

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
 Data File : BM018882.D
 Acq On : 20 Feb 2019 13:52
 Operator : JU/SJ
 Sample : PB117236BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117236BS

Manual Integrations
 APPROVED

Sohil
 2/21/2019 10:08:45 AM

Quant Time: Feb 20 16:22:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	264902	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1140443	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	674490	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1518400	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1593235	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1323541	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2640528	163.32	ng	0.00
7) Phenol-d6	6.88	99	3682314	161.67	ng	0.00
23) Nitrobenzene-d5	8.87	82	1954640	79.25	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1478780	152.10	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3923002	77.21	ng	-0.01
79) Terphenyl-d14	19.74	244	6999351	90.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	247781	35.187	ng	99
3) Pyridine	3.64	79	711311	37.032	ng	98
4) n-Nitrosodimethylamine	3.56	42	237763	48.658	ng	93
6) Aniline	7.05	93	880663	31.558	ng	99
8) 2-Chlorophenol	7.27	128	817331	46.045	ng	96
9) Benzaldehyde	6.86	77	306911	21.488	ng	98
10) Phenol	6.91	94	1126887	47.022	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	758405	41.486	ng	98
12) 1,3-Dichlorobenzene	7.59	146	790202	39.590	ng	99
13) 1,4-Dichlorobenzene	7.73	146	815244	40.121	ng	100
14) 1,2-Dichlorobenzene	8.05	146	788817	40.414	ng	98
15) Benzyl Alcohol	7.95	79	797650	44.075	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	743067	41.997	ng	98
17) 2-Methylphenol	8.15	107	712437	46.708	ng	99
18) Hexachloroethane	8.76	117	300197	40.471	ng	98
19) n-Nitroso-di-n-propylamine	8.51	70	727885	41.275	ng	99
20) 3+4-Methylphenols	8.48	107	974559	46.270	ng	100
22) Acetophenone	8.53	105	1215493	38.810	ng	# 99
24) Nitrobenzene	8.91	77	1051124	41.057	ng	99
25) Isophorone	9.43	82	1833178	46.581	ng	99
26) 2-Nitrophenol	9.62	139	430408	42.216	ng	98
27) 2,4-Dimethylphenol	9.67	122	744721	50.011	ng	99
28) bis(2-Chloroethoxy)methane	9.91	93	1076417	42.297	ng	100
29) 2,4-Dichlorophenol	10.14	162	768626	44.953	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	774532	39.224	ng	98
31) Naphthalene	10.54	128	2418876	43.489	ng	100
32) Benzoic acid	9.83	122	519496	39.993	ng	96
33) 4-Chloroaniline	10.67	127	468012	18.824	ng	99
34) Hexachlorobutadiene	10.80	225	419007	36.557	ng	99
35) Caprolactam	11.48	113	263137m	37.709	ng	
36) 4-Chloro-3-methylphenol	11.79	107	901036	43.707	ng	99
37) 2-Methylnaphthalene	12.16	142	1778132	45.407	ng	99
