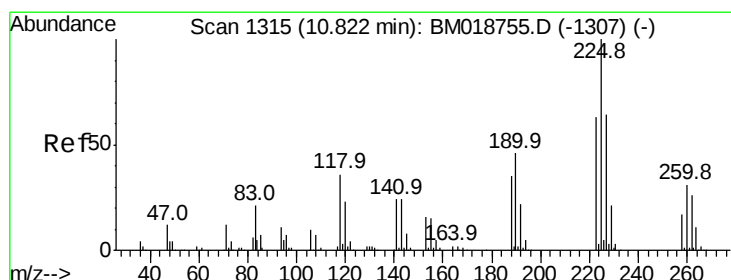
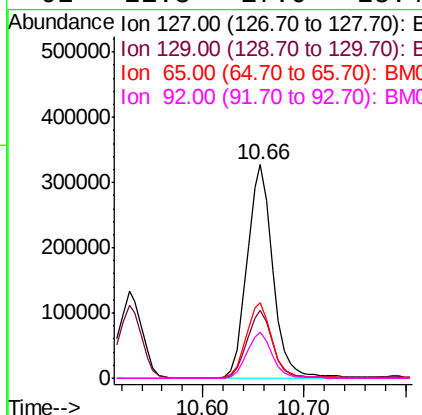
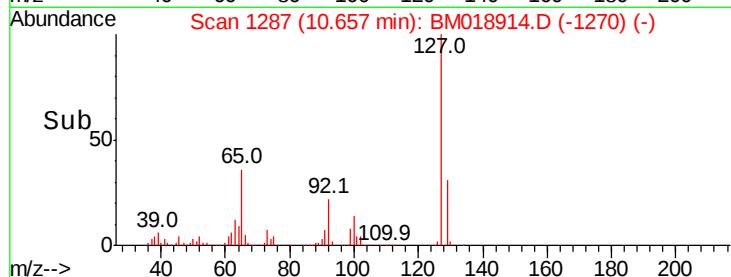
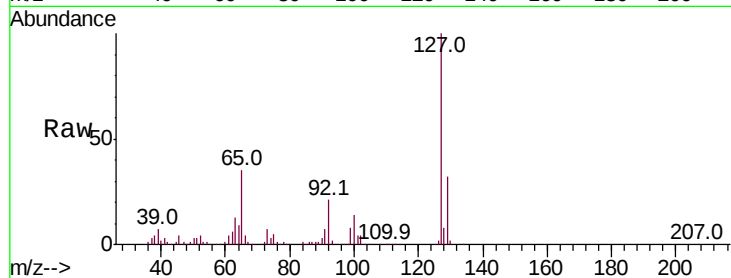
#33
4-Chloroaniline
Concen: 33.293 ng
RT: 10.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	25.7	38.5	
65	35.4	28.7	43.1	
92	21.3	17.0	25.4	

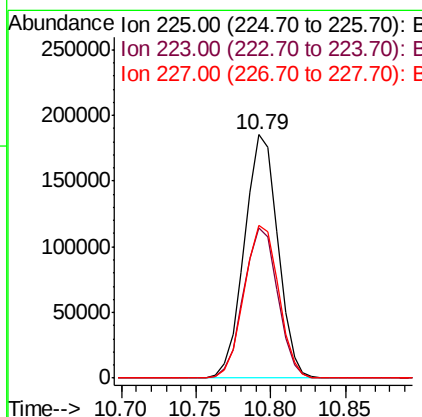
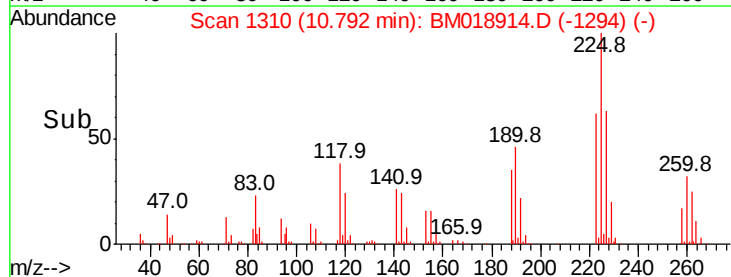
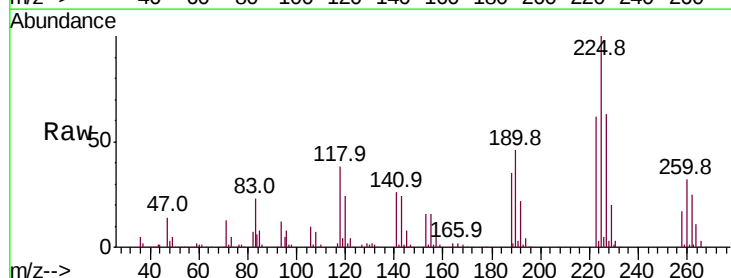
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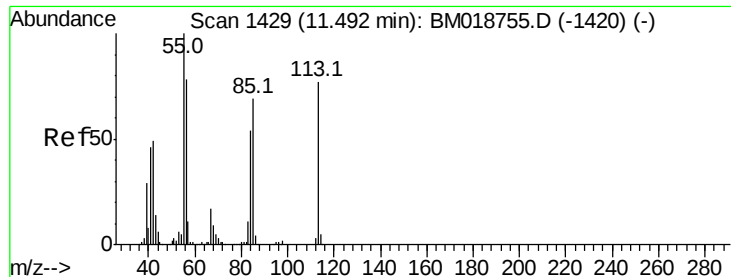
Sohil
2/26/2019 12:06:01 PM



#34
Hexachlorobutadiene
Concen: 35.942 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	50.1	75.1	
227	63.0	51.4	77.0	





#35

Caprolactam

Concen: 32.230 ng/mL

RT: 11.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampled :

M-1MS

Tot Ion:113 Resp: 156718

Ion Ratio Lower Upper

113 100

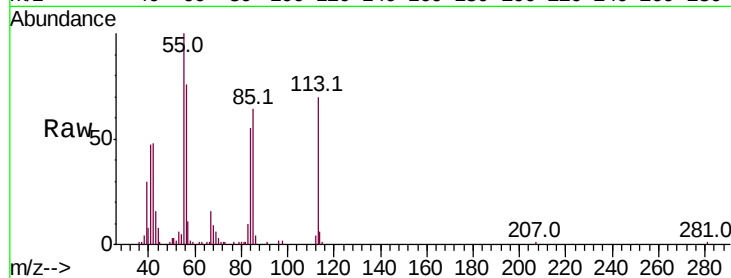
55 143.1 110.7 150.7

56 108.8 82.4 122.4

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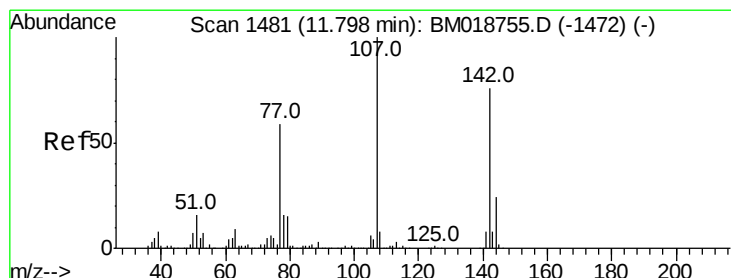
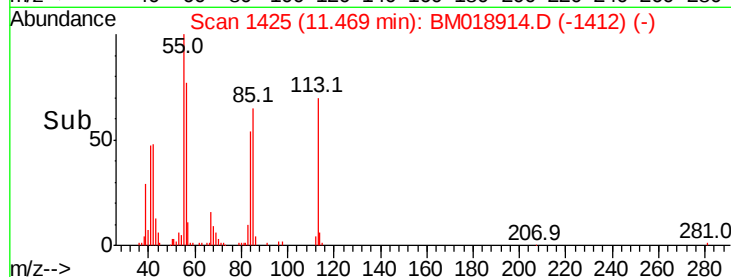
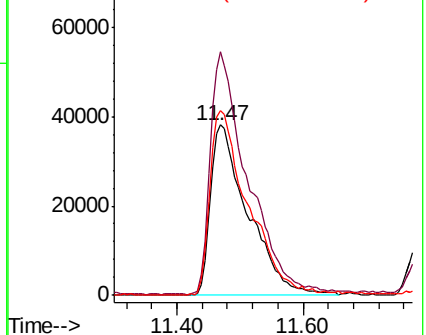
2/26/2019 12:06:01 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.238 ng/mL

RT: 11.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

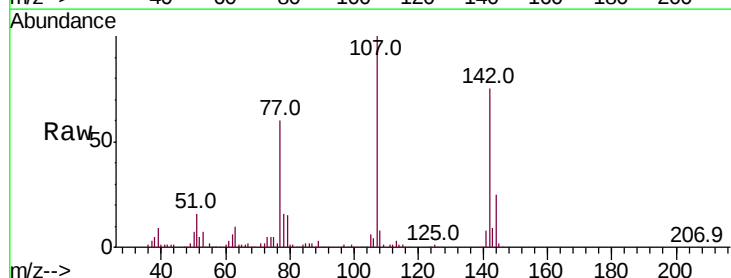
Tgt Ion:107 Resp: 549277

Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

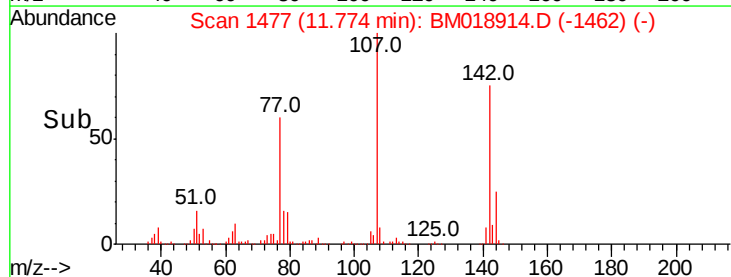
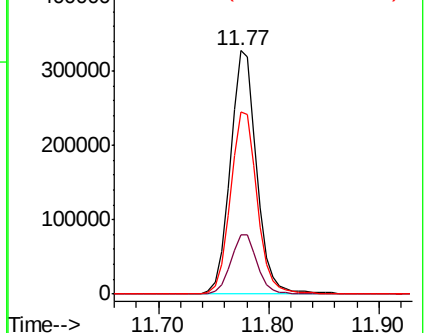
142 74.6 60.5 90.7

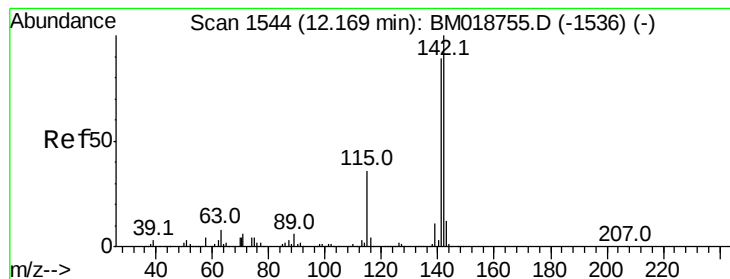


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





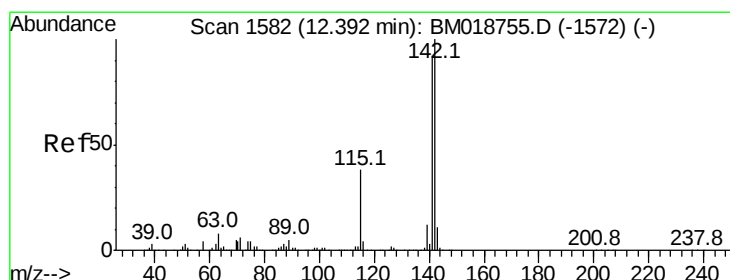
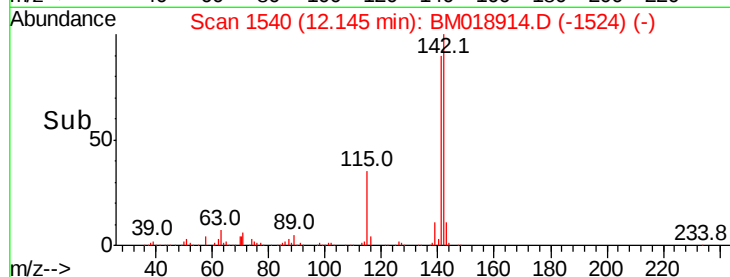
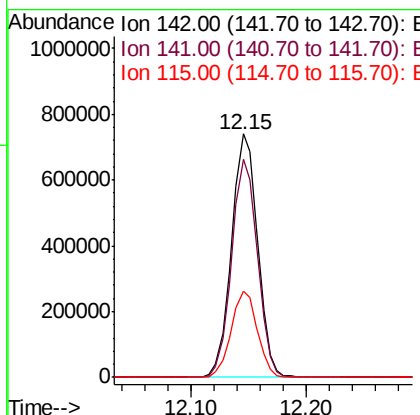
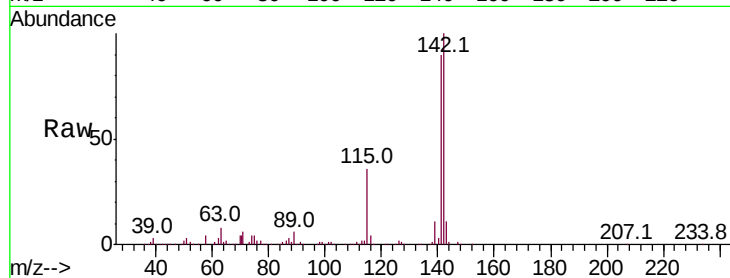
#37
2-Methylnaphthalene
Concen: 42.416 ng
RT: 12.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	35.6	29.1	43.7

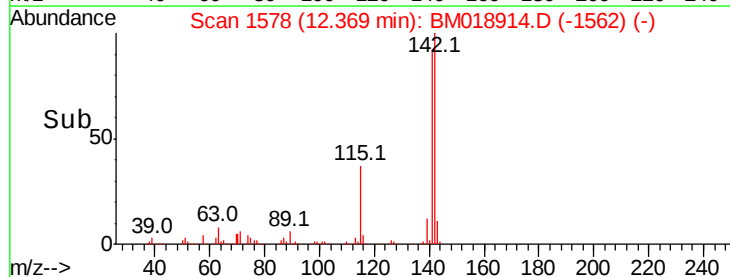
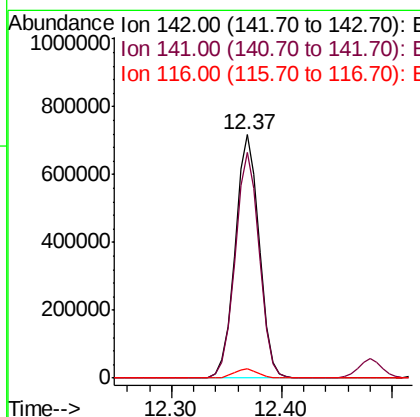
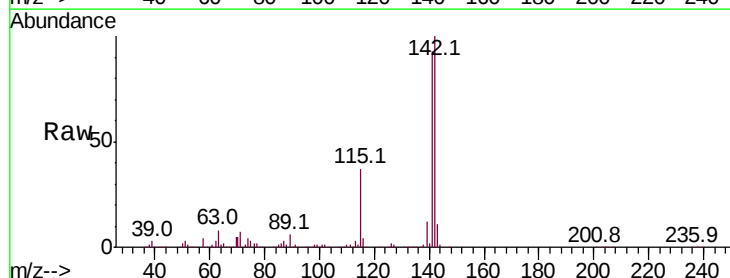
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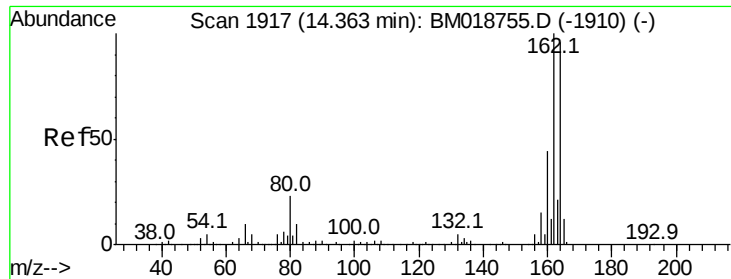
Sohil
2/26/2019 12:06:01 PM



#38
1-Methylnaphthalene
Concen: 41.047 ng
RT: 12.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.9	110.9
116	4.0	3.0	4.4





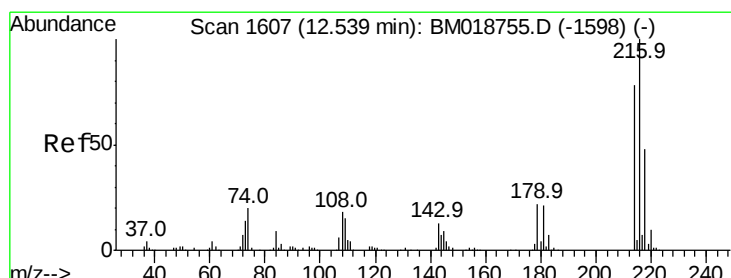
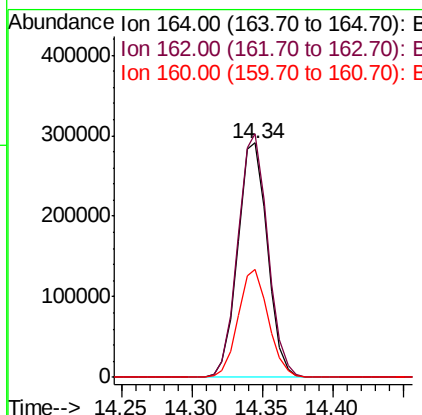
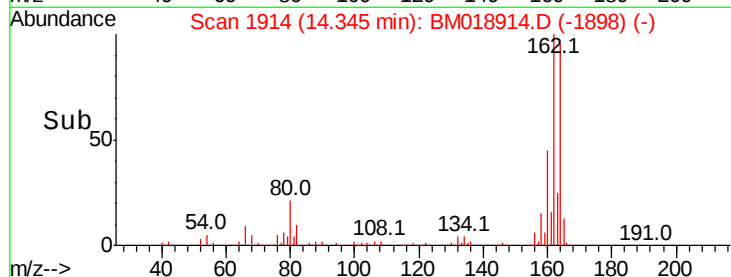
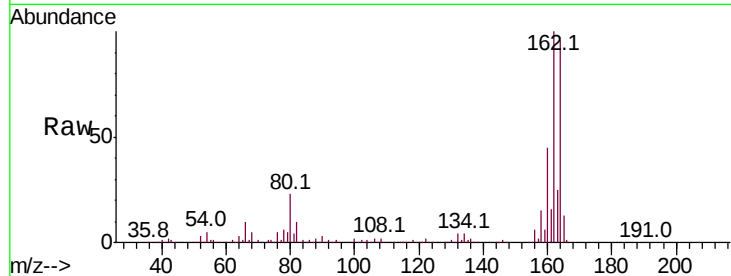
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Instrument :
 BNA_M
 ClientSampled :
 M-1MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	83.4	125.0	
160	46.3	36.6	55.0	

