

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018915.D
 Acq On : 25 Feb 2019 14:47
 Operator : JU/SJ
 Sample : K1586-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

Manual Integrations
 APPROVED

Sohil
 2/26/2019 12:06:04 PM

Quant Time: Feb 26 03:15:42 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	200952	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	765905	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	400666	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	871622	20.00	ng	0.00
76) Chrysene-d12	21.29	240	978292	20.00	ng	0.00
87) Perylene-d12	23.54	264	1049423	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1622439	132.29	ng	0.00
7) Phenol-d6	6.87	99	2204196	127.57	ng	0.00
23) Nitrobenzene-d5	8.86	82	1409361	85.08	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	750335	129.92	ng	-0.01
45) 2-Fluorobiphenyl	12.96	172	2443393	80.95	ng	0.00
79) Terphenyl-d14	19.73	244	3521977	74.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	183923	34.431	ng	99
3) Pyridine	3.65	79	538063	36.927	ng	98
4) n-Nitrosodimethylamine	3.56	42	166313	44.867	ng	94
6) Aniline	7.03	93	798041	37.698	ng	100
8) 2-Chlorophenol	7.26	128	543572	40.368	ng	97
9) Benzaldehyde	6.85	77	284577	27.637	ng	98
10) Phenol	6.89	94	793794	43.664	ng	98
11) bis(2-Chloroethyl)ether	7.13	93	522381	37.669	ng	99
12) 1,3-Dichlorobenzene	7.57	146	577252	38.125	ng	99
13) 1,4-Dichlorobenzene	7.73	146	587567	38.118	ng	100
14) 1,2-Dichlorobenzene	8.04	146	563861	38.082	ng	99
15) Benzyl Alcohol	7.94	79	512382	37.322	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	508381	37.877	ng	98
17) 2-Methylphenol	8.13	107	454094	39.245	ng	97
18) Hexachloroethane	8.75	117	214662	38.149	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	480502	35.918	ng	98
20) 3+4-Methylphenols	8.46	107	608743	38.100	ng	99
22) Acetophenone	8.52	105	804461	38.247	ng	# 99
24) Nitrobenzene	8.90	77	688929	40.069	ng	99
25) Isophorone	9.42	82	1162371	43.980	ng	99
26) 2-Nitrophenol	9.60	139	279235	40.781	ng	99
27) 2,4-Dimethylphenol	9.66	122	462617	46.259	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	690532	40.403	ng	100
29) 2,4-Dichlorophenol	10.13	162	471930	41.098	ng	98
30) 1,2,4-Trichlorobenzene	10.34	180	524637	39.561	ng	98
31) Naphthalene	10.53	128	1591270	42.600	ng	100
32) Benzoic acid	9.76	122	84837m	9.725	ng	
33) 4-Chloroaniline	10.66	127	564656	33.816	ng	99
34) Hexachlorobutadiene	10.79	225	287673	37.372	ng	98
35) Caprolactam	11.47	113	150588m	32.133	ng	
36) 4-Chloro-3-methylphenol	11.77	107	529347	38.234	ng	100
37) 2-Methylnaphthalene	12.15	142	1128749	42.919	ng	99
38) 1-Methylnaphthalene	12.37	142	1072825	41.716	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	525501	41.000	ng	98

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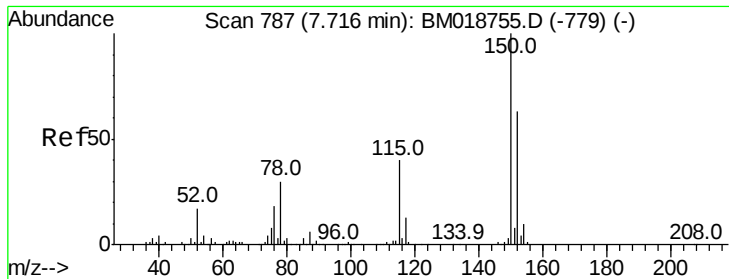
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	630402	96.201	ng	98
43) 2,4,6-Trichlorophenol	12.76	196	362831	42.762	ng	98
44) 2,4,5-Trichlorophenol	12.84	196	382055	42.960	ng	99
46) 1,1'-Biphenyl	13.17	154	1399013	40.565	ng	100
47) 2-Chloronaphthalene	13.22	162	1091763	40.985	ng	100
48) 2-Nitroaniline	13.44	65	365091	41.266	ng	98
49) Acenaphthylene	14.06	152	1770360	44.633	ng	99
50) Dimethylphthalate	13.81	163	1508900	45.188	ng	100
51) 2,6-Dinitrotoluene	13.94	165	293604	40.591	ng	98
52) Acenaphthene	14.41	154	1010858	41.562	ng	100
53) 3-Nitroaniline	14.27	138	269679	32.997	ng	99
54) 2,4-Dinitrophenol	14.48	184	314453	69.340	ng	99
55) Dibenzofuran	14.74	168	1623129	40.602	ng	100
56) 4-Nitrophenol	14.58	139	516926	79.232	ng	99
57) 2,4-Dinitrotoluene	14.73	165	414409	41.582	ng	99
58) Fluorene	15.40	166	1329589	43.475	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	343947	43.755	ng	99
60) Diethylphthalate	15.17	149	1394042	40.472	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	643476	37.526	ng	98
62) 4-Nitroaniline	15.44	138	303704	37.904	ng	98
63) Azobenzene	15.69	77	1475794	39.960	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	228990	37.418	ng	99
66) n-Nitrosodiphenylamine	15.61	169	1139710	41.387	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	381467	39.100	ng	96
68) Hexachlorobenzene	16.39	284	447482	39.460	ng	97
69) Atrazine	16.57	200	360845	40.645	ng	98
70) Pentachlorophenol	16.74	266	586571	80.333	ng	100
71) Phenanthrene	17.14	178	2058915	43.954	ng	100
72) Anthracene	17.23	178	2093088	45.908	ng	100
73) Carbazole	17.51	167	1936805	40.660	ng	99
74) Di-n-butylphthalate	18.06	149	2414514	44.075	ng	100
75) Fluoranthene	19.16	202	2462734	45.515	ng	99
77) Benzidine	19.36	184	1850113	83.972	ng	100
78) Pyrene	19.53	202	2523129	44.407	ng	99
80) Butylbenzylphthalate	20.43	149	1173902	45.334	ng	99
81) Benzo(a)anthracene	21.28	228	2561992	44.926	ng	99
82) 3,3'-Dichlorobenzidine	21.22	252	849313	37.684	ng	99
83) Chrysene	21.33	228	2392609	43.773	ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	1691484	44.631	ng	99
85) Di-n-octyl phthalate	22.08	149	2959396	46.460	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3256913	51.610	ng	100
88) Benzo(b)fluoranthene	22.86	252	2658460	44.277	ng	99
89) Benzo(k)fluoranthene	22.91	252	2623699	43.893	ng	100
90) Benzo(a)pyrene	23.44	252	2600326	45.717	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2758750	48.956	ng	100
92) Benzo(g,h,i)perylene	26.53	276	2676238	51.013	ng	99

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



#1

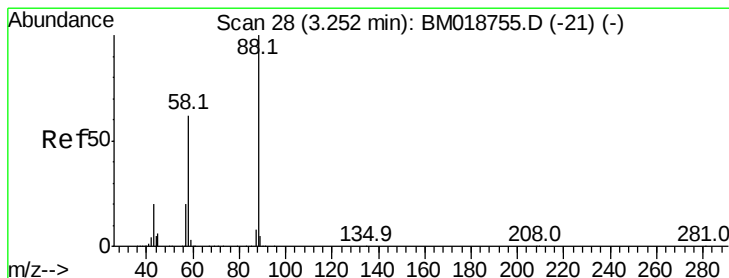
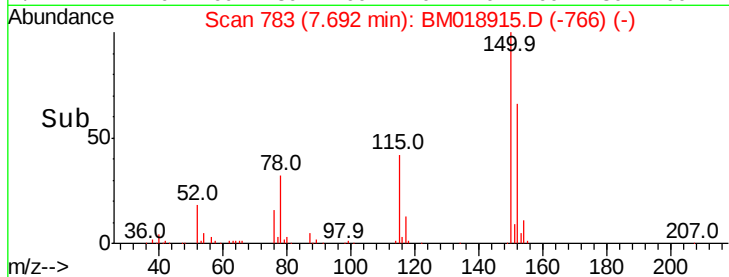
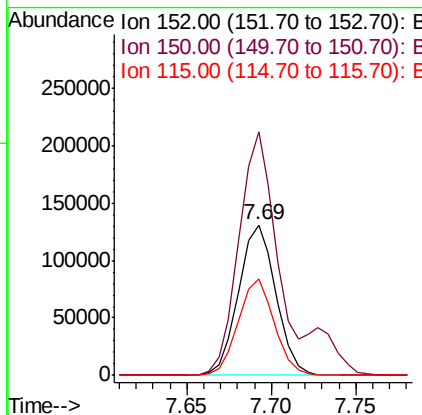
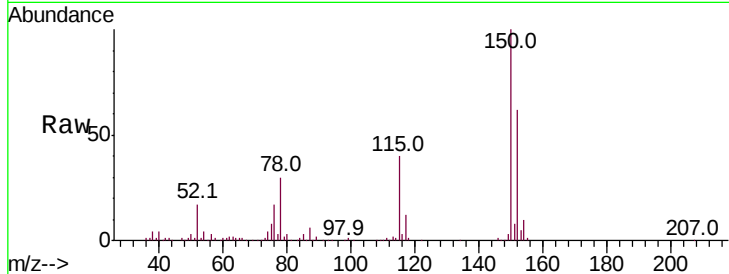
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampled :
M-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	127.3	190.9
115	64.0	50.8	76.2

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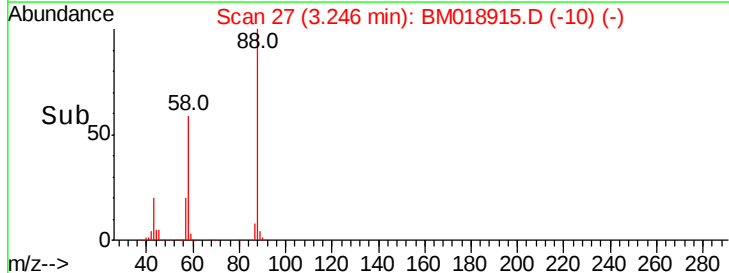
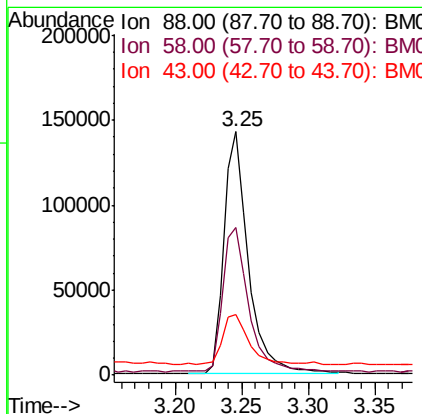
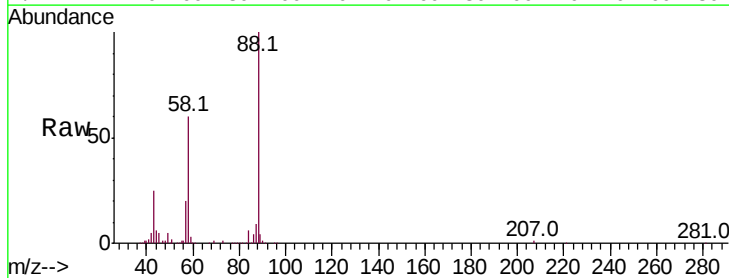
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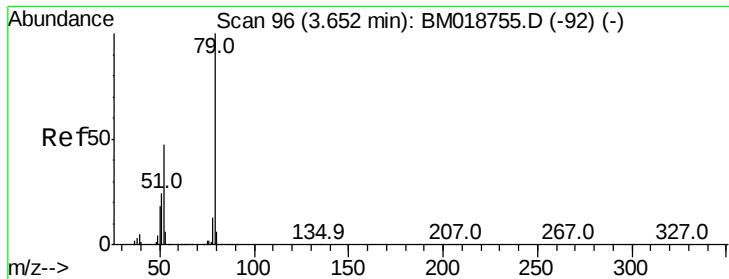


#2

1,4-Dioxane
Concen: 34.431 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.5	49.8	74.6
43	21.4	16.7	25.1





#3

Pvridine

Concen: 36.927 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

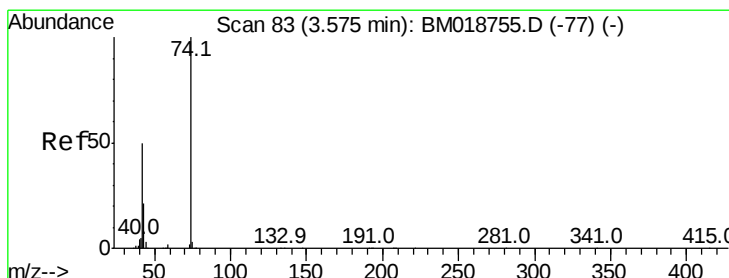
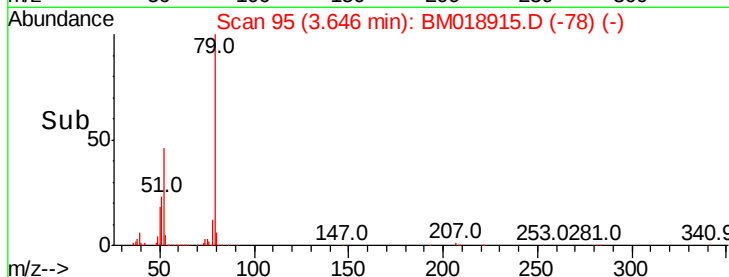
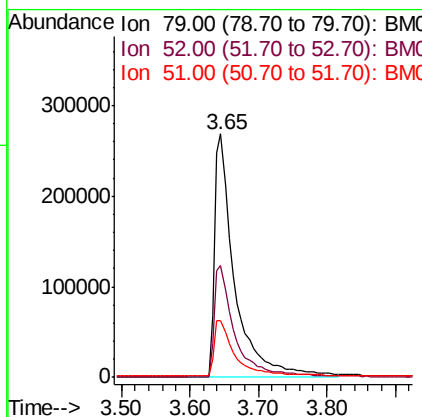
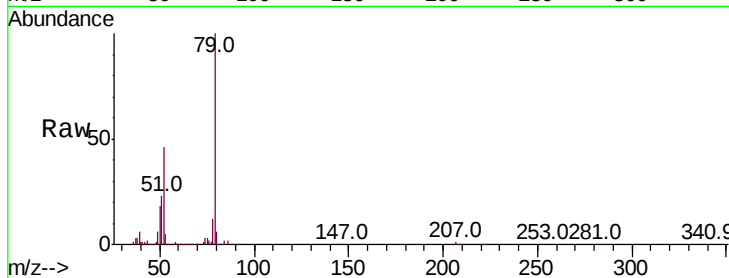
ClientSampleId :

M-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.7	37.6	56.4
51	23.5	19.7	29.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.867 ng

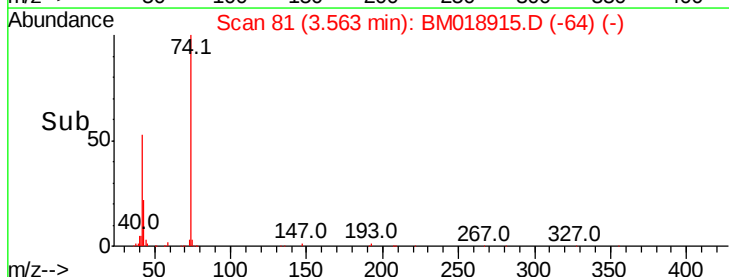
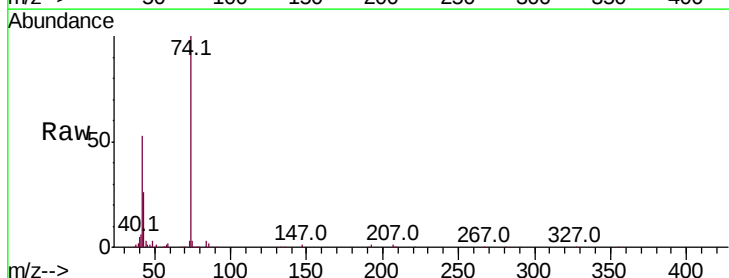
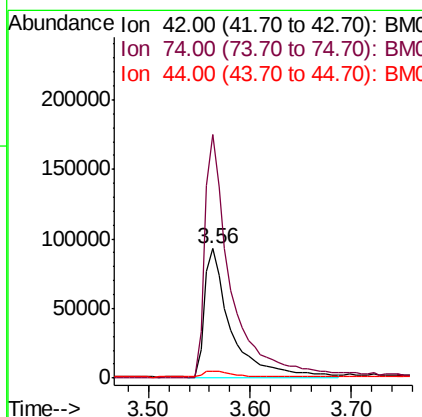
RT: 3.56 min Scan# 81

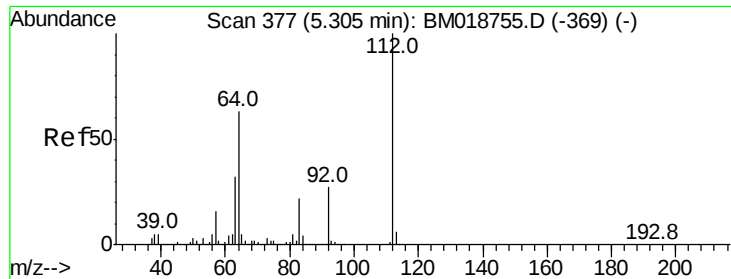
Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	188.0	158.1	237.1
44	5.8	4.9	7.3





#5

2-Fluorophenol

Concen: 132.287 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampled :

M-1MSD

Tot Ion:112 Resp: 1622439

Ion Ratio Lower Upper

112 100

64 64.4 50.6 75.8

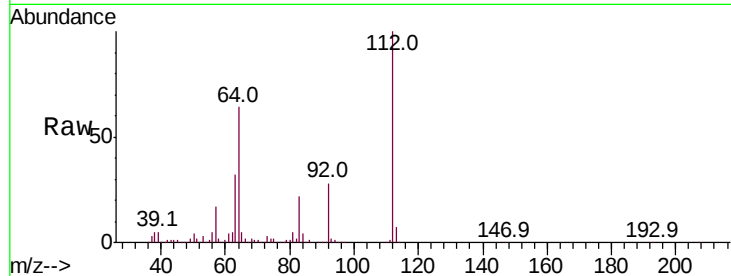
63 32.4 25.7 38.5

Manual Integrations

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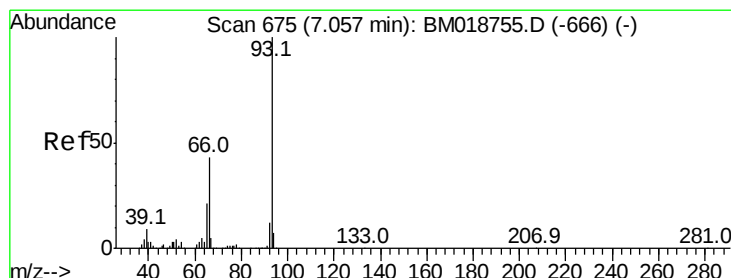
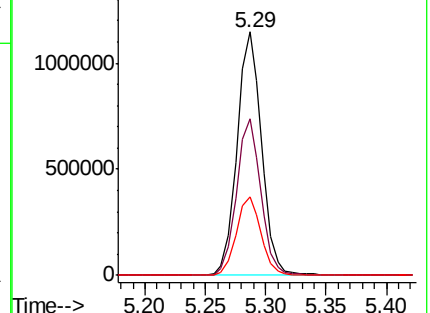
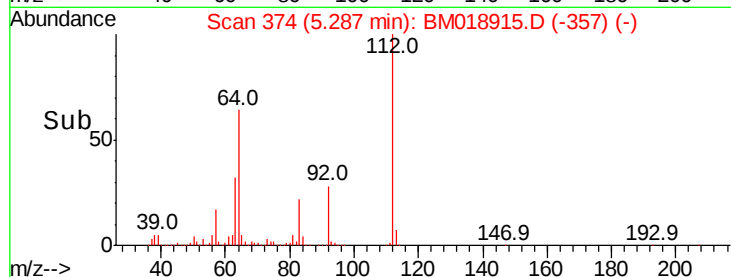
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 37.698 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

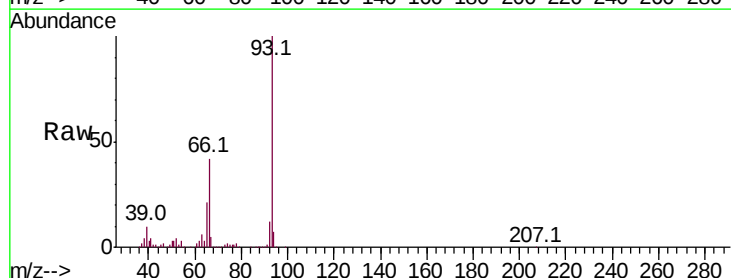
Tgt Ion: 93 Resp: 798041

Ion Ratio Lower Upper

93 100

66 42.5 34.1 51.1

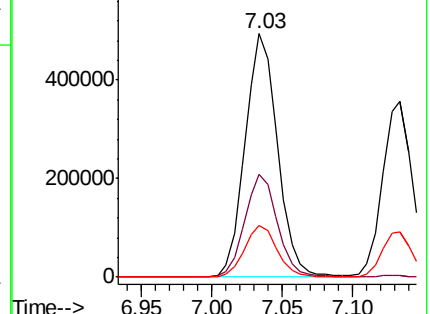
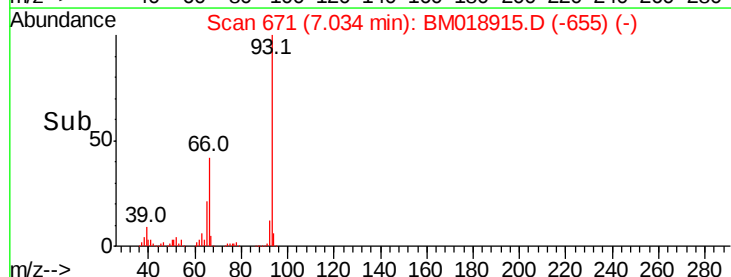
65 21.0 16.6 24.8

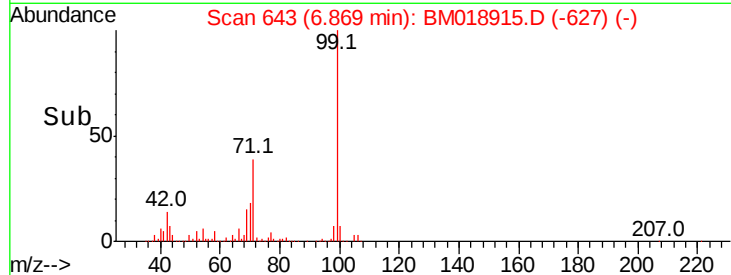
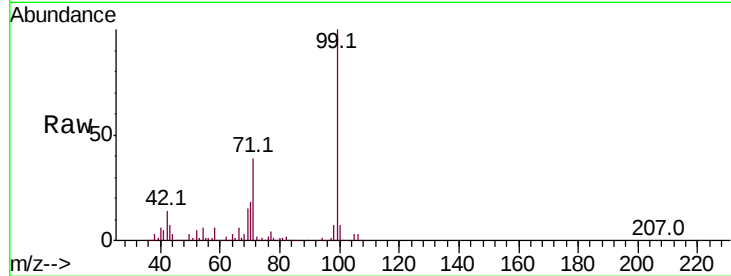
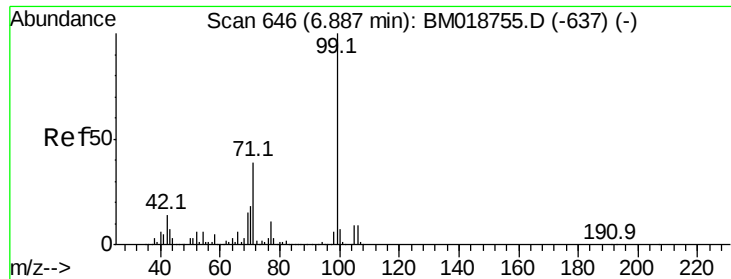


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 127.574 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tot Ion:	99	Resp:	2204196
Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.0	16.6
71	38.5	31.3	46.9

Instrument :

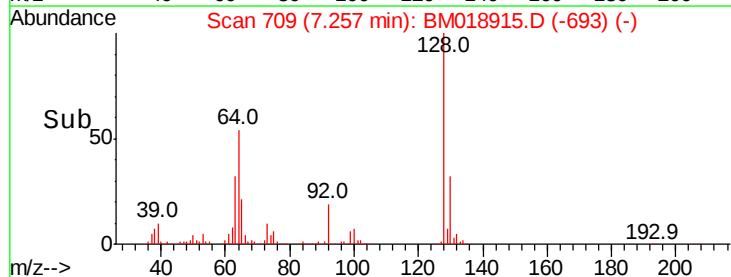
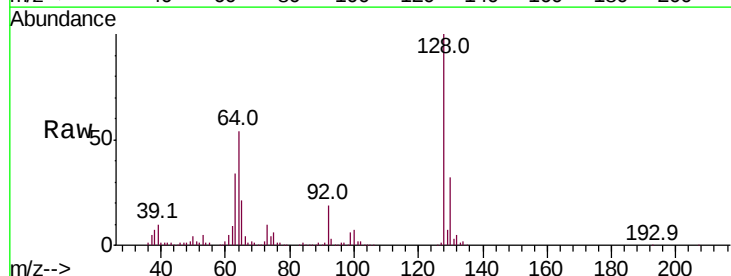
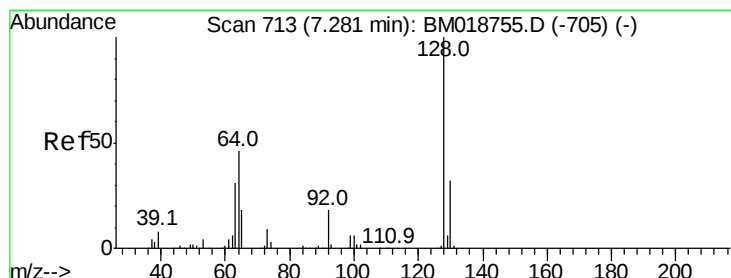
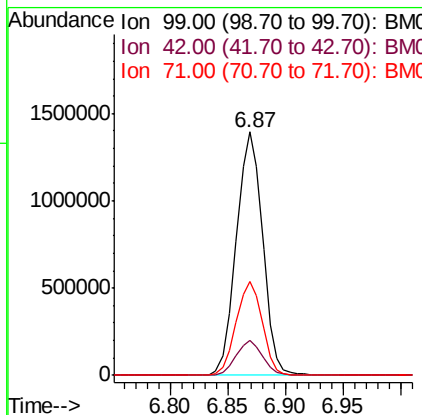
BNA_M

ClientSampleId :

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#8

2-Chlorophenol

Concen: 40.368 ng

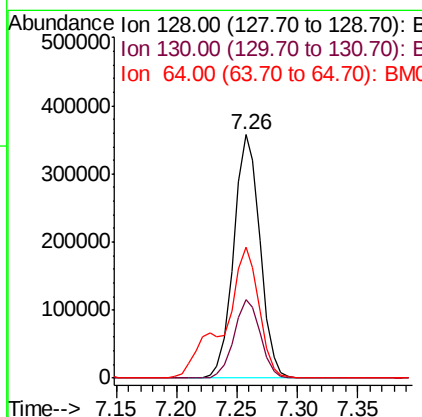
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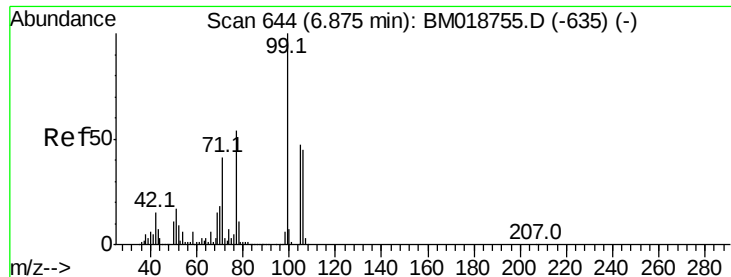
Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:	128	Resp:	543572
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.7	51.7
64	54.0	31.0	71.0





#9

Benzaldehyde

Concen: 27.637 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

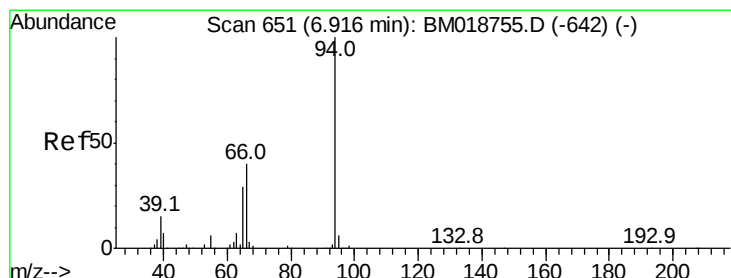
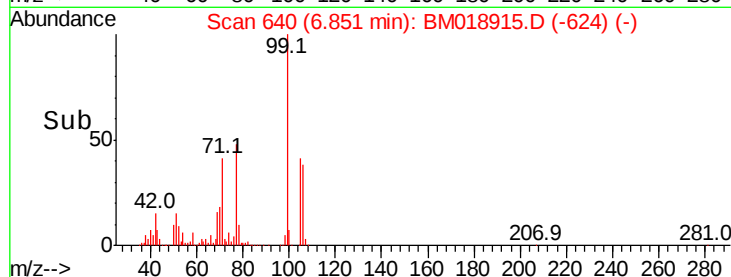
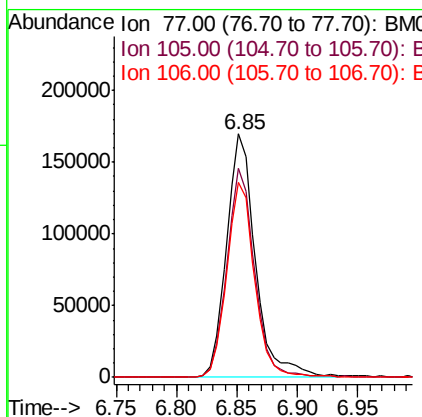
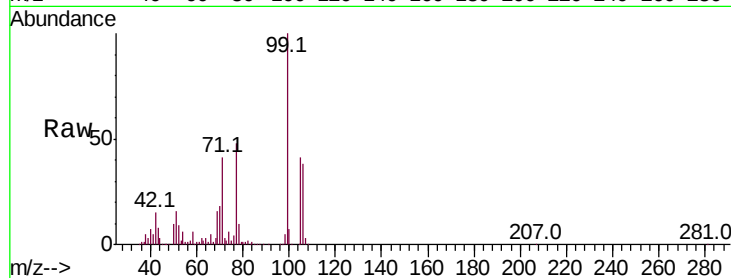
ClientSampleId :

M-1MSD

Tot Ion:	77	Resp:	284577
Ion Ratio	Lower	Upper	
77	100		
105	86.1	67.3	107.3
106	80.3	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 43.664 ng