38) 1-Methylnaphthalene	12.38	142	1684364	43.985	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	832649	38.591	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	863718	78.297	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	613702	42.966	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	656981	43.883	ng	98
46) 1,1'-Biphenyl	13.18	154	2287456	39.399	ng	100
47) 2-Chloronaphthalene	13.22	162	1777902	39.647	ng	99
48) 2-Nitroaniline	13.45	65	651599	43.751	ng	99
49) Acenaphthylene	14.07	152	2926029	43.821	ng	100
50) Dimethylphthalate	13.82	163	2297198	40.867	ng	100
51) 2,6-Dinitrotoluene	13.95	165	511307	41.991	ng	99
52) Acenaphthene	14.42	154	1665266	40.672	ng	100
53) 3-Nitroaniline	14.28	138	371396	26.994	ng	96
54) 2,4-Dinitrophenol	14.49	184	491225	64.760	ng	99
55) Dibenzofuran	14.75	168	2745542	40.797	ng	99
56) 4-Nitrophenol	14.59	139	878679	80.003	ng	99
57) 2,4-Dinitrotoluene	14.73	165	731165	43.581	ng	99
58) Fluorene	15.40	166	2246418	43.633	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	582140	43.991	ng	98
60) Diethylphthalate	15.19	149	2375696	40.971	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1107640	38.372	ng	99
62) 4-Nitroaniline	15.45	138	502344	37.243	ng	99
63) Azobenzene	15.69	77	2598368	41.793	ng	100
65) 4,6-Dinitro-2-methylphenol	15.49	198	365781	34.311	ng	97
66) n-Nitrosodiphenylamine	15.62	169	1959545	40.847	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	664173	39.078	ng	99
68) Hexachlorobenzene	16.40	284	771341	39.045	ng	98
69) Atrazine	16.58	200	681840	44.087	ng	99
70) Pentachlorophenol	16.75	266	982117	77.211	ng	99
71) Phenanthrene	17.15	178	3530721	43.268	ng	100
72) Anthracene	17.24	178	3545777	44.643	ng	99
73) Carbazole	17.52	167	3285475	39.594	ng	99
74) Di-n-butylphthalate	18.07	149	4109961	43.067	ng	100
75) Fluoranthene	19.17	202	4064459	43.120	ng	99
77) Benzidine	19.37	184	1585583	44.189	ng	99
78) Pyrene	19.53	202	4142329	44.766	ng	99
80) Butylbenzylphthalate	20.43	149	1965780	46.614	ng	97
81) Benzo(a)anthracene	21.29	228	4075026	43.878	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1093760	29.799	ng	99
83) Chrysene	21.34	228	3809017	42.790	ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	2837090	45.965	ng	100
85) Di-n-octyl phthalate	22.09	149	4964762	47.859	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	3926683	38.207	ng	99
88) Benzo(b)fluoranthene	22.87	252	4035934	53.297	ng	100
89) Benzo(k)fluoranthene	22.92	252	3720979	49.357	ng	100
90) Benzo(a)pyrene	23.46	252	3637189	50.703	ng	99
91) Dibenzo(a,h)anthracene	25.85	278	3377807	47.527	ng	99
92) Benzo(g,h,i)perylene	26.54	276	3071403	46.420	ng	99