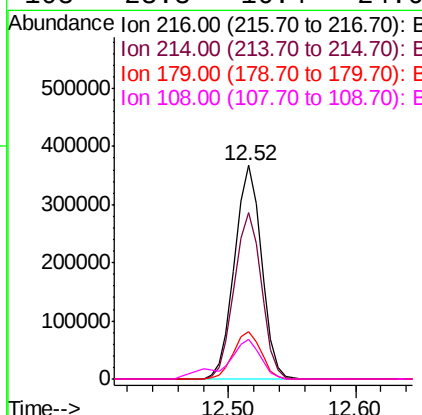
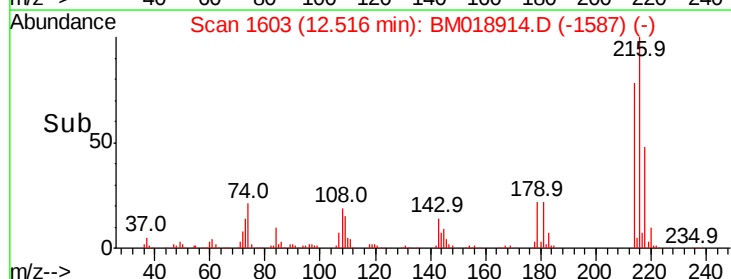
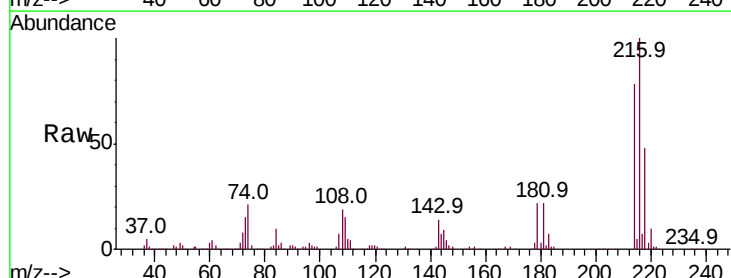
Manual Integrations
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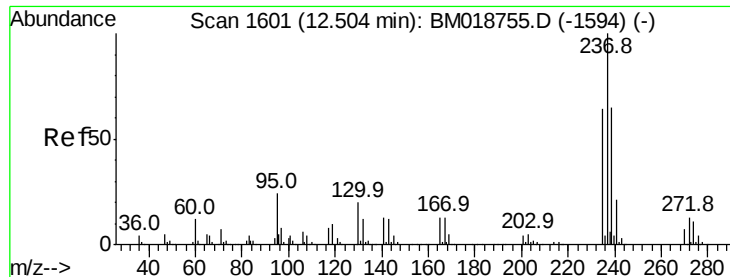
Sohil
 2/26/2019 12:06:01 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.802 ng
 RT: 12.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.2	94.8	
179	22.6	17.8	26.8	
108	23.3	16.4	24.6	





#41

Hexachlorocyclopentadiene

Concen: 95.340 ng

RT: 12.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

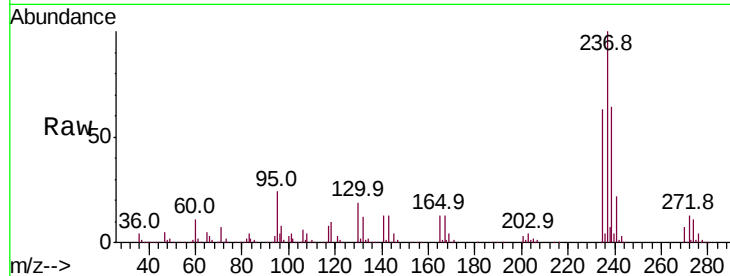
ClientSampleId :

M-1MS

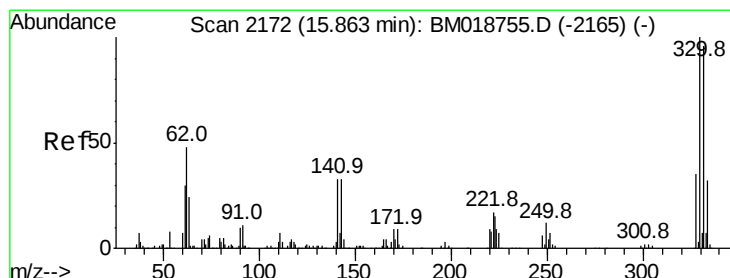
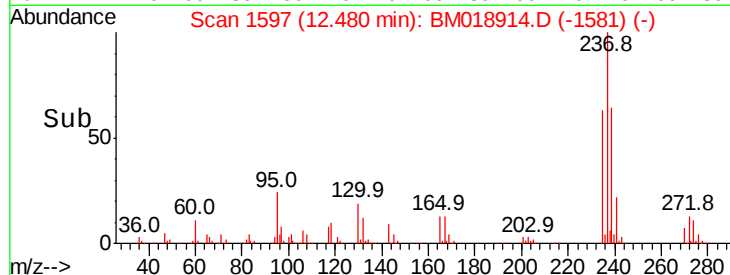
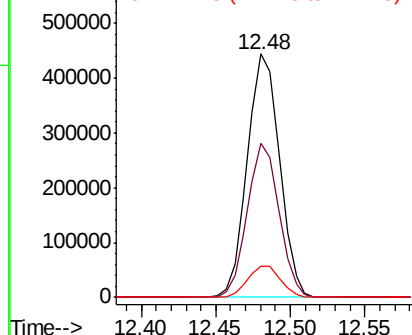
Tot Ion:	237	Resp:	663676
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.7	83.7
272	13.0	0.0	33.3

Manual Integrations
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2/26/2019 12:06:01 PM



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



#42

2,4,6-Tribromophenol

Concen: 129.345 ng

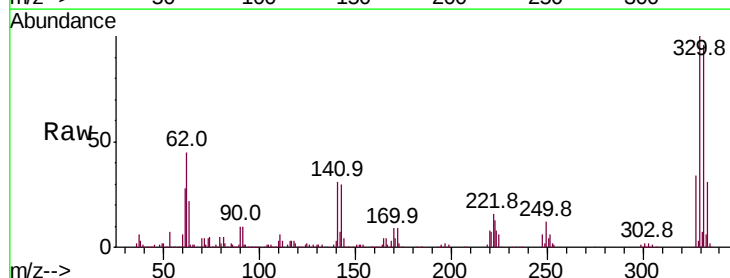
RT: 15.84 min Scan# 2169

Delta R.T. -0.01 min

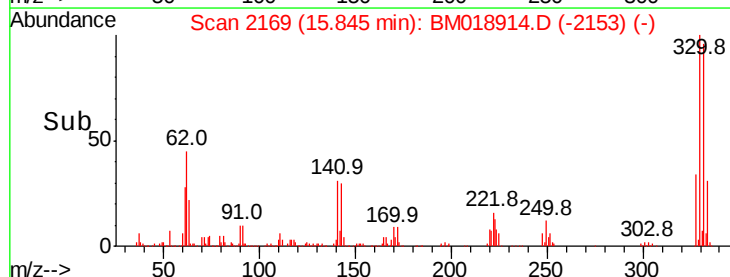
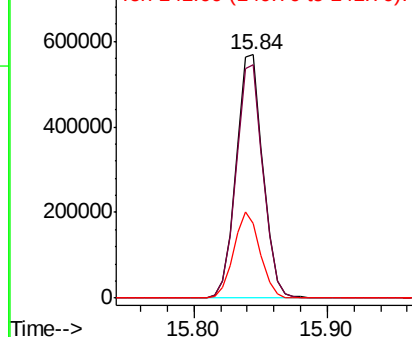
Lab File: BM018914.D

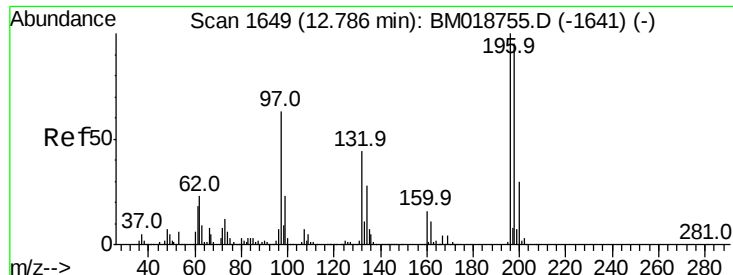
Acq: 25 Feb 2019 14:11

Tgt Ion:	330	Resp:	793569
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.9	115.3
141	35.0	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





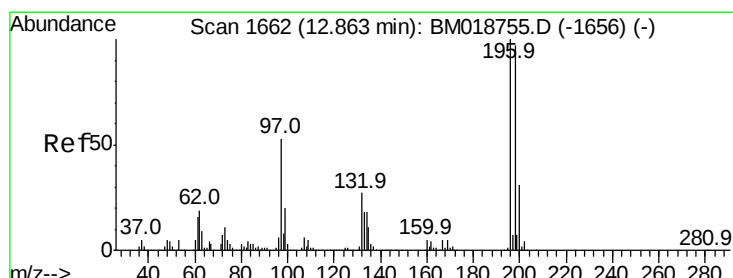
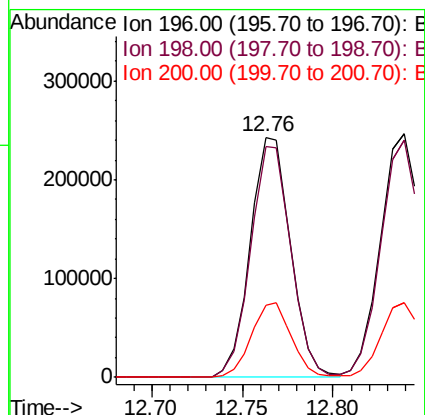
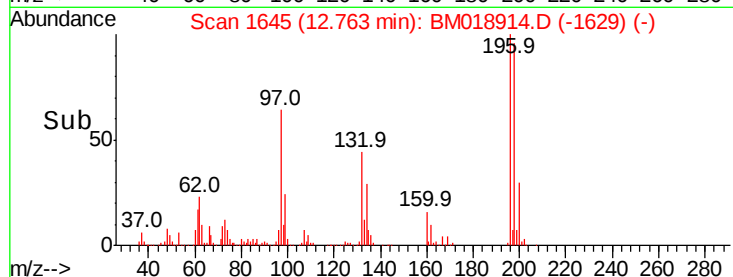
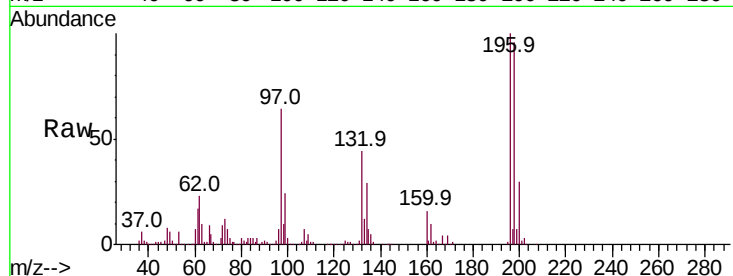
#43
 2,4,6-Trichlorophenol
 Concen: 41.809 ng
 RT: 12.76 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Instrument :
 BNA_M
 ClientSampleId :
 M-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	376839		
198	96.1	76.2	114.2	
200	30.2	24.2	36.2	

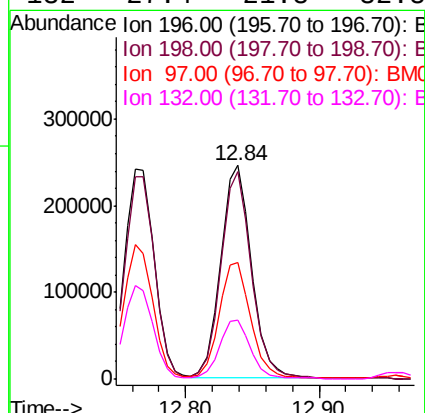
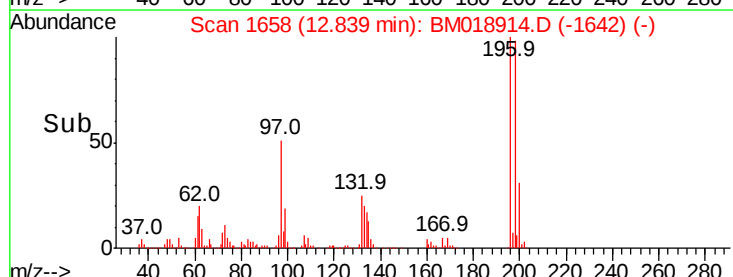
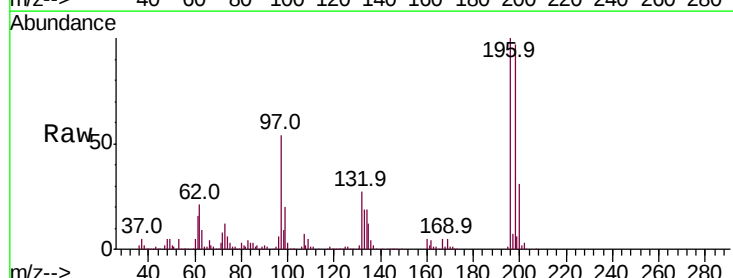
Manual Integrations
 APPROVED

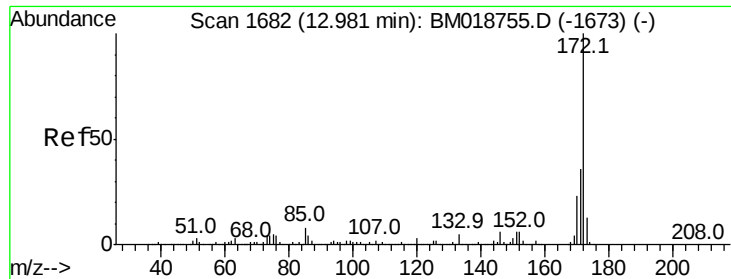
Sohil
 2/26/2019 12:06:01 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.027 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	397038		
198	97.3	77.6	116.4	
97	54.3	42.8	64.2	
132	27.4	21.8	32.8	





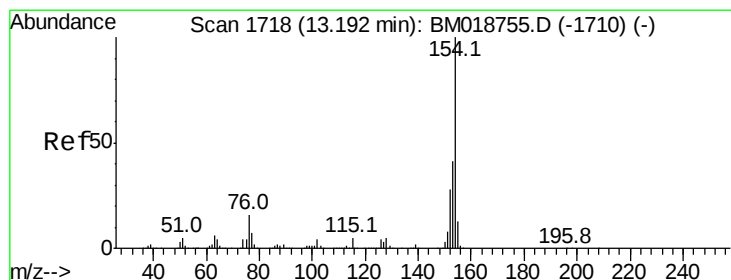
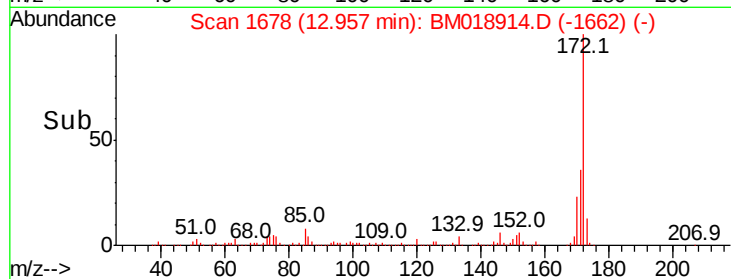
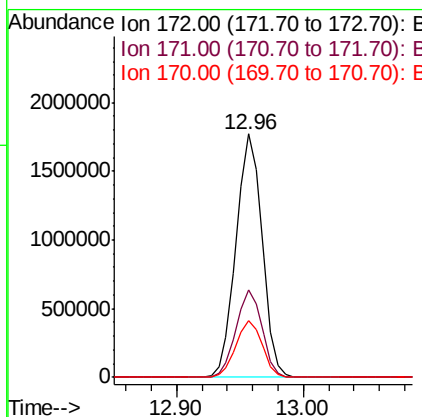
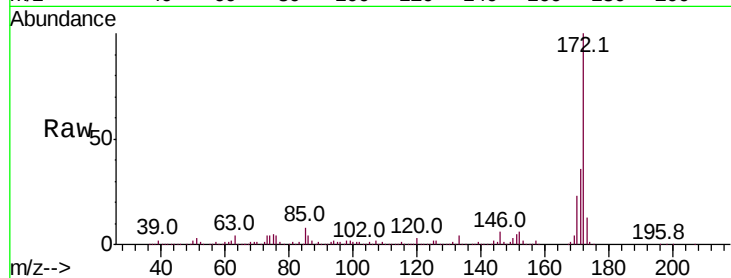
#45
2-Fluorobiphenyl
Concen: 78.710 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.4	18.6	28.0

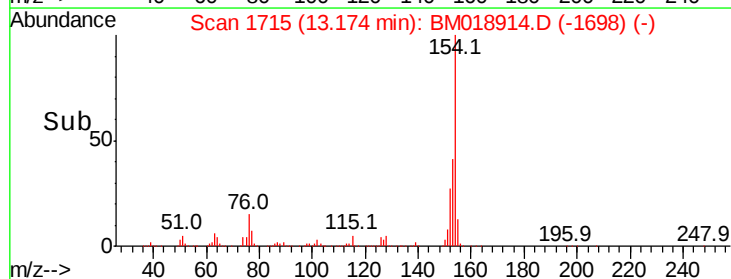
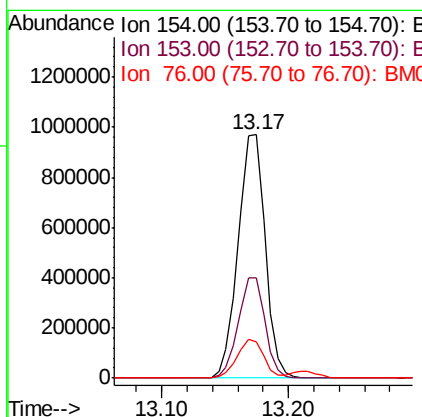
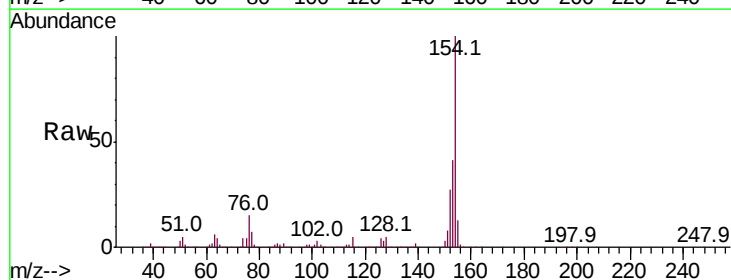
Manual Integrations
APPROVED

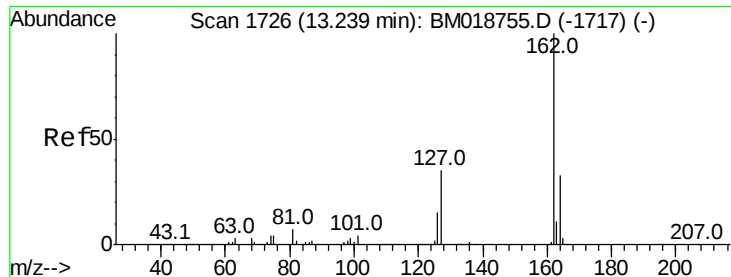
Sohil
2/26/2019 12:06:01 PM



#46
1,1'-Biphenyl
Concen: 39.187 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.1	61.1
76	14.7	0.0	35.7





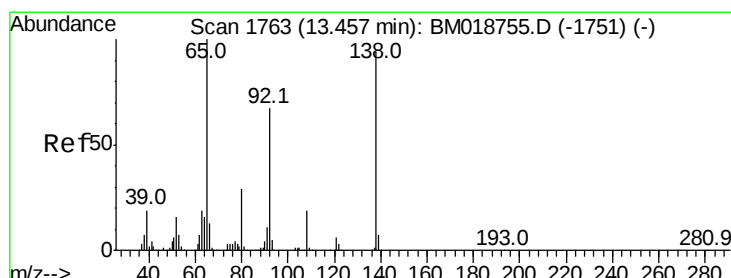
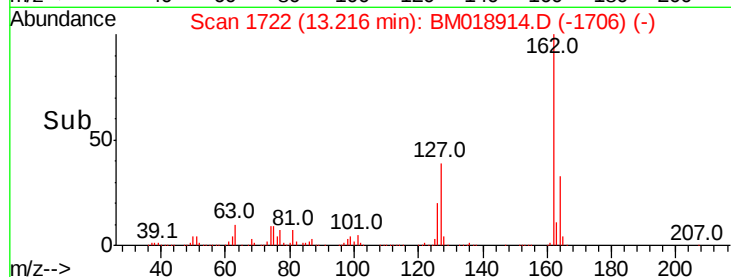
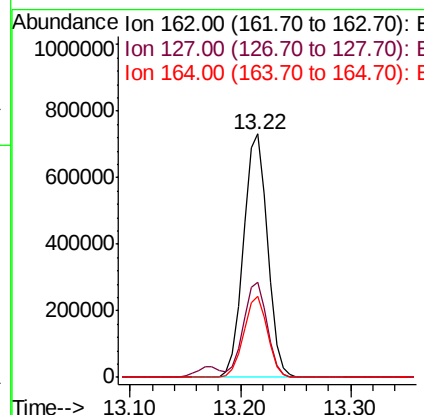
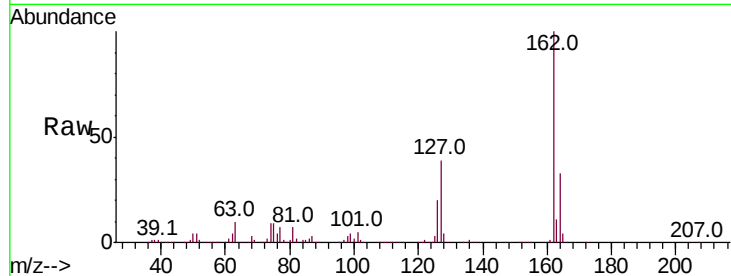
#47
2-Chloronaphthalene
Concen: 39.579 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.1	46.7
164	33.2	26.4	39.6