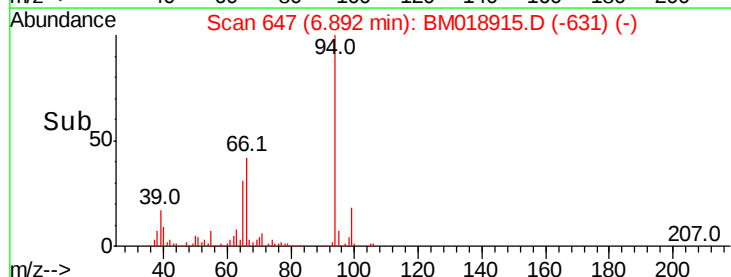
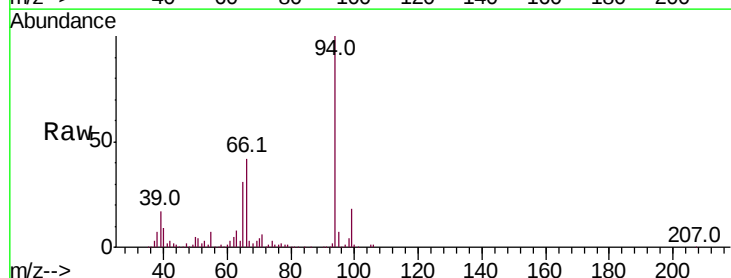
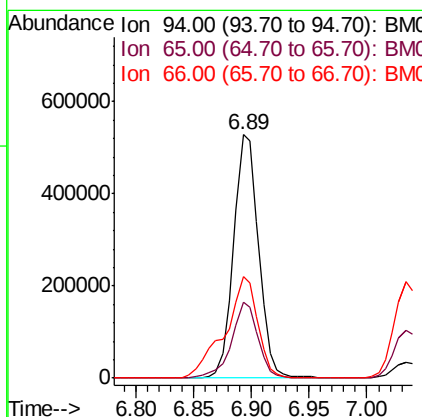
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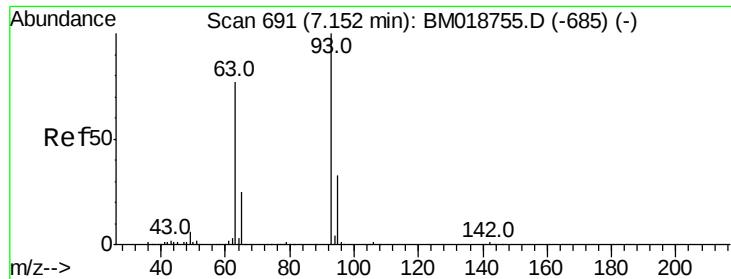
Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:	94	Resp:	793794
Ion Ratio	Lower	Upper	
94	100		
65	31.0	9.6	49.6
66	41.5	20.4	60.4





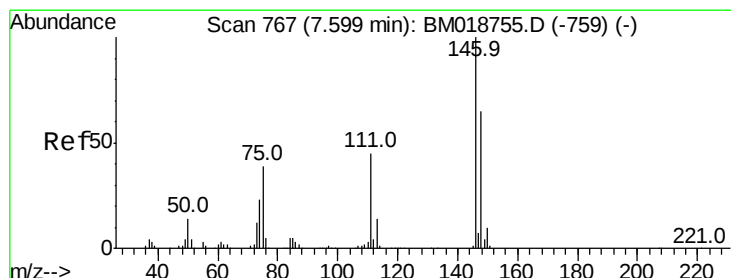
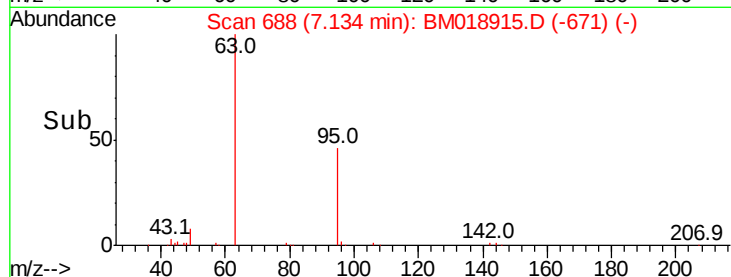
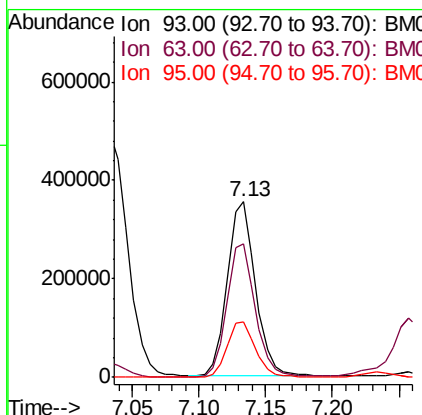
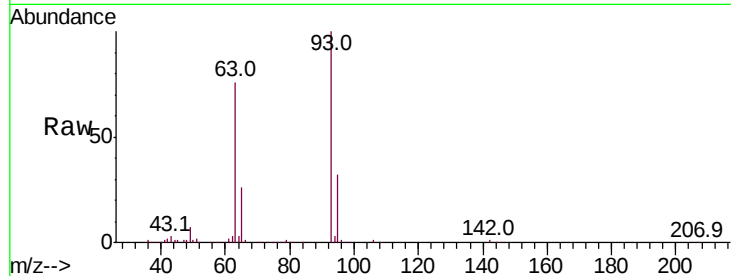
#11
bis(2-Chloroethyl)ether
Concen: 37.669 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	57.0	97.0
95	31.9	12.4	52.4

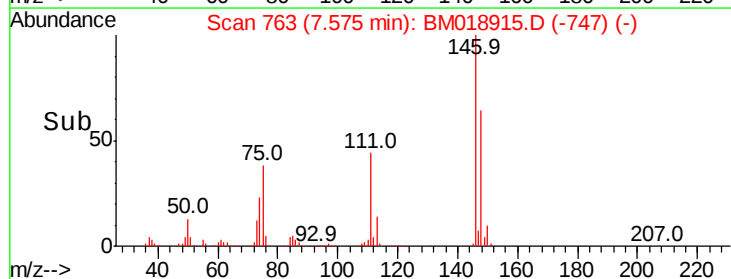
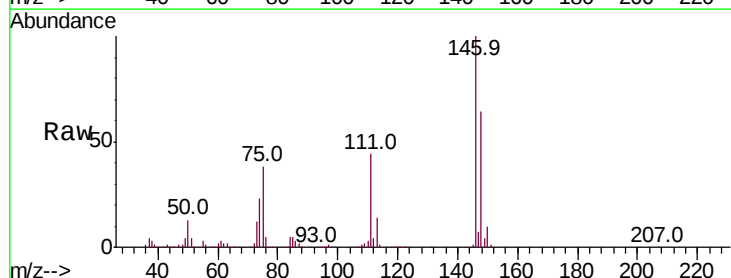
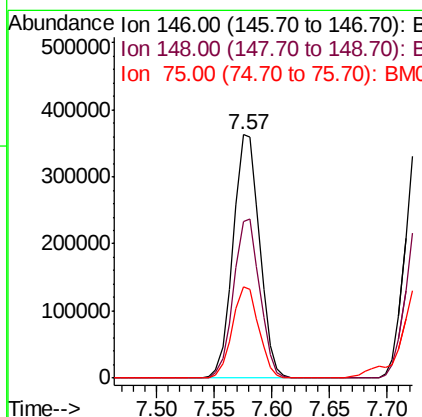
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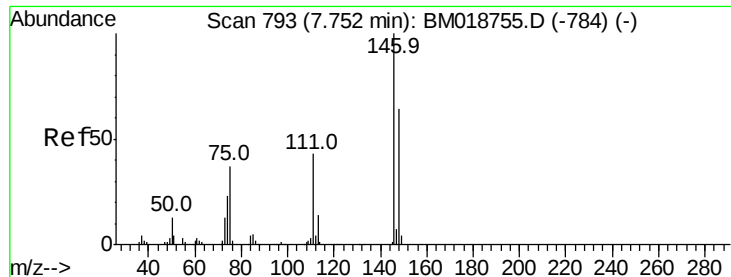
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#12
1,3-Dichlorobenzene
Concen: 38.125 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.7	77.5
75	37.7	31.3	46.9





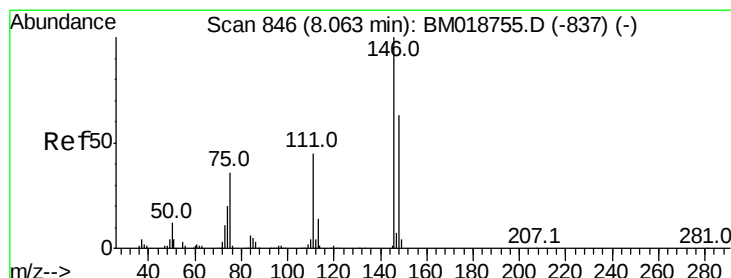
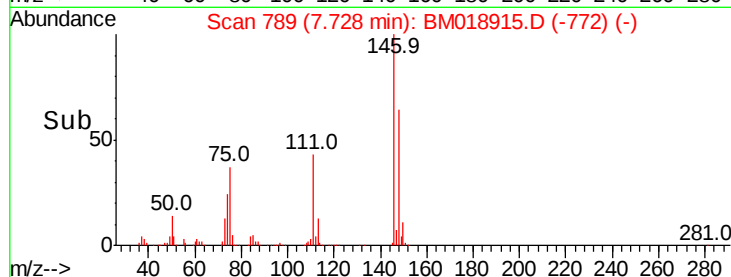
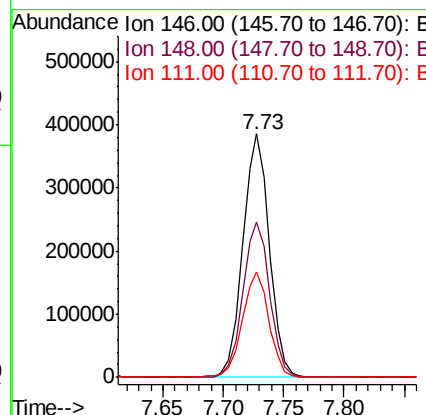
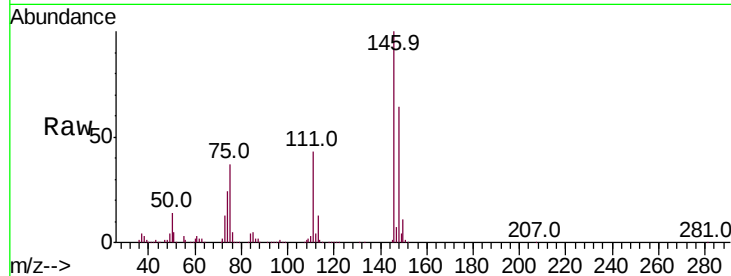
#13
1,4-Dichlorobenzene
Concen: 38.118 ng
RT: 7.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampled :
M-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	43.0	34.6	52.0

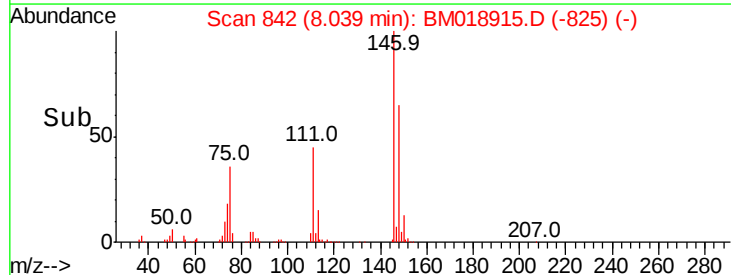
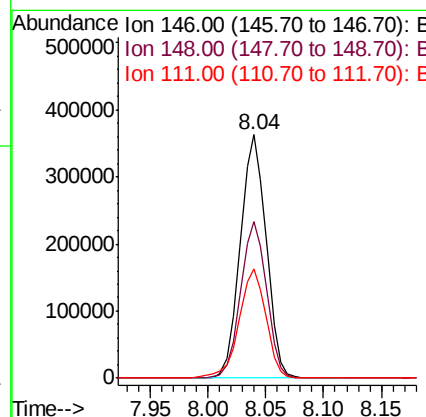
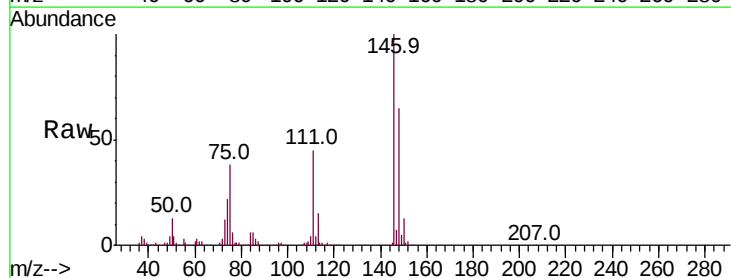
Manual Integrations
APPROVED

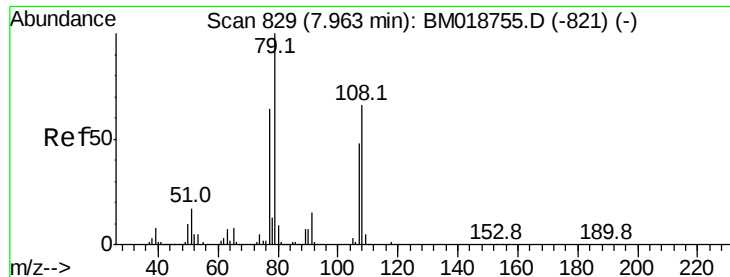
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#14
1,2-Dichlorobenzene
Concen: 38.082 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.7	76.1
111	44.9	35.9	53.9





#15

Benzyl Alcohol

Concen: 37.322 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

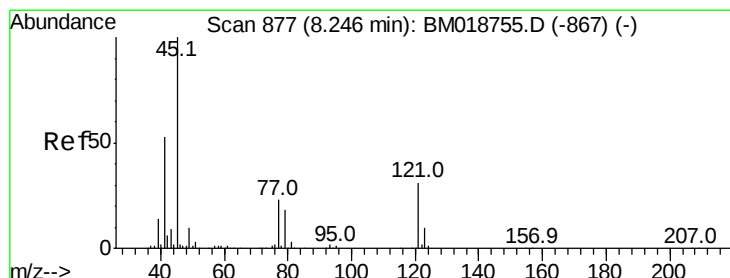
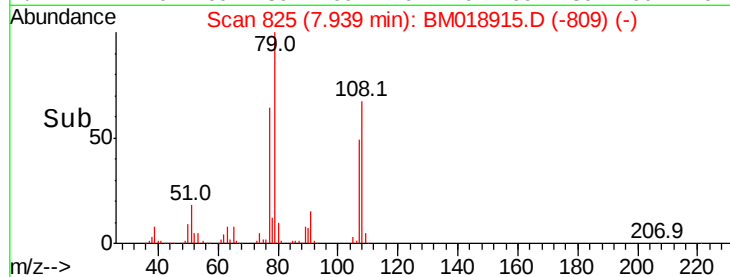
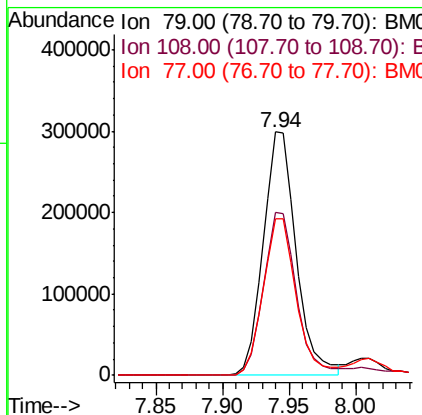
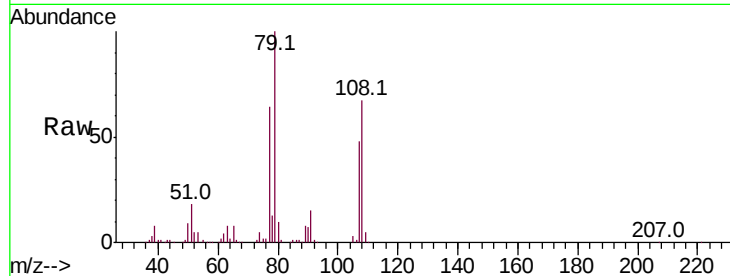
ClientSampleId :

M-1MSD

Tot Ion:	79	Resp:	512382
Ion Ratio	Lower	Upper	
79	100		
108	67.0	52.7	79.1
77	64.5	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.877 ng

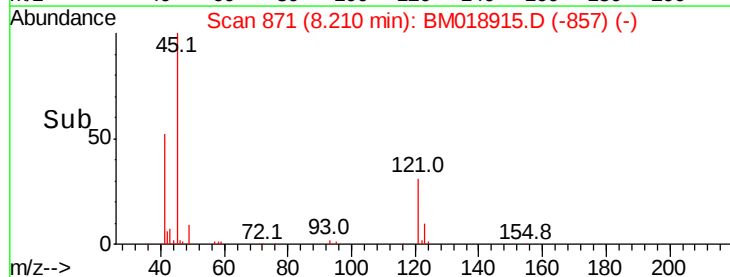
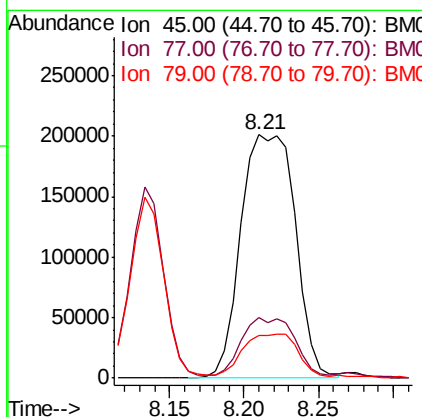
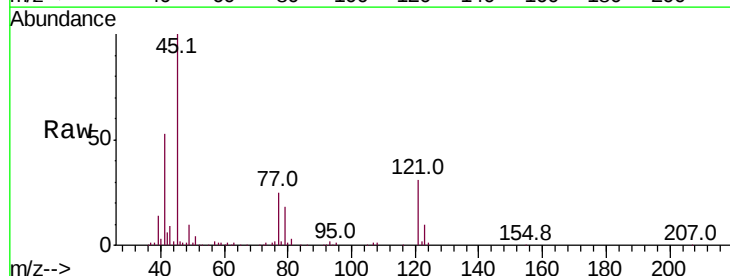
RT: 8.21 min Scan# 871

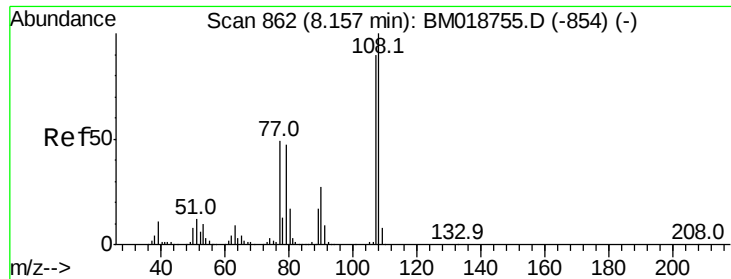
Delta R.T. -0.02 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:	45	Resp:	508381
Ion Ratio	Lower	Upper	
45	100		
77	24.9	5.0	45.0
79	17.7	0.0	39.3





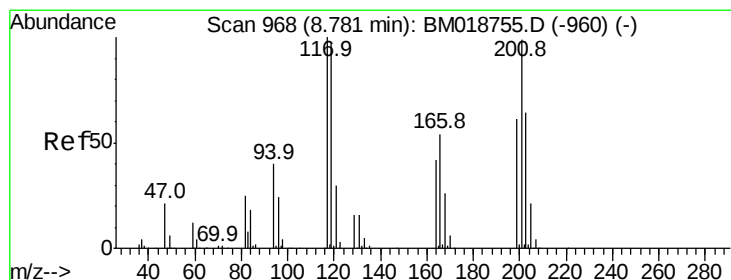
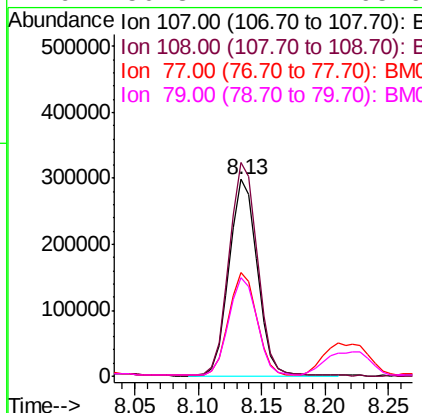
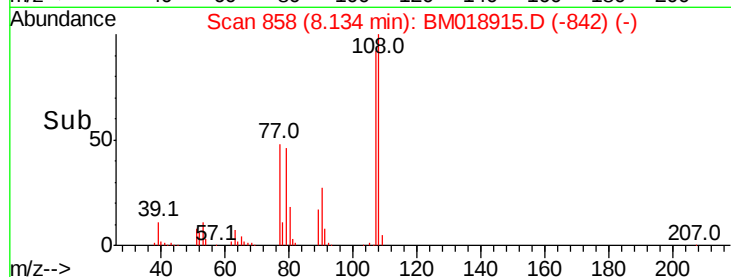
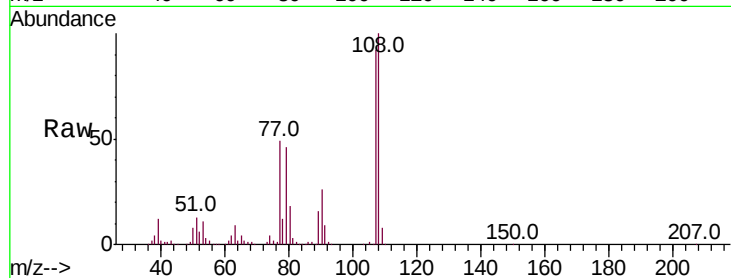
#17
2-Methylphenol
Concen: 39.245 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampled :
M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	88.8	133.2	
77	52.8	44.0	66.0	
79	50.3	42.4	63.6	

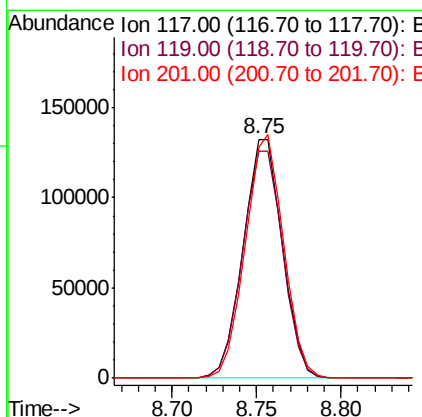
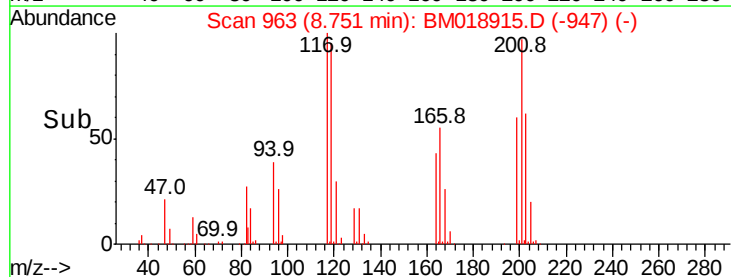
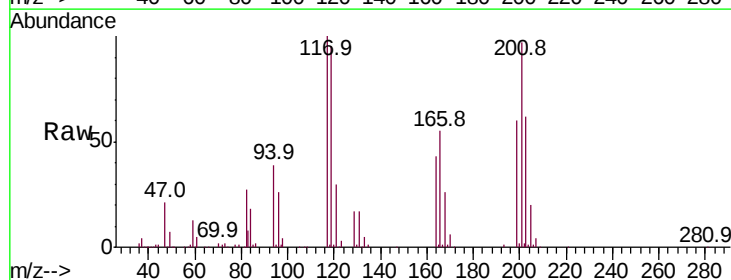
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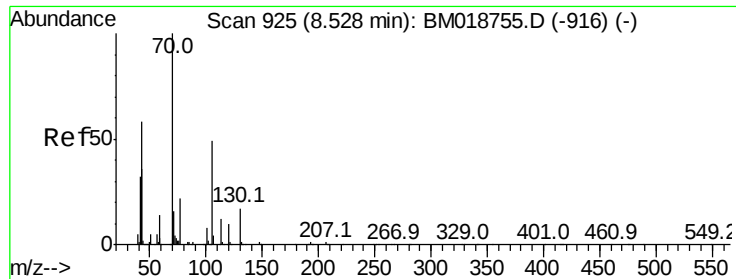
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#18
Hexachloroethane
Concen: 38.149 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.9	116.9	
201	96.7	79.2	118.8	





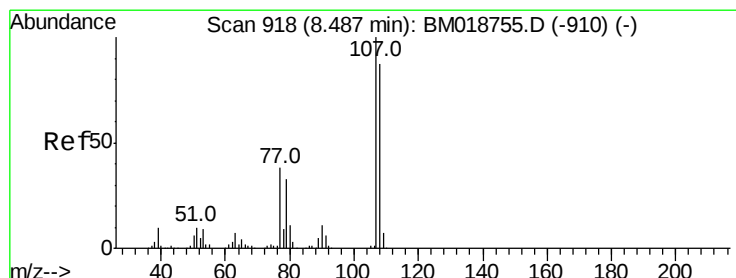
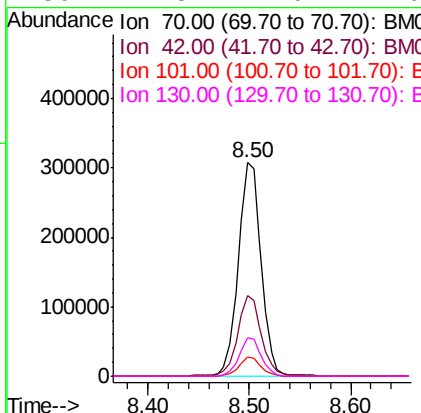
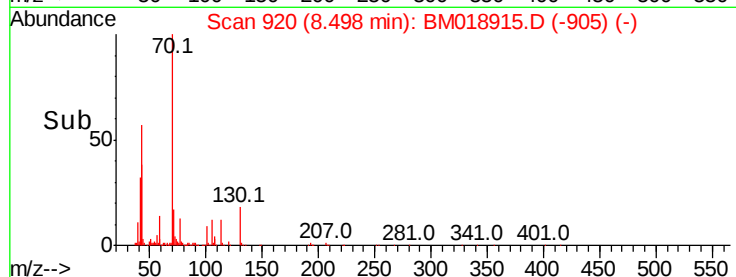
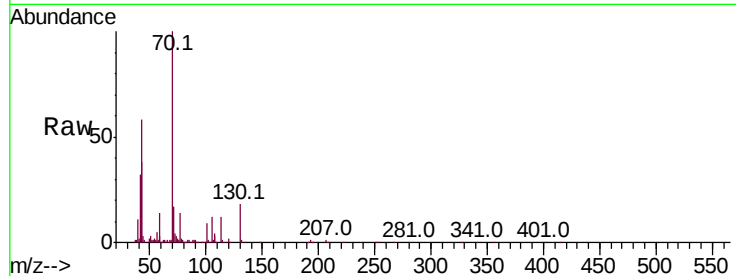
#19
n-Nitroso-di-n-propylamine
Concen: 35.918 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.0	29.4	44.0
101	8.8	6.7	10.1
130	17.8	14.0	21.0

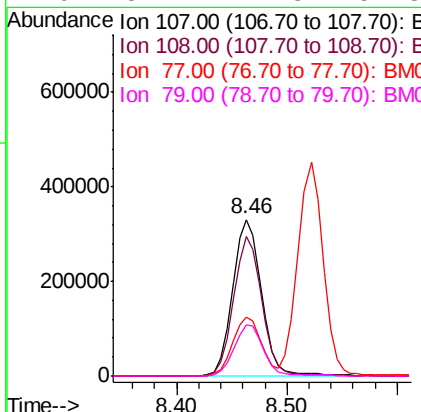
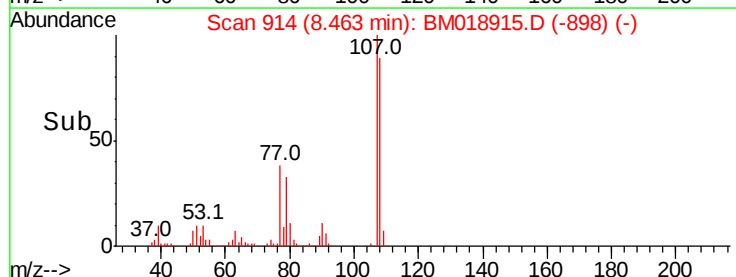
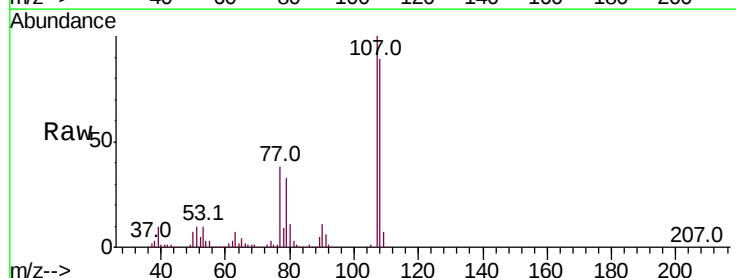
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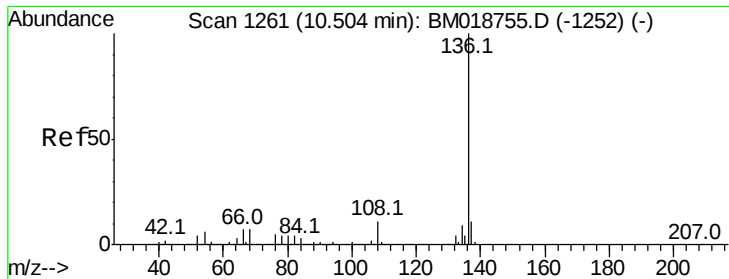
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#20
3+4-Methylphenols
Concen: 38.100 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.3	107.3
77	37.9	18.0	58.0
79	32.7	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: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

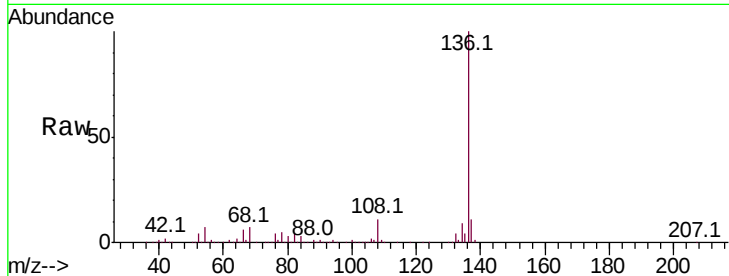
ClientSampleId :

M-1MSD

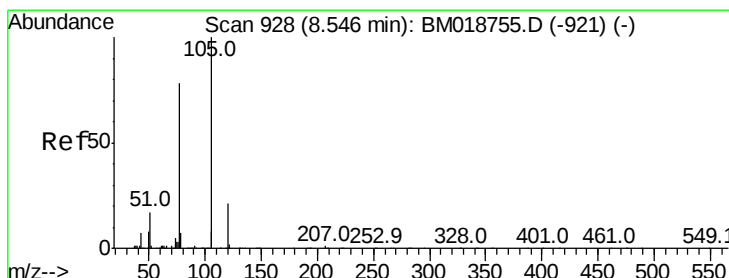
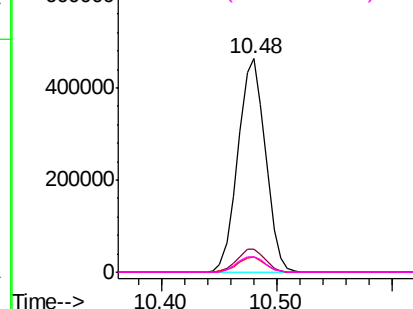
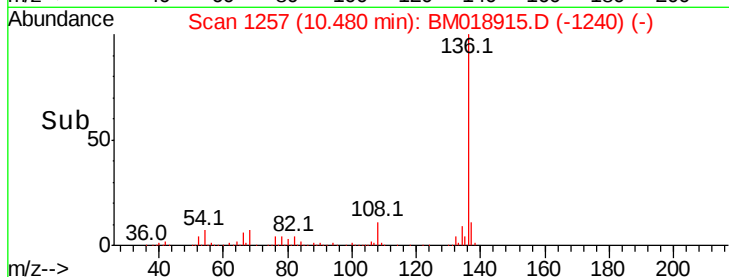
Tot Ion	Ratio	Resp	Lower	Upper
136	100	765905		
137	11.0		8.8	13.2
54	7.0		5.0	7.6
68	7.0		5.5	8.3