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

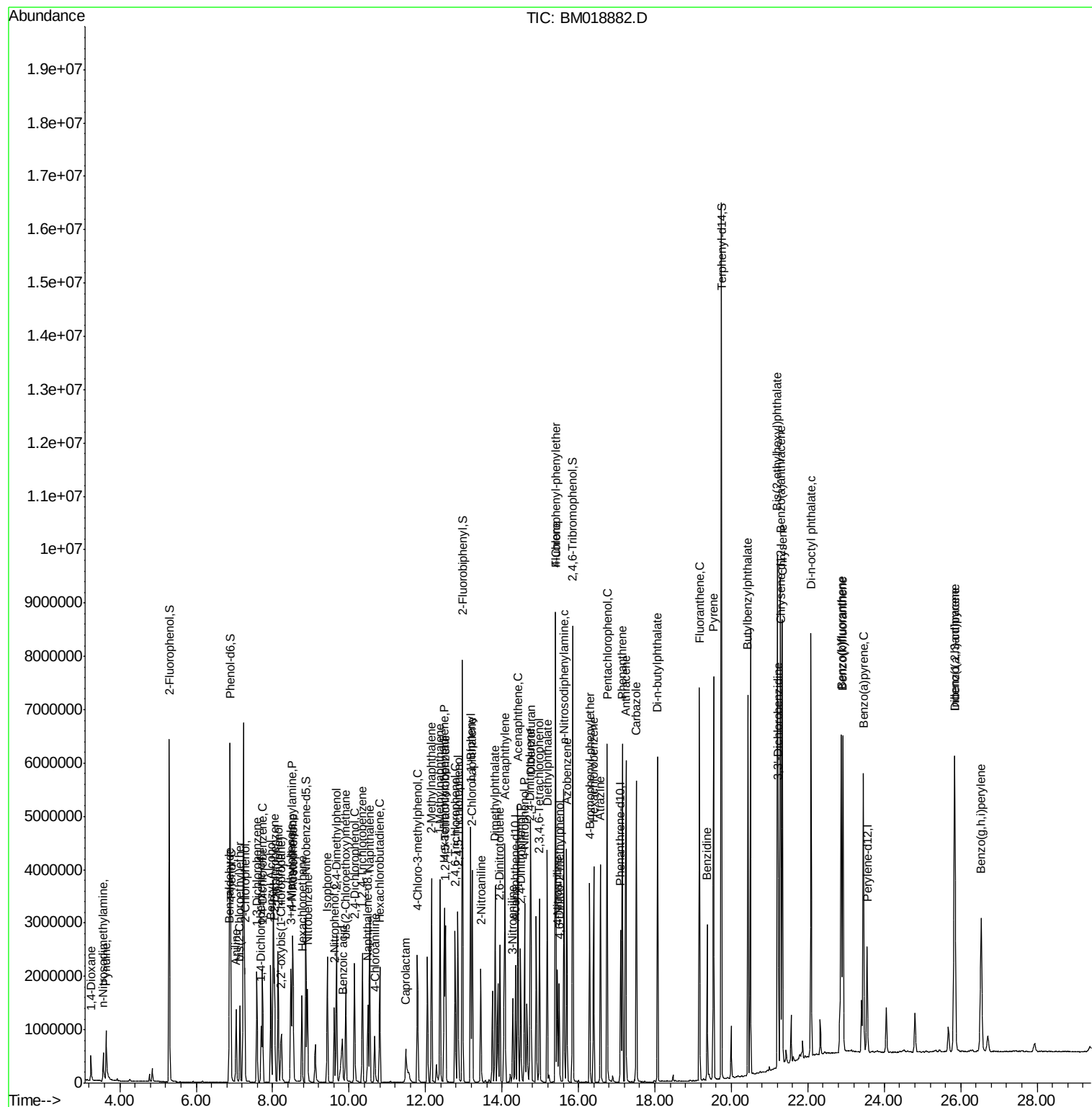
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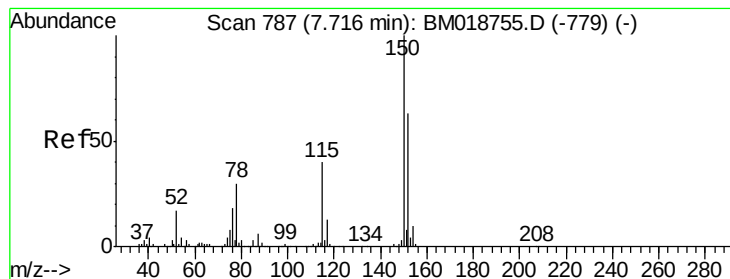
Instrument :
BNA_M
ClientSampleId :
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#1

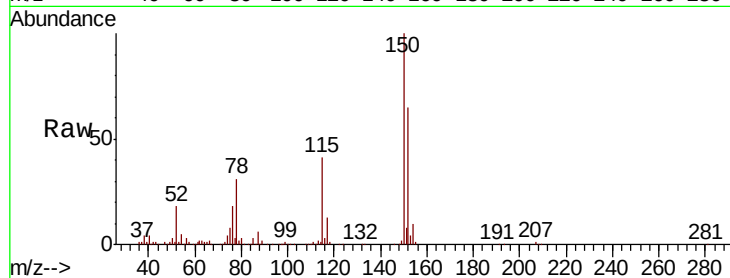
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.3	190.9
115	63.3	50.8	76.2