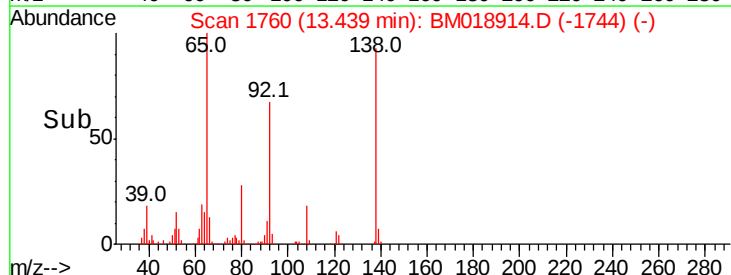
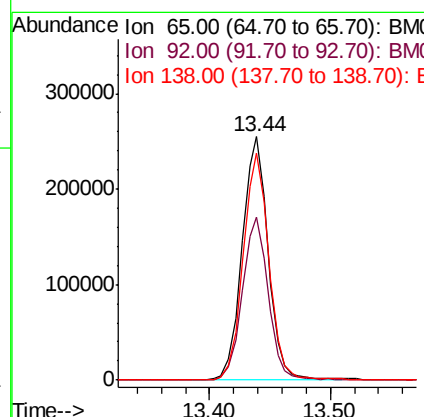
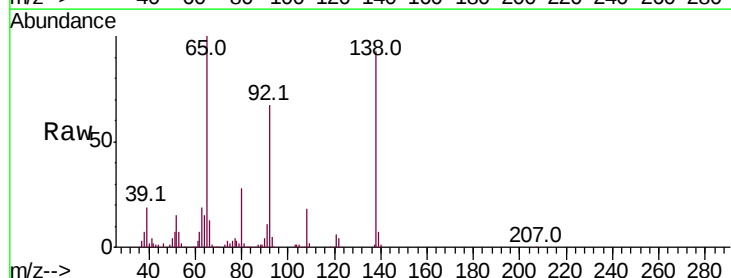
Manual Integrations
APPROVED

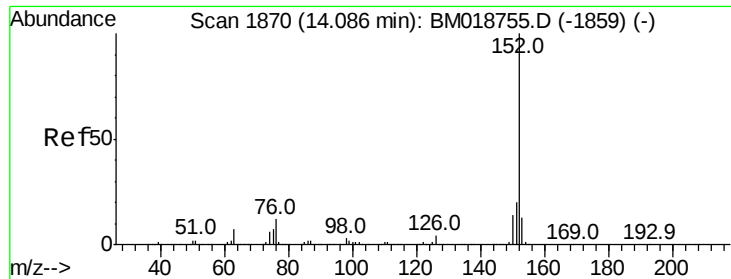
Sohil
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#48
2-Nitroaniline
Concen: 40.822 ng
RT: 13.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	54.0	81.0
138	93.4	74.9	112.3





#49

Acenaphthylene

Concen: 43.150 ng

RT: 14.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

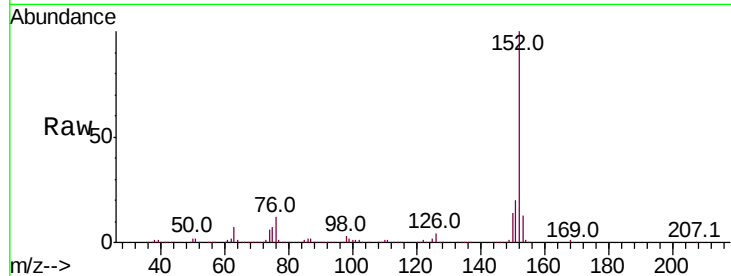
ClientSampleId :

M-1MS

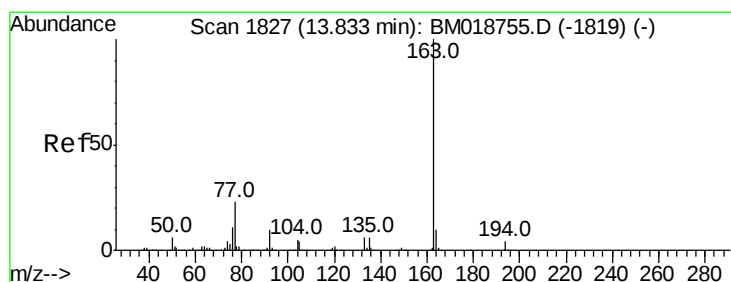
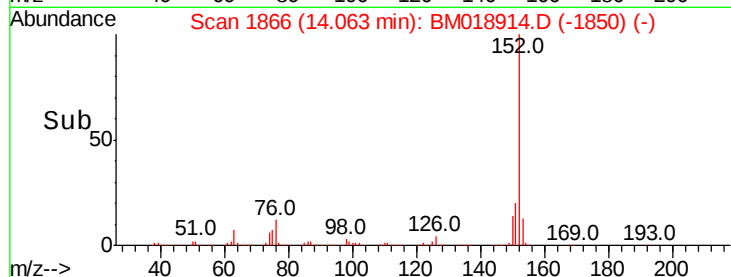
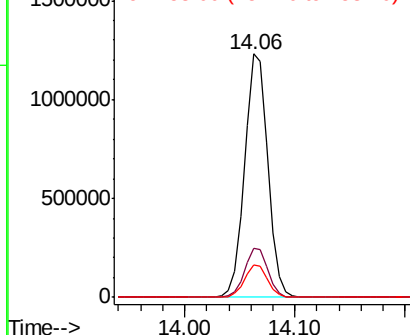
Tot Ion:	152	Resp:	1818176
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.4	10.5	15.7

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



#50

Dimethylphthalate

Concen: 43.764 ng

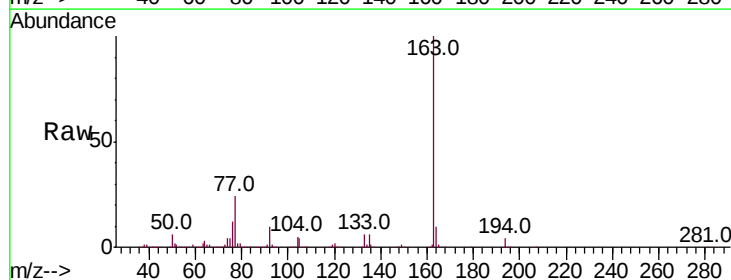
RT: 13.81 min Scan# 1823

Delta R.T. -0.01 min

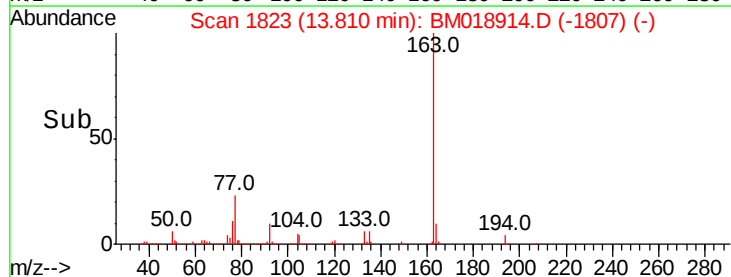
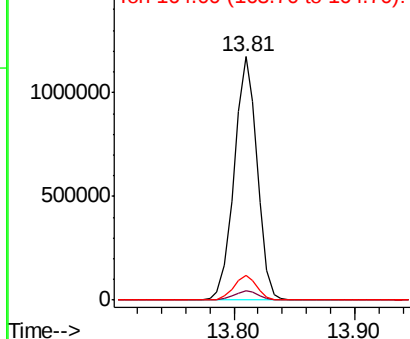
Lab File: BM018914.D

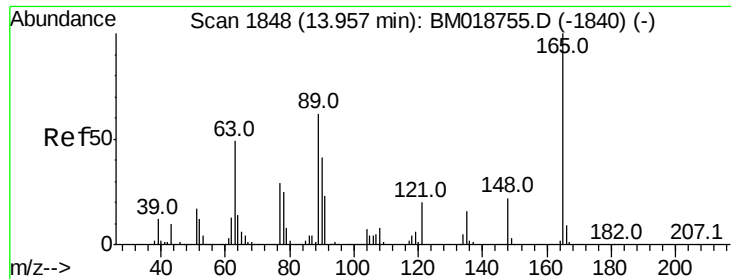
Acq: 25 Feb 2019 14:11

Tgt Ion:	163	Resp:	1552381
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.9	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





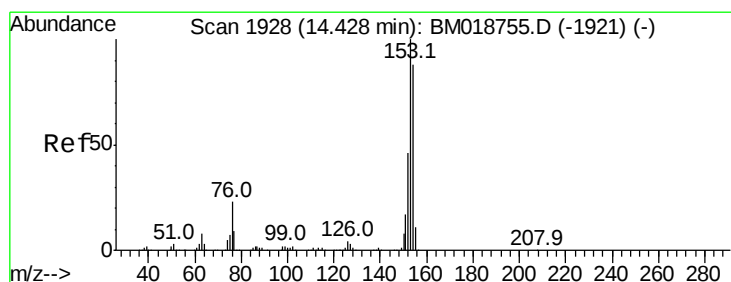
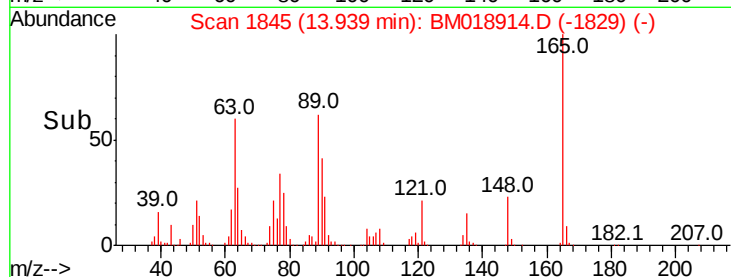
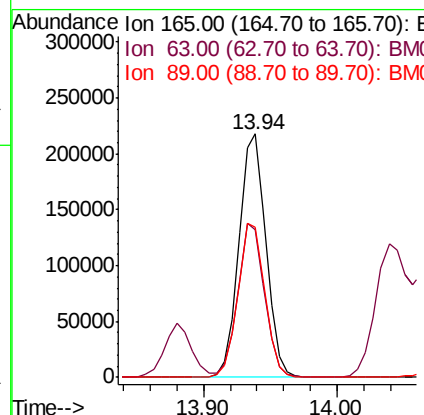
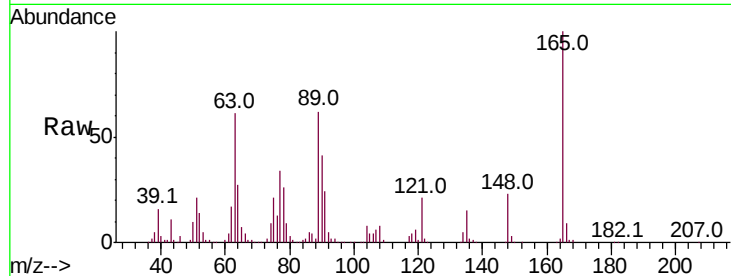
#51
2,6-Dinitrotoluene
Concen: 39.770 ng
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	305587		
63	60.5	48.9	73.3	
89	61.7	49.4	74.0	

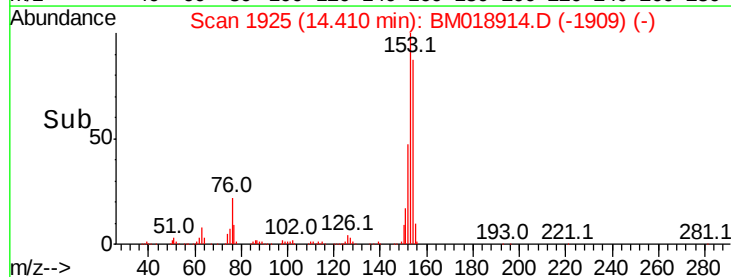
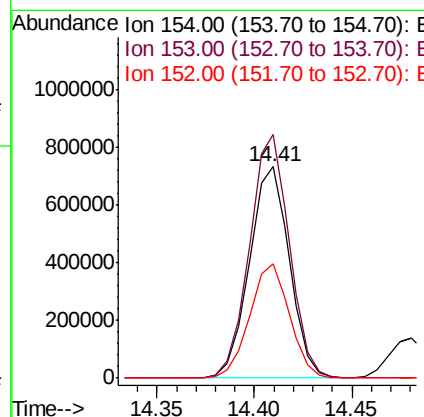
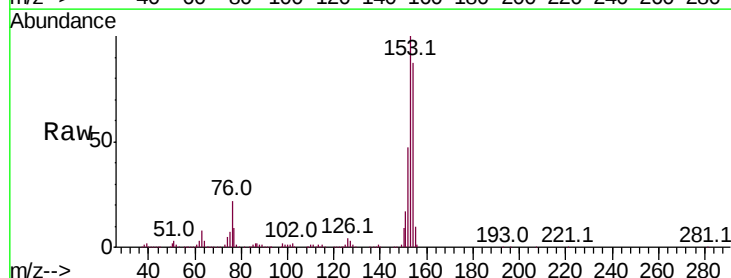
Manual Integrations
APPROVED

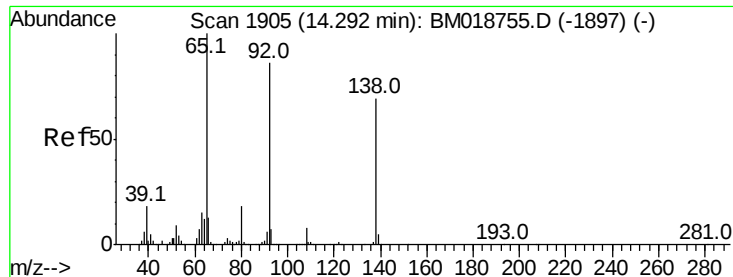
Sohil
2/26/2019 12:06:01 PM



#52
Acenaphthene
Concen: 40.190 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1038383		
153	115.2	91.3	136.9	
152	54.0	42.2	63.4	





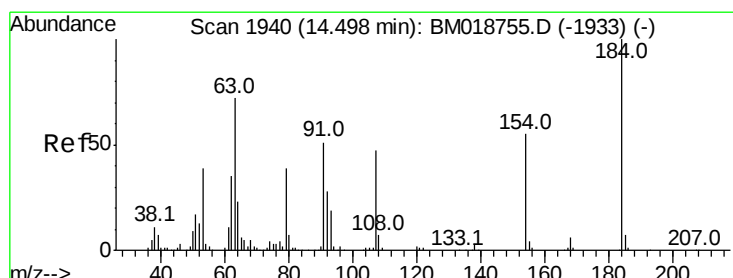
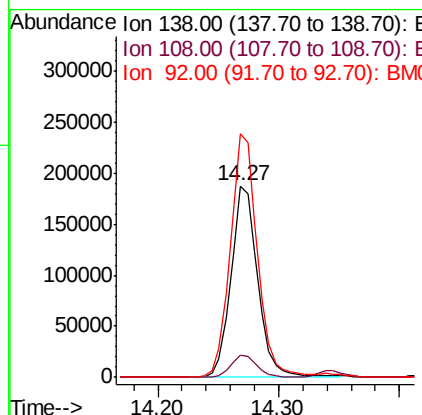
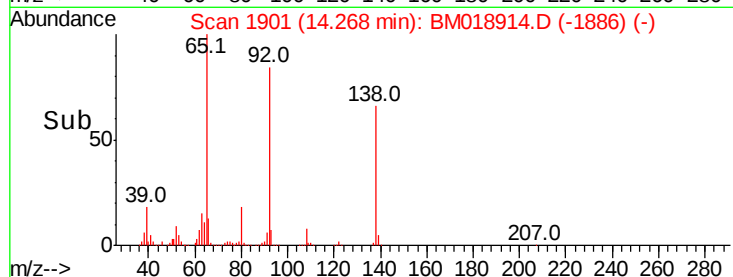
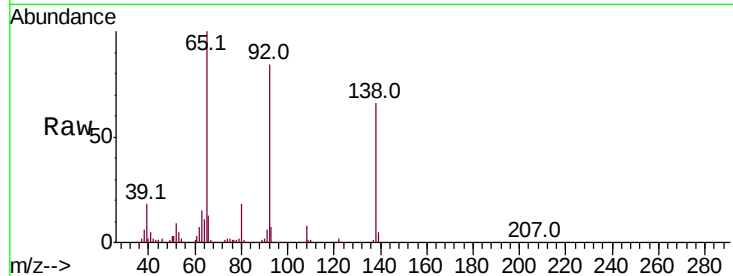
#53
3-Nitroaniline
Concen: 33.291 ng
RT: 14.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.1	13.7
92	127.0	99.7	149.5

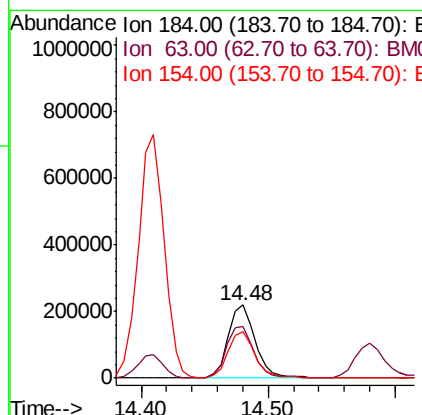
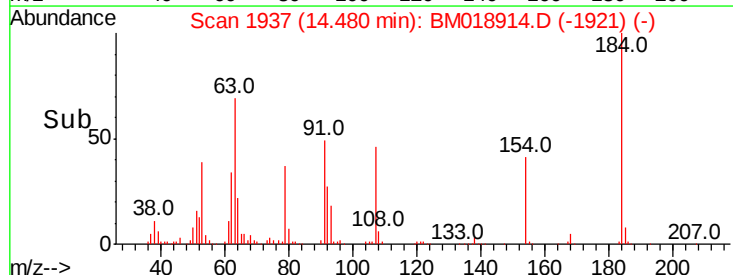
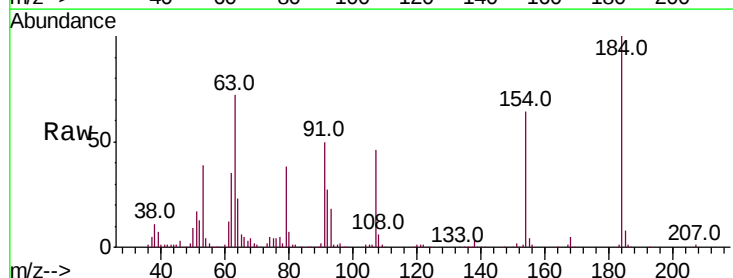
Manual Integrations
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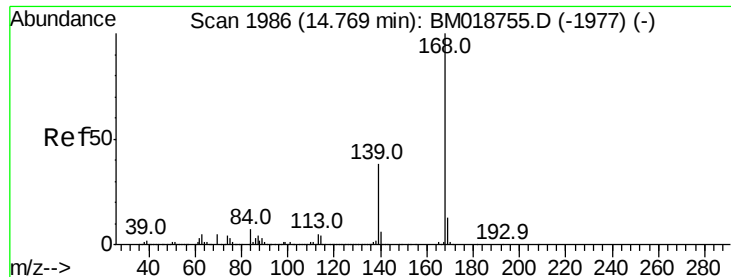
Sohil
2/26/2019 12:06:01 PM



#54
2,4-Dinitrophenol
Concen: 67.702 ng
RT: 14.48 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.6	58.0	87.0
154	63.9	50.3	75.5