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 38.247 ng

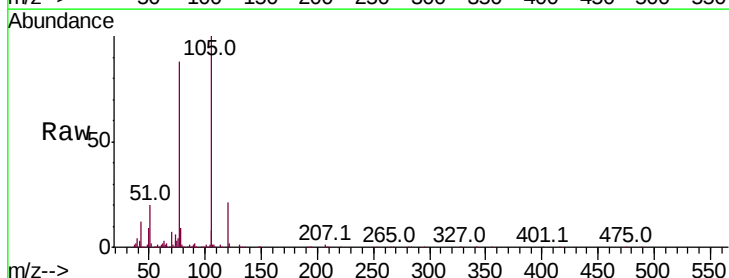
RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

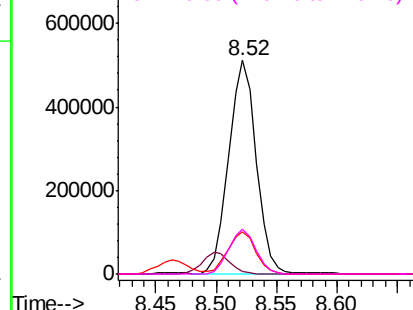
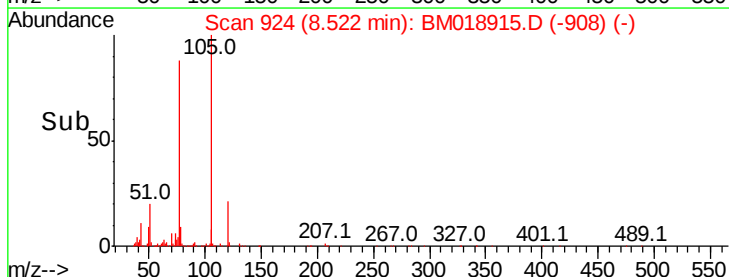
Lab File: BM018915.D

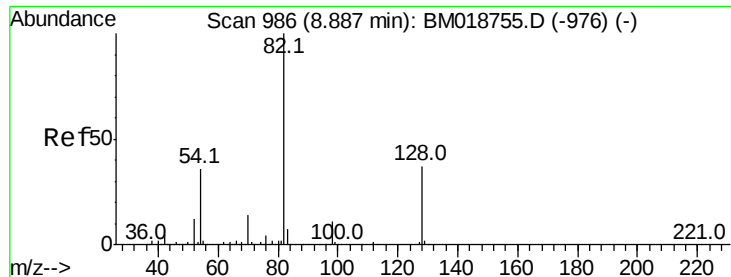
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	804461		
71	1.0		1.1	1.7#
51	20.0		15.5	23.3
120	20.9		17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





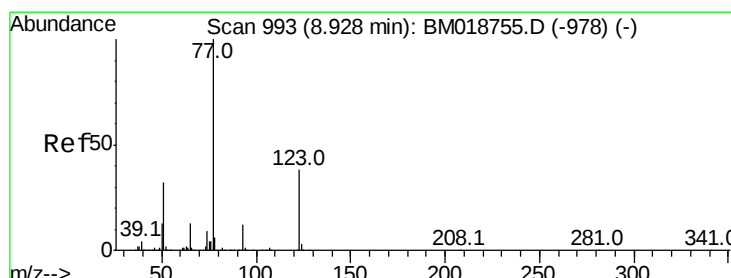
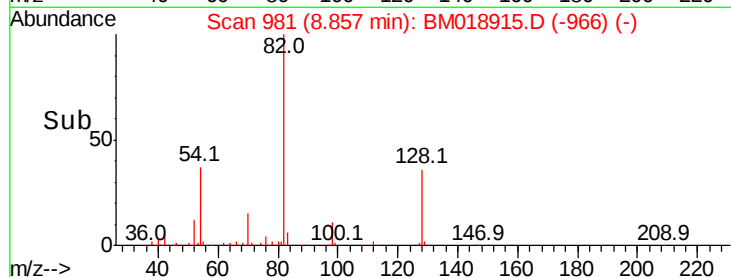
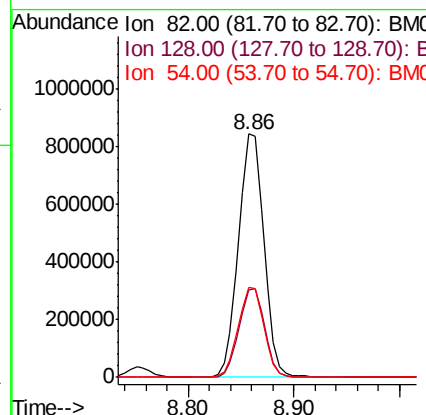
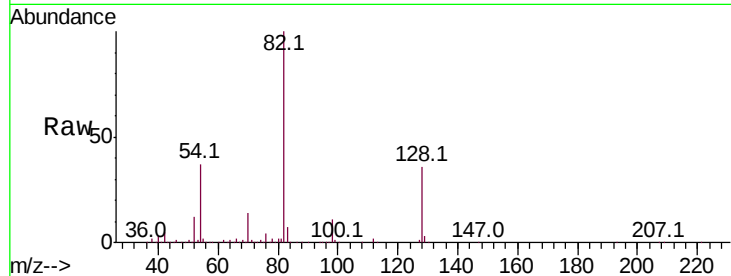
#23
 Nitrobenzene-d5
 Concen: 85.085 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Instrument :
 BNA_M
 ClientSampled :
 M-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.9	44.9
54	36.9	29.1	43.7

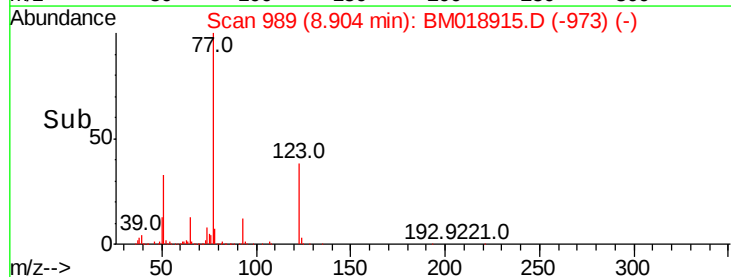
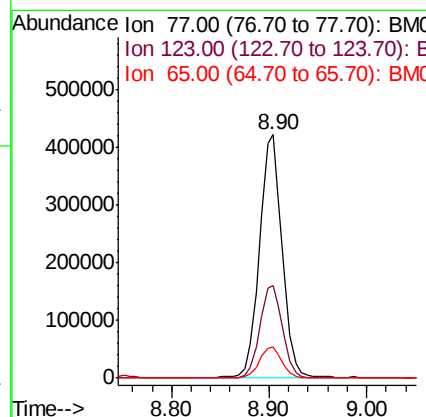
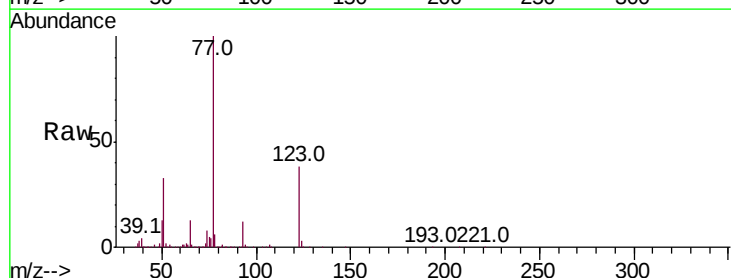
Manual Integrations
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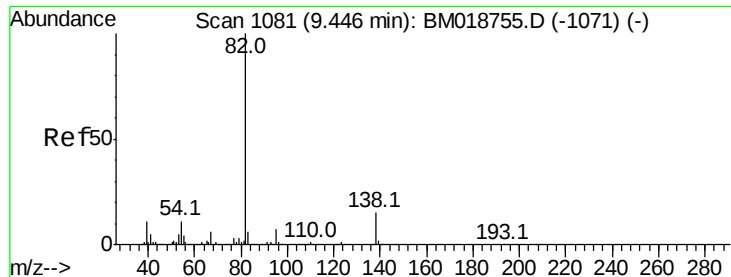
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#24
 Nitrobenzene
 Concen: 40.069 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.0	30.7	46.1
65	12.9	10.5	15.7





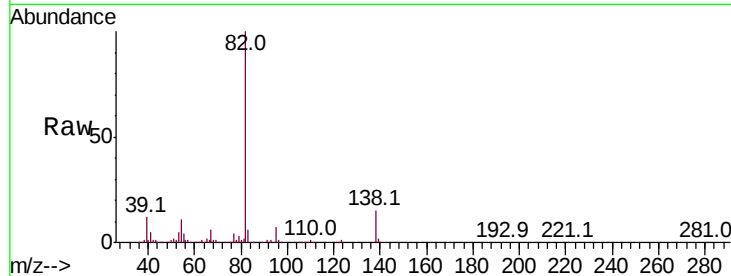
#25
Isophorone
Concen: 43.980 ng
RT: 9.42 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

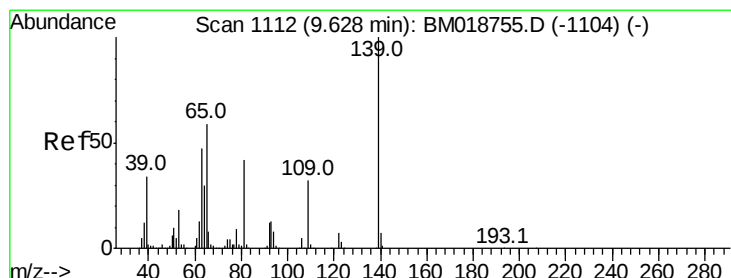
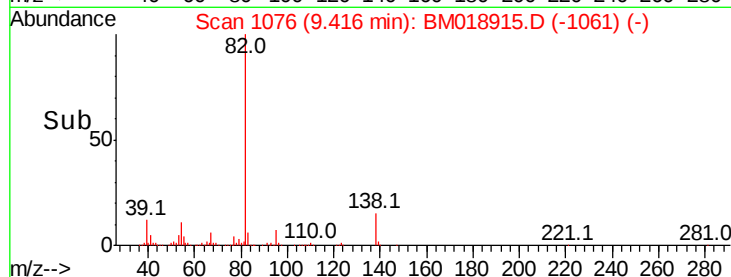
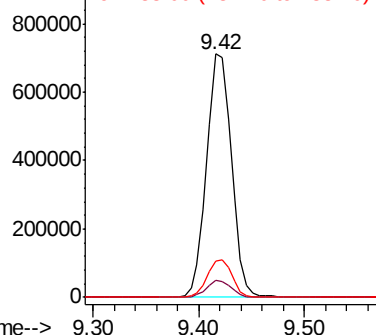
Tot Ion	82	Resp	1162371
Ion Ratio	100	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	15.1	12.3	18.5

Manual Integrations
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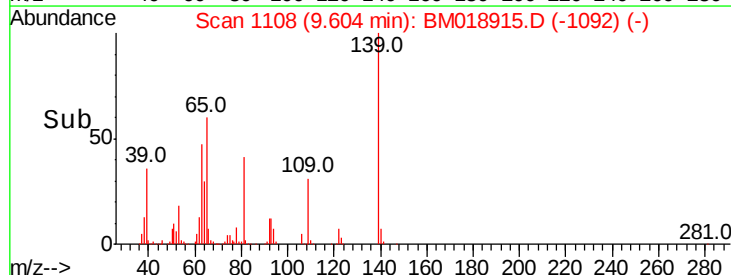
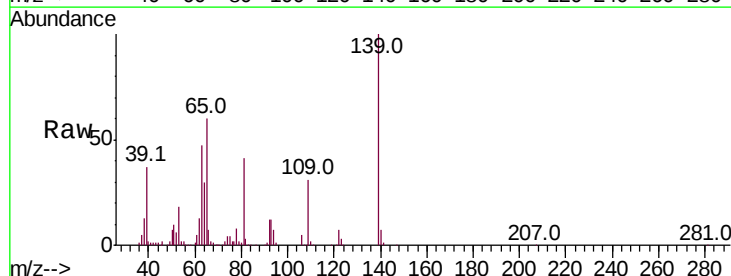
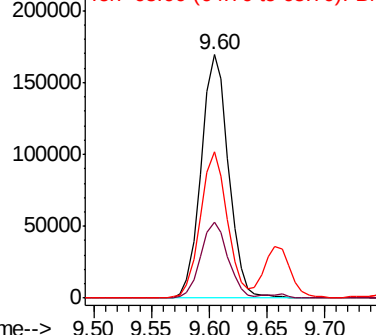
Abundance Ion 82.00 (81.70 to 82.70): BM018915.D (-1076) (-)

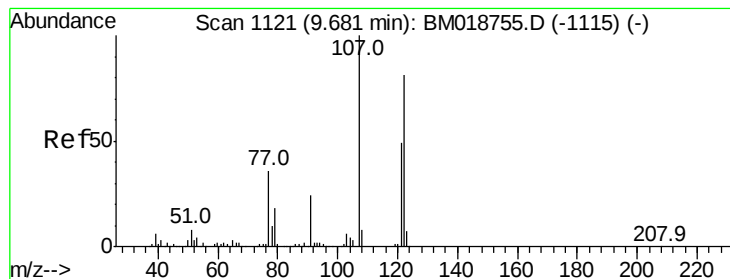


#26
2-Nitrophenol
Concen: 40.781 ng
RT: 9.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	139	Resp	279235
Ion Ratio	100	Lower	Upper
139	100		
109	31.4	25.2	37.8
65	60.0	47.0	70.4

Abundance Ion 139.00 (138.70 to 139.70): BM018915.D (-1092) (-)





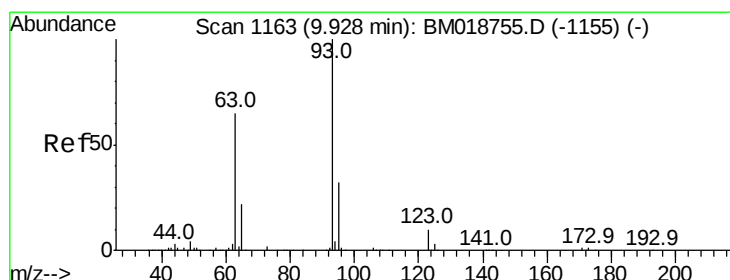
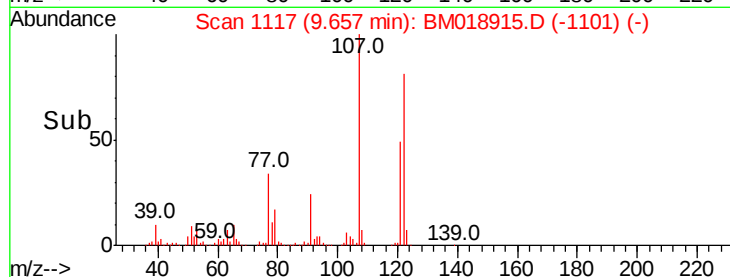
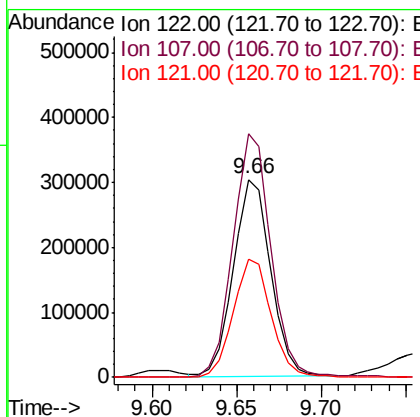
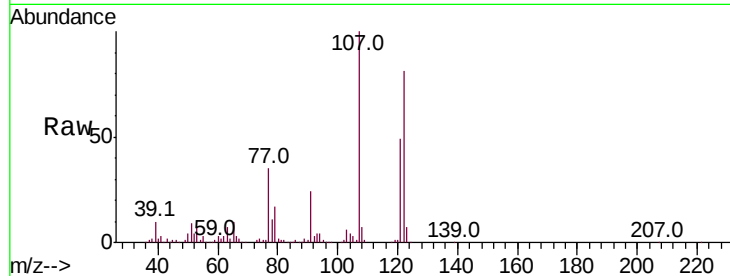
#27
 2,4-Dimethylphenol
 Concen: 46.259 ng
 RT: 9.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	462617		
107	122.9	97.6	146.4	
121	59.7	47.9	71.9	

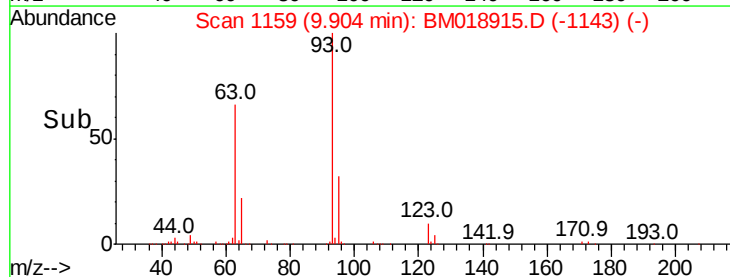
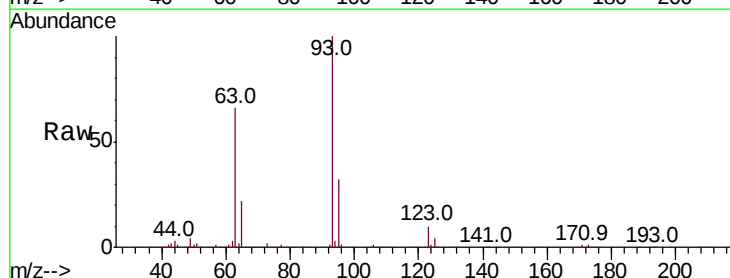
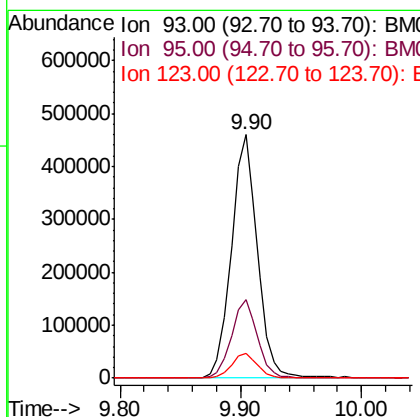
Manual Integrations
 APPROVED

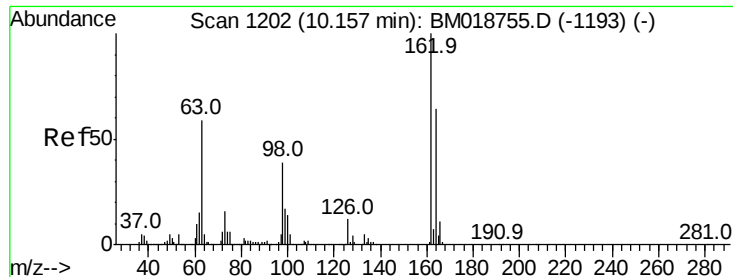
Sohil
 2/26/2019 12:06:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.403 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	690532		
95	32.0	25.6	38.4	
123	10.2	8.2	12.4	





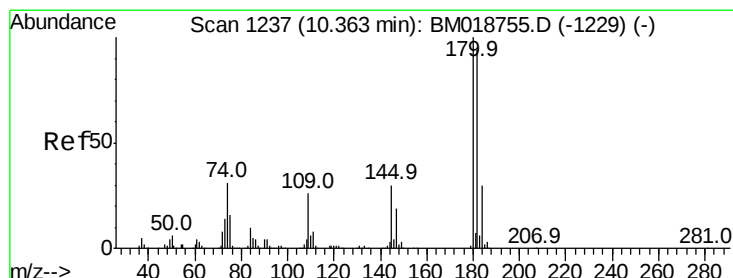
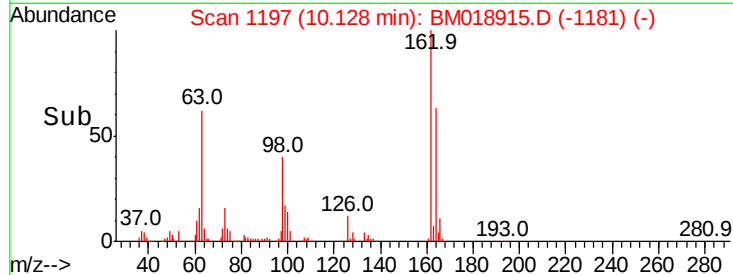
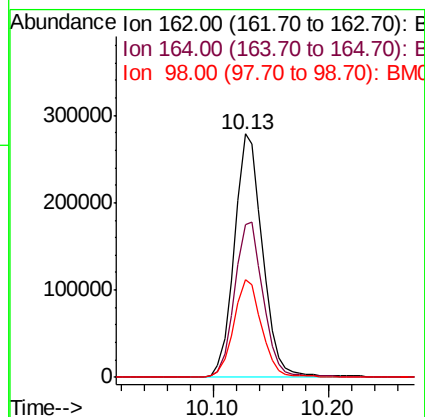
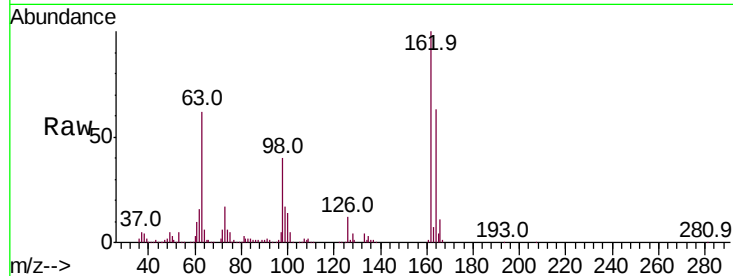
#29
2,4-Dichlorophenol
Concen: 41.098 ng
RT: 10.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	471930		
164	62.7		44.1	84.1
98	40.1		19.4	59.4

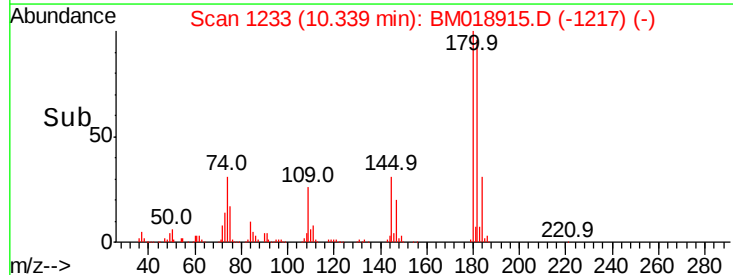
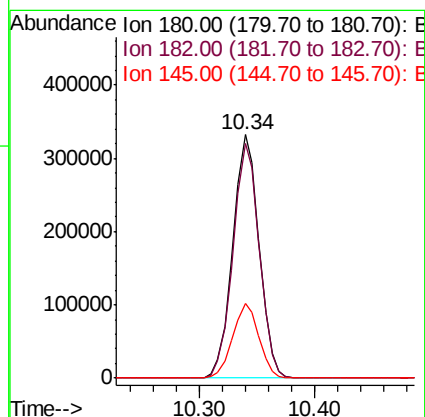
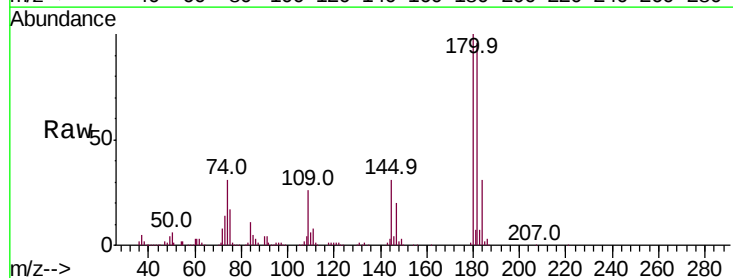
Manual Integrations
APPROVED

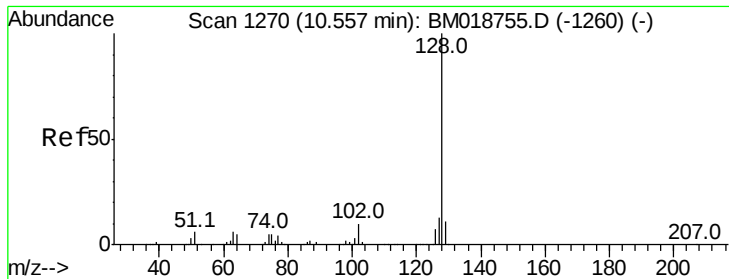
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.561 ng
RT: 10.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	524637		
182	96.3		75.0	112.6
145	30.8		24.1	36.1





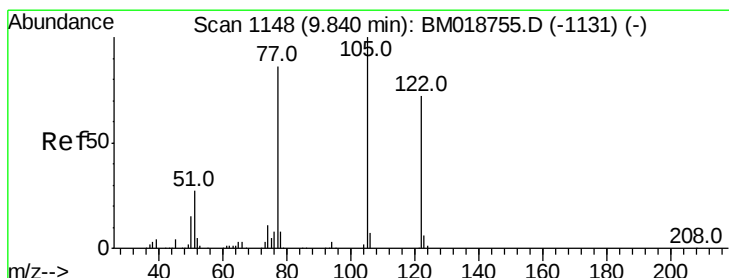
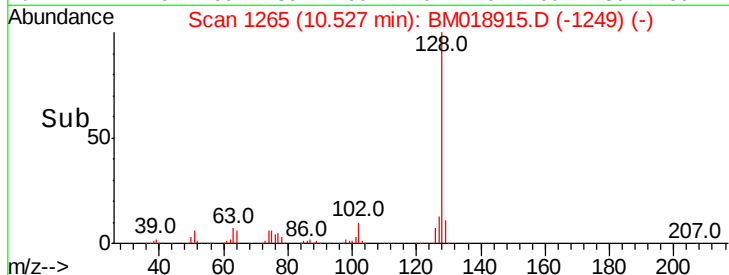
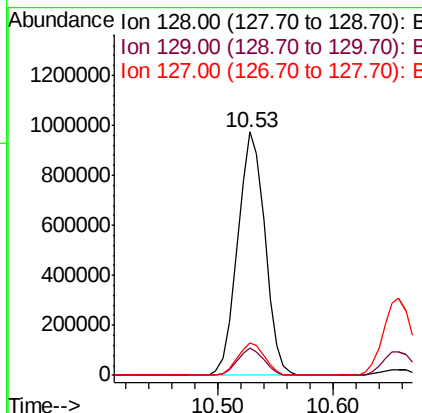
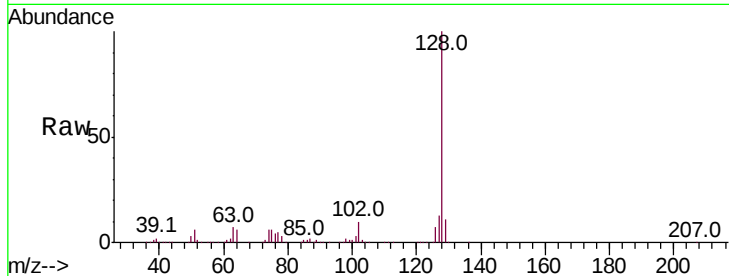
#31
Naphthalene
Concen: 42.600 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion:128 Resp: 1591270
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.7 16.1

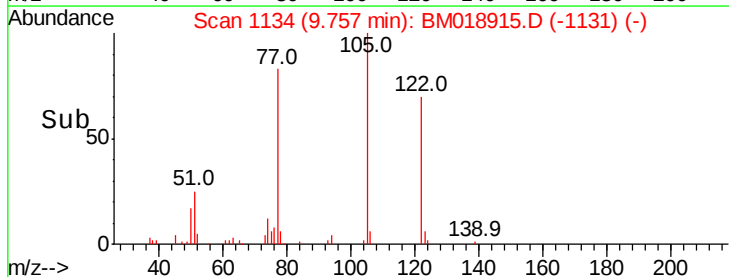
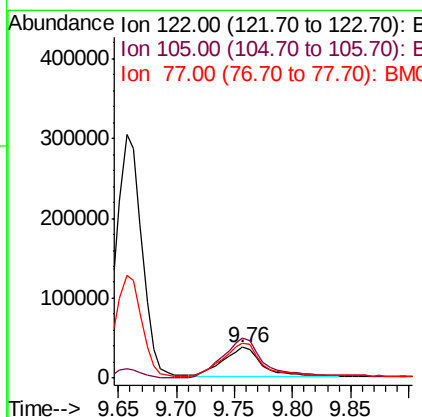
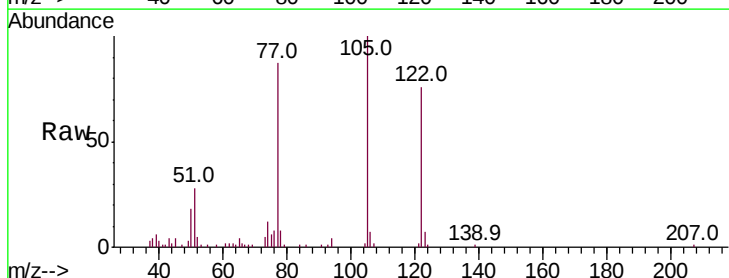
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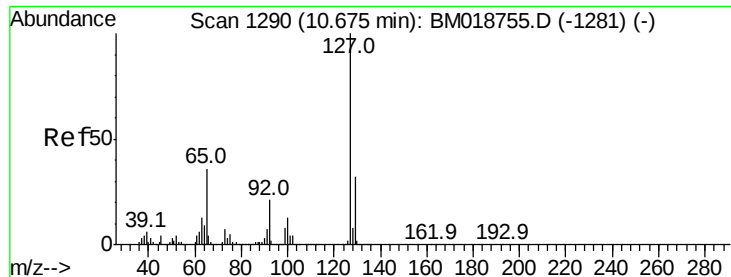
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#32
Benzoic acid
Concen: 9.725 ng m
RT: 9.76 min Scan# 1134
Delta R.T. -0.08 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion:122 Resp: 84837
Ion Ratio Lower Upper
122 100
105 130.8 117.5 157.5
77 113.1 98.5 138.5