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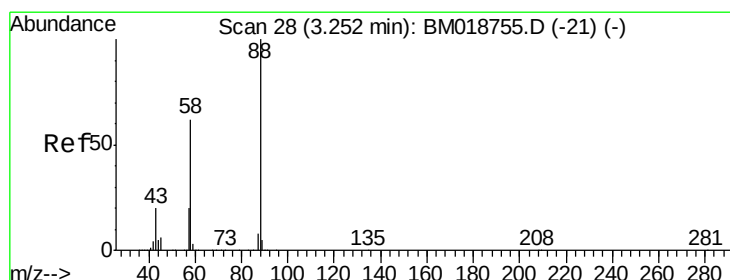
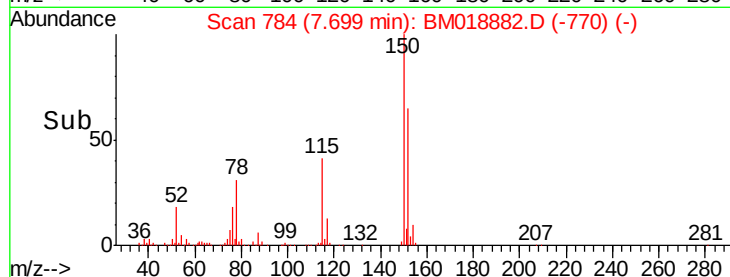
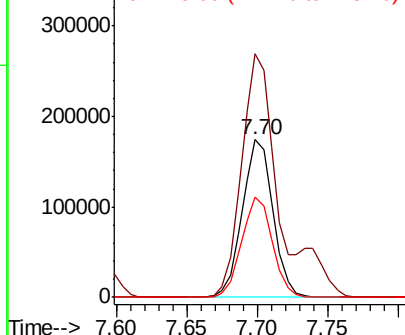


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

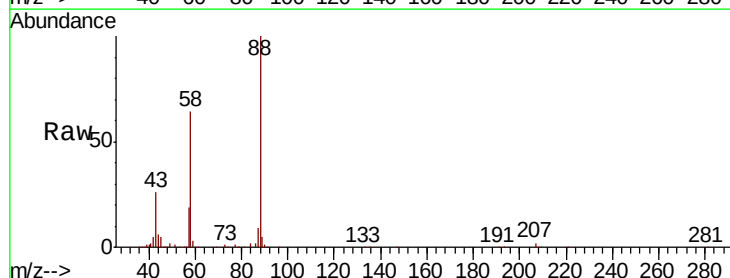
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.187 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	49.8	74.6
43	22.4	16.7	25.1

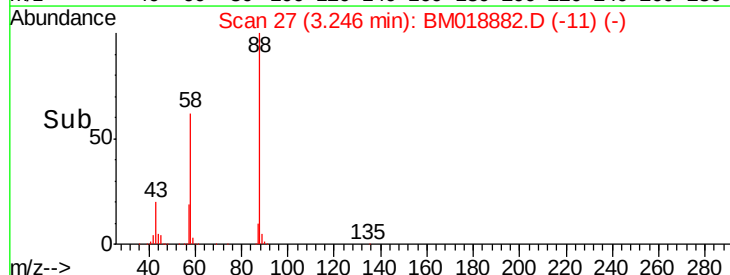
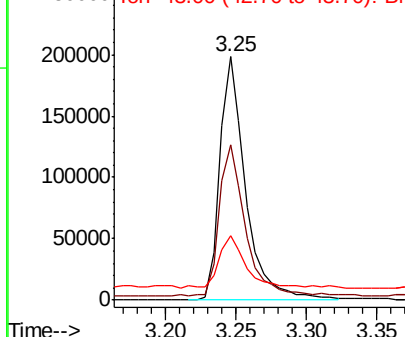


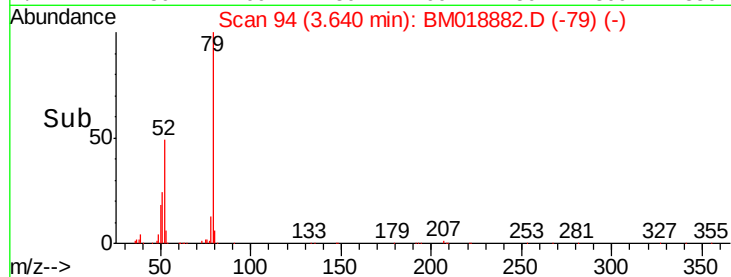
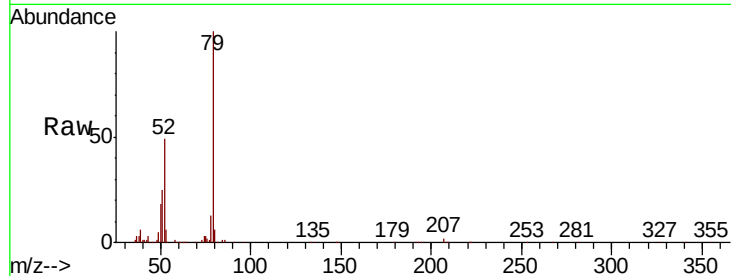
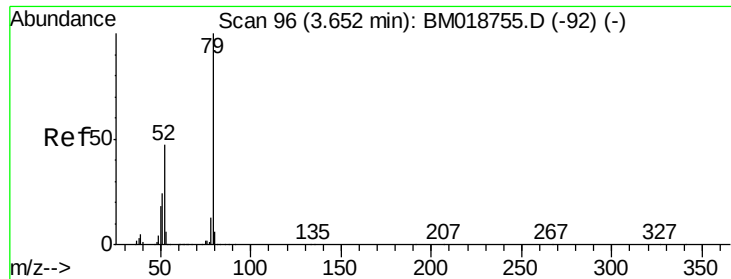
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