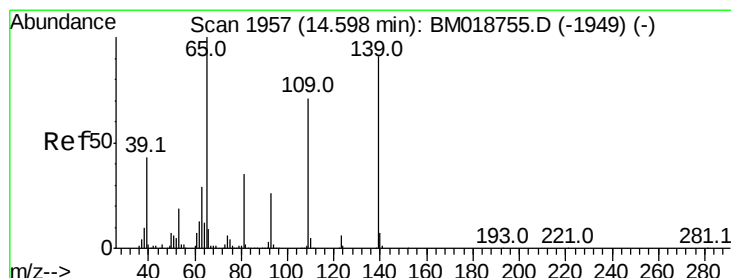
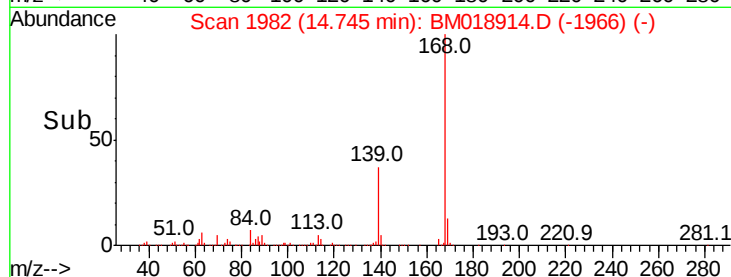
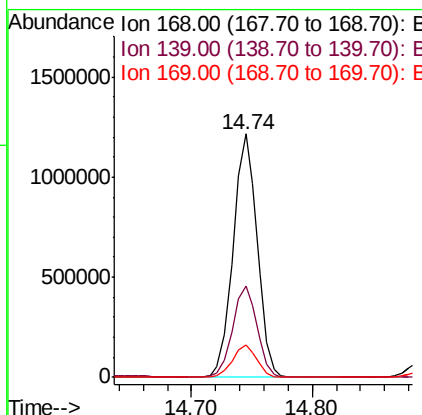
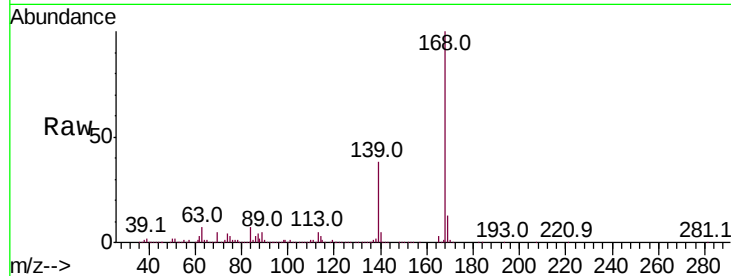
#55
Dibenzofuran
Concen: 39.731 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion:168 Resp: 1687258
Ion Ratio Lower Upper
168 100
139 37.5 30.7 46.1
169 13.3 10.3 15.5

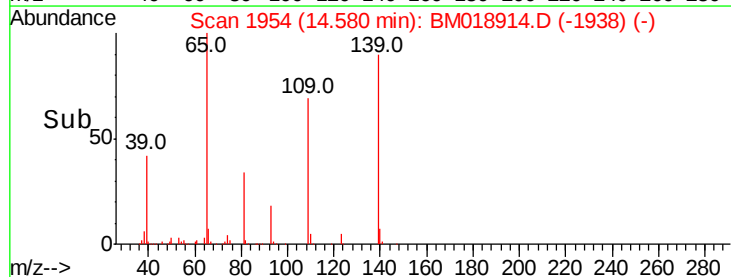
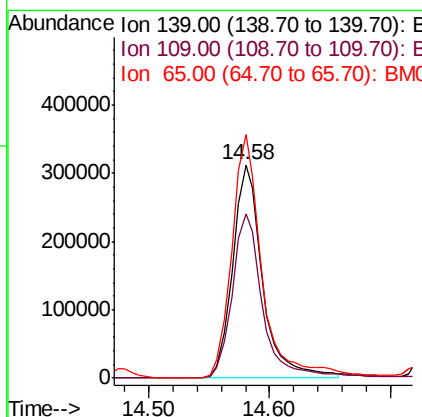
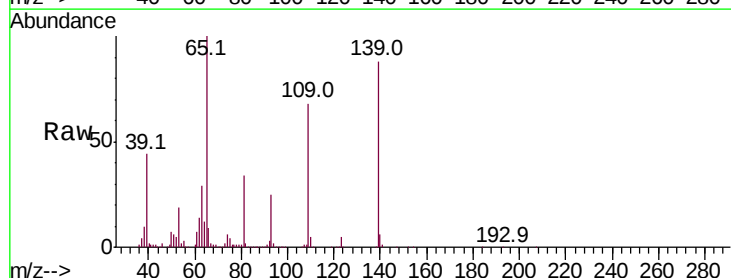
Manual Integrations
APPROVED

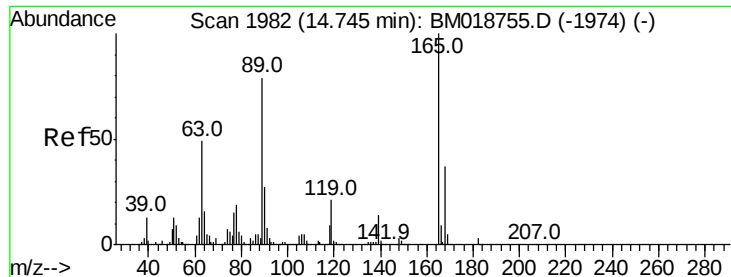
Sohil
2/26/2019 12:06:01 PM



#56
4-Nitrophenol
Concen: 77.794 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion:139 Resp: 539162
Ion Ratio Lower Upper
139 100
109 77.2 58.4 98.4
65 114.1 89.8 129.8





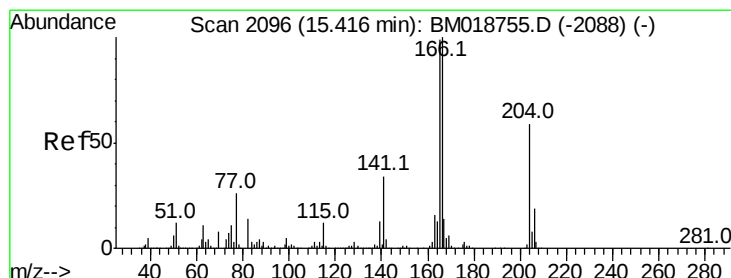
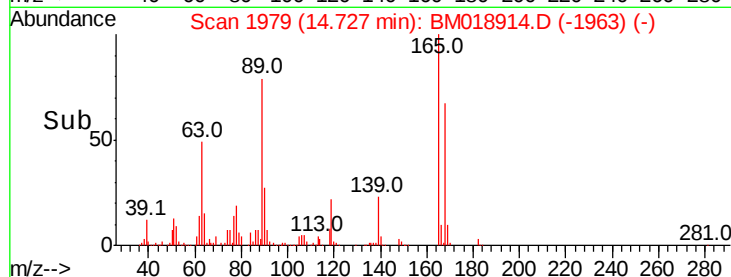
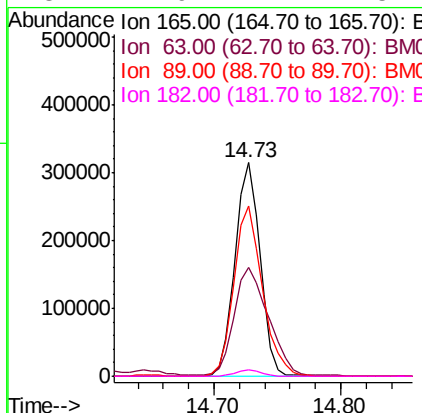
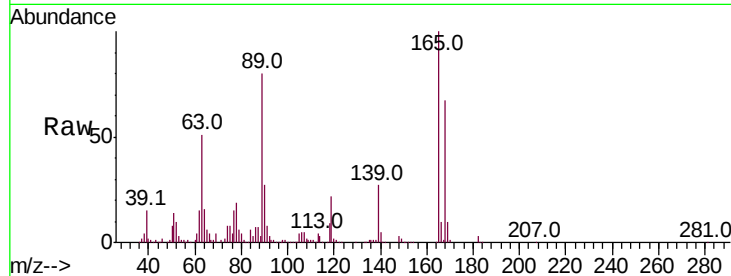
#57
2,4-Dinitrotoluene
Concen: 40.555 ng
RT: 14.73 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion:	165	Resp:	429355
Ion Ratio	Lower	Upper	
165	100		
63	51.0	39.6	59.4
89	79.6	63.5	95.3
182	2.9	2.2	3.4

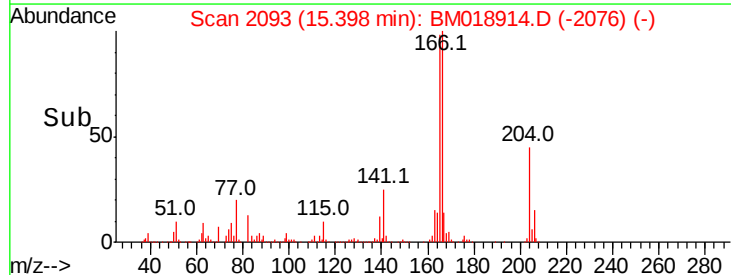
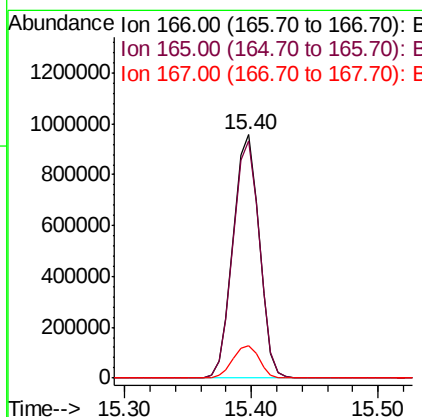
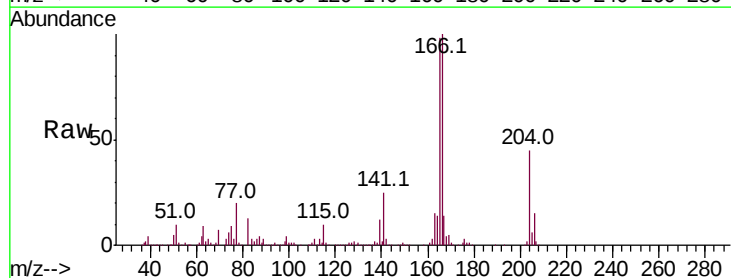
Manual Integrations
APPROVED

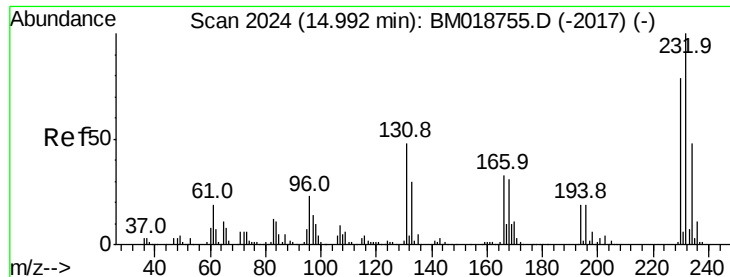
Sohil
2/26/2019 12:06:01 PM



#58
Fluorene
Concen: 42.003 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion:	166	Resp:	1364617
Ion Ratio	Lower	Upper	
166	100		
165	97.6	79.1	118.7
167	13.5	11.0	16.4





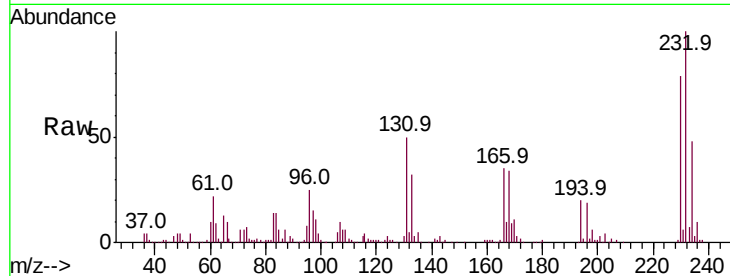
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.995 ng
 RT: 14.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Instrument :
 BNA_M
 ClientSampled :
 M-1MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	359032		
131	49.0		38.6	57.8
130	2.6		2.0	3.0
166	33.9		26.9	40.3

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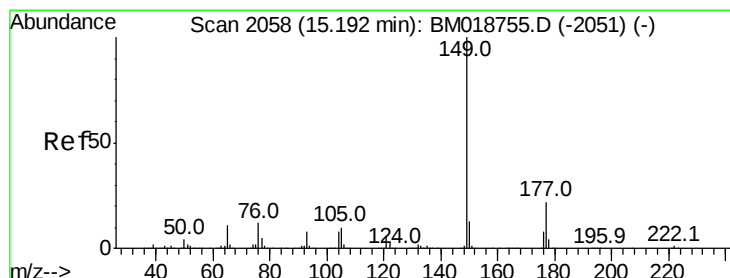
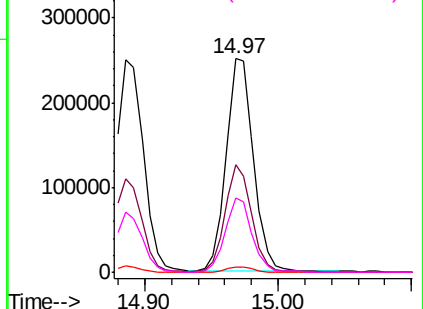
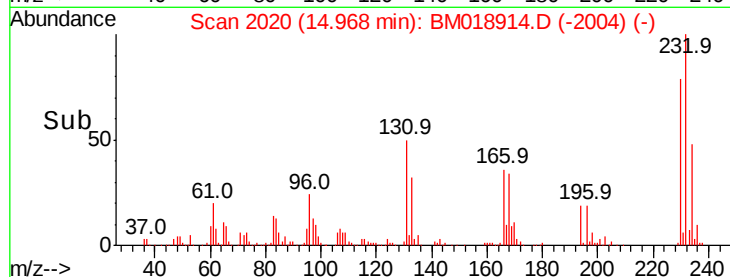
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

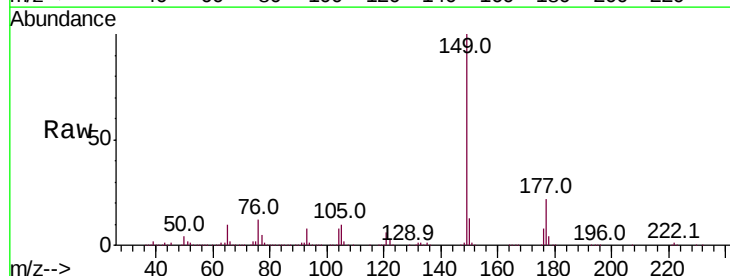
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.277 ng
 RT: 15.17 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1473746		
177	21.7		17.2	25.8
150	12.7		10.2	15.2

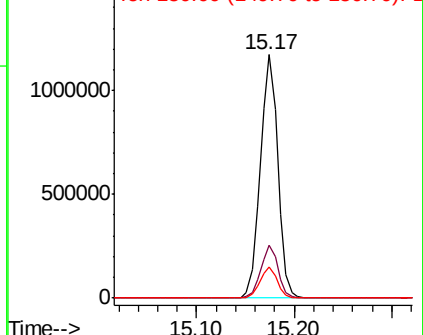
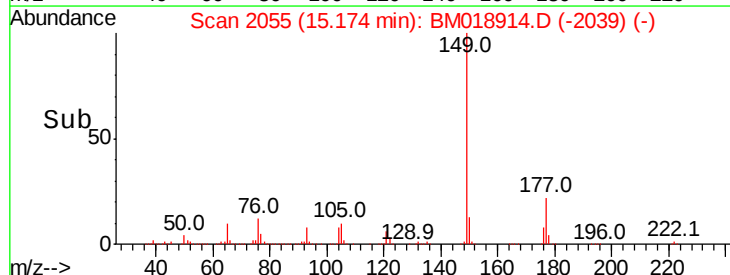


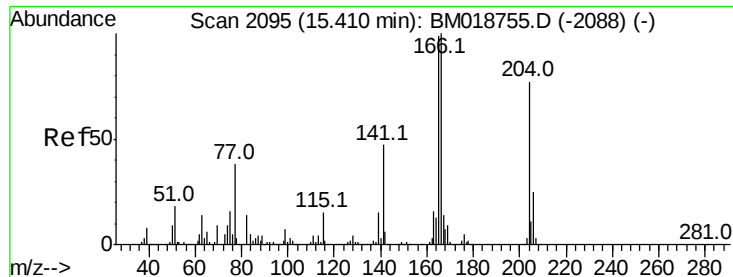
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





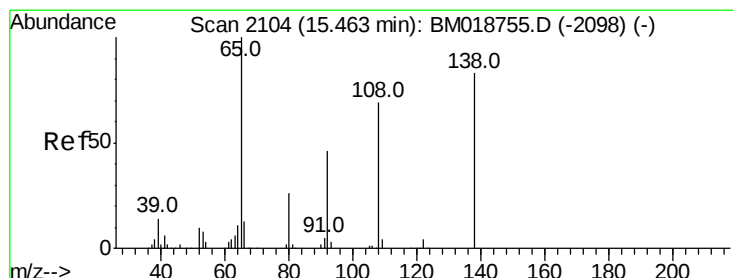
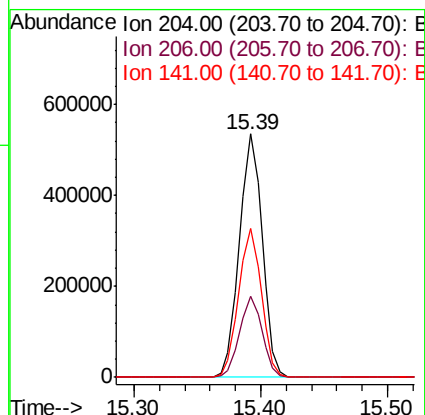
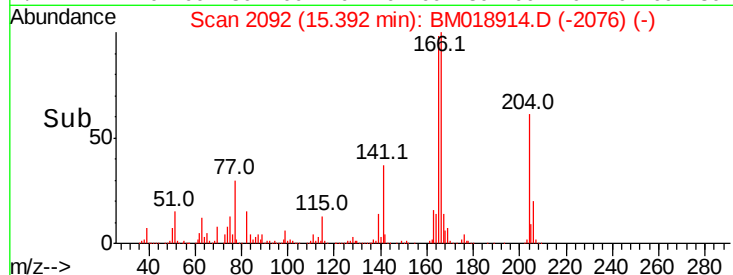
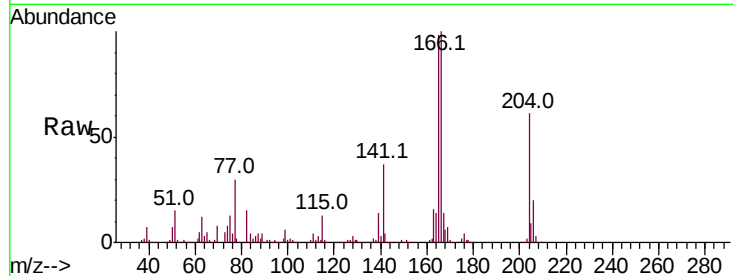
#61
4-Chlorophenyl-phenylether
Concen: 36.649 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	61.3	49.2	73.8