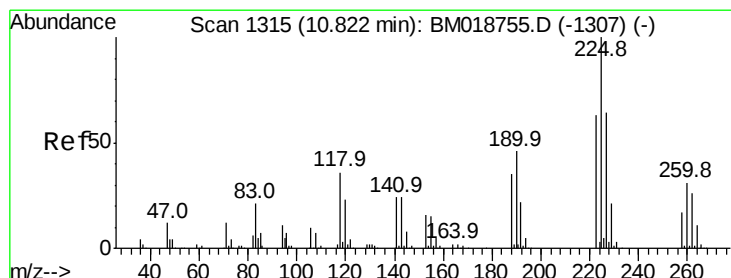
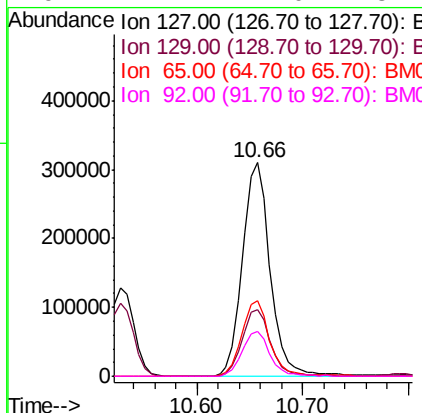
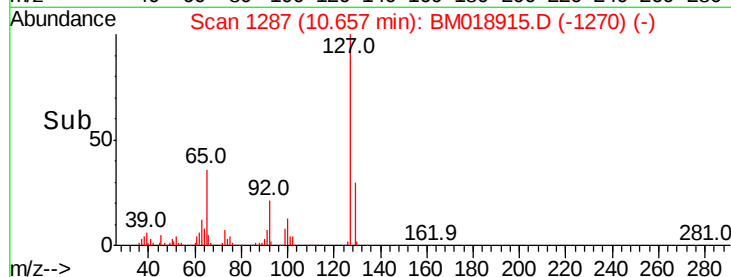
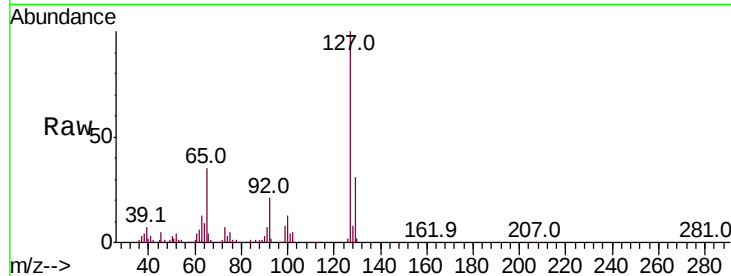
#33
4-Chloroaniline
Concen: 33.816 ng
RT: 10.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.9	25.7	38.5	
65	35.2	28.7	43.1	
92	21.1	17.0	25.4	

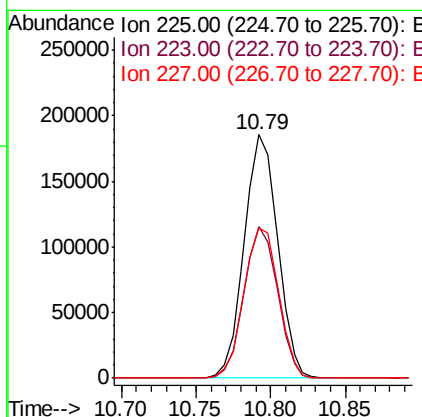
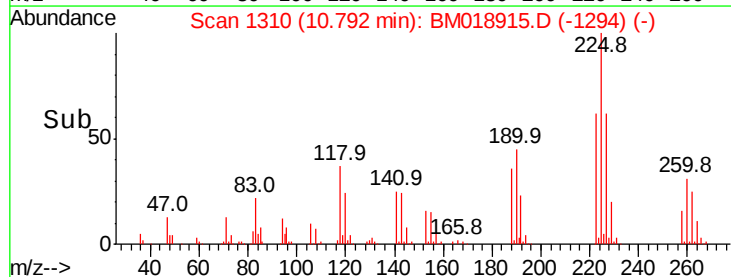
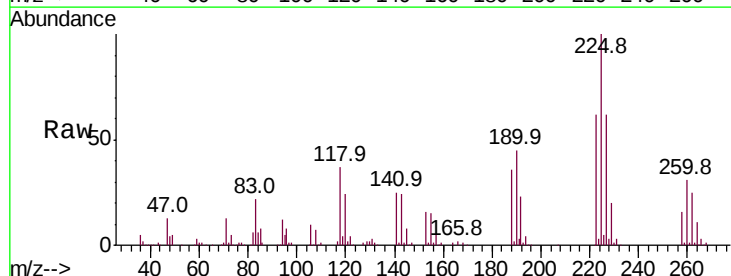
Manual Integrations
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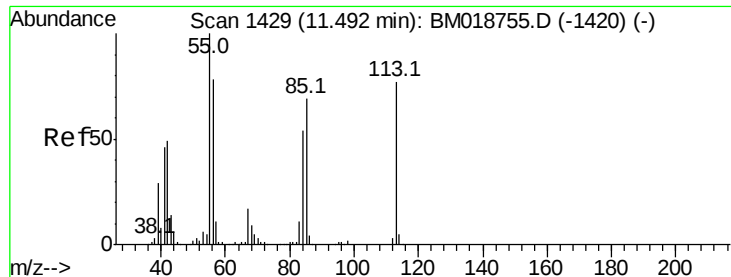
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#34
Hexachlorobutadiene
Concen: 37.372 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.1	75.1	
227	61.9	51.4	77.0	





#35

Caprolactam

Concen: 32.133 ng/mL

RT: 11.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

Tot Ion:113 Resp: 150588

Ion Ratio Lower Upper

113 100

55 132.6 110.7 150.7

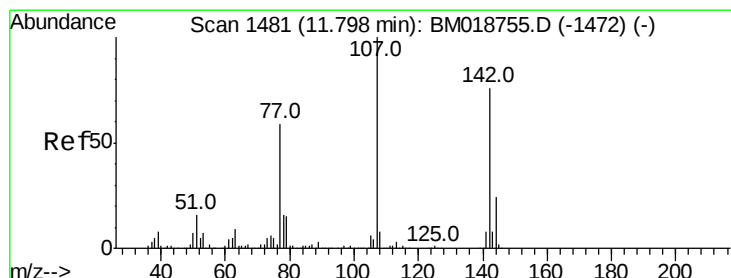
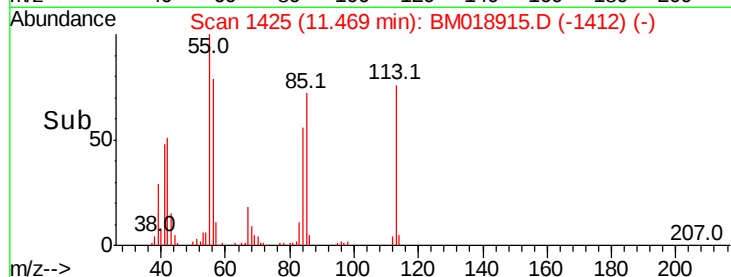
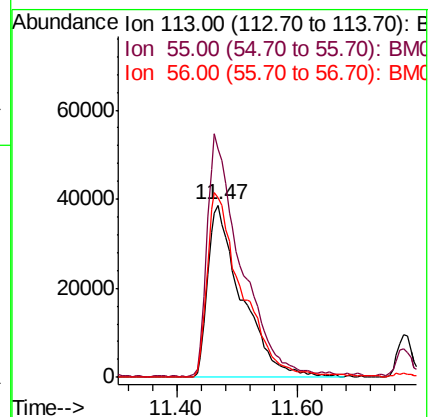
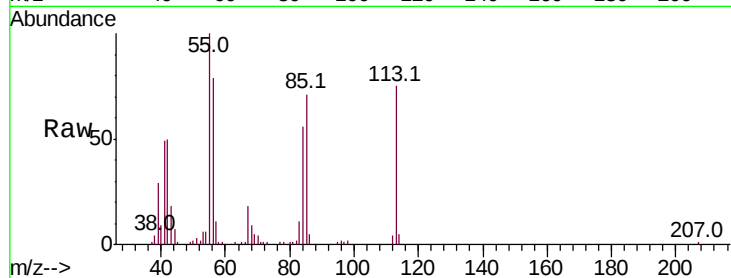
56 104.4 82.4 122.4

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 38.234 ng/mL

RT: 11.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

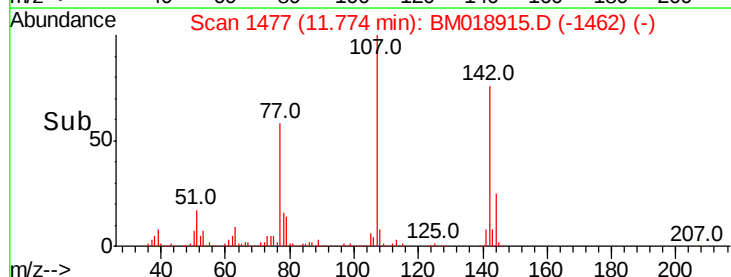
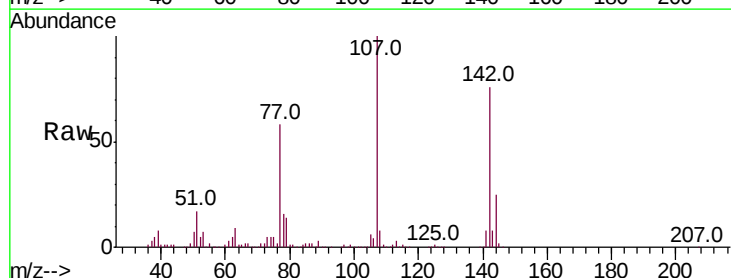
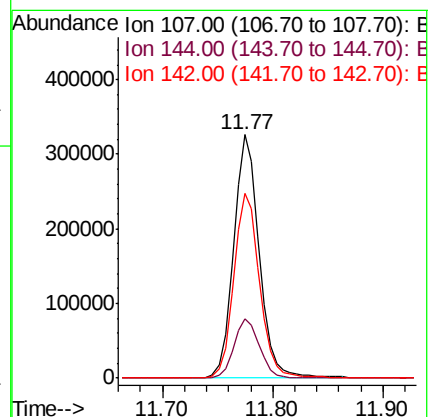
Tgt Ion:107 Resp: 529347

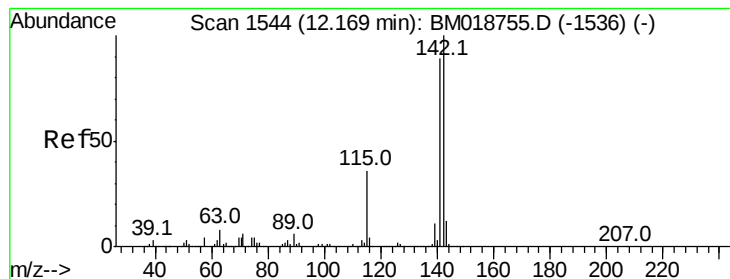
Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

142 75.8 60.5 90.7





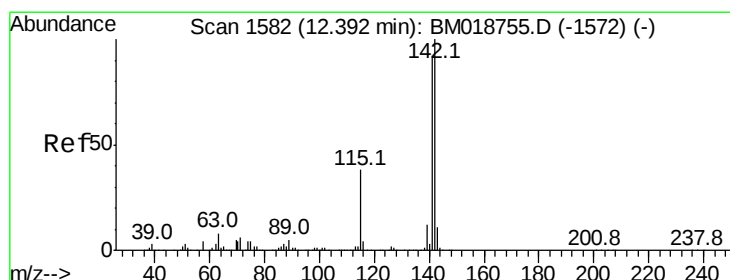
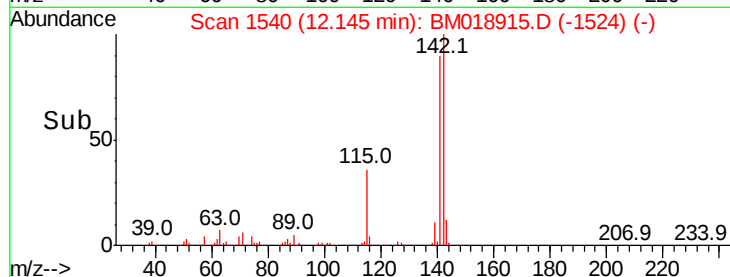
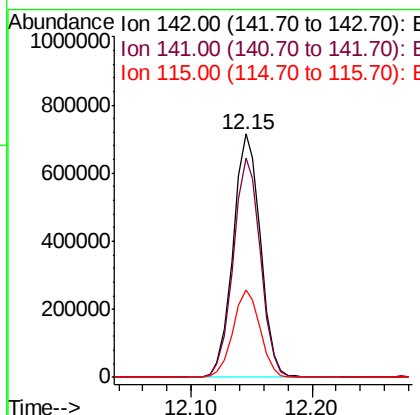
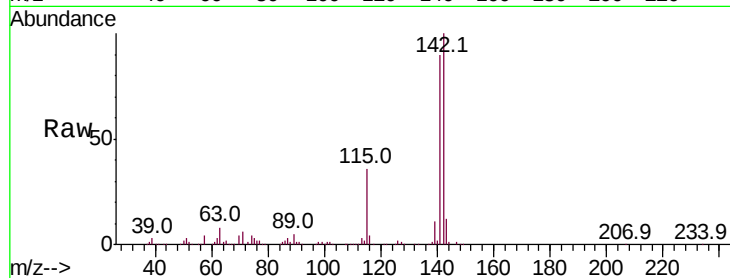
#37
2-Methylnaphthalene
Concen: 42.919 ng
RT: 12.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8
115	35.9	29.1	43.7

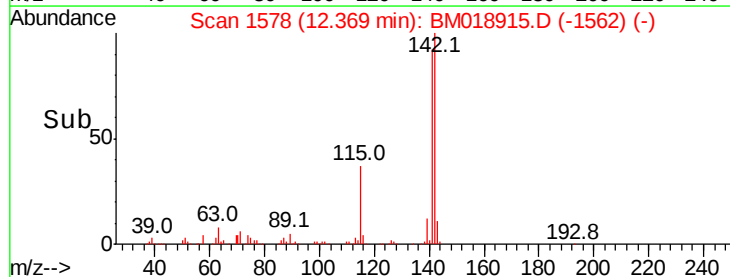
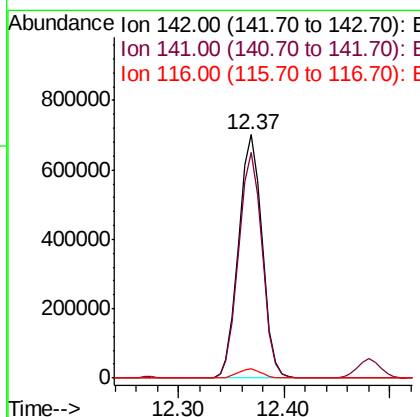
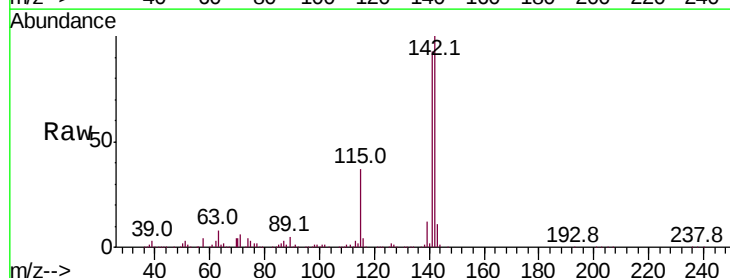
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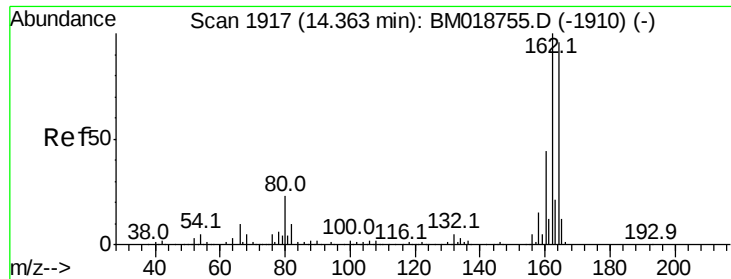
Sohil
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#38
1-Methylnaphthalene
Concen: 41.716 ng
RT: 12.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.9	110.9
116	3.9	3.0	4.4





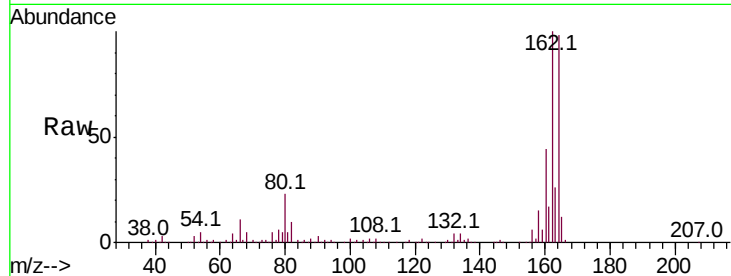
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

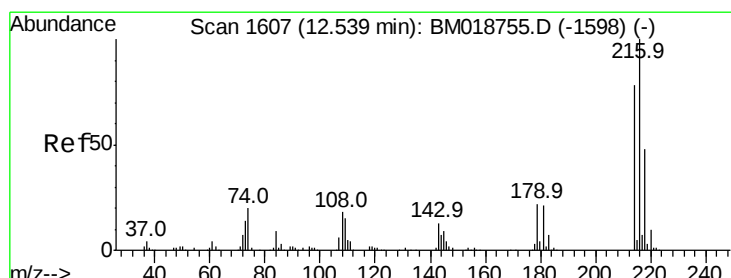
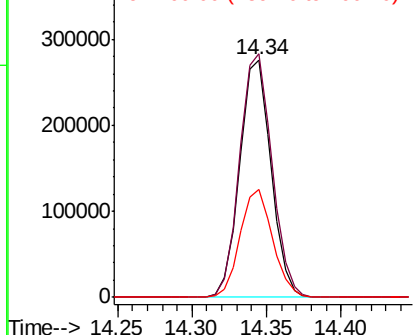
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.4	125.0
160	45.4	36.6	55.0

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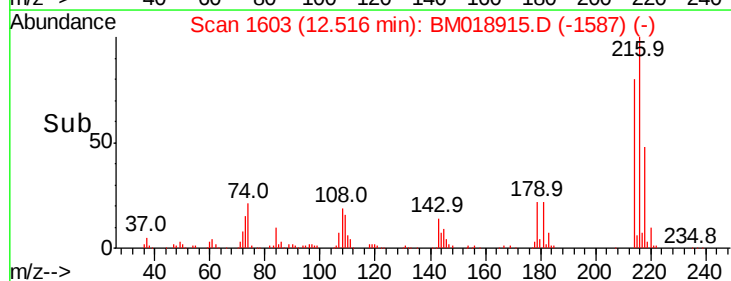
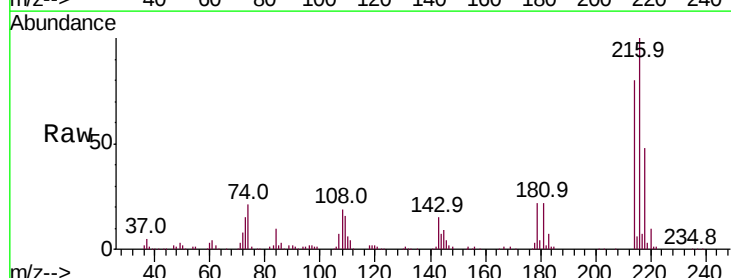
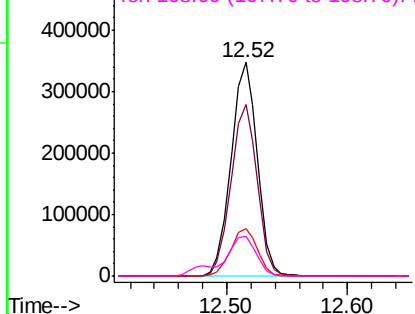
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

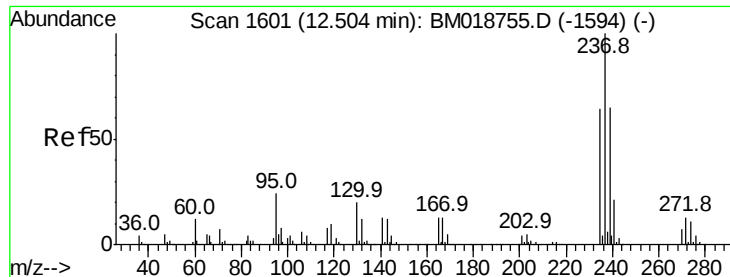


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.000 ng
RT: 12.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.2	94.8
179	22.7	17.8	26.8
108	23.5	16.4	24.6

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.201 ng

RT: 12.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

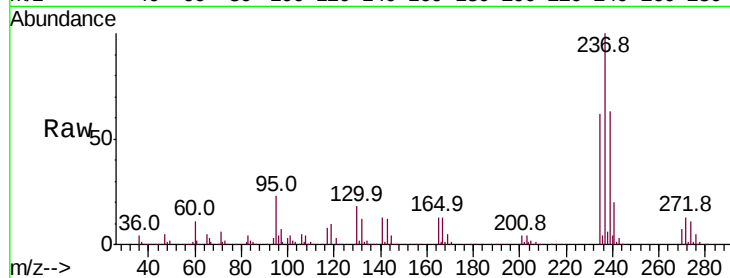
ClientSampleId :

M-1MSD

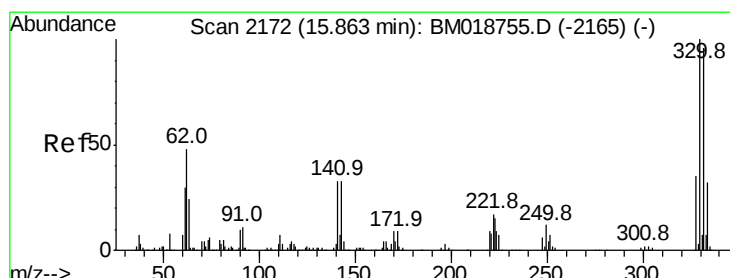
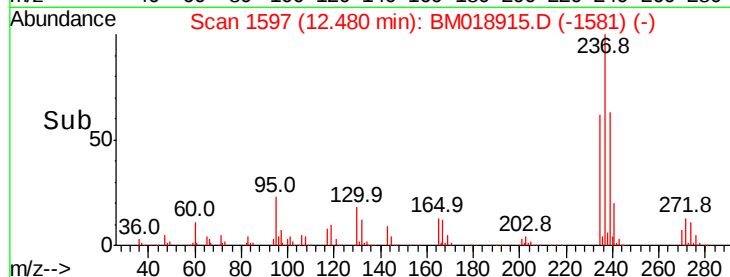
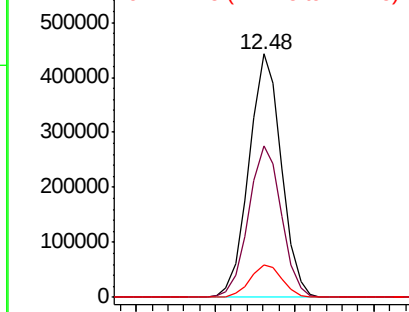
Tot Ion:	237	Resp:	630402
Ion Ratio	Lower	Upper	
237	100		
235	62.1	43.7	83.7
272	13.4	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 129.917 ng

RT: 15.84 min Scan# 2168

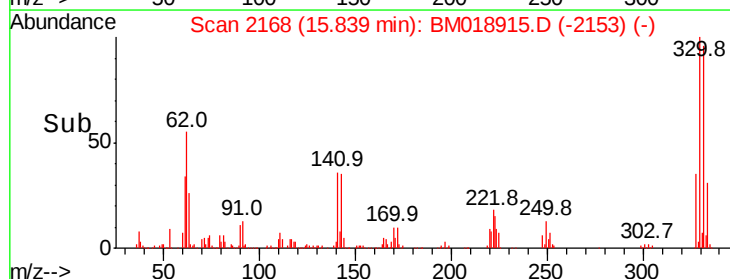
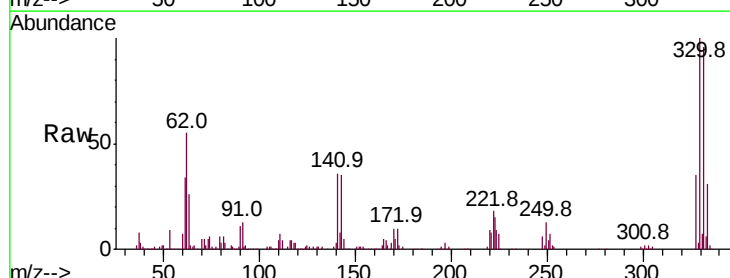
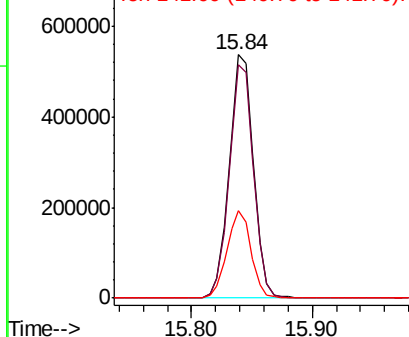
Delta R.T. -0.01 min

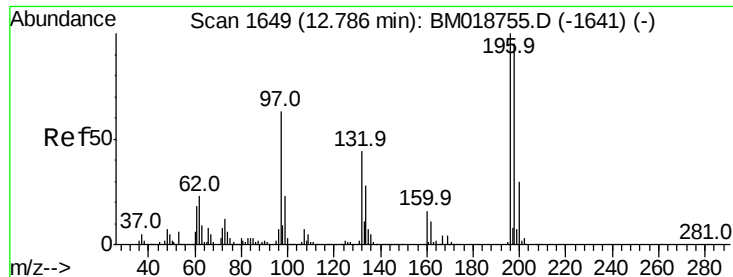
Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:	330	Resp:	750335
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.9	115.3
141	35.7	28.7	43.1

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





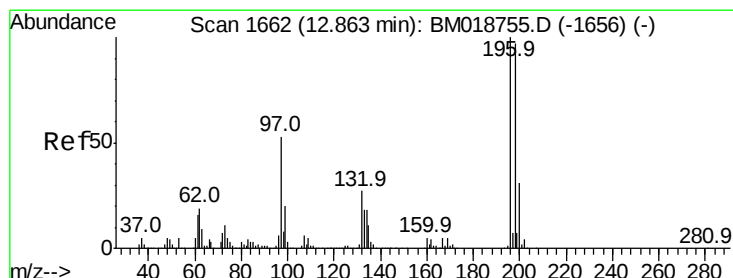
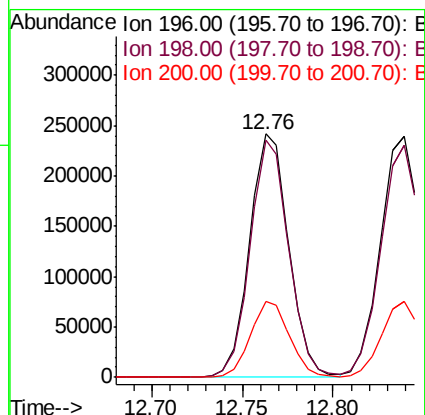
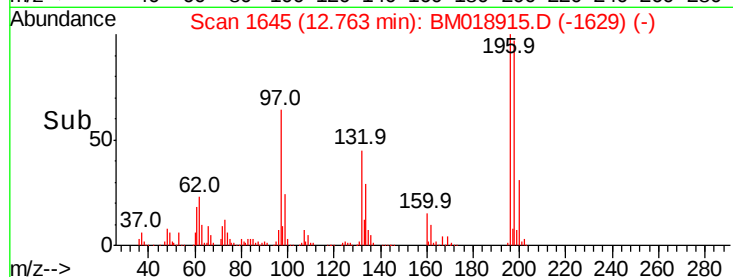
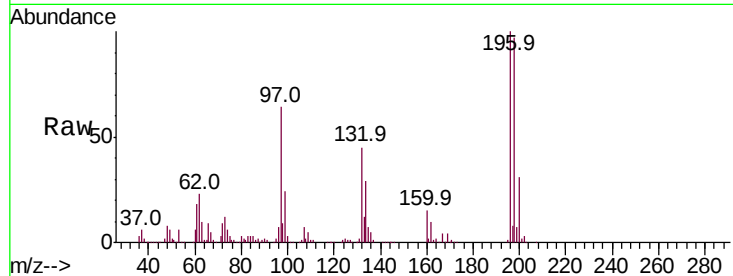
#43
2,4,6-Trichlorophenol
Concen: 42.762 ng
RT: 12.76 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	362831		
198	97.2	76.2	114.2	
200	30.9	24.2	36.2	

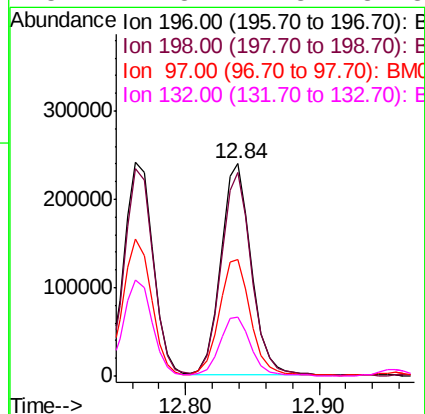
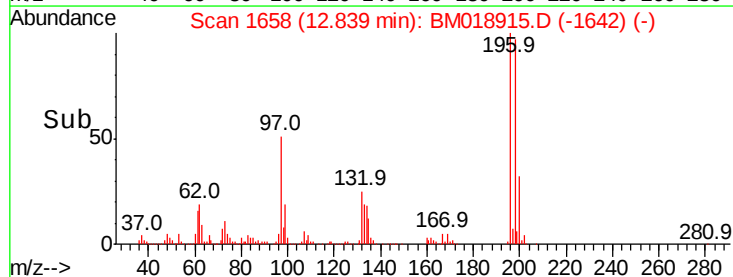
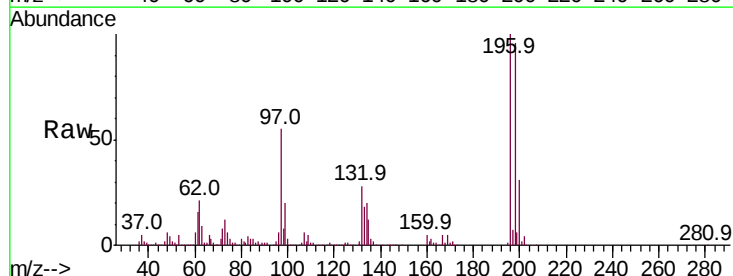
Manual Integrations
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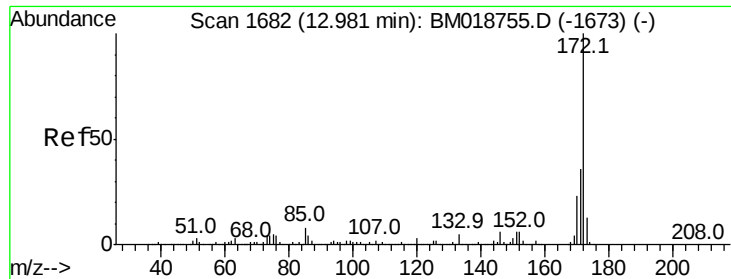
Sohil
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#44
2,4,5-Trichlorophenol
Concen: 42.960 ng
RT: 12.84 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	382055		
198	96.3	77.6	116.4	
97	55.0	42.8	64.2	
132	27.8	21.8	32.8	