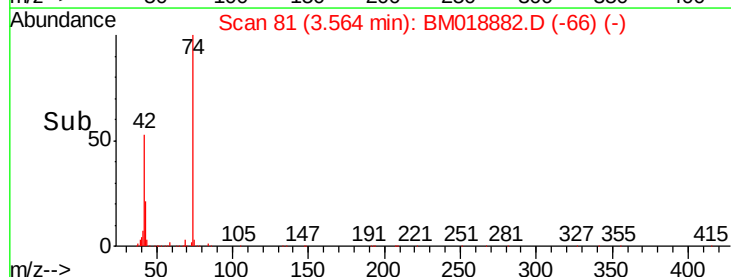
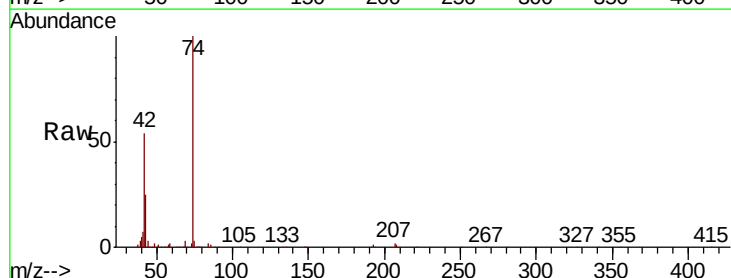
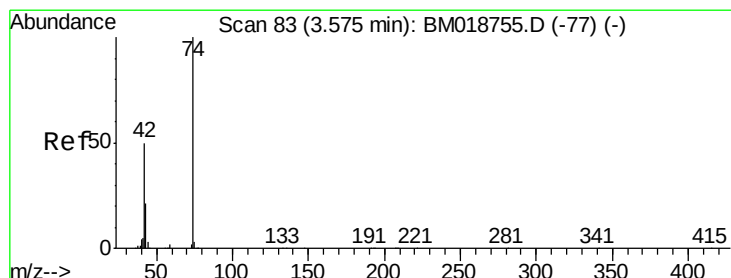
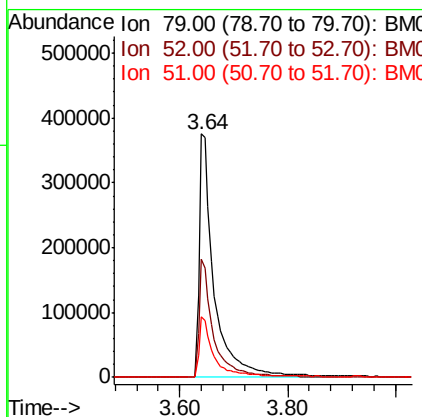
#3
 Pvridine
 Concen: 37.032 ng
 RT: 3.64 min Scan# 94
 Delta R.T. -0.01 min
 Lab File: BM018882.D
 Acq: 20 Feb 2019 13:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	48.6	37.6	56.4
51	24.7	19.7	29.5