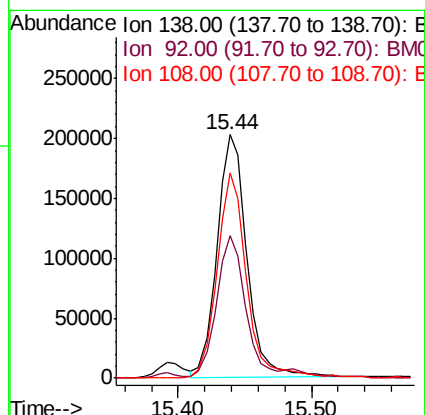
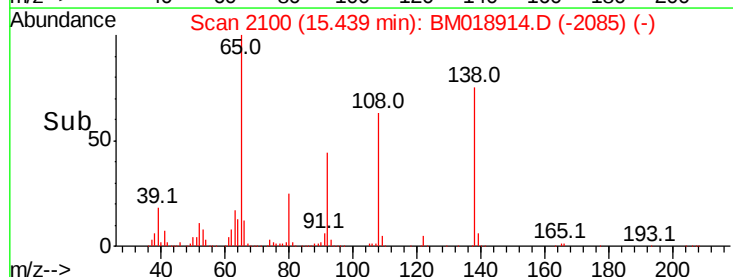
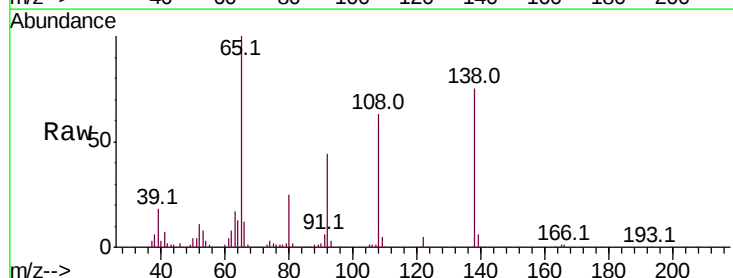
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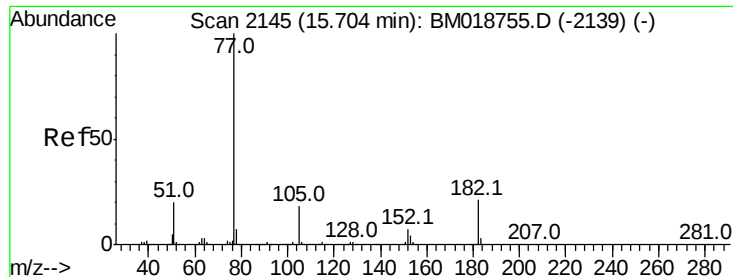
Sohil
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#62
4-Nitroaniline
Concen: 37.091 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.6	35.5	75.5
108	84.5	62.4	102.4





#63

Azobenzene

Concen: 39.122 ng

RT: 15.69 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampled :

M-1MS

Tot Ion: 77 Resp: 1534867

Ion Ratio Lower Upper

77 100

182 21.2 1.0 41.0

105 17.9 0.0 37.7

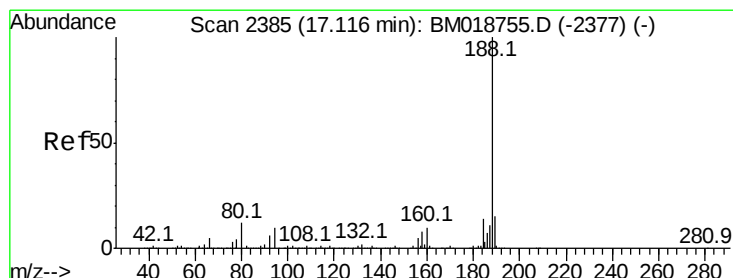
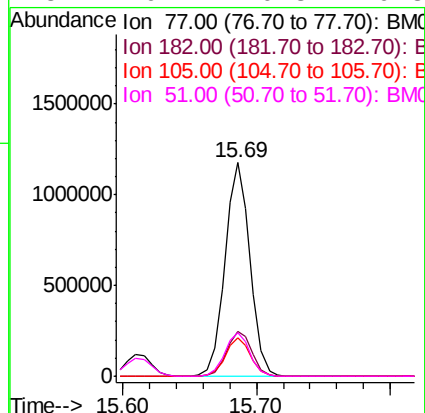
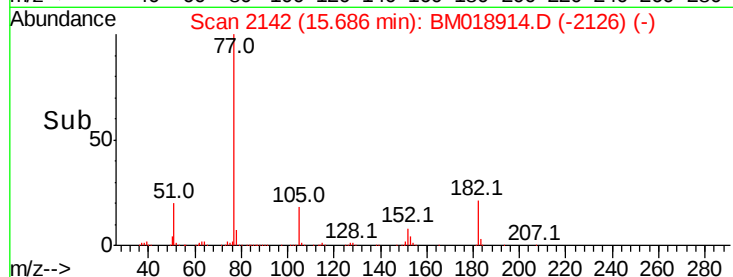
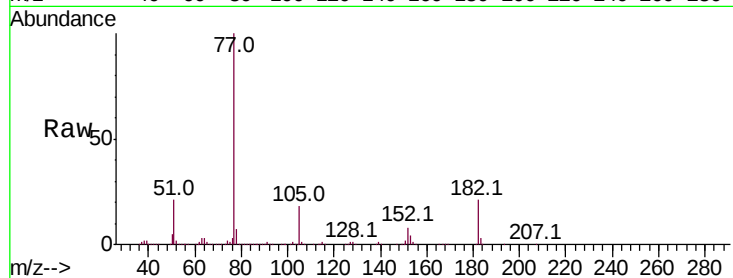
51 20.7 0.3 40.3

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

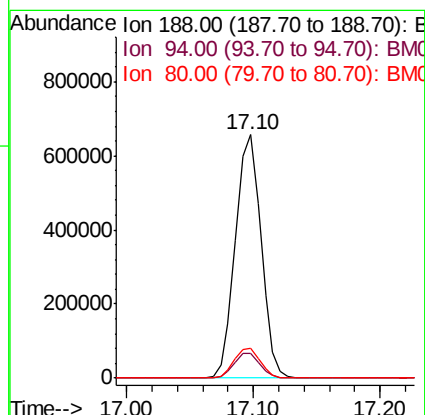
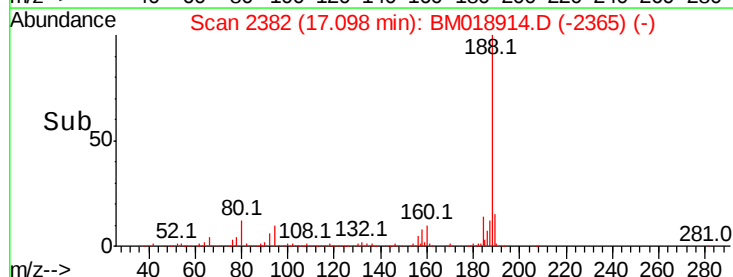
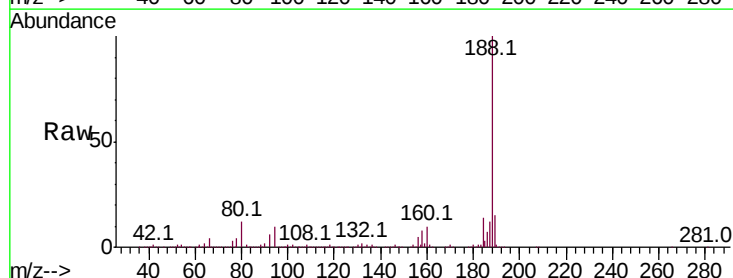
Tgt Ion: 188 Resp: 921407

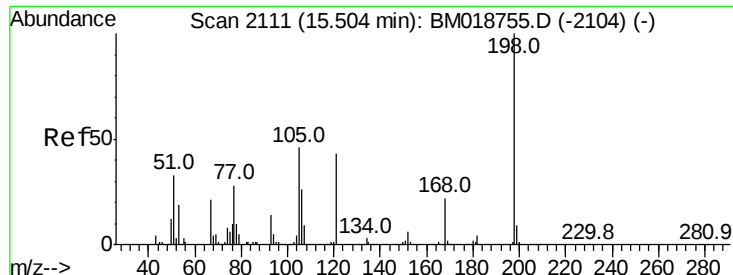
Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 12.1 9.7 14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 37.406 ng

RT: 15.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

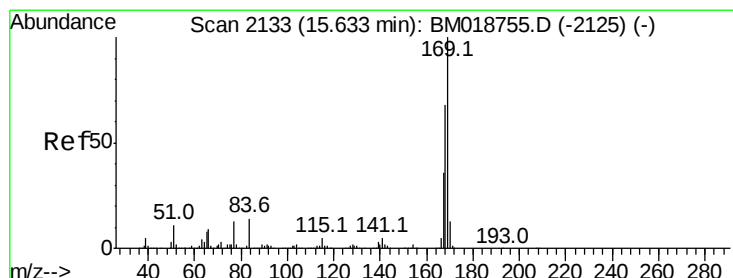
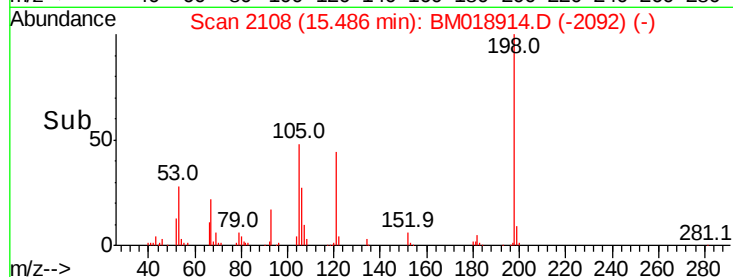
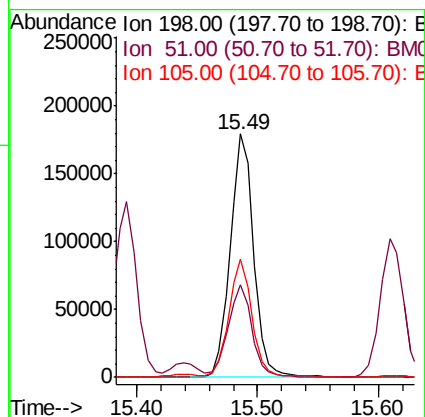
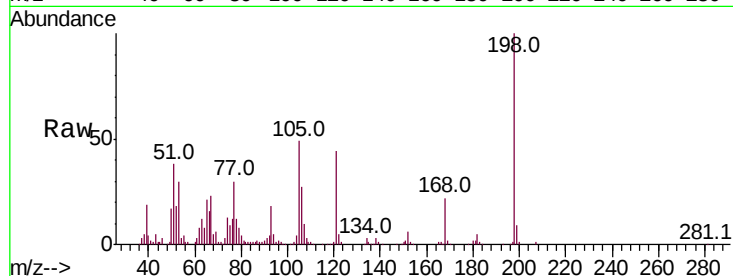
ClientSampled :

M-1MS

Tot Ion:	198	Resp:	241992
Ion Ratio	Lower	Upper	
198	100		
51	38.2	18.4	58.4
105	48.7	27.2	67.2

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#66

n-Nitrosodiphenylamine

Concen: 40.925 ng

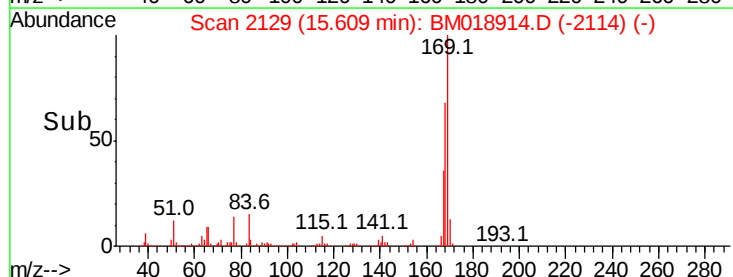
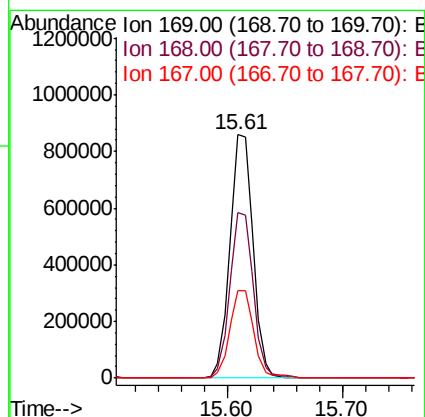
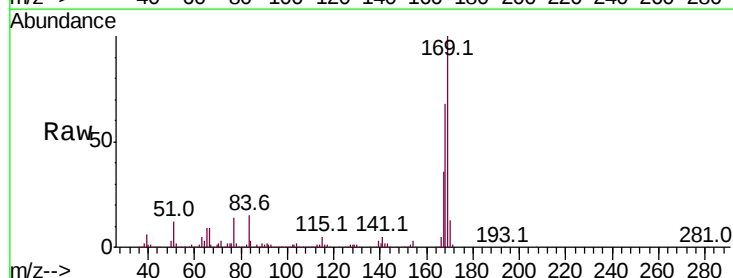
RT: 15.61 min Scan# 2129

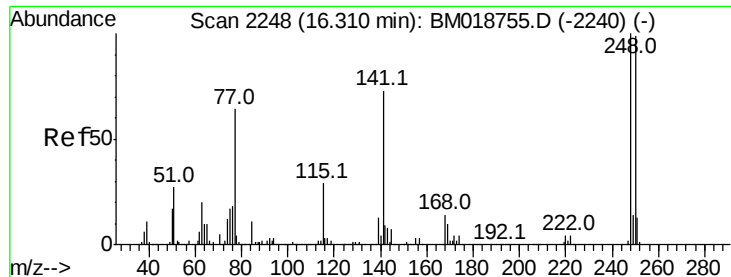
Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:	169	Resp:	1191363
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.4	81.6
167	36.0	29.0	43.6





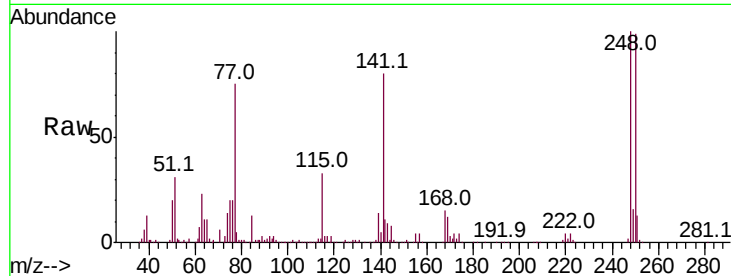
#67
4-Bromophenyl-phenylether
Concen: 38.314 ng
RT: 16.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.0	118.6
141	80.3	58.6	88.0

Manual Integrations
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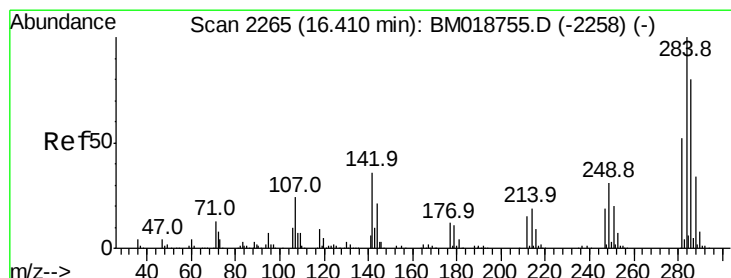
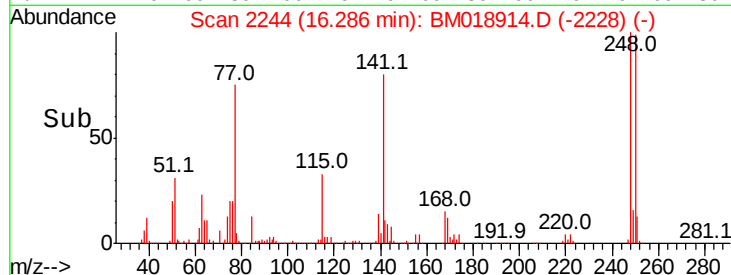
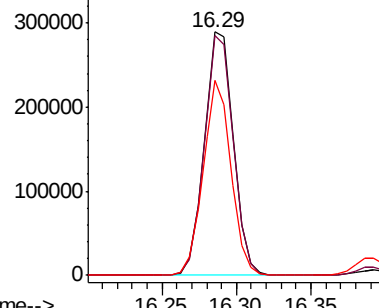


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.151 ng
RT: 16.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

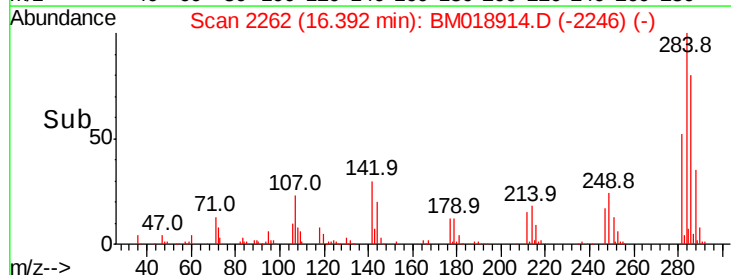
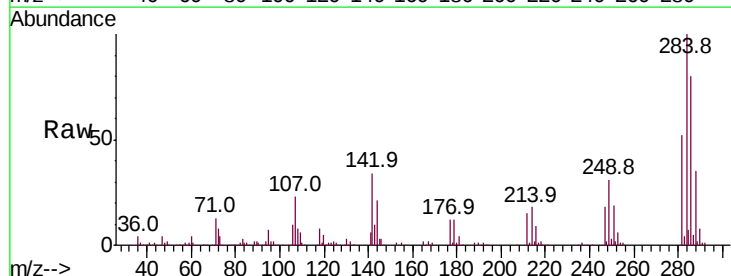
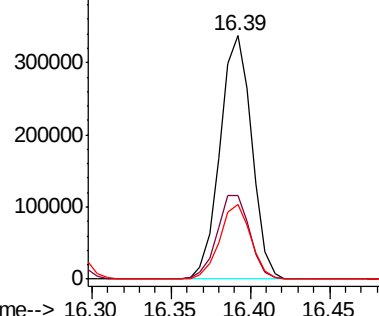
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.9	43.3
249	30.7	24.8	37.2

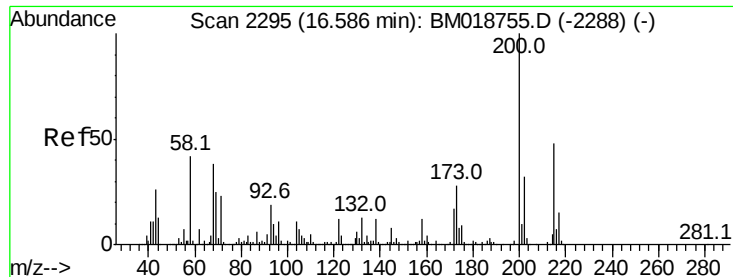
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





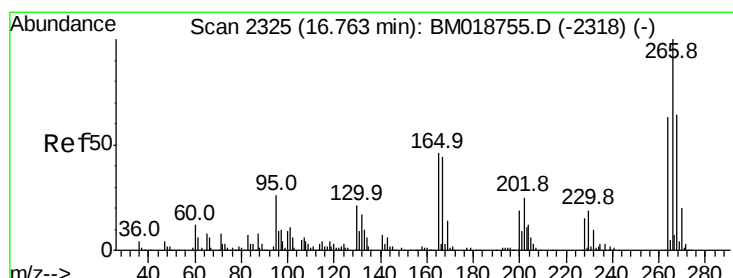
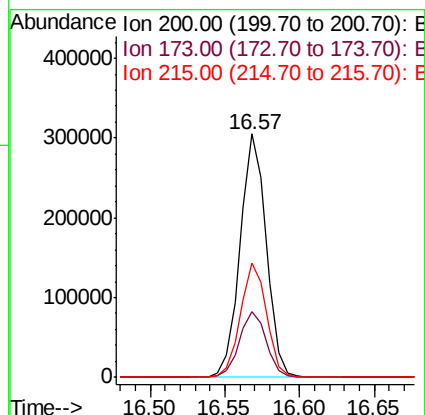
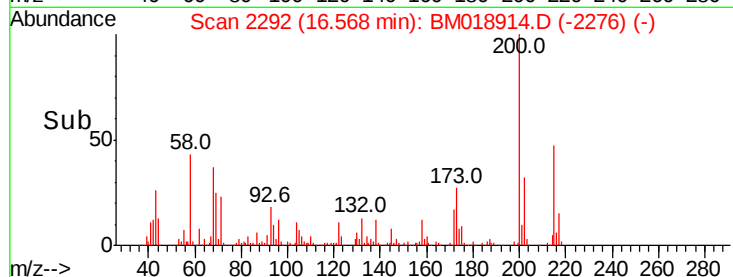
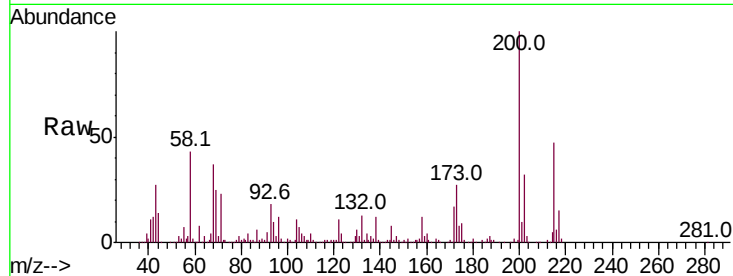
#69
Atrazine
Concen: 39.733 ng
RT: 16.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampleId :
M-1MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	7.6	47.6
215	46.7	27.6	67.6