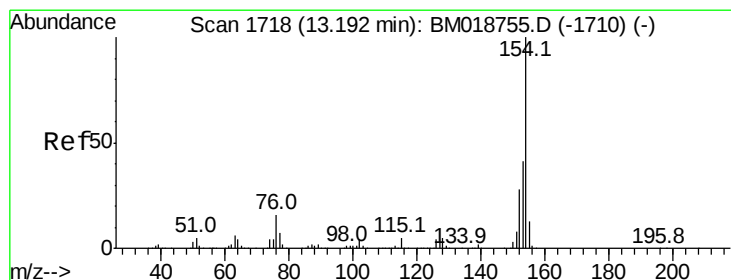
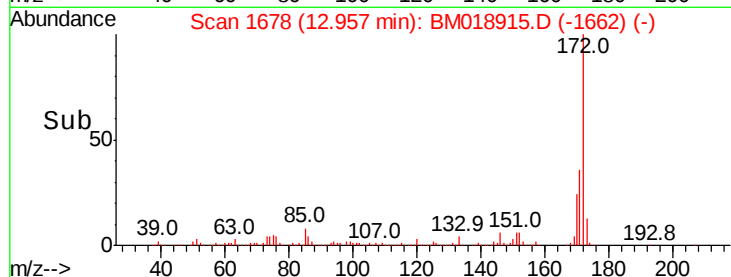
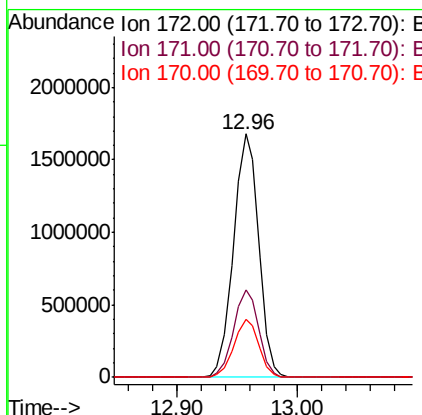
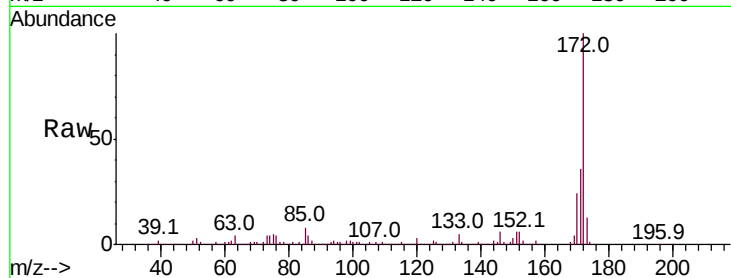
#45
2-Fluorobiphenyl
Concen: 80.954 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.7	18.6	28.0

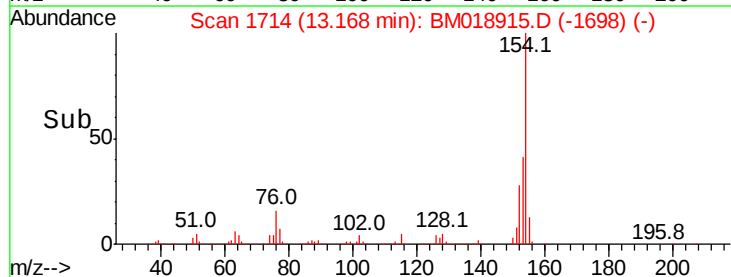
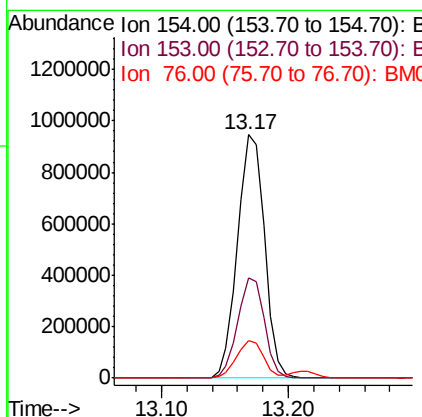
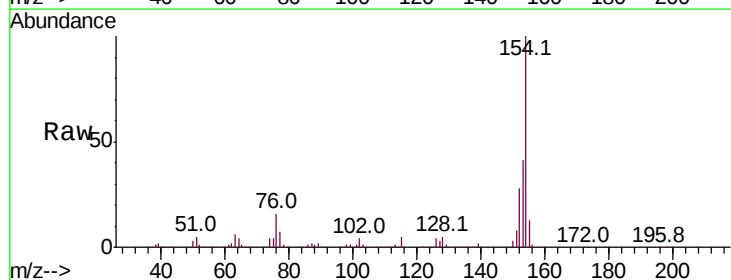
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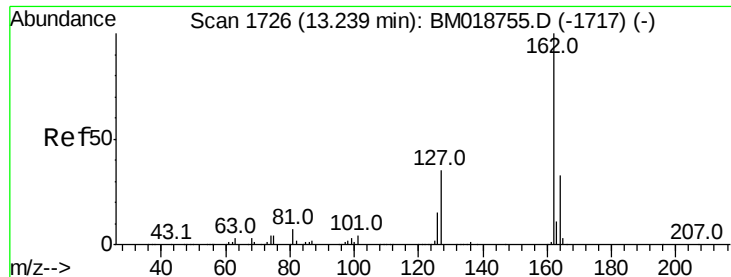
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#46
1,1'-Biphenyl
Concen: 40.565 ng
RT: 13.17 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.1	61.1
76	15.5	0.0	35.7





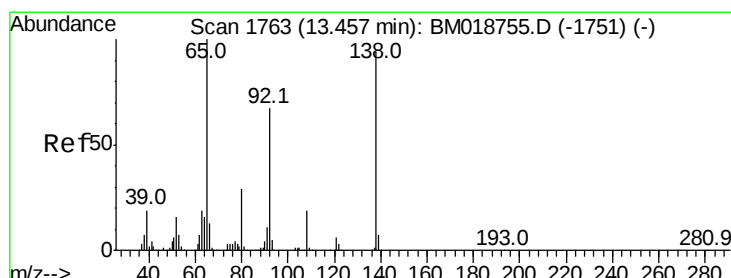
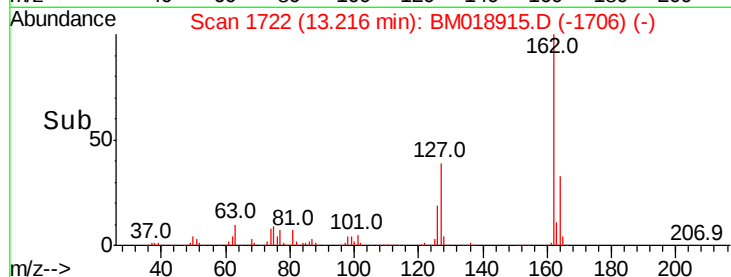
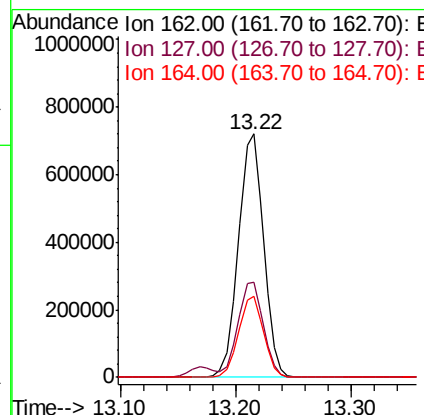
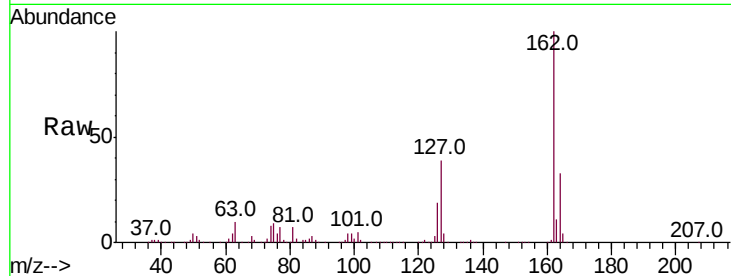
#47
2-Chloronaphthalene
Concen: 40.985 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampled :
M-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.1	46.7
164	33.0	26.4	39.6

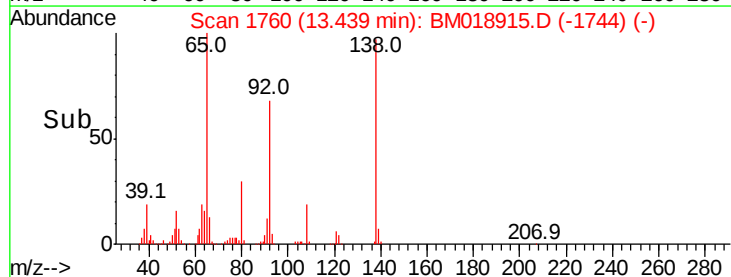
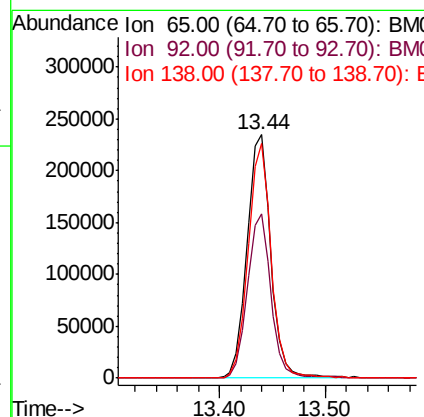
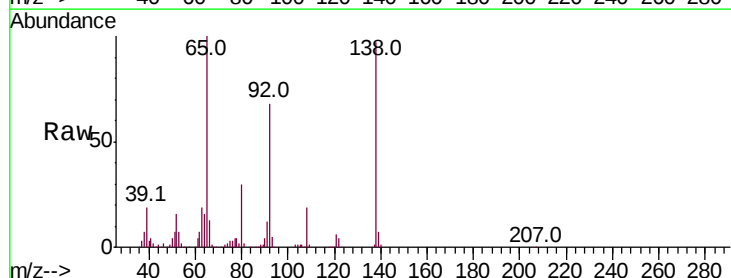
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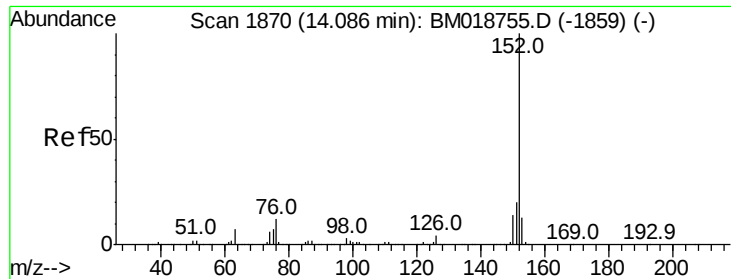
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#48
2-Nitroaniline
Concen: 41.266 ng
RT: 13.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	54.0	81.0
138	96.6	74.9	112.3





#49

Acenaphthylene

Concen: 44.633 ng

RT: 14.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

Tot Ion:152 Resp: 1770360

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

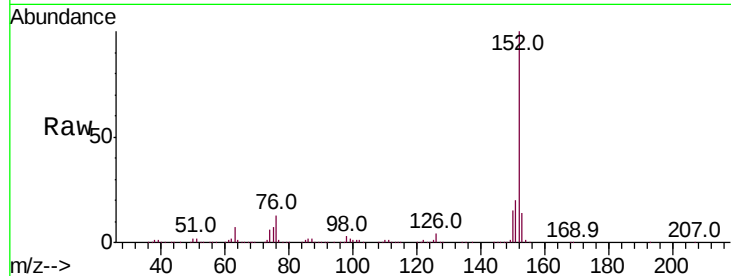
153 13.5 10.5 15.7

Manual Integrations

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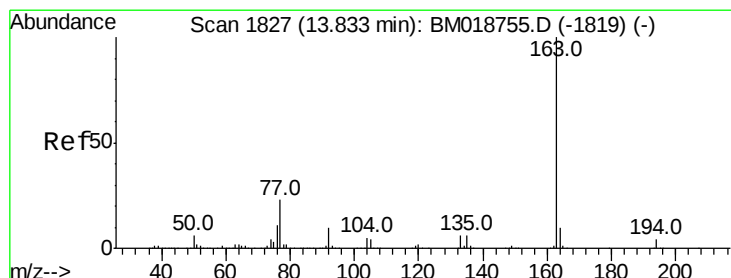
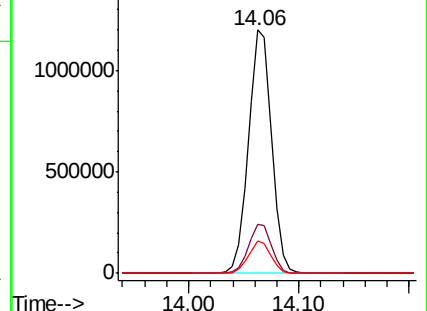
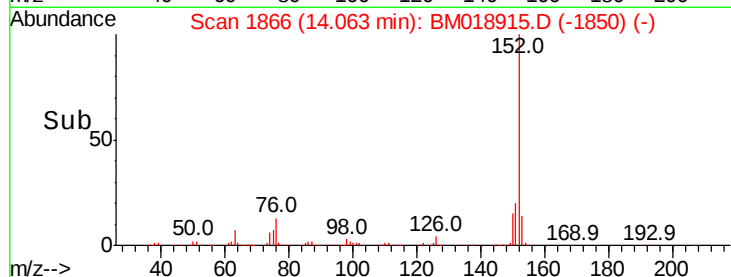
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.188 ng

RT: 13.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

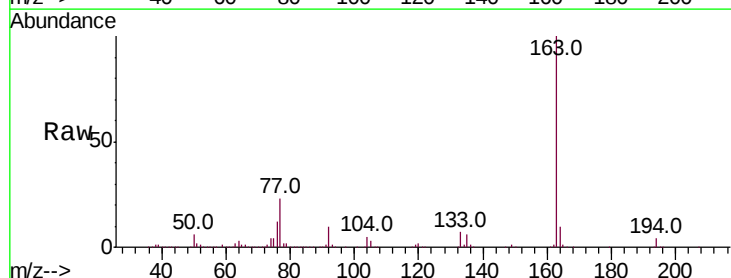
Tgt Ion:163 Resp: 1508900

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

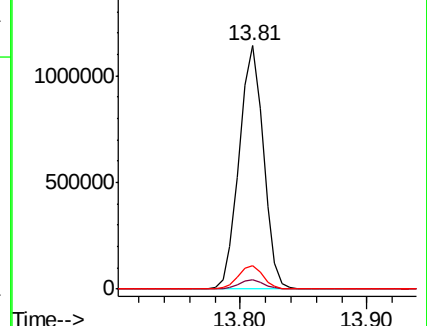
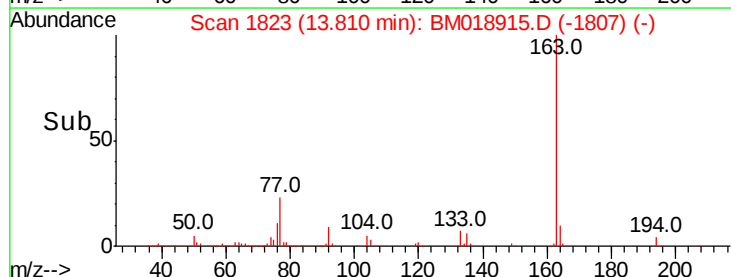
164 9.8 7.8 11.8

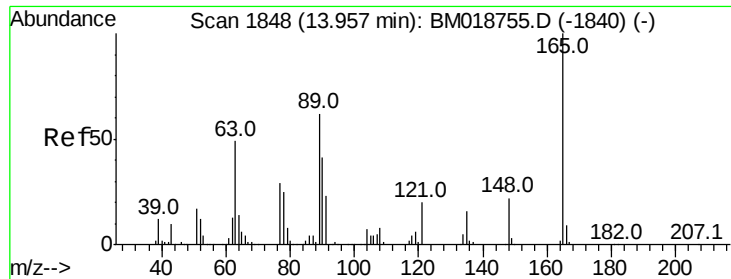


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.591 ng

RT: 13.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

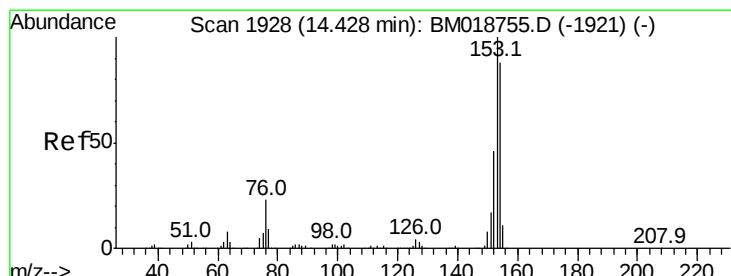
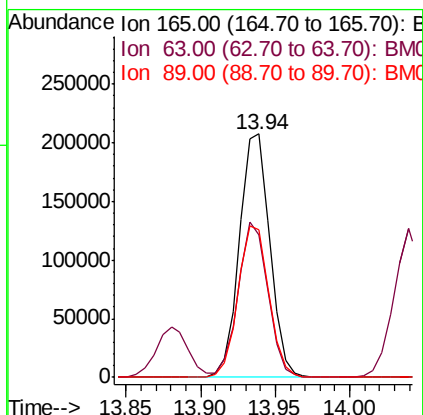
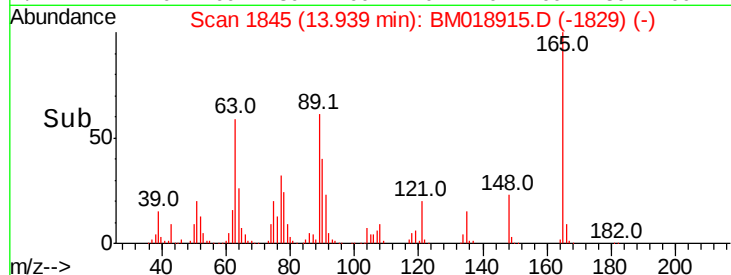
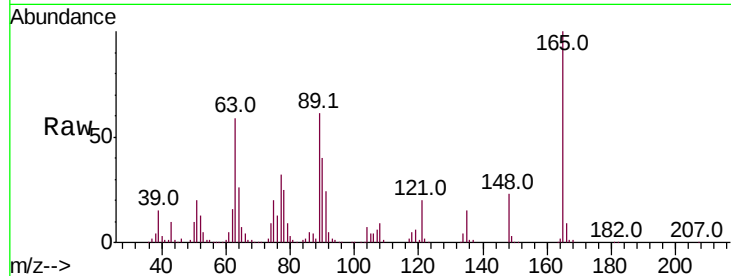
ClientSampled :

M-1MSD

Tot Ion:	165	Resp:	293604
Ion Ratio	Lower	Upper	
165	100		
63	58.7	48.9	73.3
89	60.8	49.4	74.0

Manual Integrations
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#52

Acenaphthene

Concen: 41.562 ng

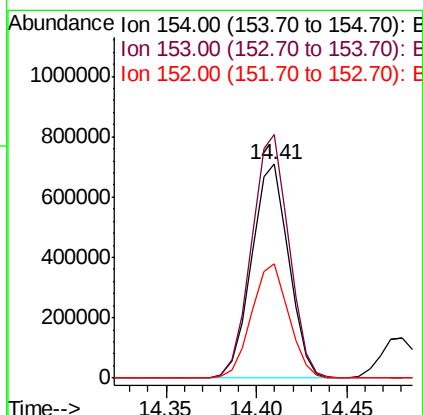
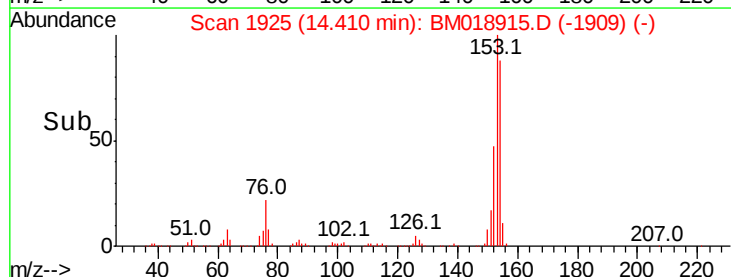
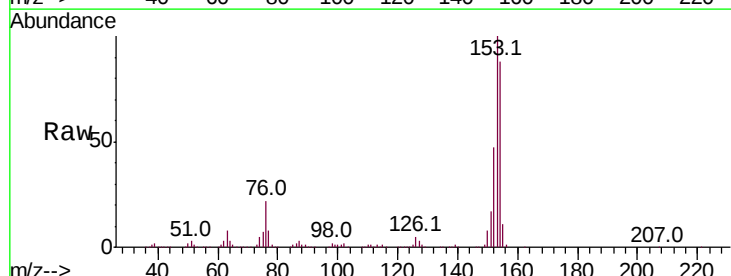
RT: 14.41 min Scan# 1925

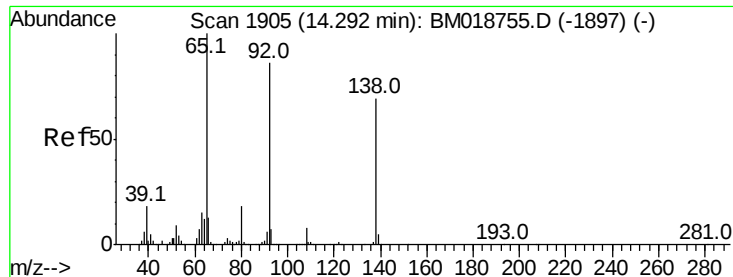
Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:	154	Resp:	1010858
Ion Ratio	Lower	Upper	
154	100		
153	113.8	91.3	136.9
152	53.3	42.2	63.4





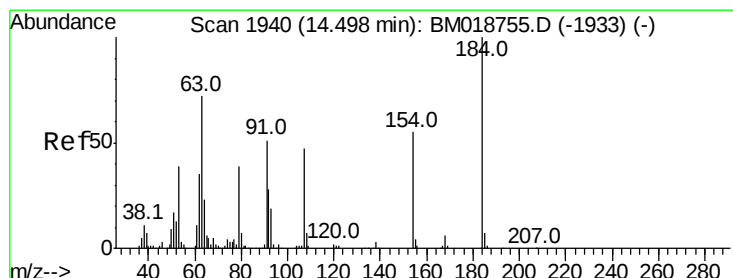
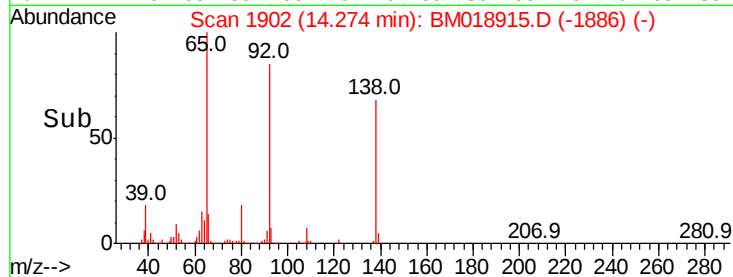
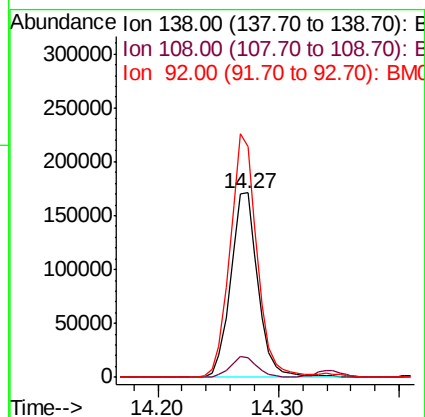
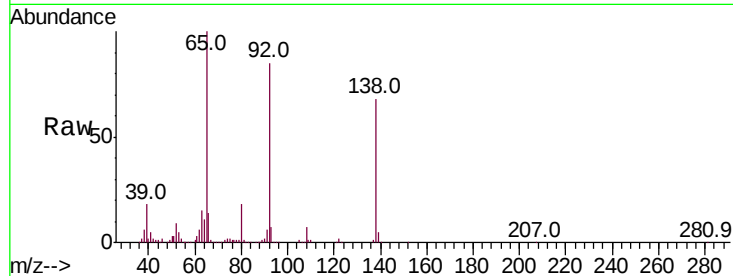
#53
 3-Nitroaniline
 Concen: 32.997 ng
 RT: 14.27 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.1	13.7
92	125.3	99.7	149.5

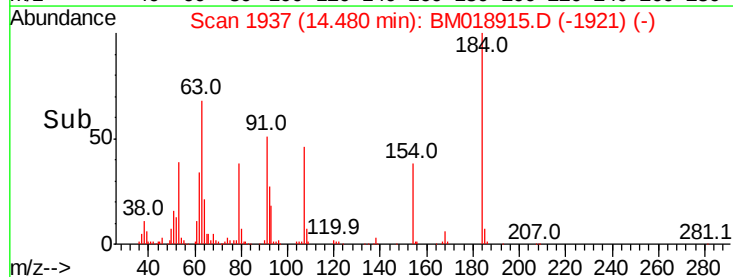
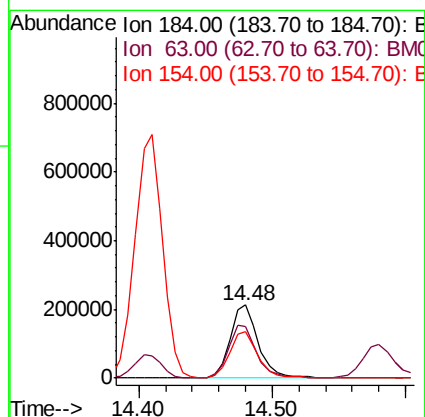
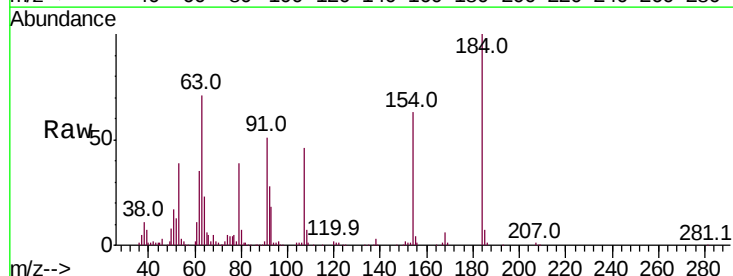
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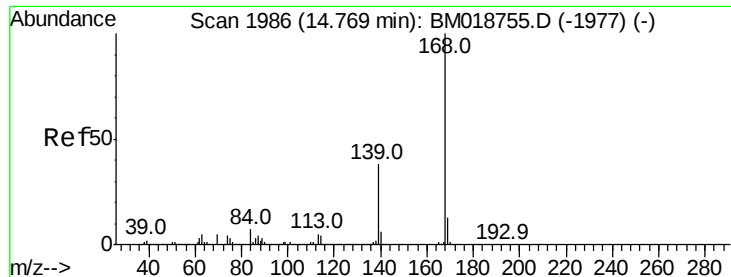
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 69.340 ng
 RT: 14.48 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.5	58.0	87.0
154	63.3	50.3	75.5





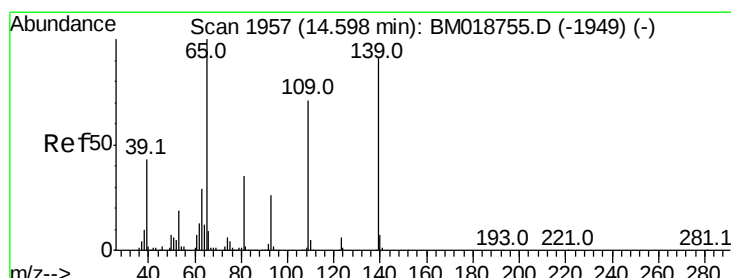
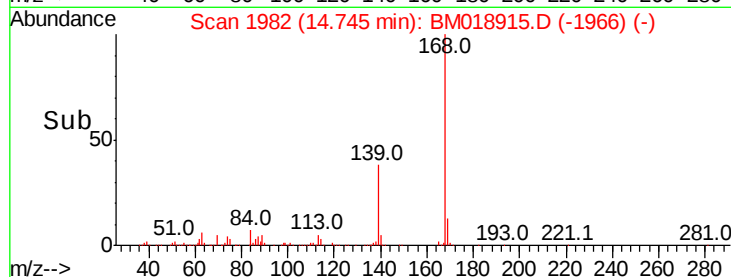
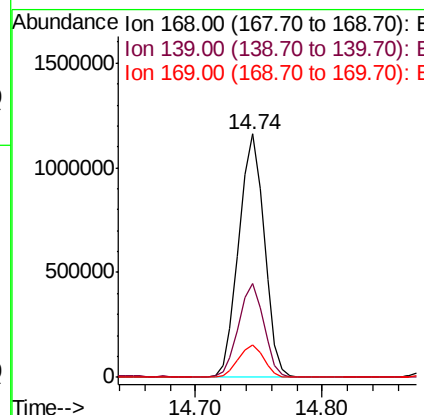
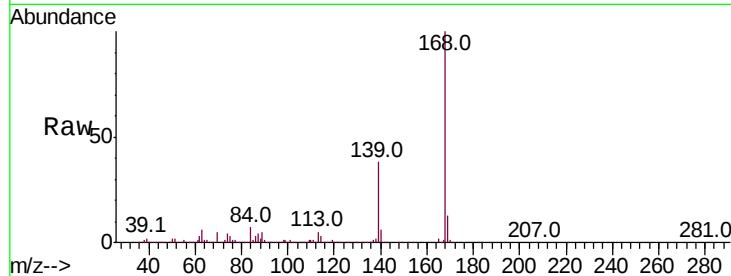
#55
Dibenzofuran
Concen: 40.602 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.7	46.1
169	13.2	10.3	15.5

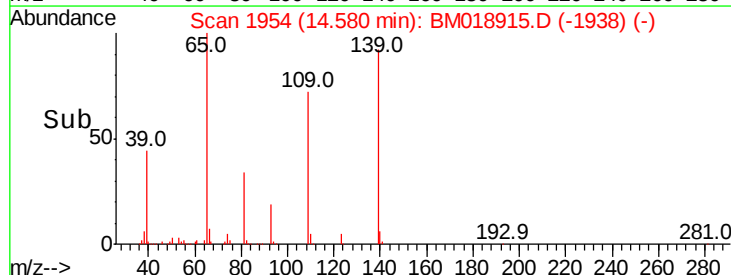
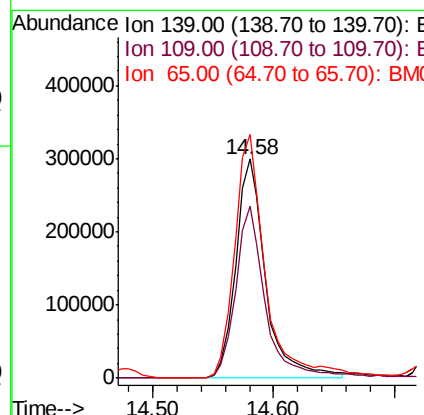
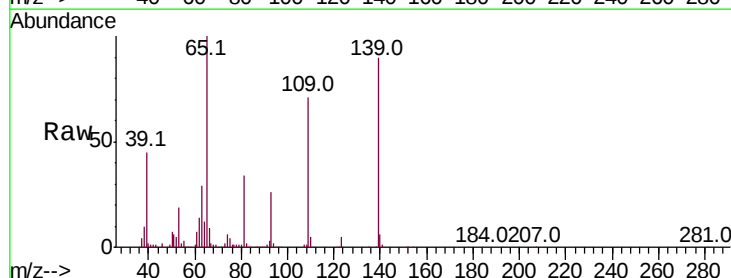
Manual Integrations
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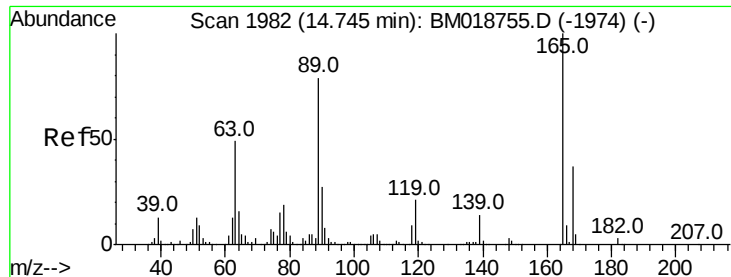
Sohil
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#56
4-Nitrophenol
Concen: 79.232 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.6	58.4	98.4
65	111.1	89.8	129.8