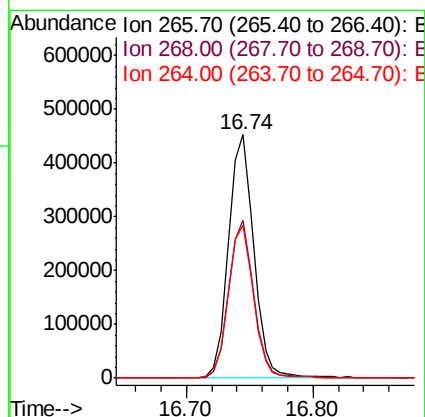
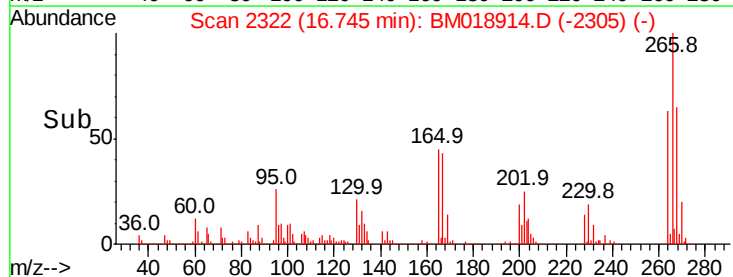
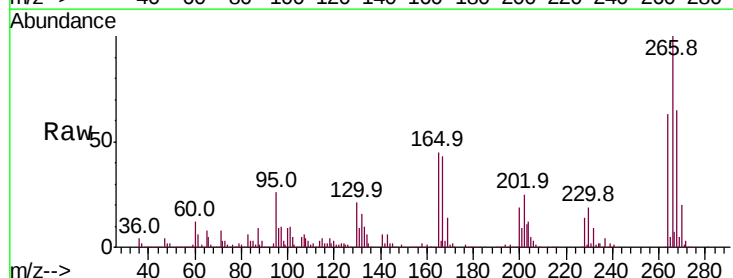
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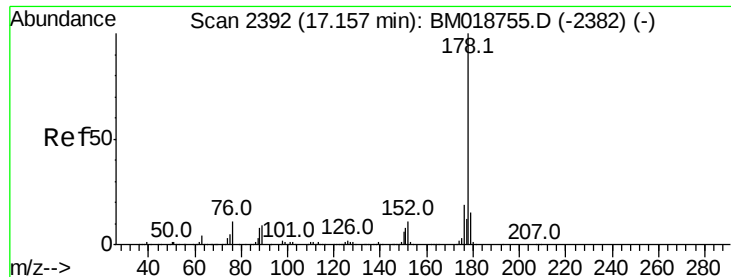
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#70
Pentachlorophenol
Concen: 80.935 ng
RT: 16.74 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	51.3	76.9
264	63.0	50.6	75.8





#71

Phenanthrene

Concen: 43.699 ng

RT: 17.14 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

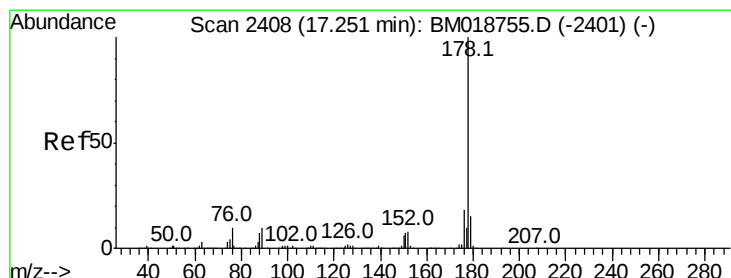
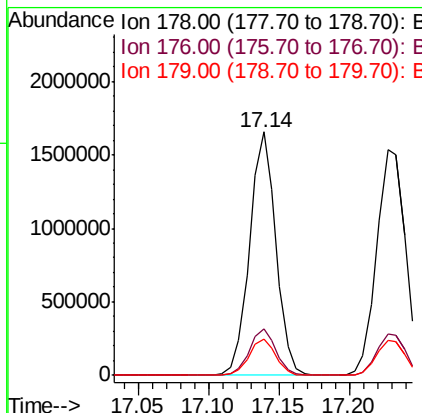
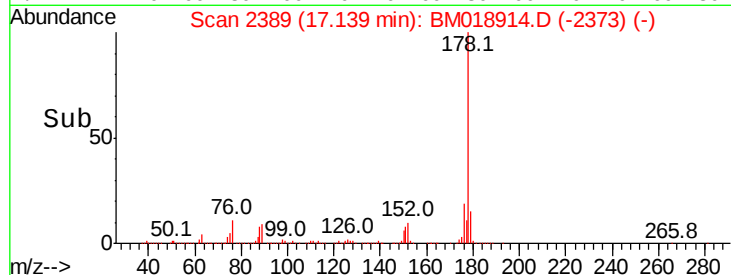
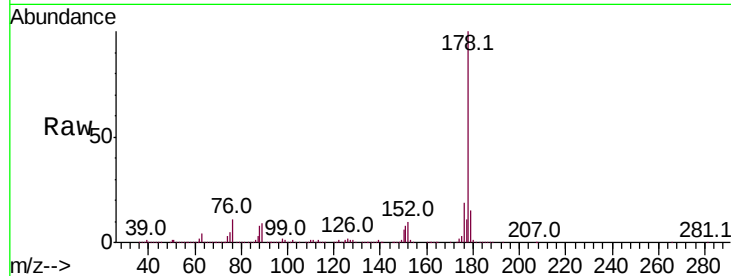
M-1MS

Tot Ion:178 Resp: 2163900

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.1	12.3	18.5

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#72

Anthracene

Concen: 45.357 ng

RT: 17.23 min Scan# 2404

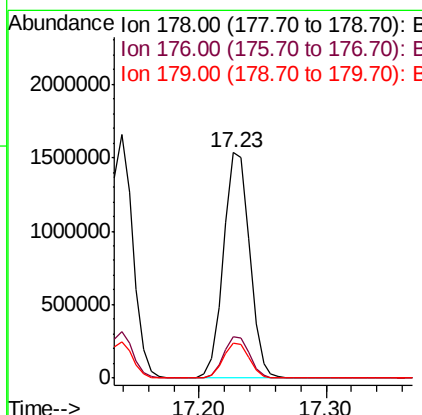
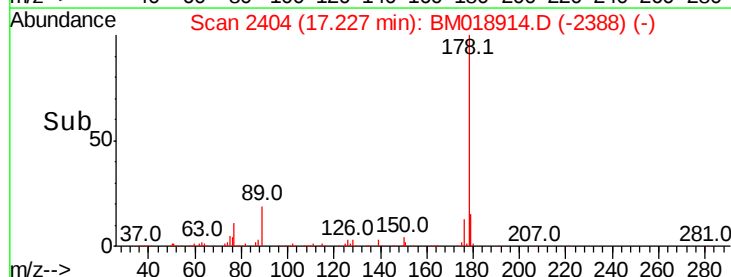
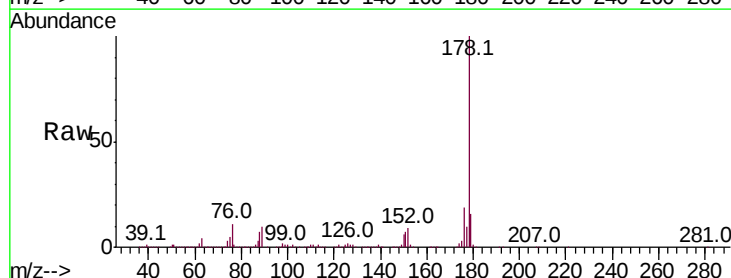
Delta R.T. -0.01 min

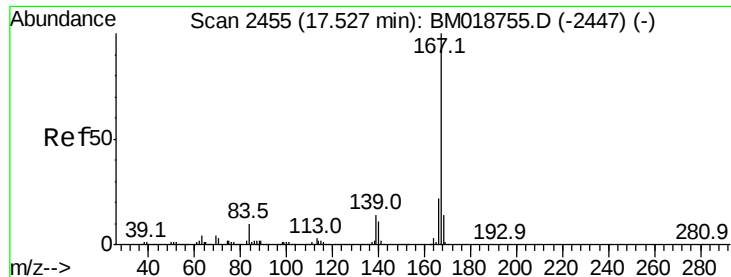
Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:178 Resp: 2186060

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.6	12.1	18.1





#73

Carbazole

Concen: 40.280 ng

RT: 17.51 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

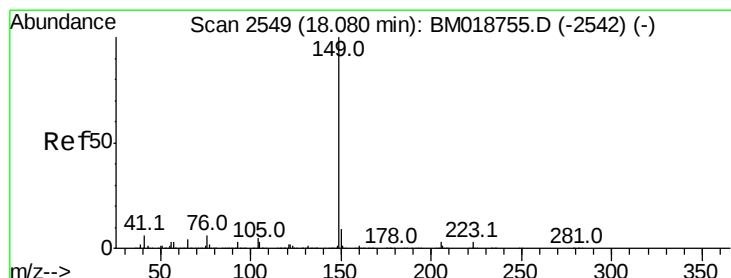
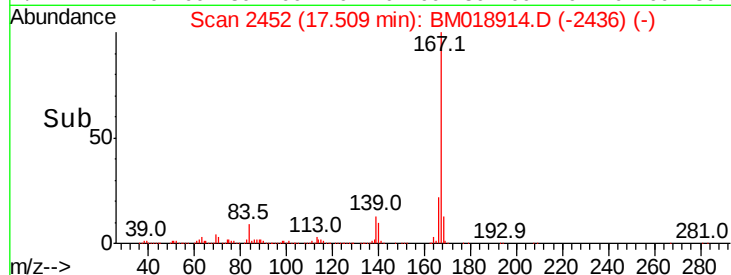
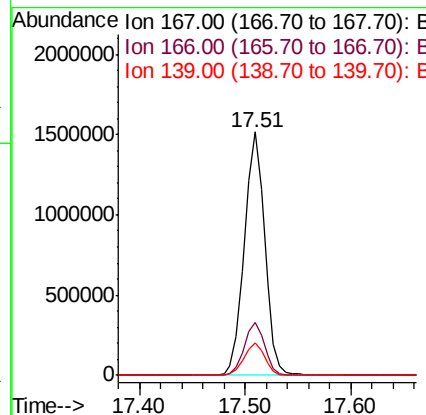
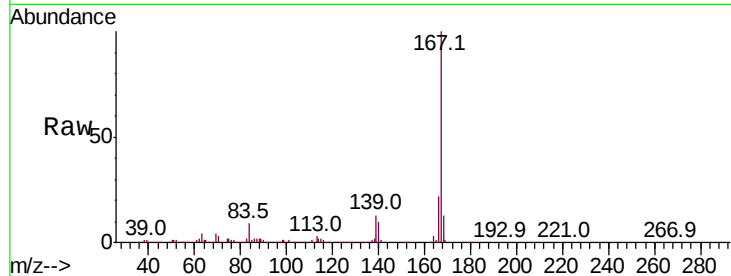
ClientSampleId :

M-1MS

Tot Ion:	167	Resp:	2028285
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	13.3	10.9	16.3

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 43.814 ng

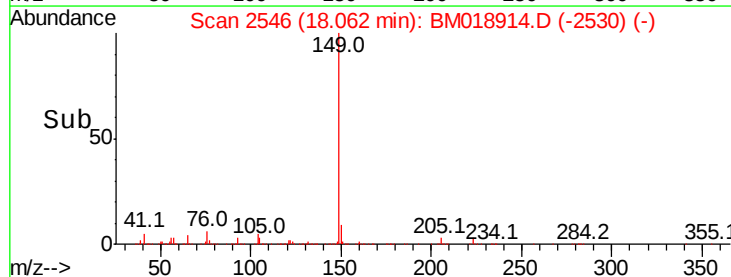
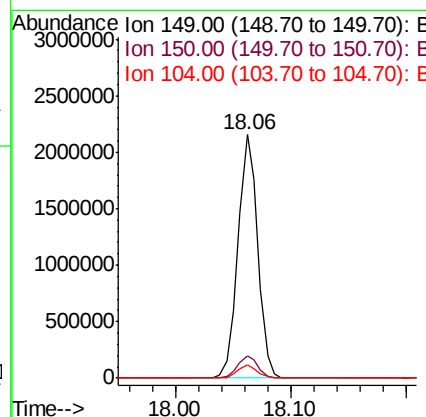
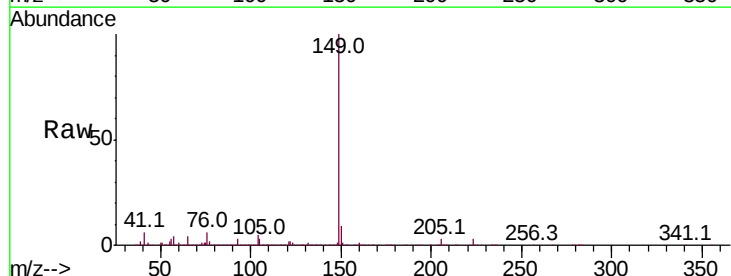
RT: 18.06 min Scan# 2546

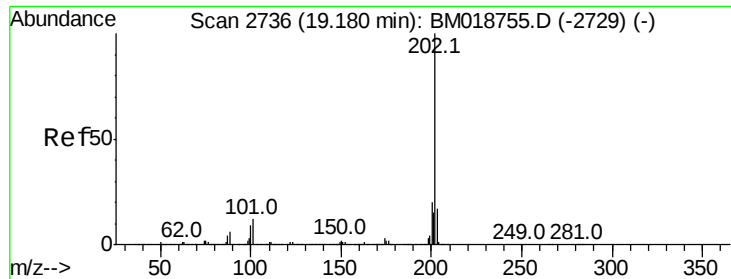
Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:	149	Resp:	2537325
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.5	4.3	6.5





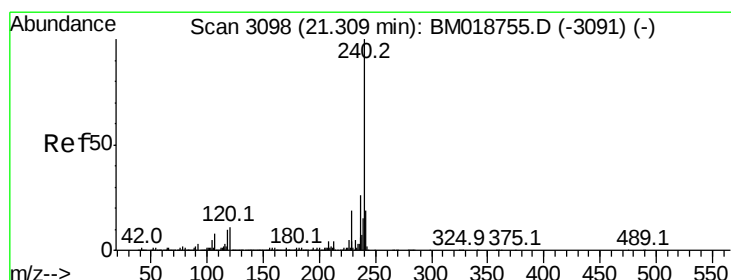
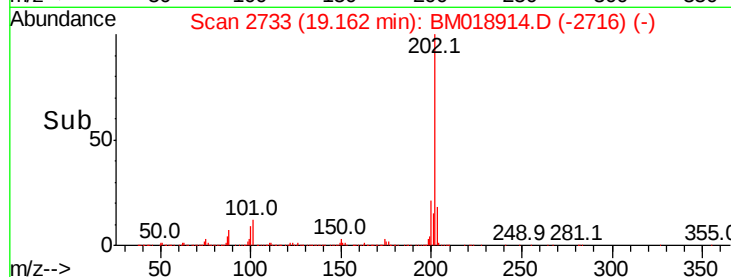
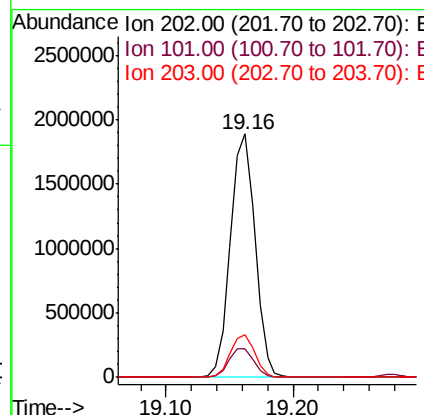
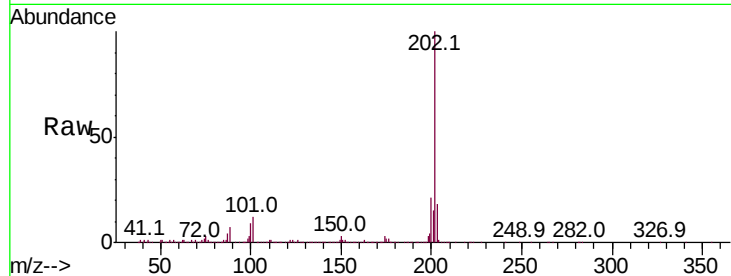
#75
 Fluoranthene
 Concen: 44.345 ng
 RT: 19.16 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Instrument :
 BNA_M
 ClientSampleId :
 M-1MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.5
203	17.6	0.0	37.3

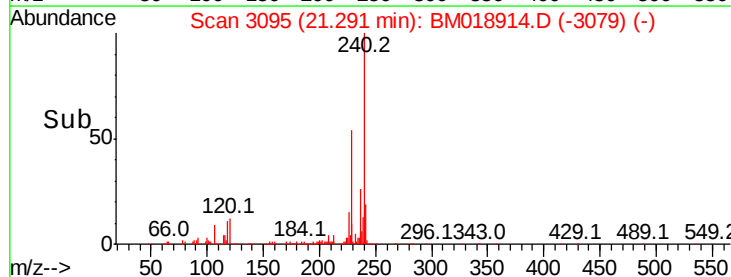
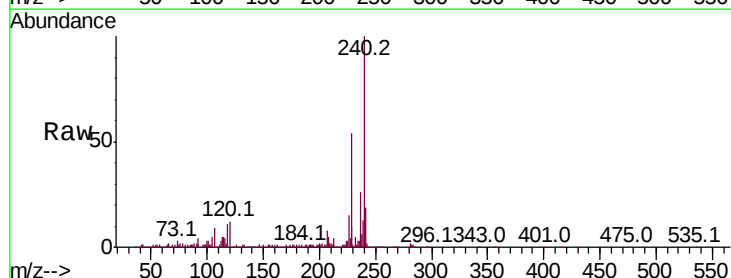
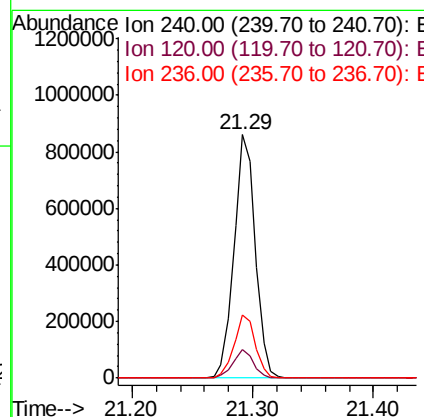
Manual Integrations
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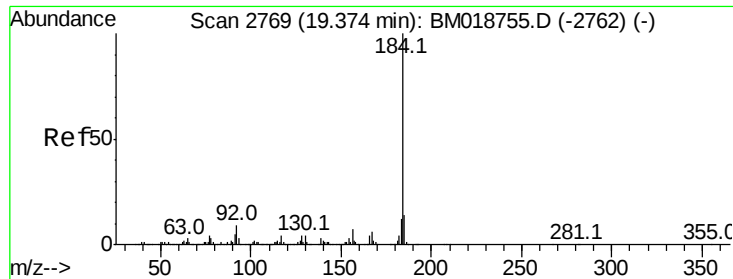
Sohil
 2/26/2019 12:06:01 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.29 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	25.8	20.9	31.3





#77

Benzidine

Concen: 76.784 ng

RT: 19.36 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

Tot Ion:184 Resp: 1828422

Ion Ratio Lower Upper

184 100

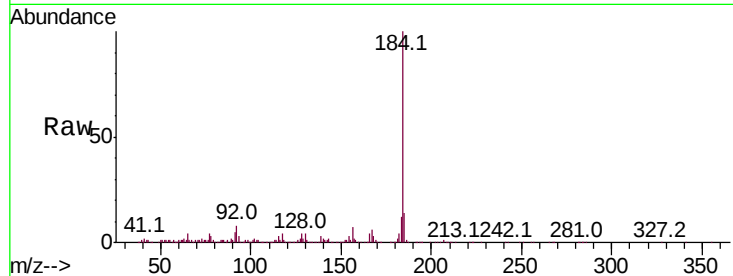
185 14.3 11.2 16.8

183 12.2 9.7 14.5

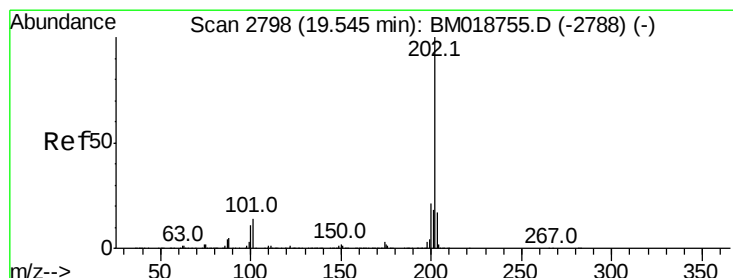
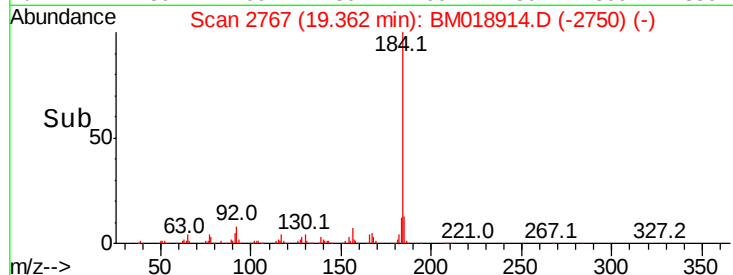
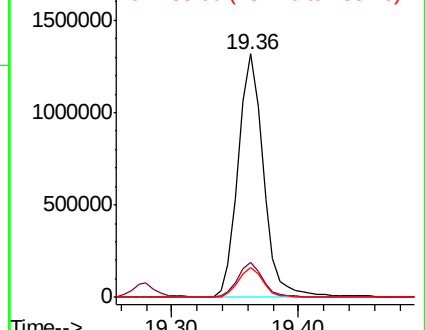
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.660 ng

RT: 19.53 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

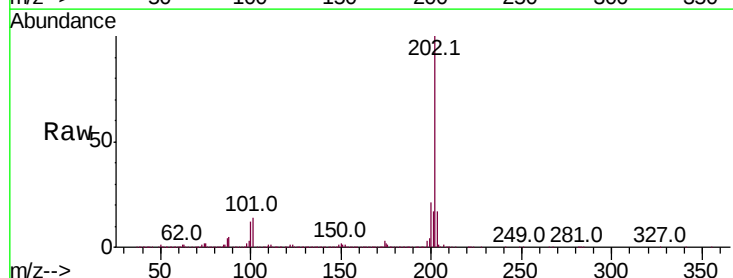
Tgt Ion:202 Resp: 2619699

Ion Ratio Lower Upper

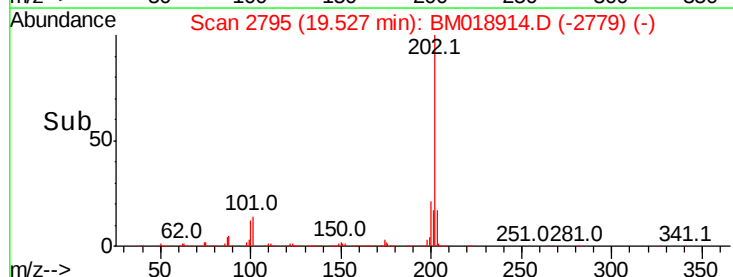
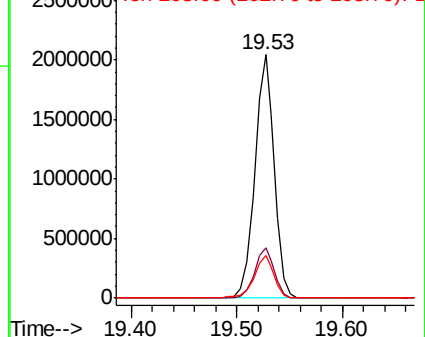
202 100

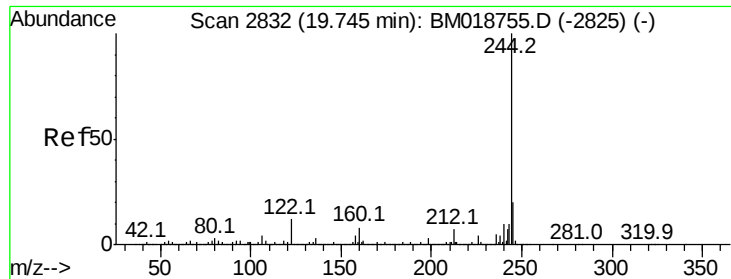
200 20.7 16.9 25.3

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: 72.000 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

Tot Ion:244 Resp: 3690305

Ion Ratio Lower Upper

244 100

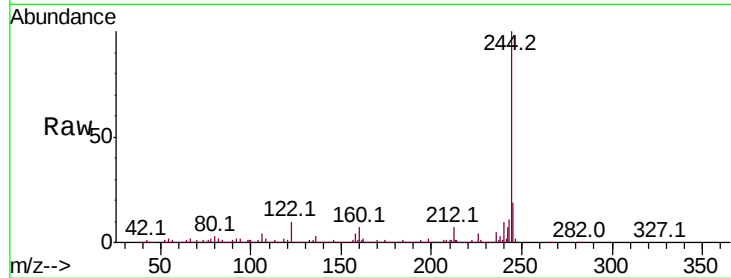
212 6.8 5.6 8.4

122 10.4 9.3 13.9

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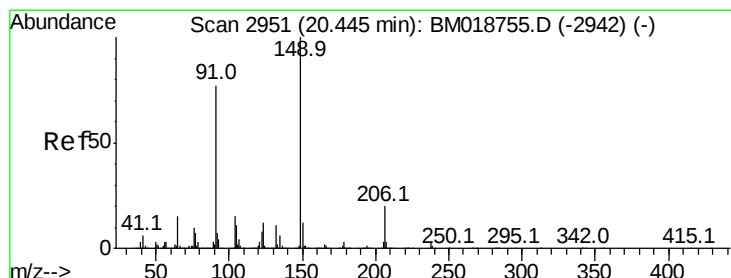
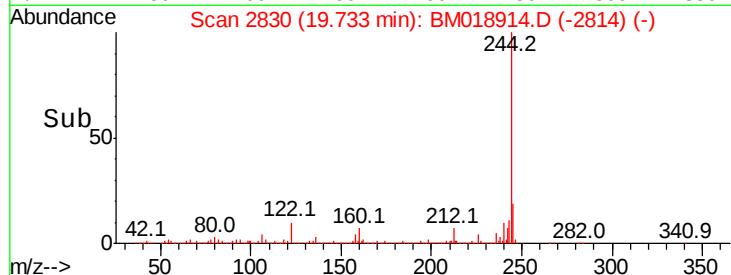
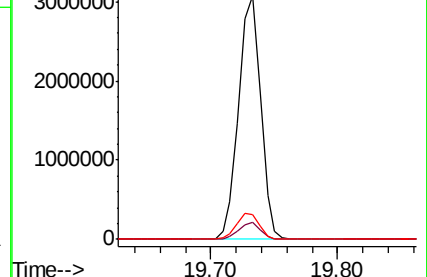
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.582 ng

RT: 20.43 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

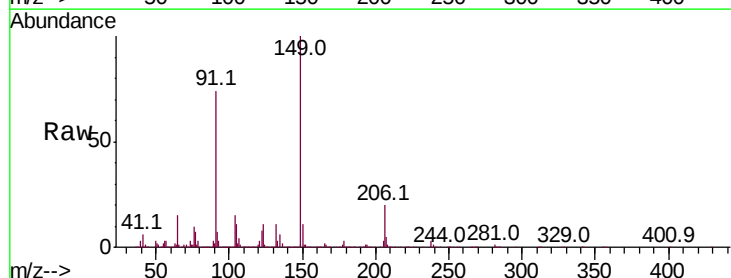
Tgt Ion:149 Resp: 1247692

Ion Ratio Lower Upper

149 100

91 73.6 61.4 92.0

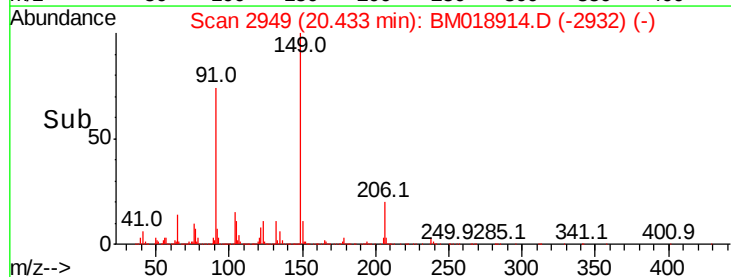
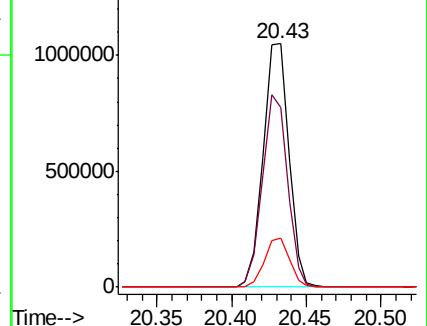
206 20.1 15.8 23.8

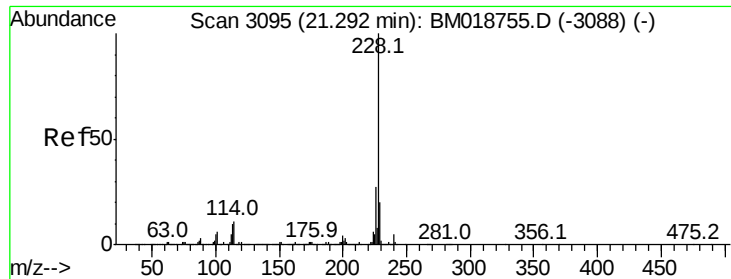


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





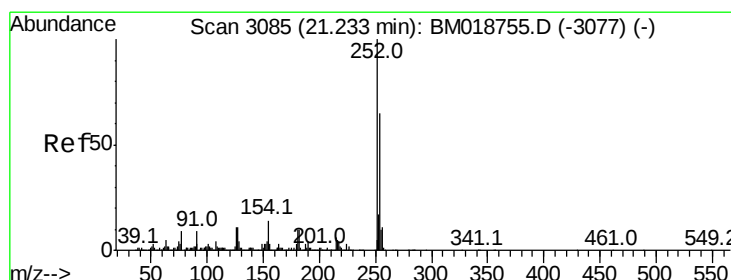
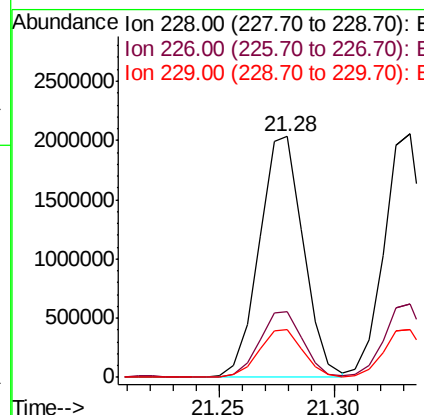
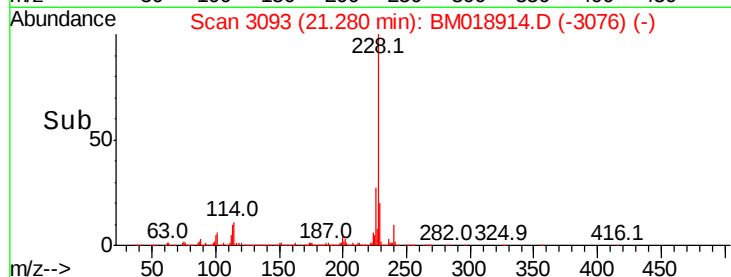
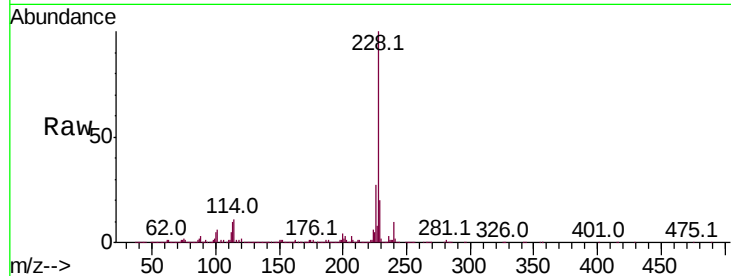
#81
Benzo(a)anthracene
Concen: 43.723 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion:228 Resp: 2694776
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.6 15.9 23.9

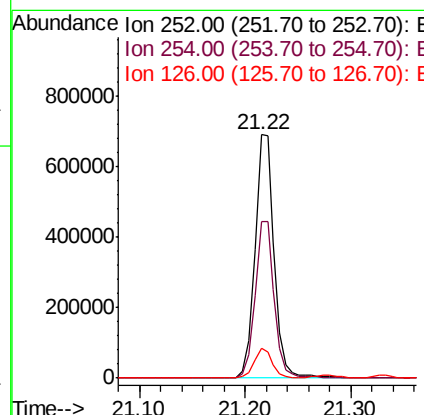
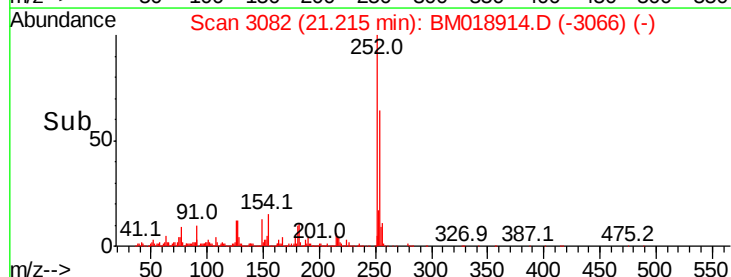
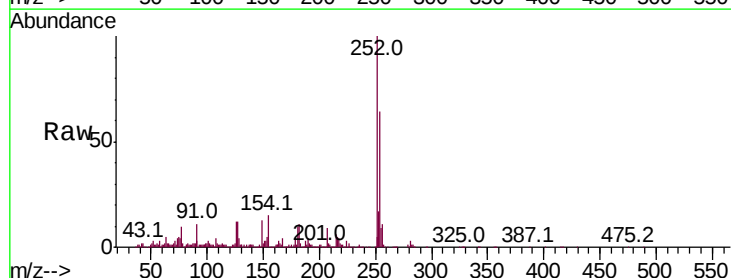
Manual Integrations
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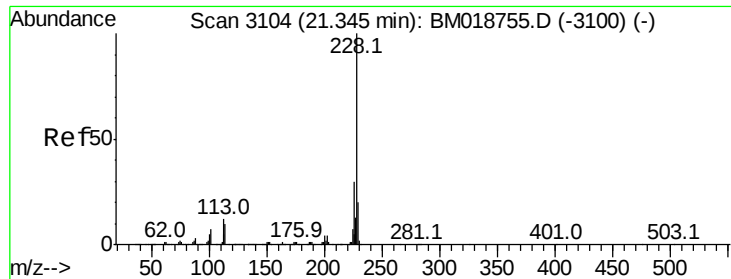
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#82
3,3'-Dichlorobenzidine
Concen: 36.044 ng
RT: 21.22 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion:252 Resp: 877983
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.8
126 12.2 9.1 13.7





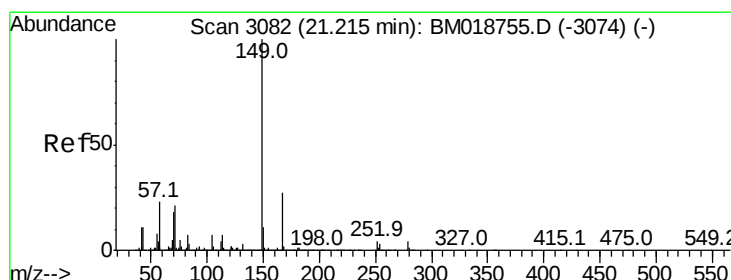
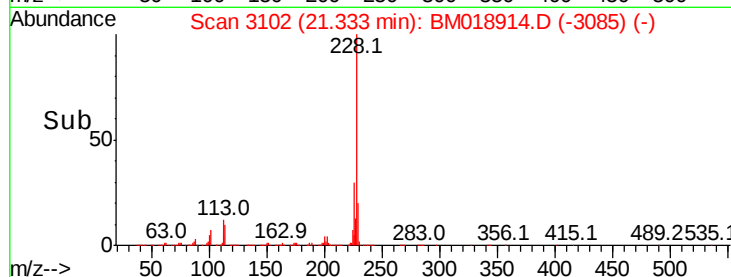
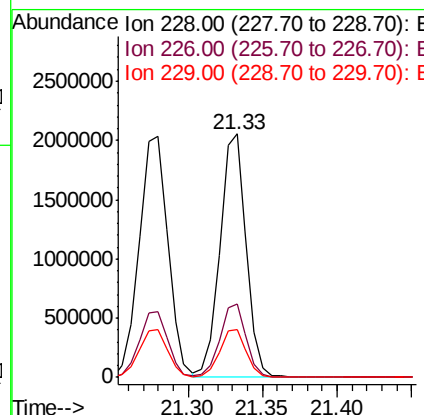
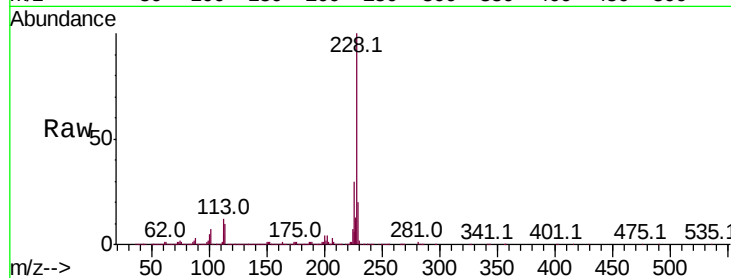
#83
Chrysene
Concen: 42.758 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion:228 Resp: 2525897
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.6 16.0 24.0

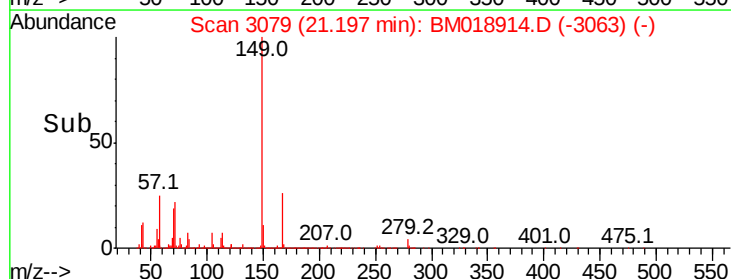
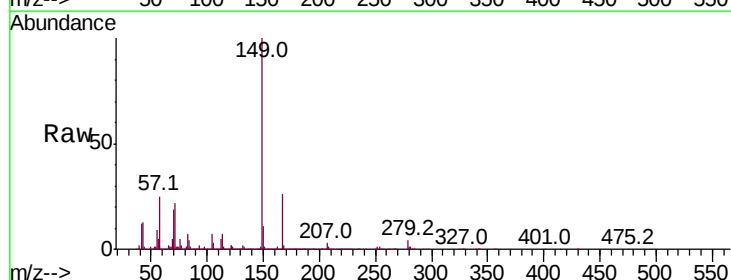
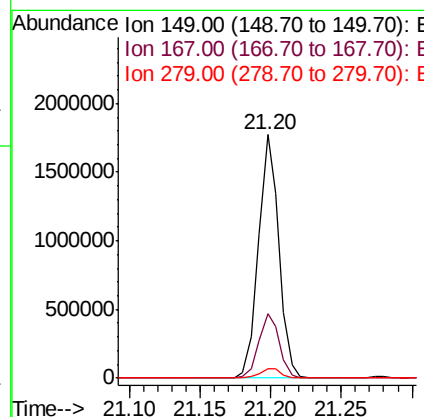
Manual Integrations
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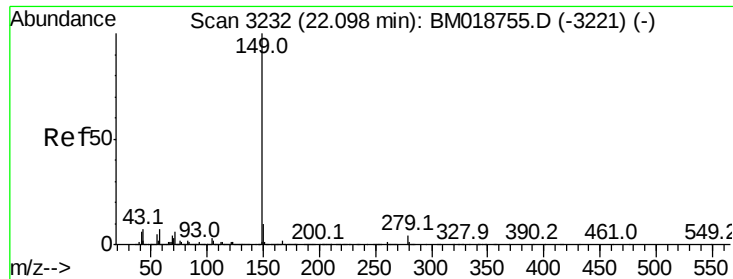
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.996 ng
RT: 21.20 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion:149 Resp: 1802106
Ion Ratio Lower Upper
149 100
167 26.3 21.8 32.6
279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 45.750 ng