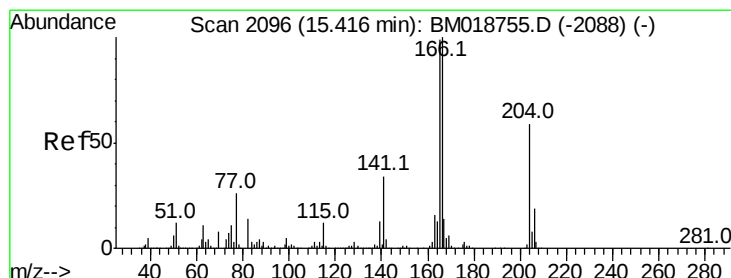
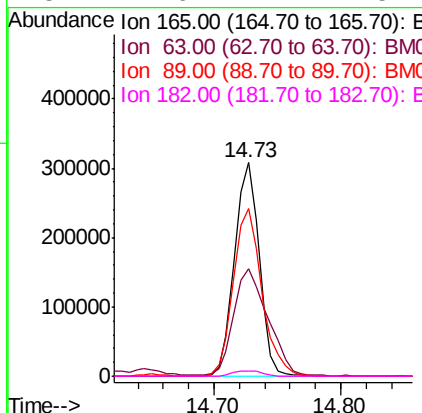
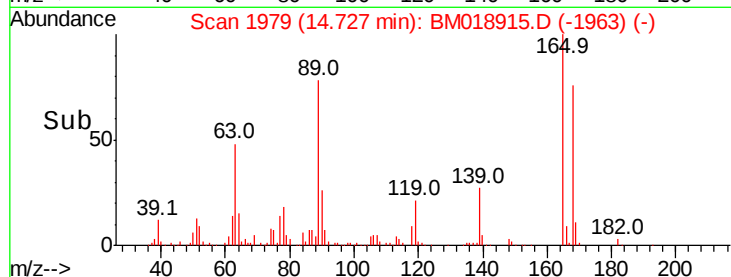
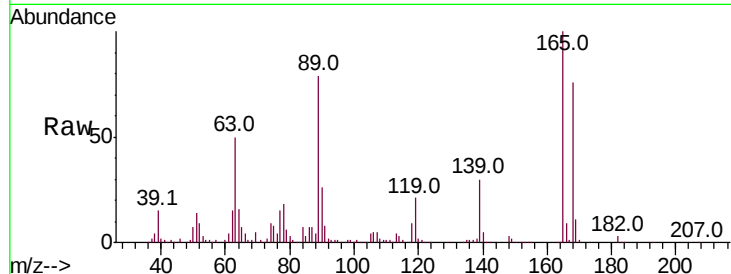
#57
2,4-Dinitrotoluene
Concen: 41.582 ng
RT: 14.73 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	39.6	59.4
89	78.6	63.5	95.3
182	2.6	2.2	3.4

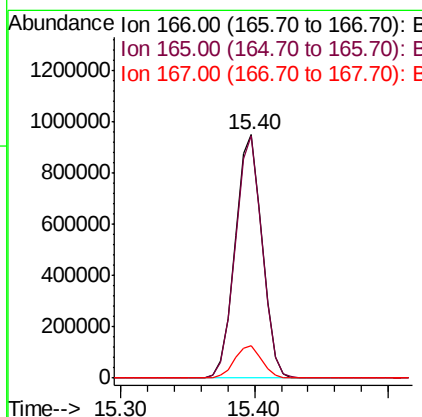
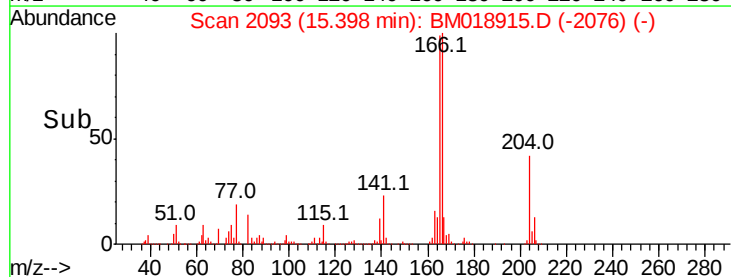
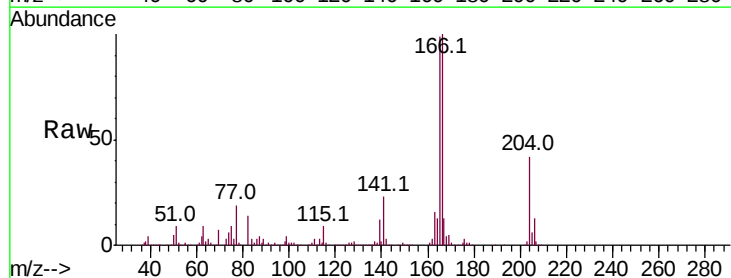
Manual Integrations
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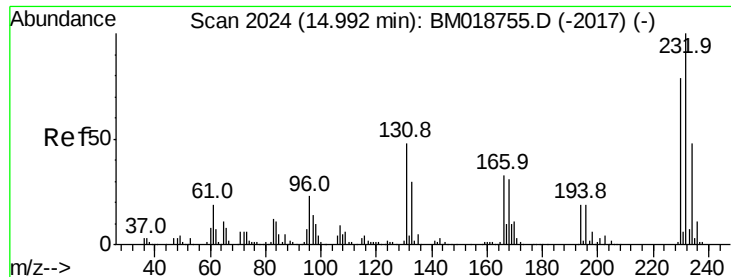
Sohil
2/26/2019 12:06:04 PM



#58
Fluorene
Concen: 43.475 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.1	118.7
167	13.4	11.0	16.4





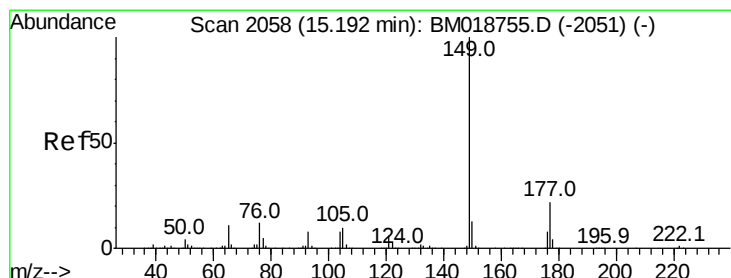
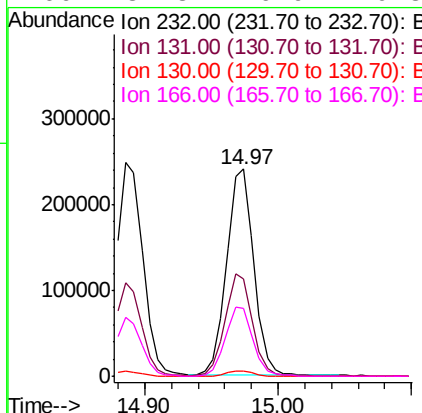
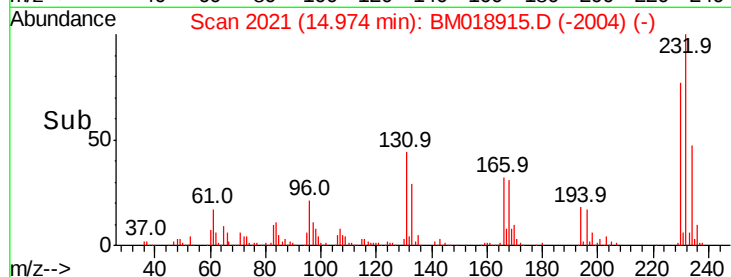
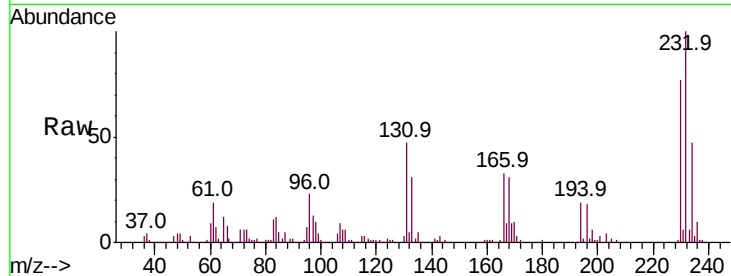
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.755 ng
 RT: 14.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Instrument :
 BNA_M
 ClientSampled :
 M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	343947		
131	49.2		38.6	57.8
130	2.6		2.0	3.0
166	34.3		26.9	40.3

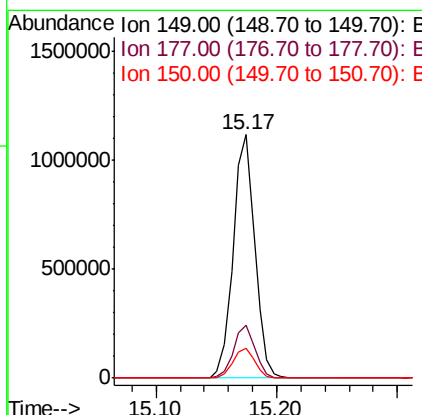
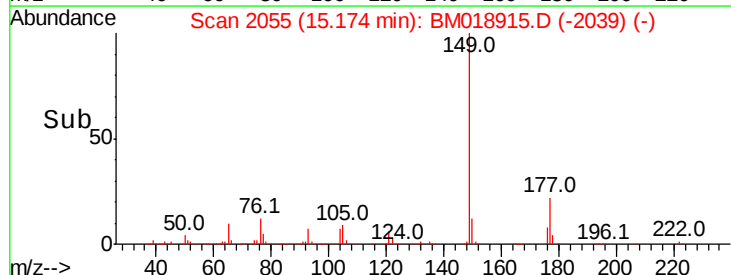
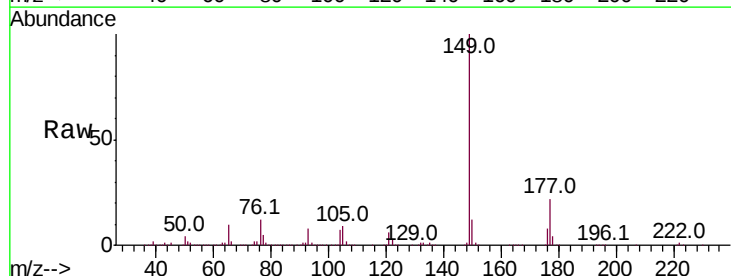
Manual Integrations
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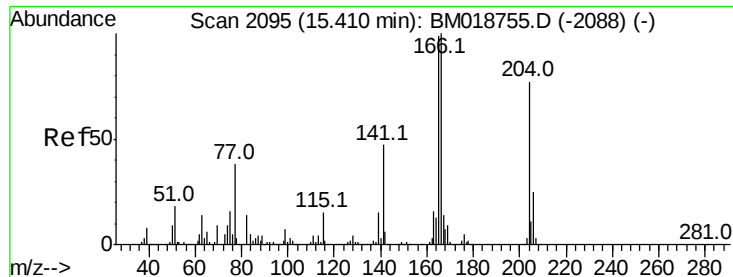
Sohil
 2/26/2019 12:06:04 PM



#60
 Diethylphthalate
 Concen: 40.472 ng
 RT: 15.17 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1394042		
177	21.5		17.2	25.8
150	12.5		10.2	15.2





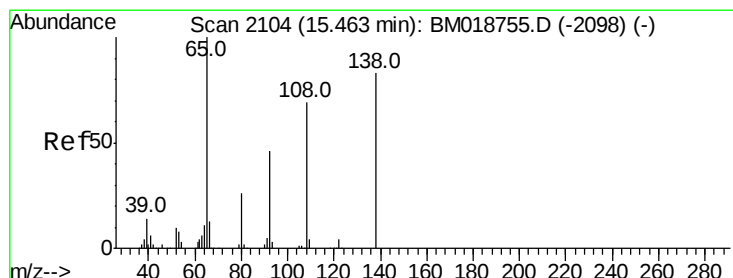
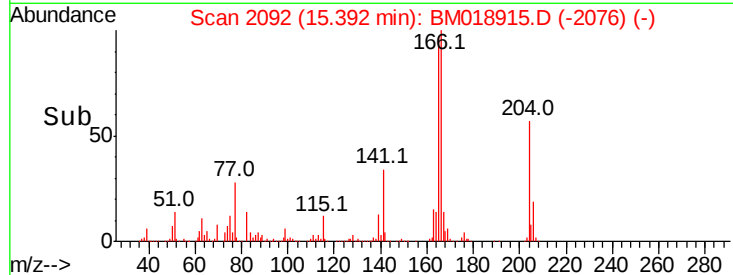
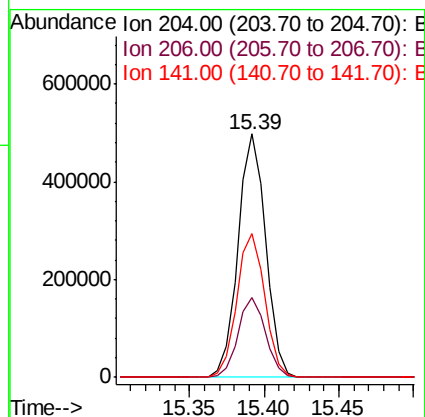
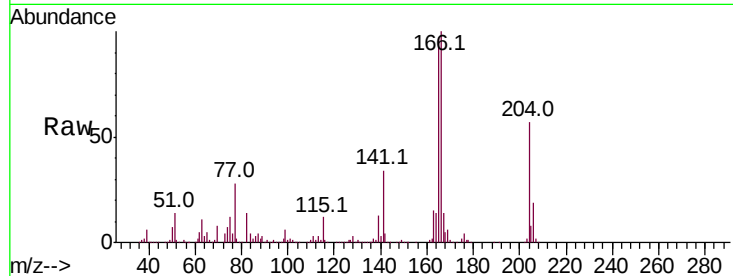
#61
4-Chlorophenyl-phenylether
Concen: 37.526 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampled :
M-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	59.2	49.2	73.8

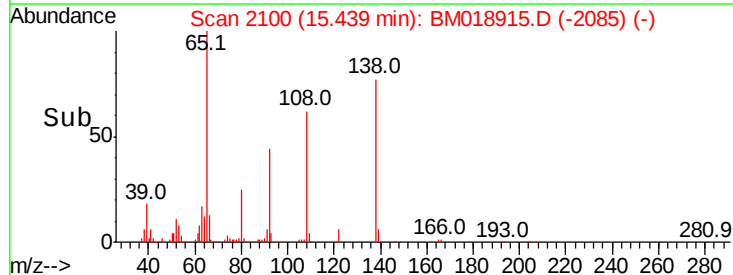
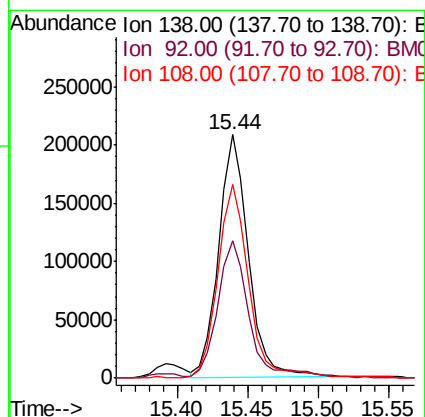
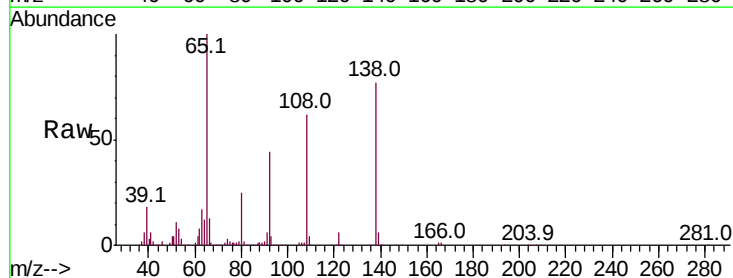
Manual Integrations
APPROVED

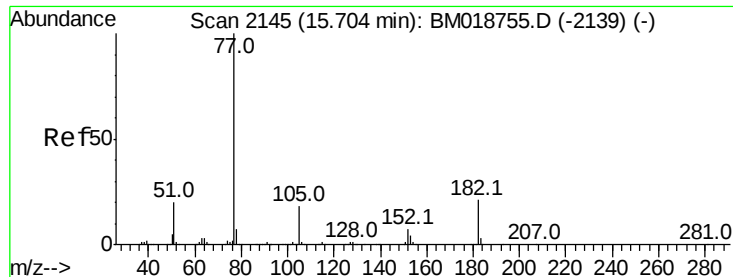
Sohil
2/26/2019 12:06:04 PM



#62
4-Nitroaniline
Concen: 37.904 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	35.5	75.5
108	79.7	62.4	102.4





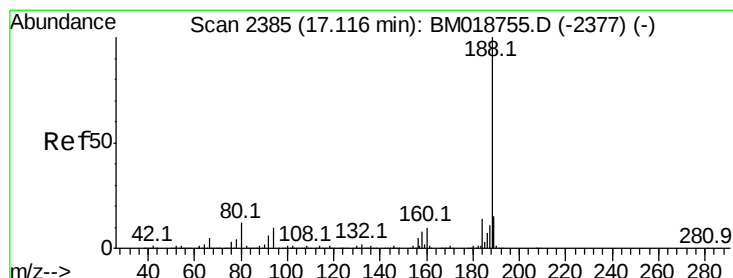
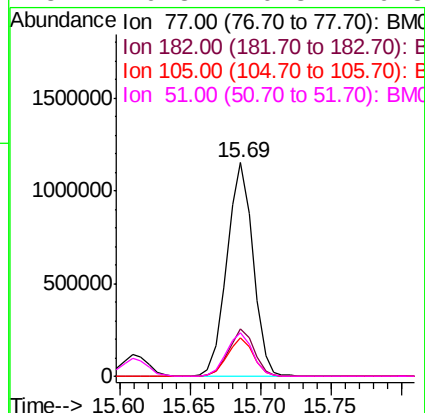
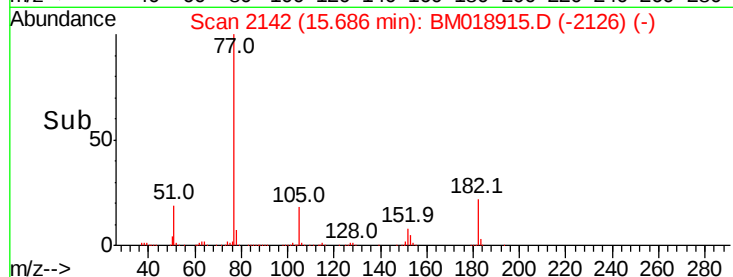
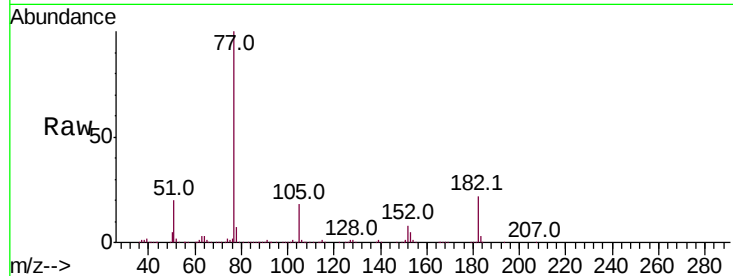
#63
Azobenzene
Concen: 39.960 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.2	1.0	41.0
105	17.9	0.0	37.7
51	20.3	0.3	40.3

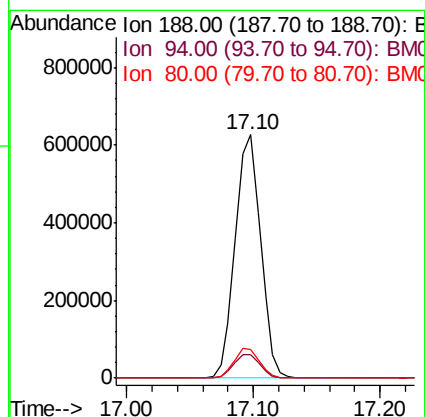
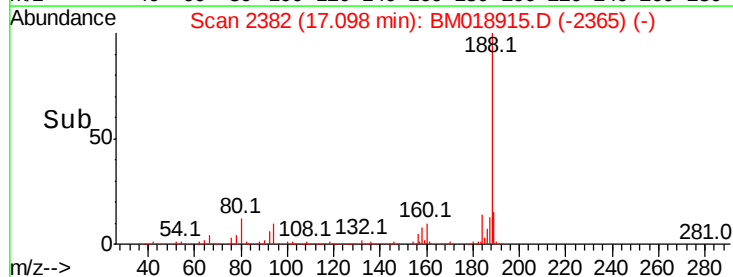
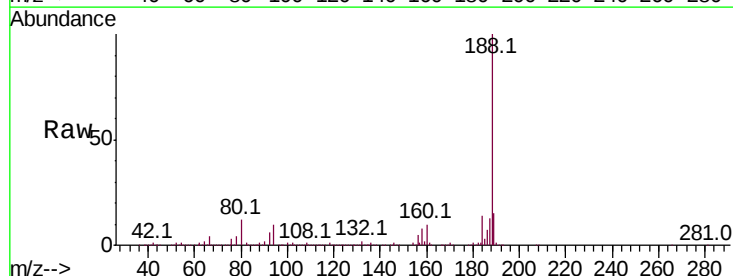
Manual Integrations
APPROVED

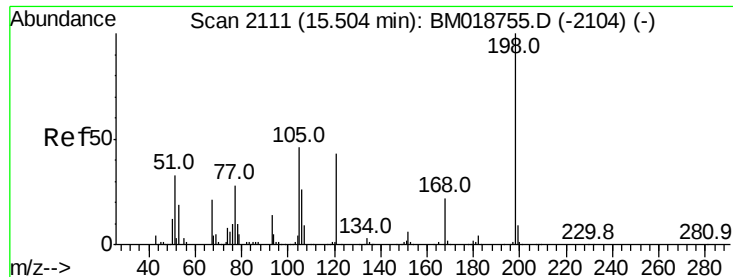
Sohil
2/26/2019 12:06:04 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	11.9	9.7	14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 37.418 ng

RT: 15.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

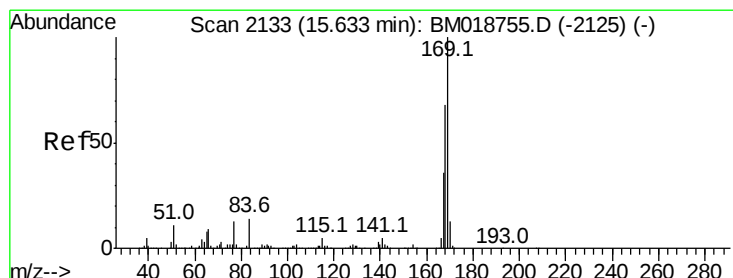
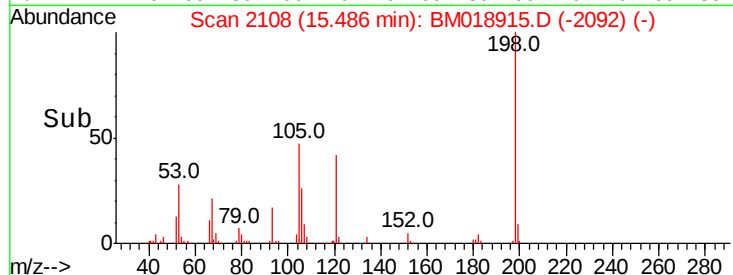
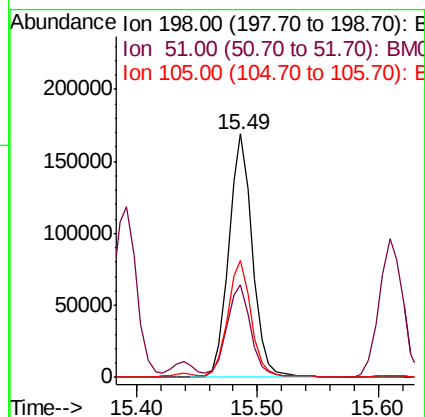
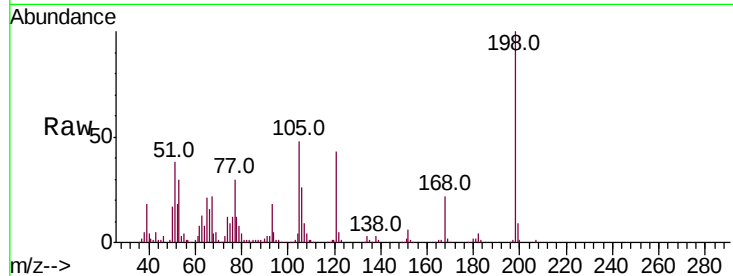
ClientSampleId :

M-1MSD

Tot Ion:	198	Resp:	228990
Ion Ratio	Lower	Upper	
198	100		
51	37.8	18.4	58.4
105	47.8	27.2	67.2

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 41.387 ng

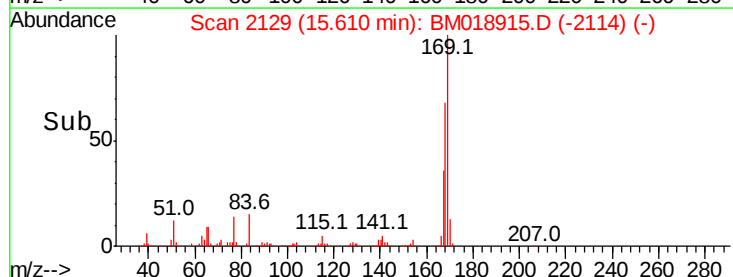
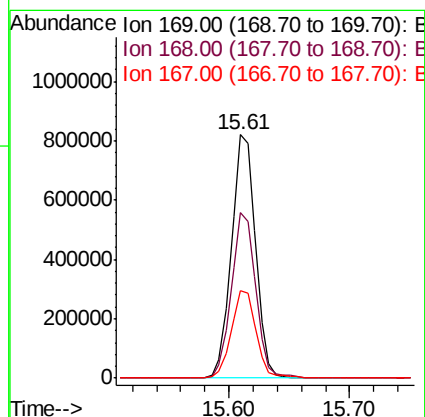
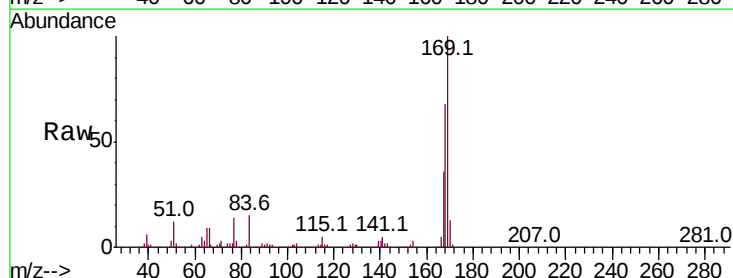
RT: 15.61 min Scan# 2129

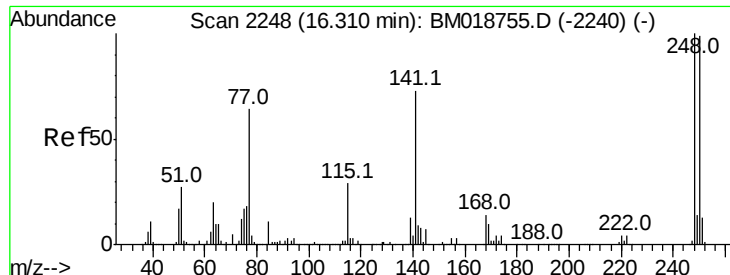
Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:	169	Resp:	1139710
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.4	81.6
167	35.8	29.0	43.6





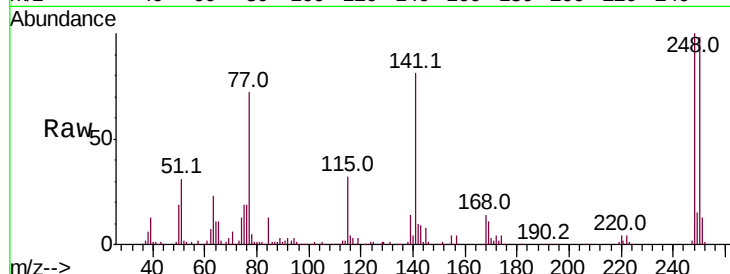
#67
4-Bromophenyl-phenylether
Concen: 39.100 ng
RT: 16.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.0	118.6
141	80.7	58.6	88.0

Manual Integrations
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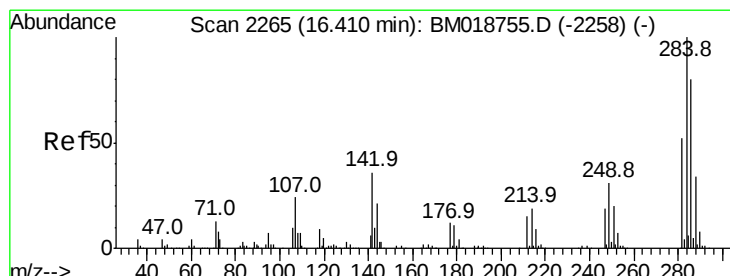
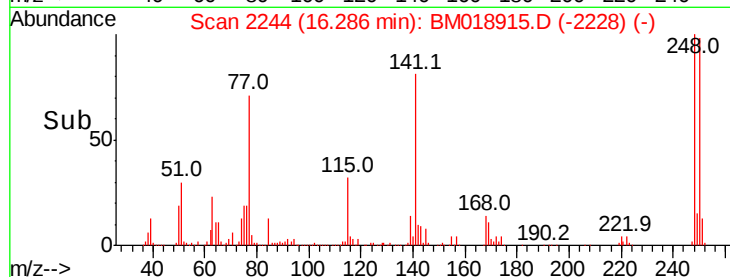
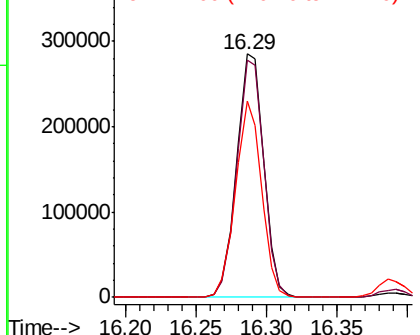


Abundance

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: 39.460 ng
RT: 16.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

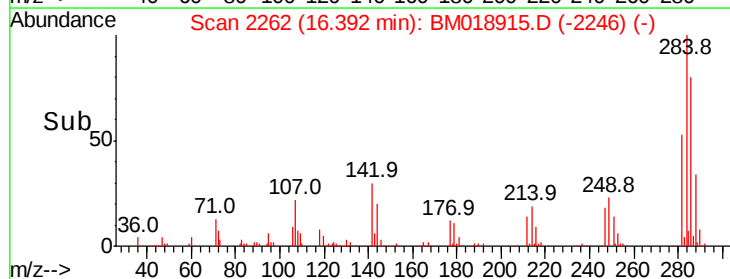
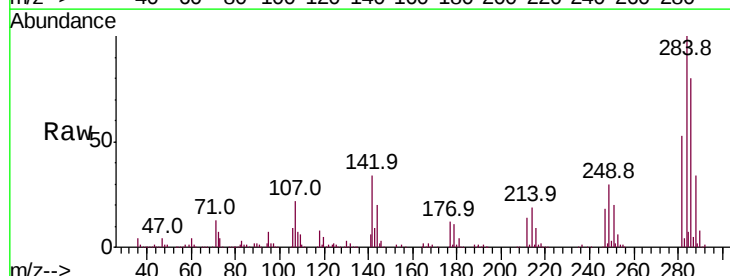
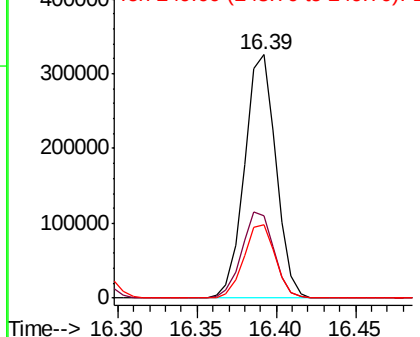
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	28.9	43.3
249	29.9	24.8	37.2

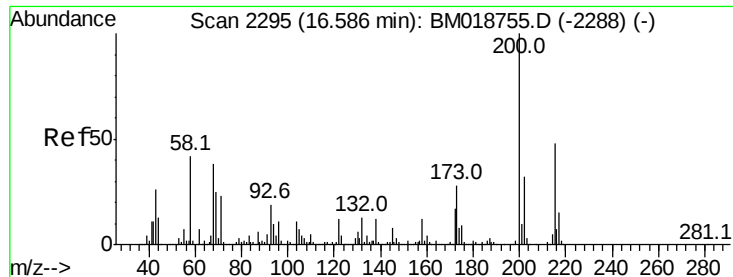
Abundance

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





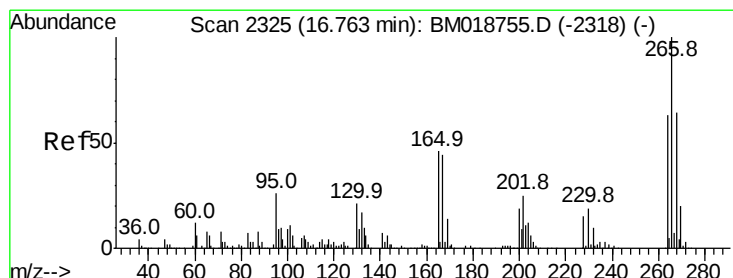
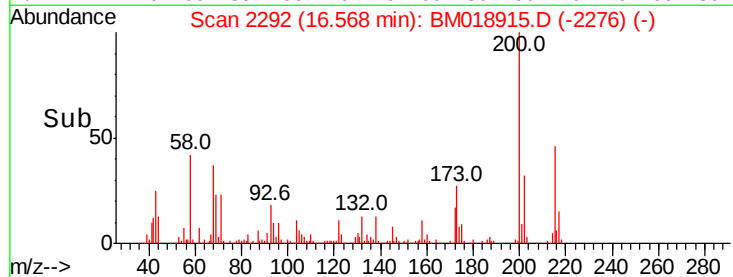
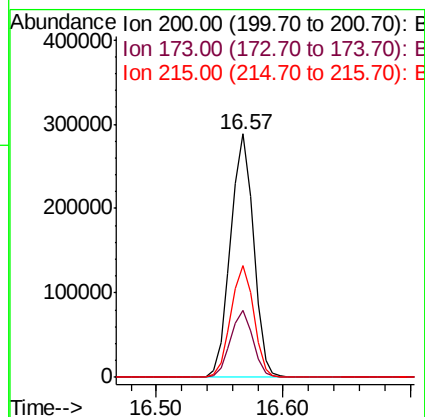
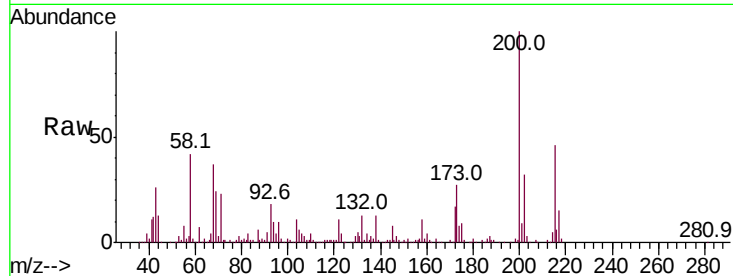
#69
Atrazine
Concen: 40.645 ng
RT: 16.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	7.6	47.6
215	45.7	27.6	67.6

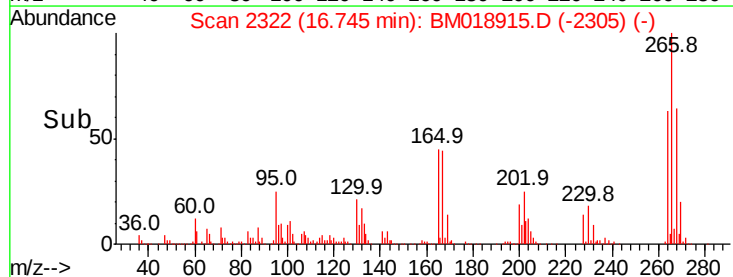
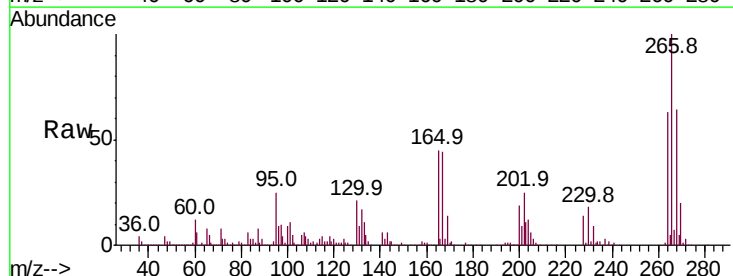
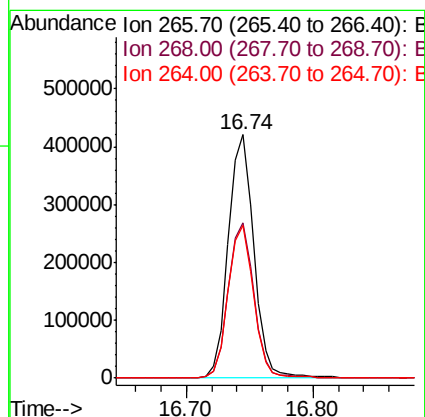
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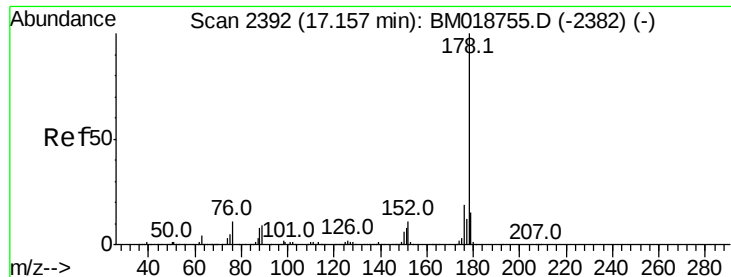
Sohil
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#70
Pentachlorophenol
Concen: 80.333 ng
RT: 16.74 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	51.3	76.9
264	63.0	50.6	75.8





#71

Phenanthrene

Concen: 43.954 ng

RT: 17.14 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

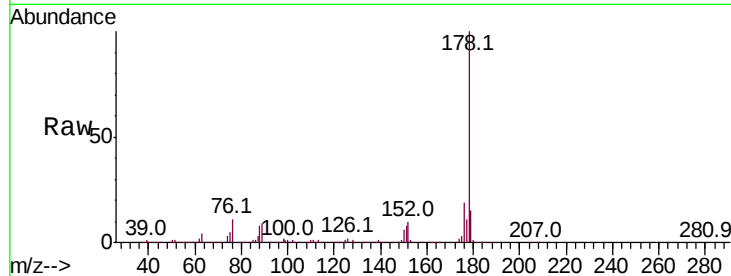
M-1MSD

Tot Ion:178 Resp: 2058915

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.1	12.3	18.5

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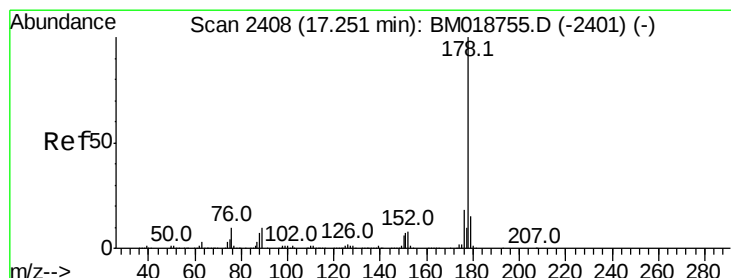
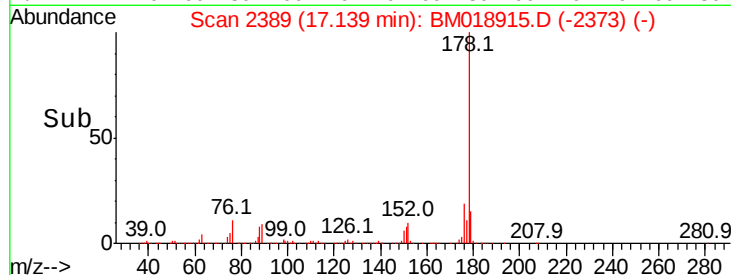
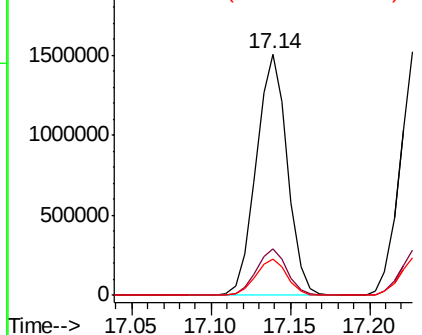


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.908 ng

RT: 17.23 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:178 Resp: 2093088

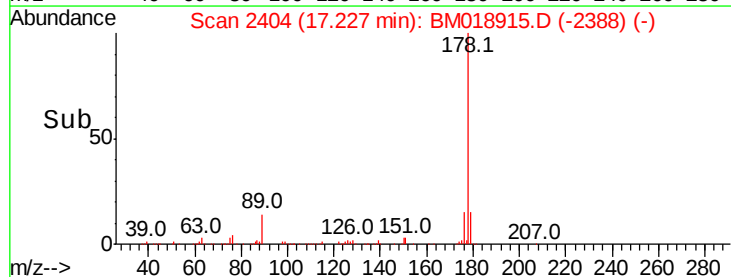
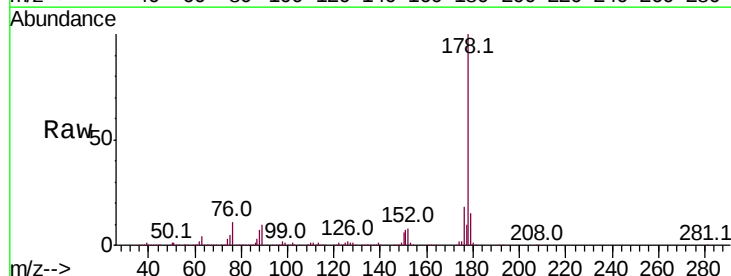
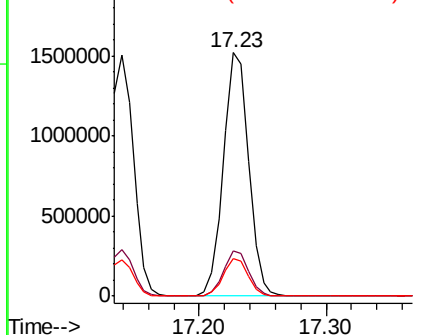
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.2	12.1	18.1

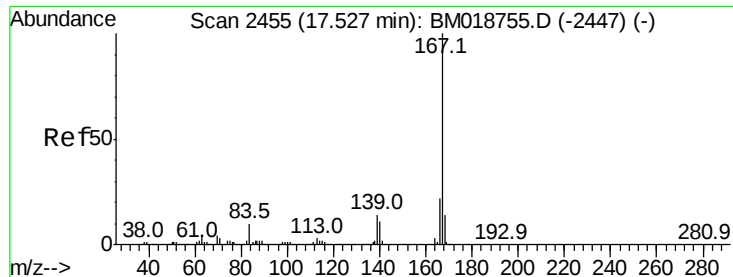
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





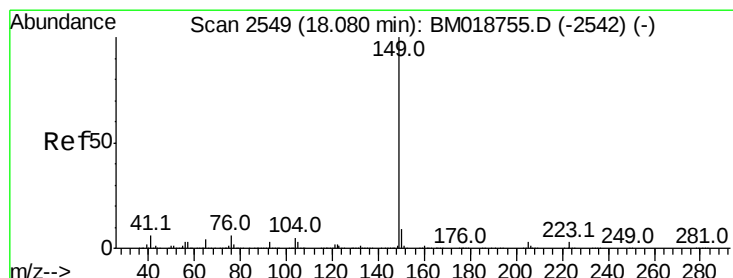
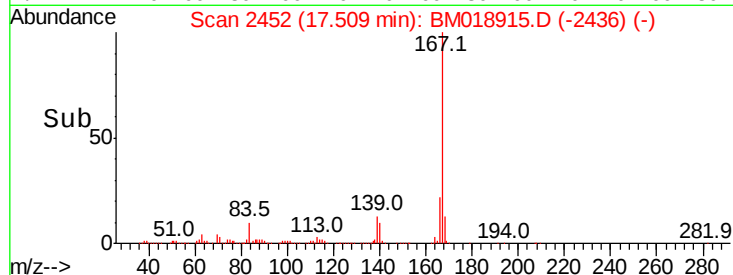
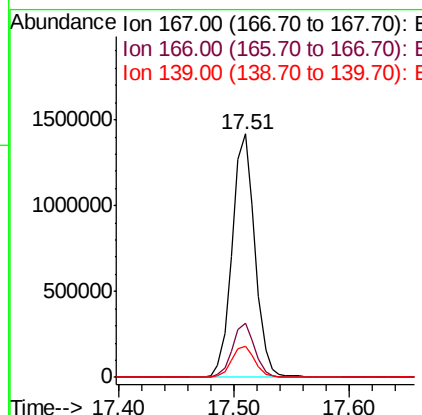
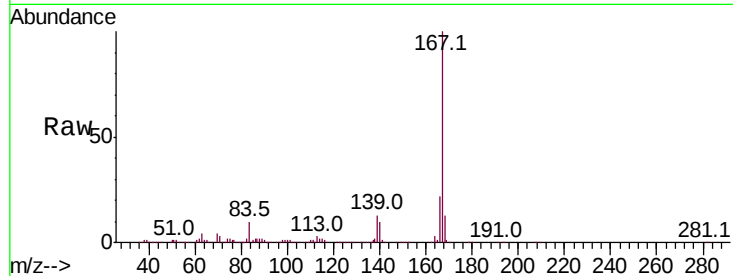
#73
 Carbazole
 Concen: 40.660 ng
 RT: 17.51 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Instrument :
 BNA_M
 ClientSampleId :
 M-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.0	10.9	16.3

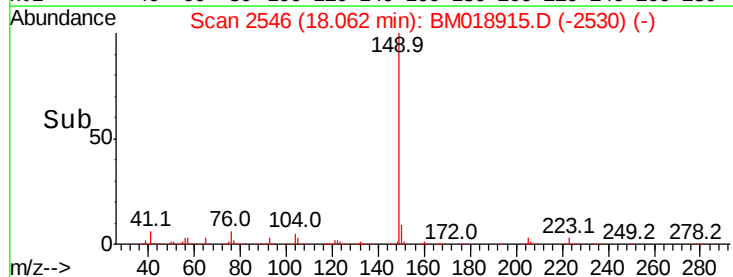
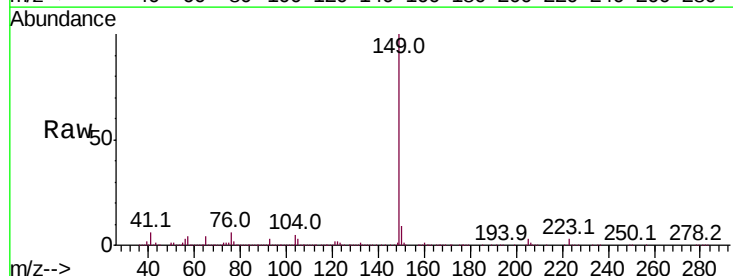
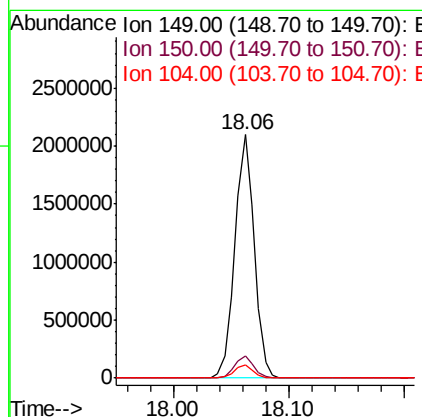
Manual Integrations
 APPROVED

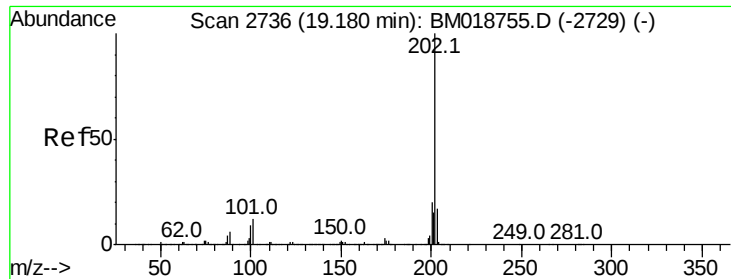
Sohil
 2/26/2019 12:06:04 PM



#74
 Di-n-butylphthalate
 Concen: 44.075 ng
 RT: 18.06 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BM018915.D
 Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 45.515 ng

RT: 19.16 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

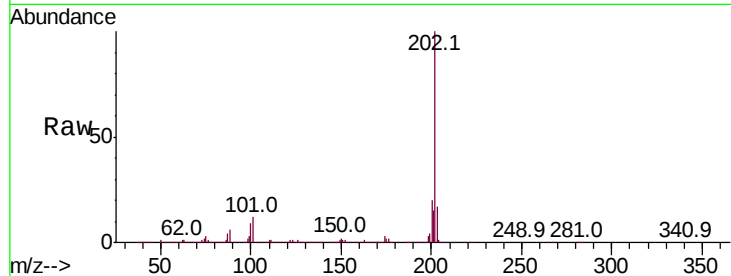
ClientSampled :

M-1MSD

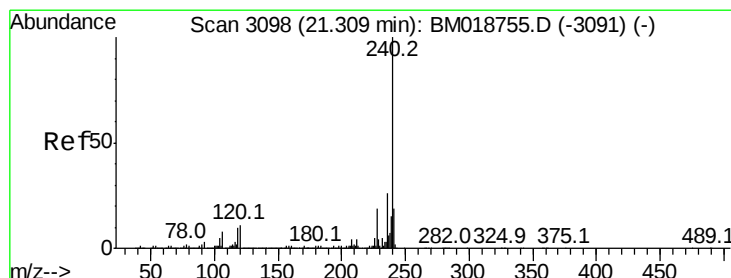
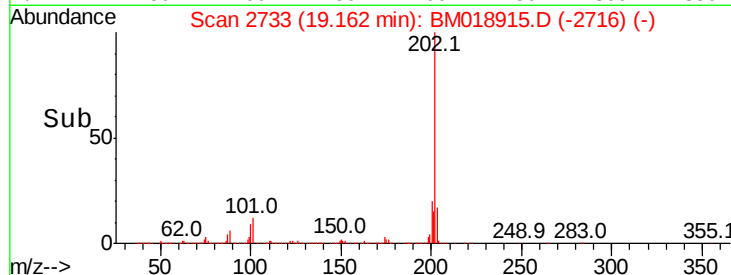
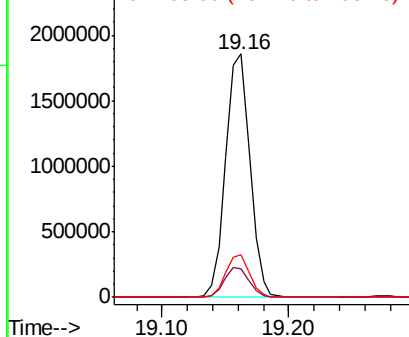
Tot Ion:	202	Resp:	2462734
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.5
203	17.4	0.0	37.3

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3095

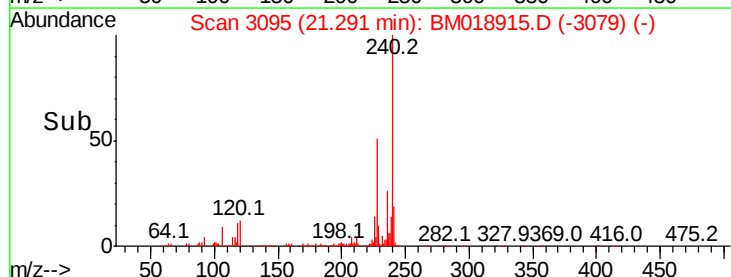
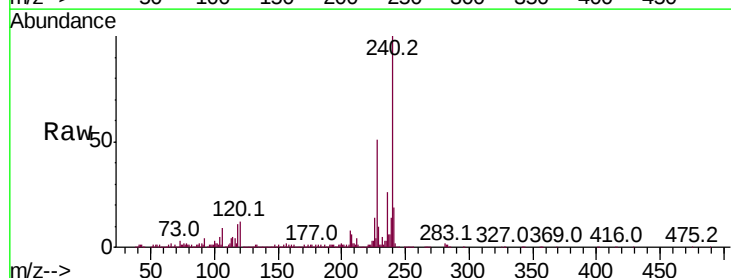
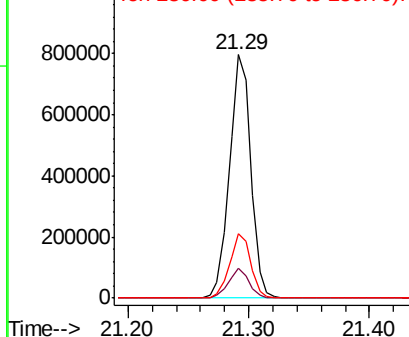
Delta R.T. -0.01 min

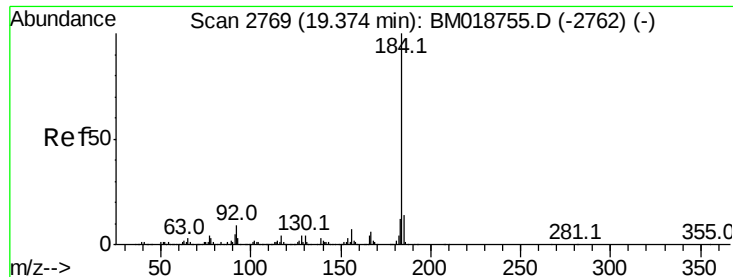
Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:	240	Resp:	978292
Ion Ratio	Lower	Upper	
240	100		
120	12.4	8.9	13.3
236	26.4	20.9	31.3

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 83.972 ng

RT: 19.36 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

Tot Ion:184 Resp: 1850113

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

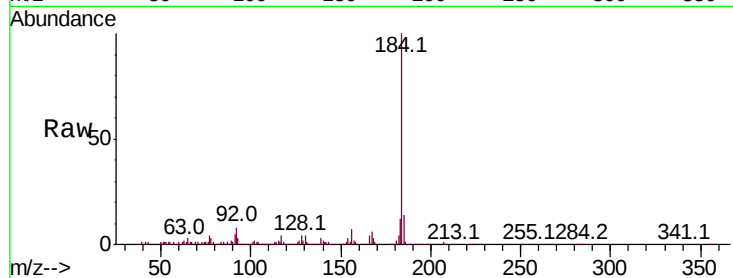
183 12.2 9.7 14.5

Manual Integrations

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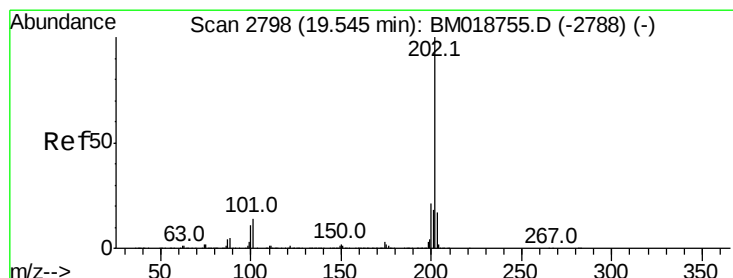
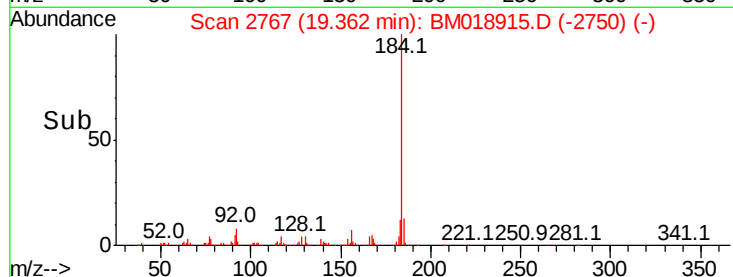
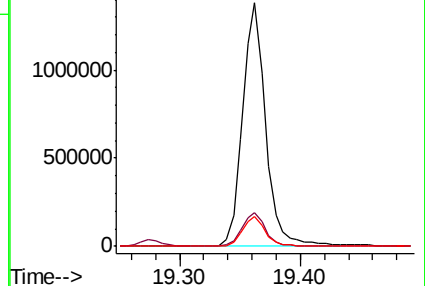
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.407 ng

RT: 19.53 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

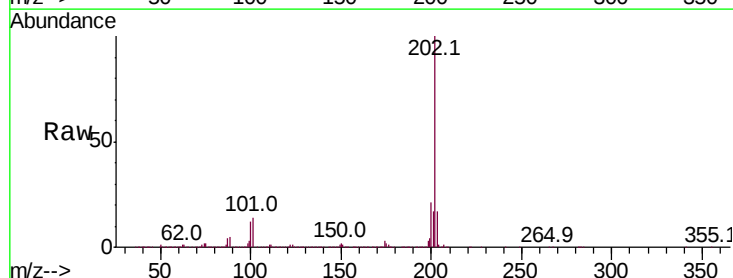
Tgt Ion:202 Resp: 2523129

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

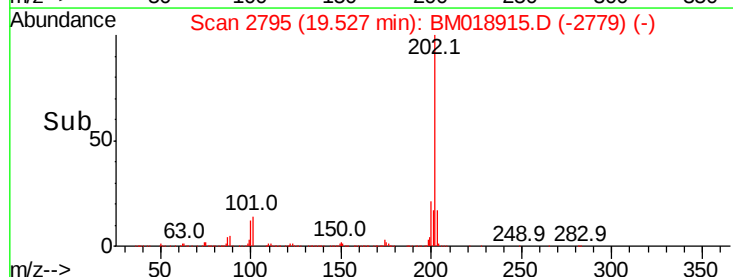
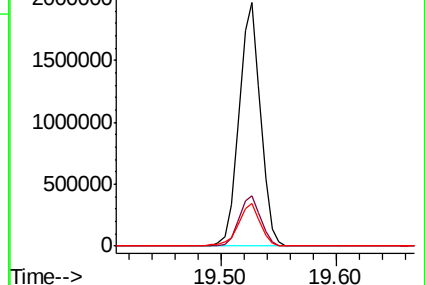
203 17.4 13.8 20.8

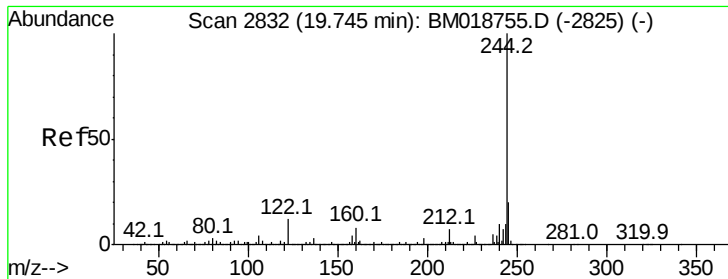


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.267 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

Tot Ion:244 Resp: 3521977

Ion Ratio Lower Upper

244 100

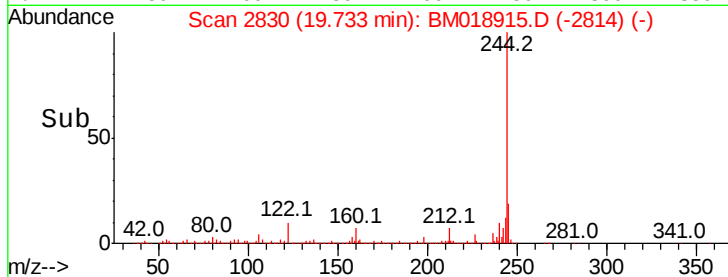
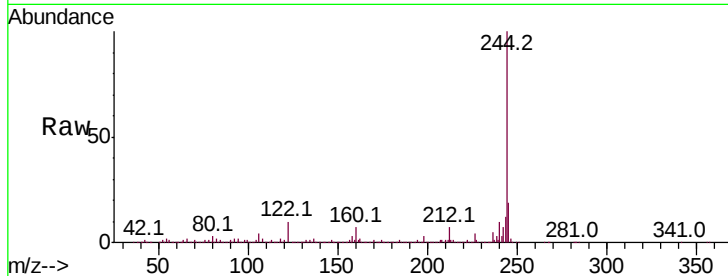
212 6.7 5.6 8.4

122 10.3 9.3 13.9

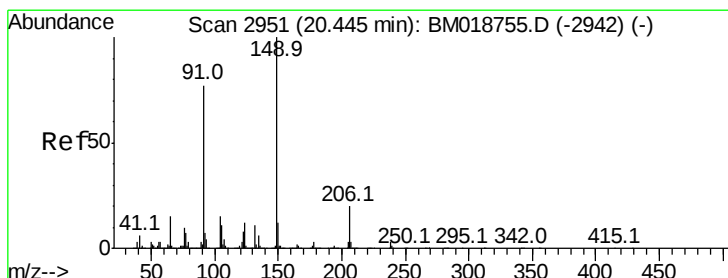
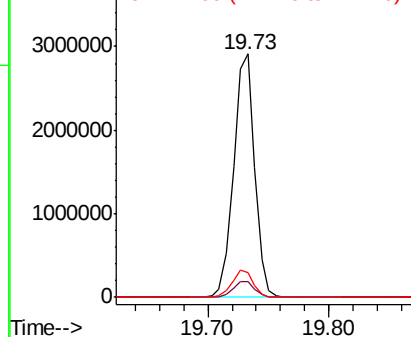
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.334 ng

RT: 20.43 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

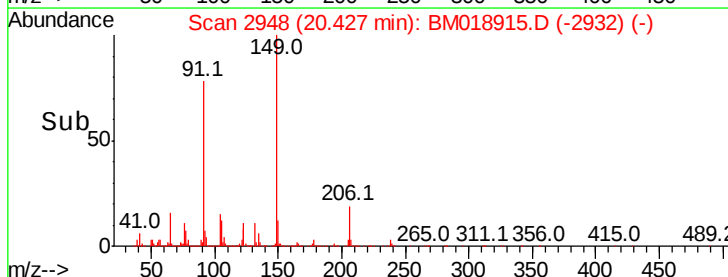
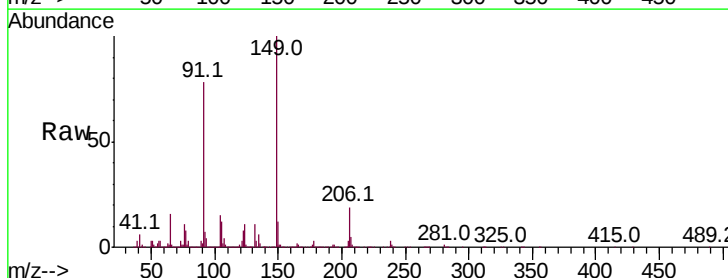
Tgt Ion:149 Resp: 1173902