RT: 22.08 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

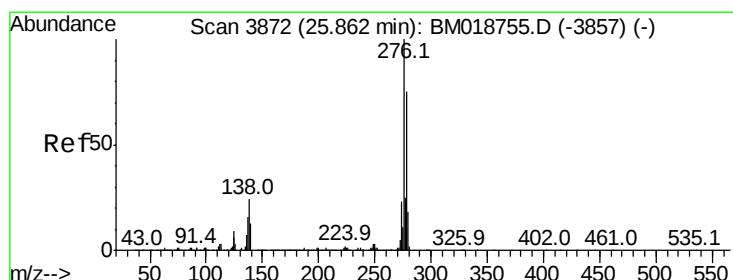
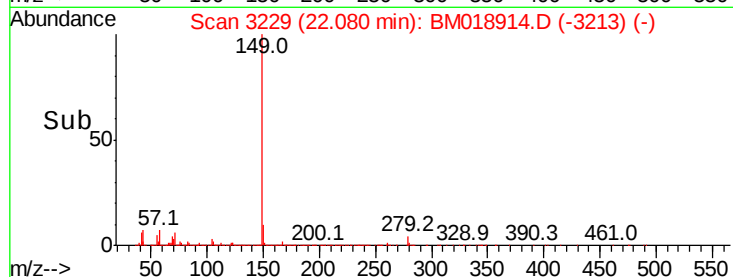
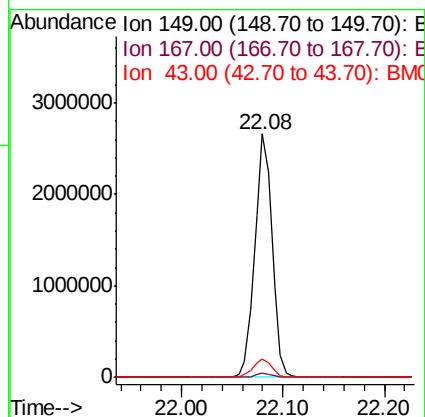
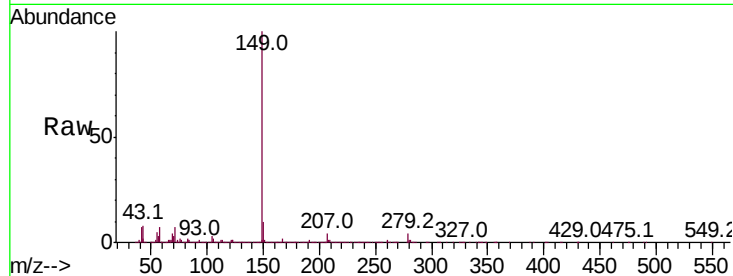
ClientSampleId :

M-1MS

Tot Ion:	149	Resp:	3149570
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 51.141 ng

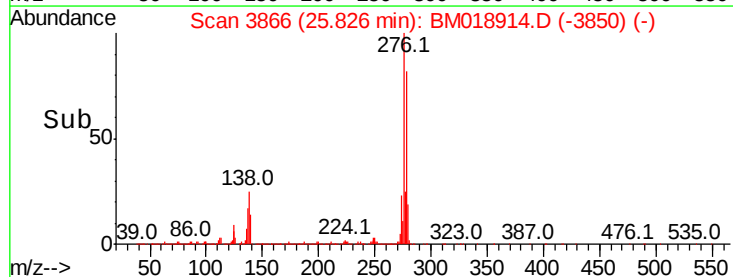
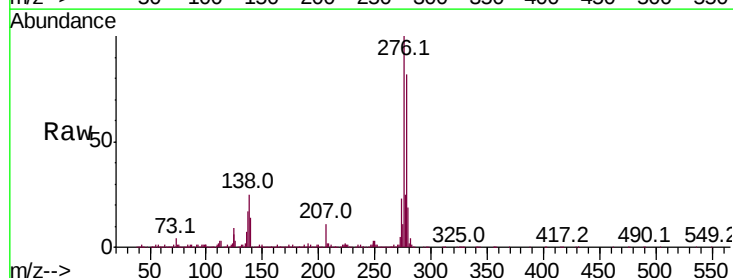
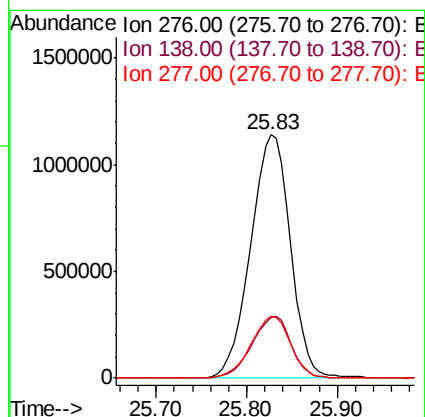
RT: 25.83 min Scan# 3866

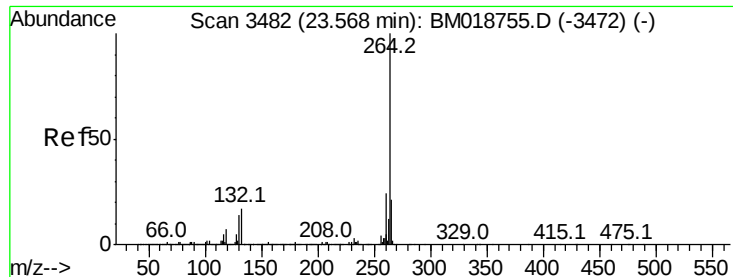
Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:	276	Resp:	3488048
Ion Ratio	Lower	Upper	
276	100		
138	25.1	20.2	30.4
277	25.2	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.54 min Scan# 3478

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

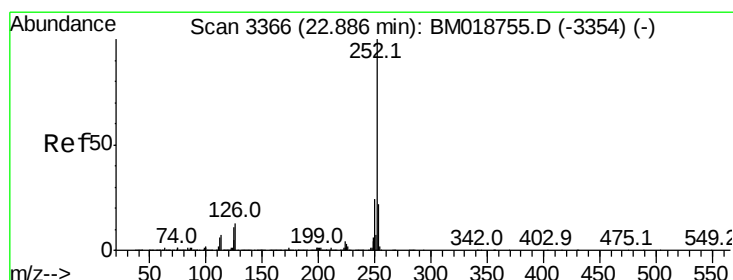
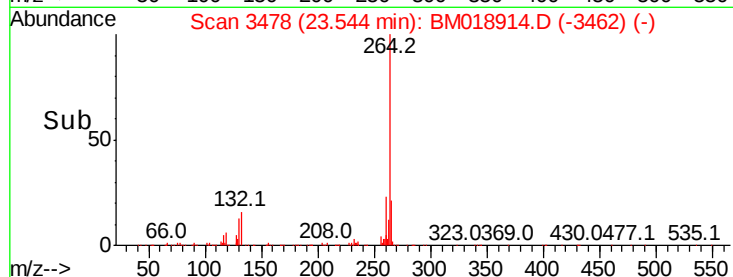
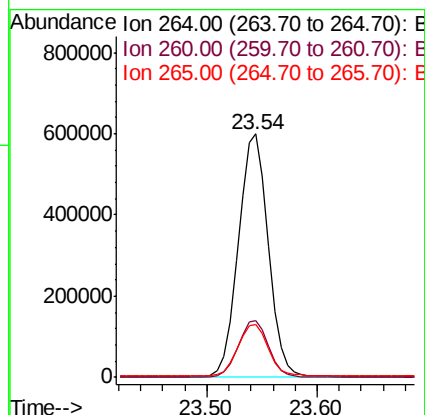
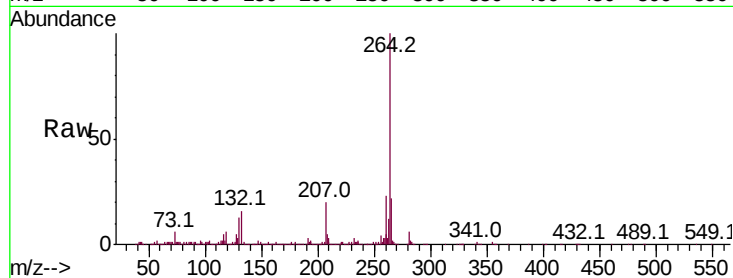
ClientSampleId :

M-1MS

Tot Ion:	264	Resp:	1143719
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.9	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 42.471 ng

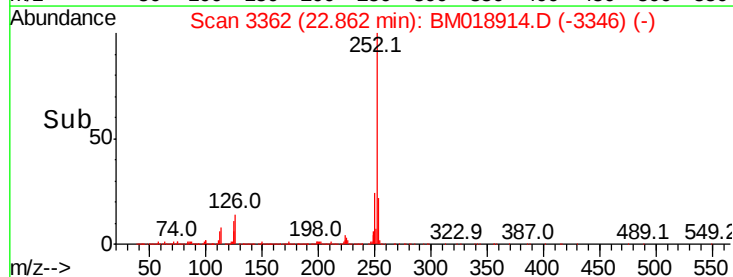
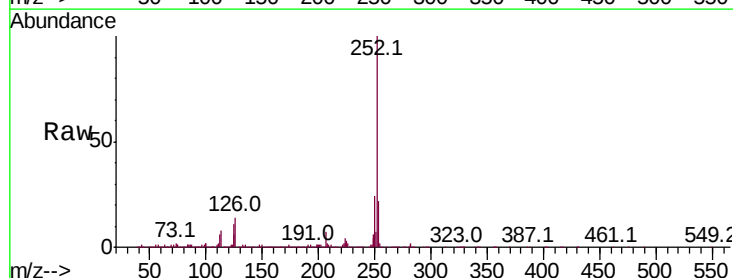
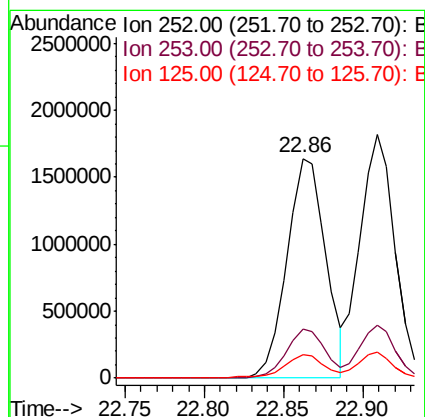
RT: 22.86 min Scan# 3362

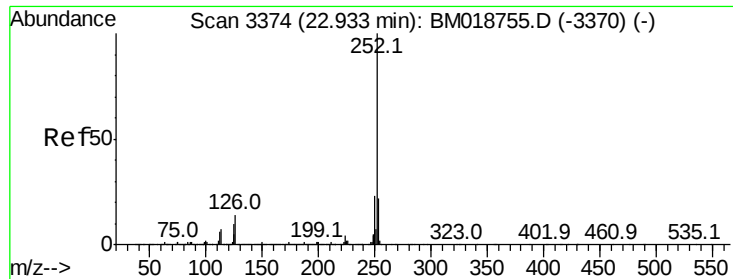
Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:	252	Resp:	2779137
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.9	8.6	12.8





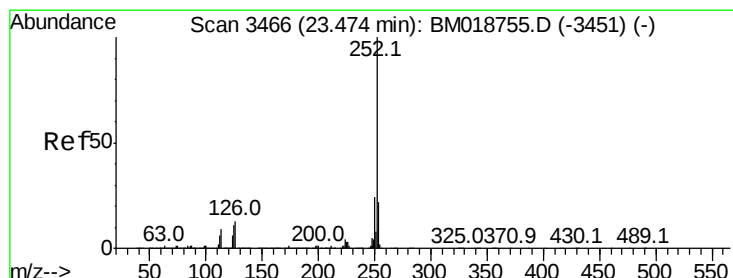
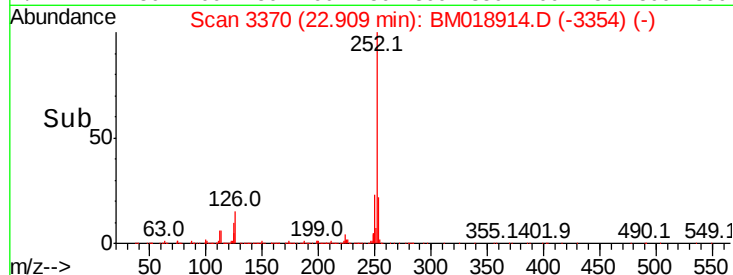
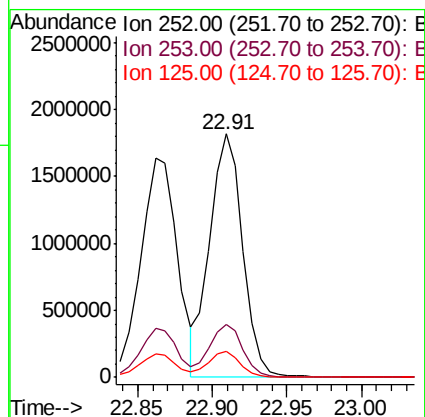
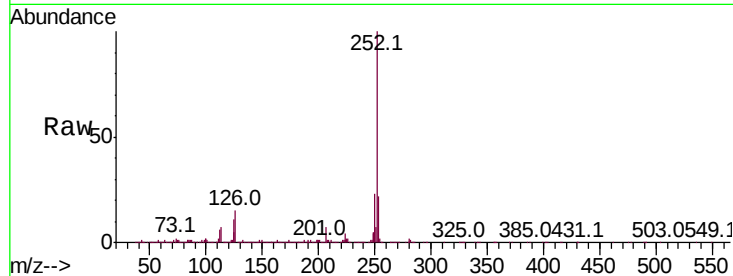
#89
Benzo(k)fluoranthene
Concen: 42.705 ng
RT: 22.91 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.6	8.2	12.4

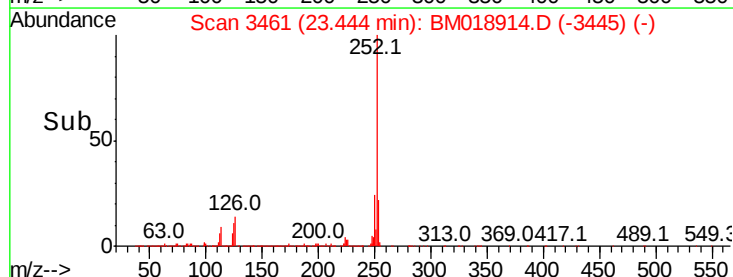
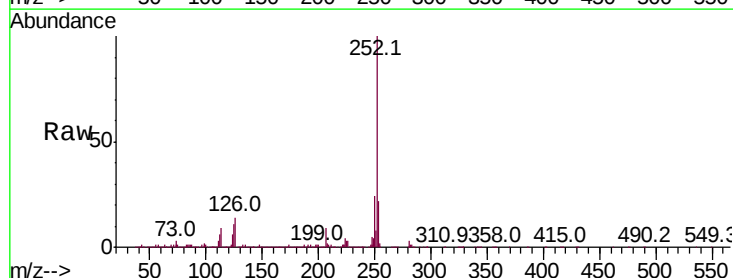
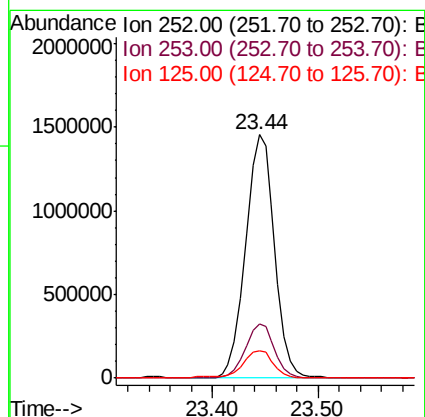
Manual Integrations
APPROVED

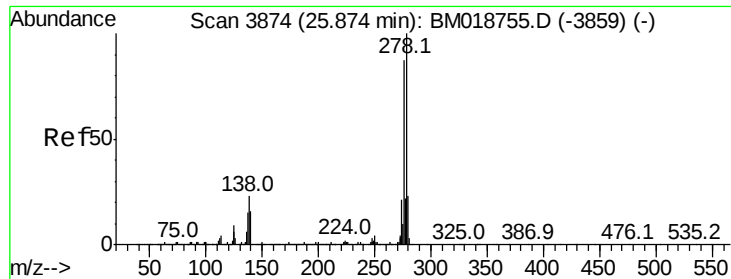
Sohil
2/26/2019 12:06:01 PM



#90
Benzo(a)pyrene
Concen: 44.476 ng
RT: 23.44 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	11.4	8.6	13.0





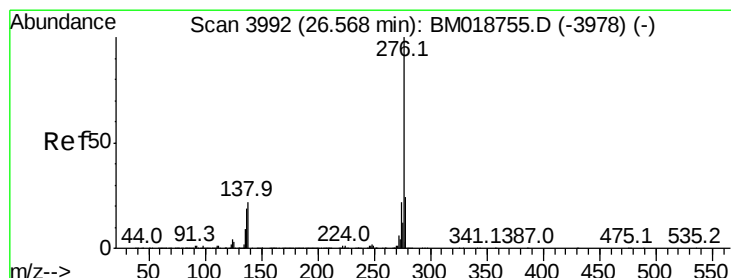
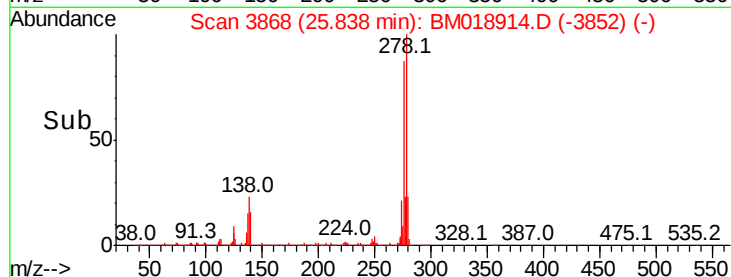
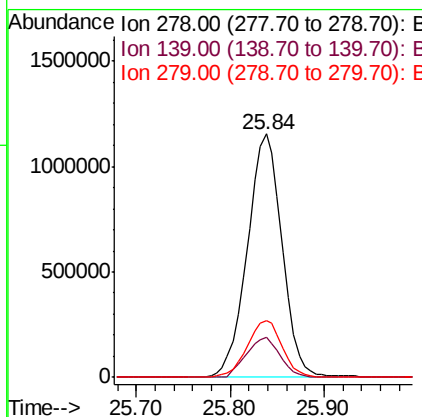
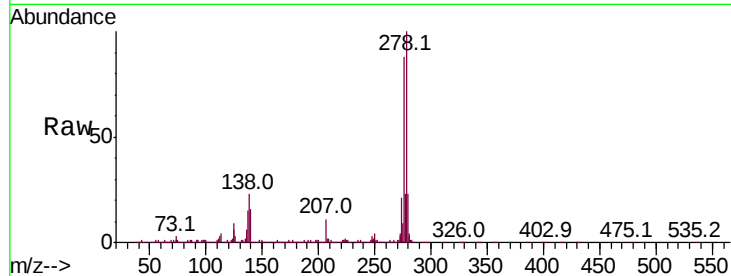
#91
Dibenzo(a,h)anthracene
Concen: 48.048 ng
RT: 25.84 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	18.8
279	23.1	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/26/2019 12:06:01 PM



#92
Benzo(g,h,i)perylene
Concen: 50.016 ng
RT: 26.53 min Scan# 3985
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	21.6	17.3	25.9