Ion Ratio Lower Upper

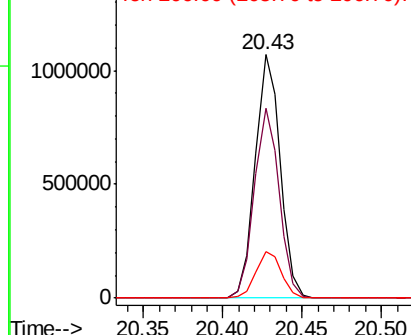
149 100

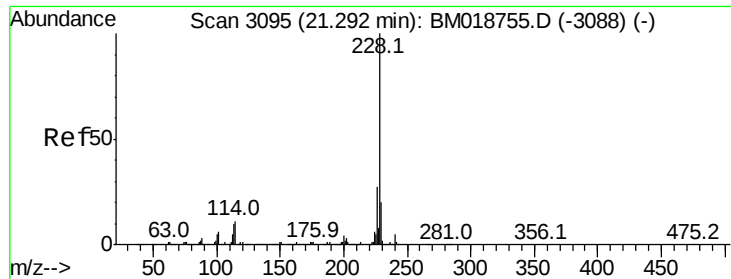
91 77.8 61.4 92.0

206 19.0 15.8 23.8



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





#81

Benzo(a)anthracene

Concen: 44.926 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

Tot Ion:228 Resp: 2561992

Ion Ratio Lower Upper

228 100

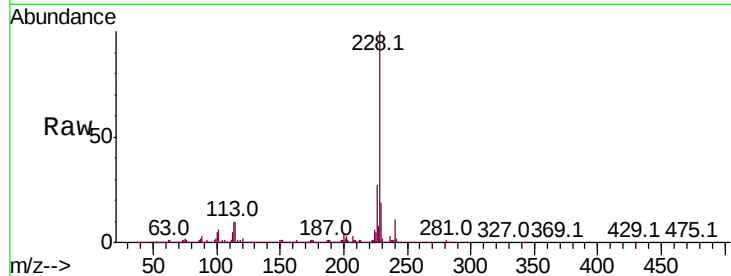
226 27.1 21.9 32.9

229 19.4 15.9 23.9

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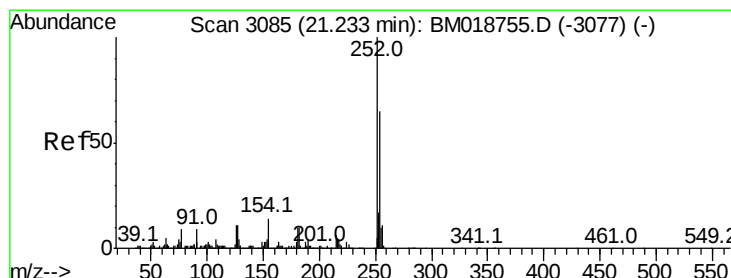
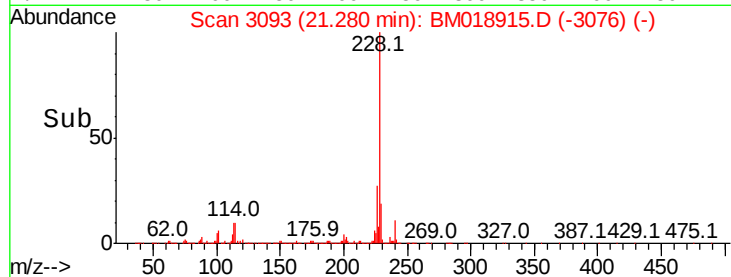
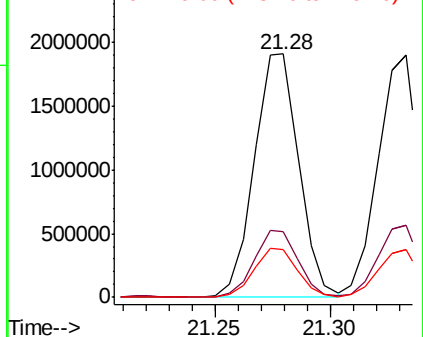


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.684 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

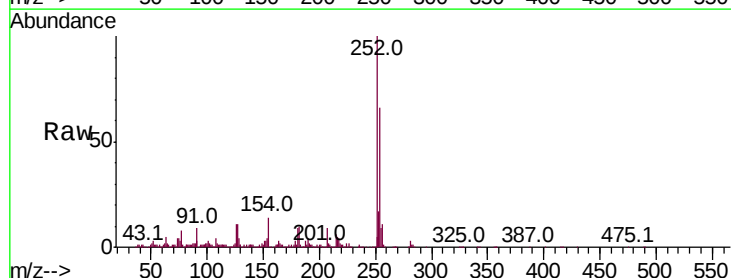
Tgt Ion:252 Resp: 849313

Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.8

126 11.0 9.1 13.7

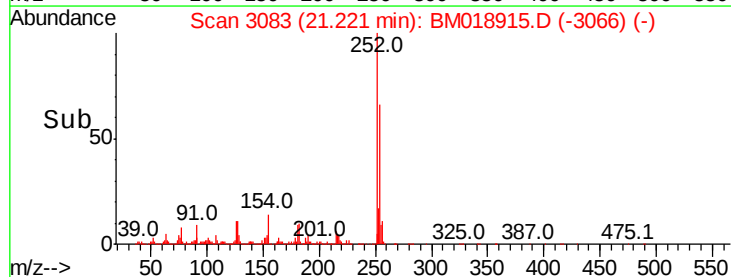
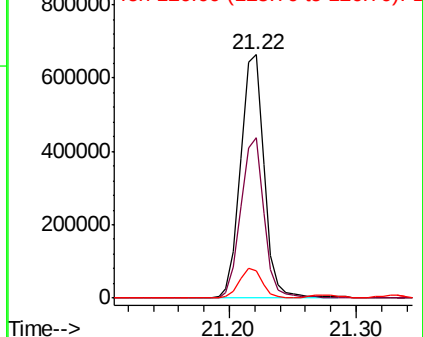


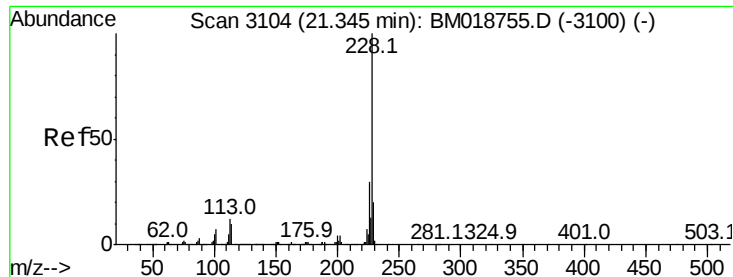
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.773 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

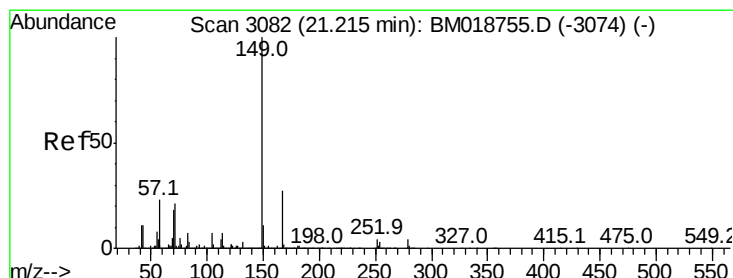
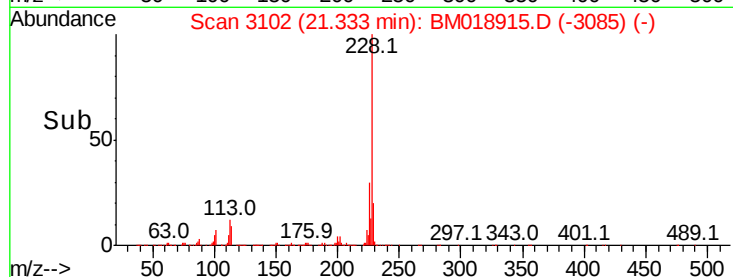
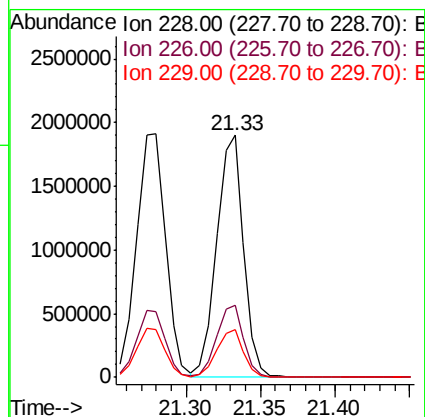
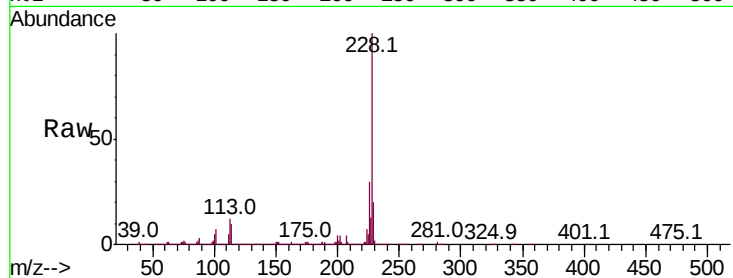
ClientSampled :

M-1MSD

Tot Ion:	228	Resp:	2392609
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.7	16.0	24.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.631 ng

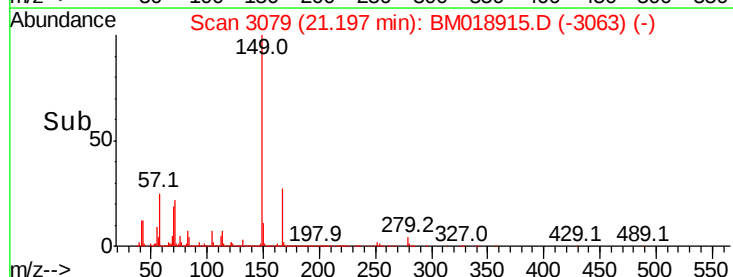
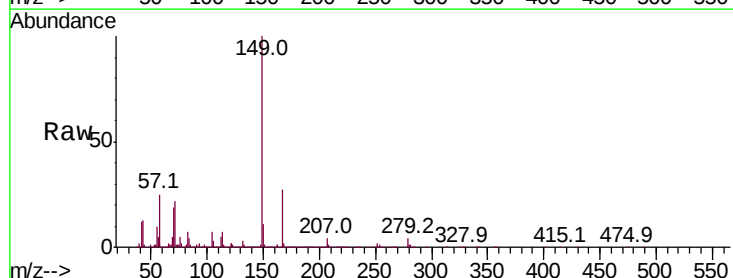
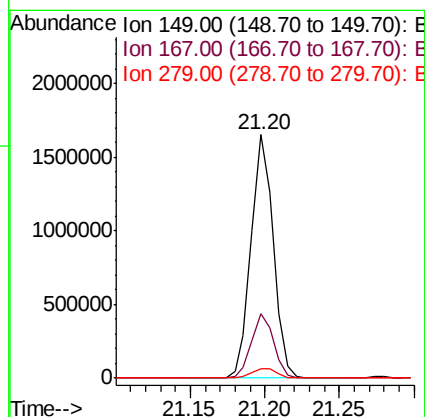
RT: 21.20 min Scan# 3079

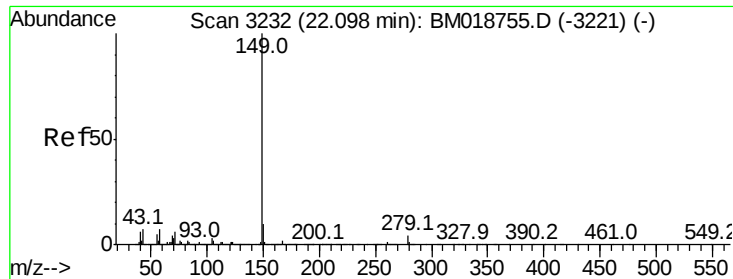
Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:	149	Resp:	1691484
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.6
279	4.0	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 46.460 ng

RT: 22.08 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

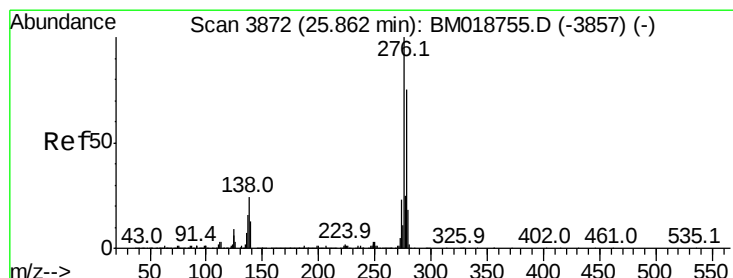
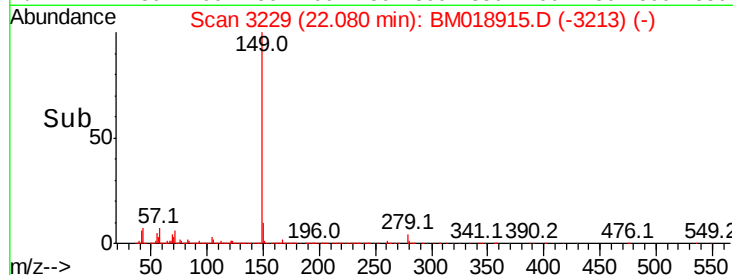
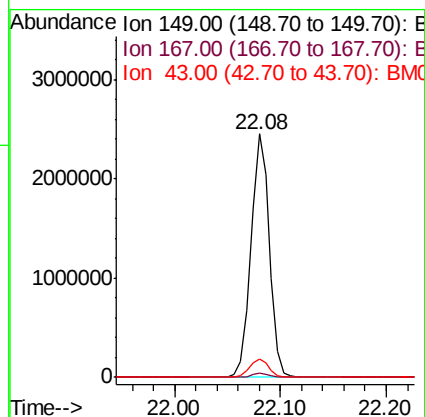
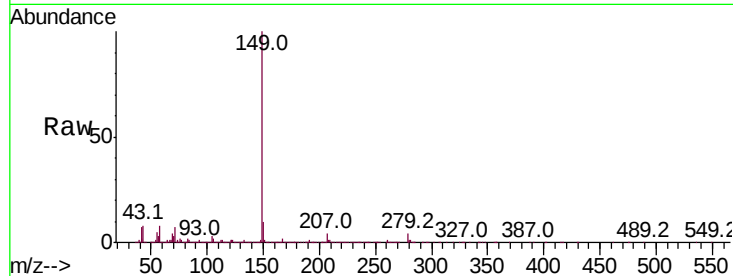
ClientSampleId :

M-1MSD

Tot Ion:	149	Resp:	2959396
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.7	6.0	9.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 51.610 ng

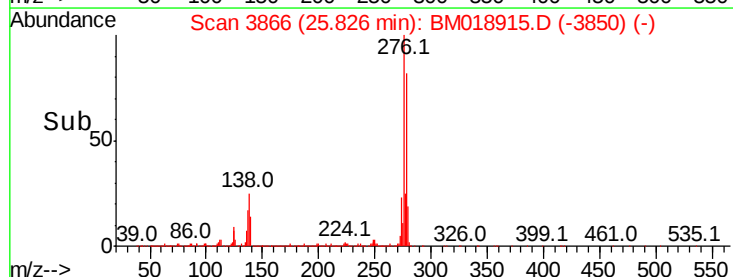
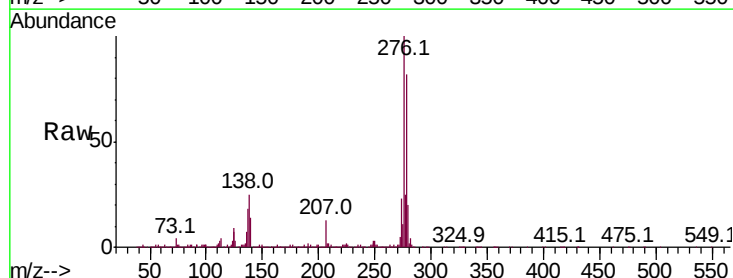
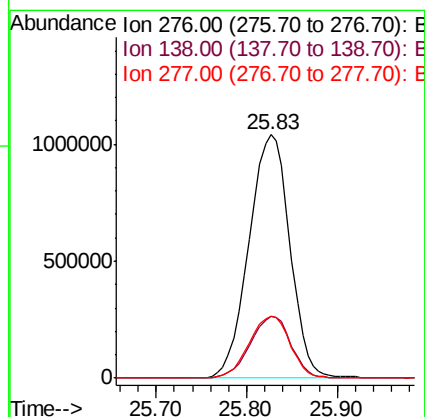
RT: 25.83 min Scan# 3866

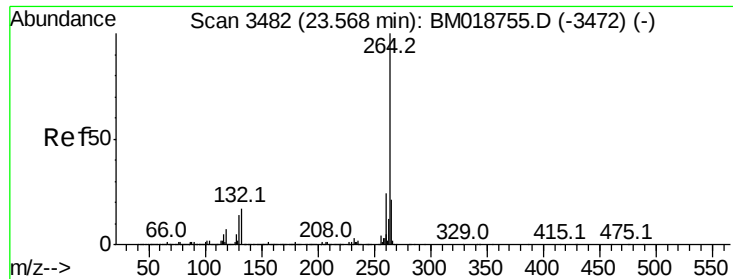
Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

Tgt Ion:	276	Resp:	3256913
Ion Ratio	Lower	Upper	
276	100		
138	25.2	20.2	30.4
277	25.4	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: BM018915.D

Acq: 25 Feb 2019 14:47

Instrument :

BNA_M

ClientSampleId :

M-1MSD

Tot Ion:264 Resp: 1049423

Ion Ratio Lower Upper

264 100

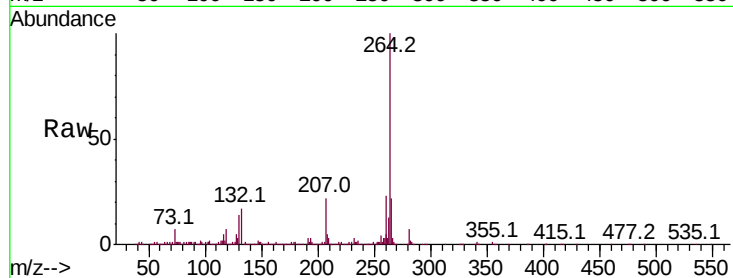
260 22.9 18.9 28.3

265 21.8 17.3 25.9

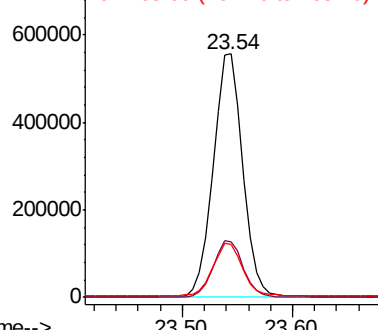
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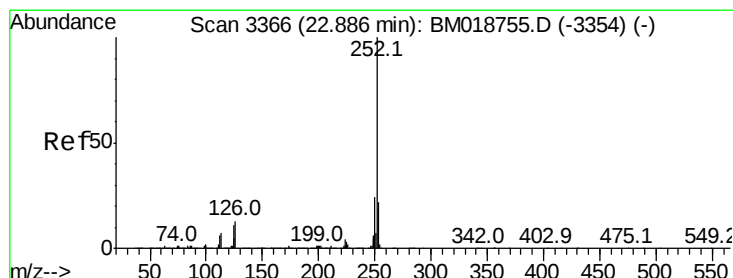
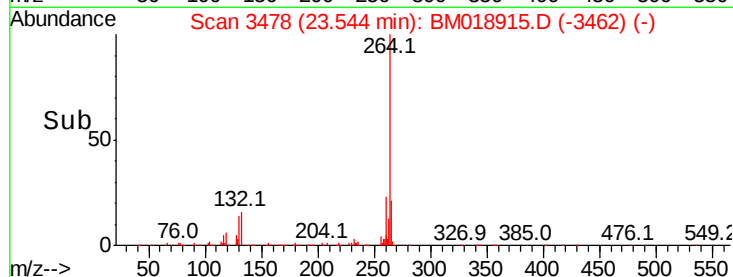
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 44.277 ng

RT: 22.86 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BM018915.D

Acq: 25 Feb 2019 14:47

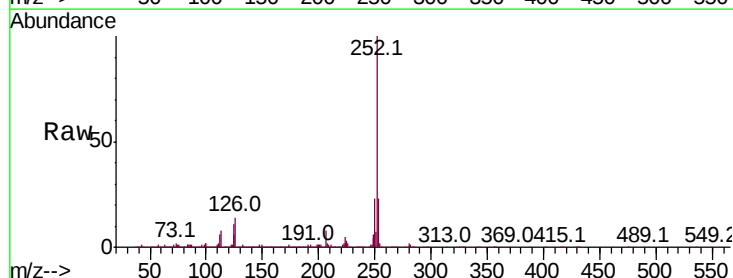
Tgt Ion:252 Resp: 2658460

Ion Ratio Lower Upper

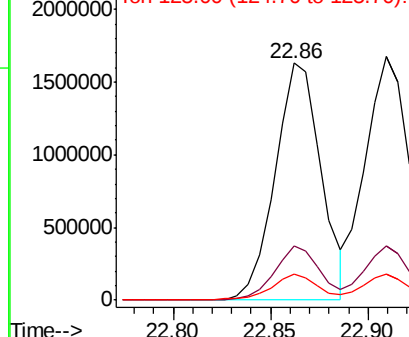
252 100

253 22.6 17.8 26.6

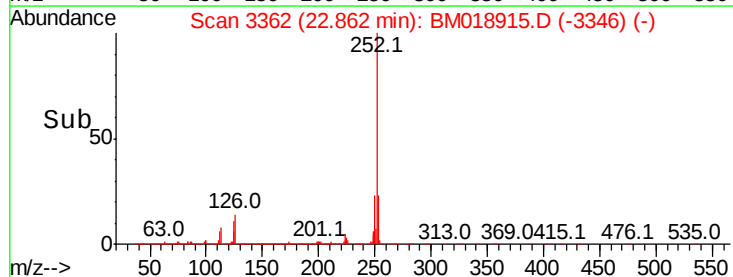
125 10.8 8.6 12.8

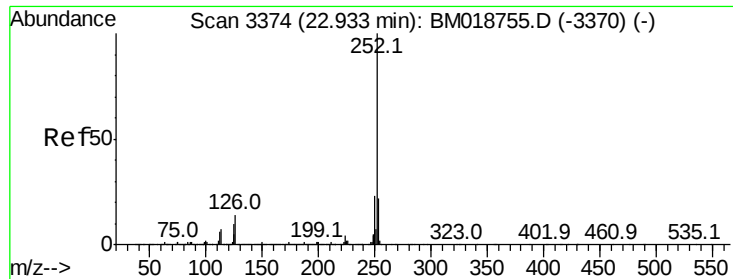


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





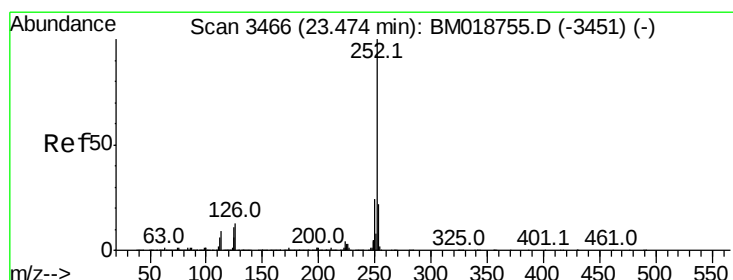
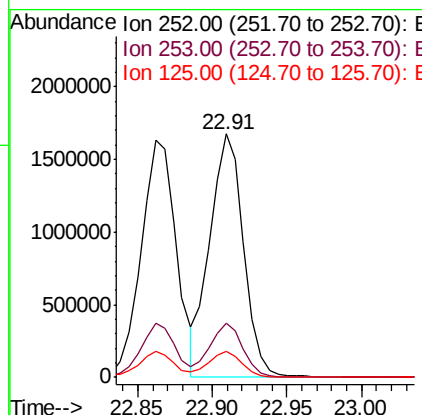
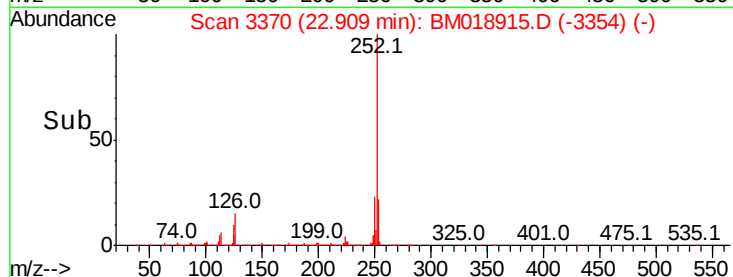
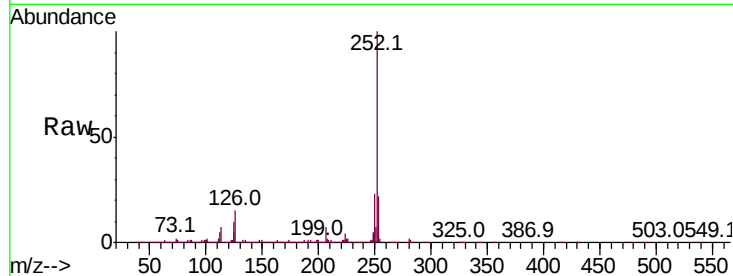
#89
Benzo(k)fluoranthene
Concen: 43.893 ng
RT: 22.91 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.4	8.2	12.4

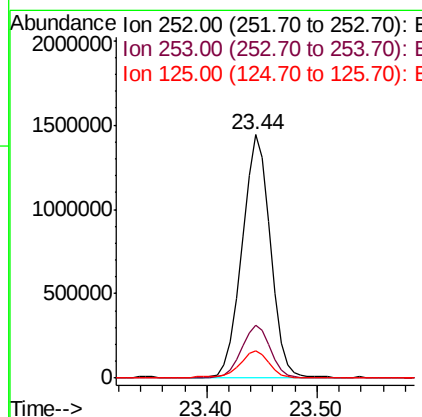
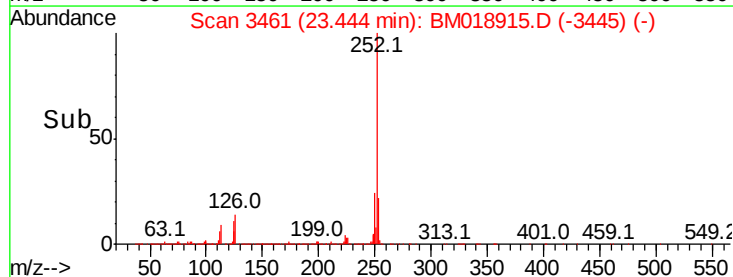
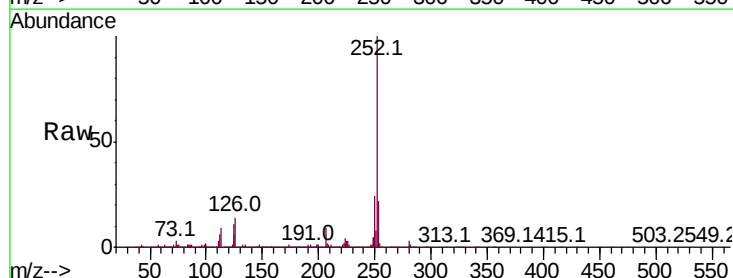
Manual Integrations
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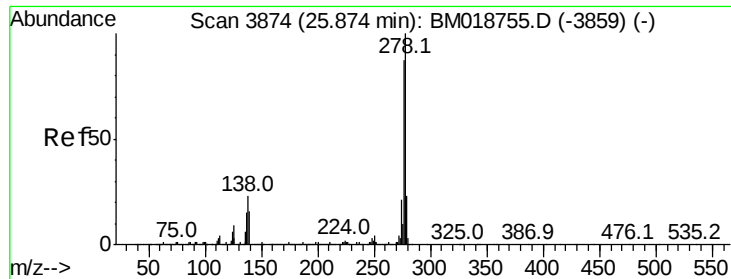
Sohil
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#90
Benzo(a)pyrene
Concen: 45.717 ng
RT: 23.44 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.3	8.6	13.0





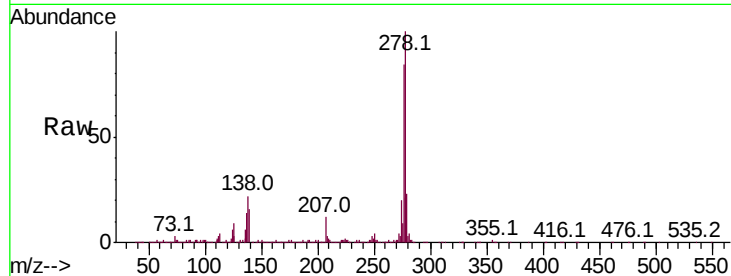
#91
Dibenzo(a,h)anthracene
Concen: 48.956 ng
RT: 25.84 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Instrument :
BNA_M
ClientSampled :
M-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	18.8
279	23.4	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/26/2019 12:06:04 PM

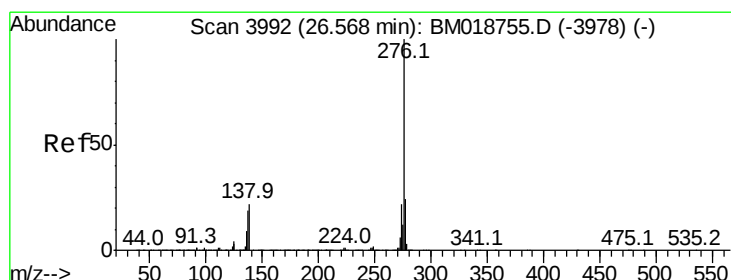
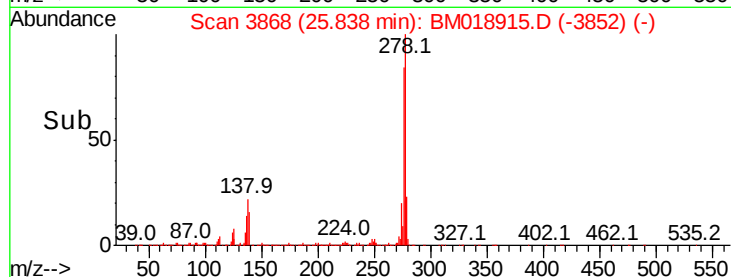
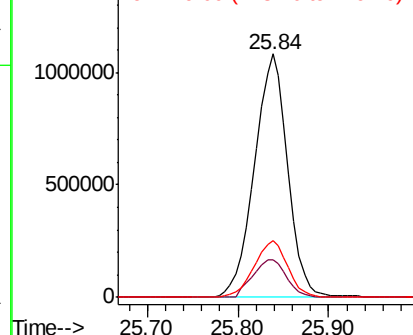


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.013 ng
RT: 26.53 min Scan# 3985
Delta R.T. -0.01 min
Lab File: BM018915.D
Acq: 25 Feb 2019 14:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	22.2	17.3	25.9

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