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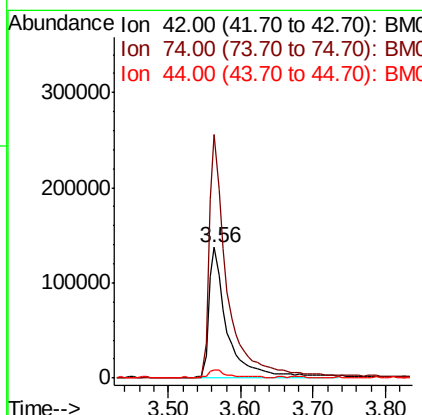
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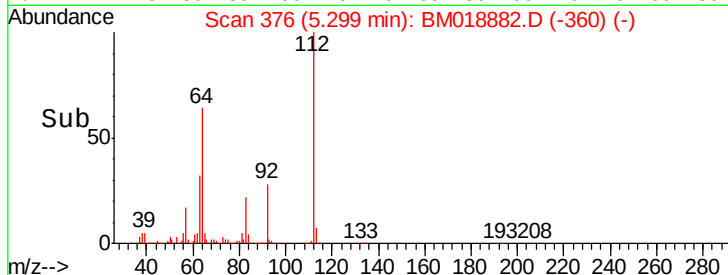
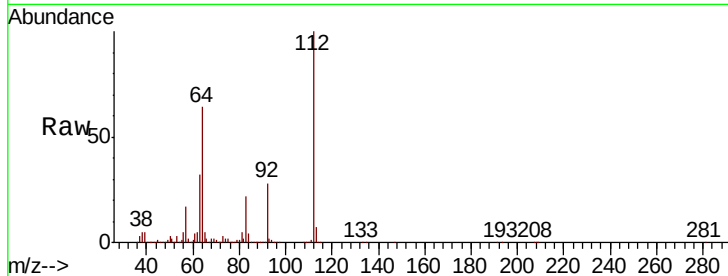
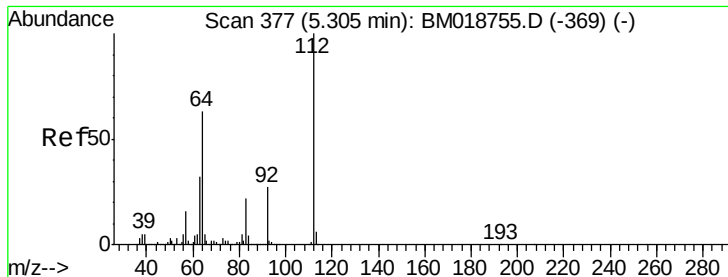
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#4
 n-Nitrosodimethylamine
 Concen: 48.658 ng
 RT: 3.56 min Scan# 81
 Delta R.T. -0.01 min
 Lab File: BM018882.D
 Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	186.4	158.1	237.1
44	6.5	4.9	7.3





#5

2-Fluorophenol

Concen: 163.322 ng

RT: 5.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Tot Ion:	112	Resp:	2640528
Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.6	75.8
63	32.4	25.7	38.5

Instrument :

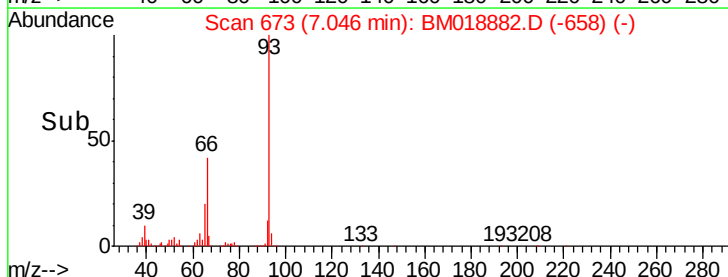
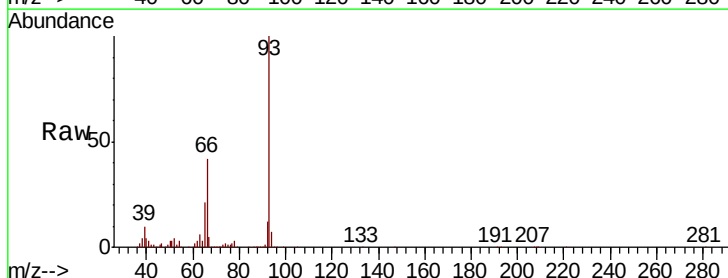
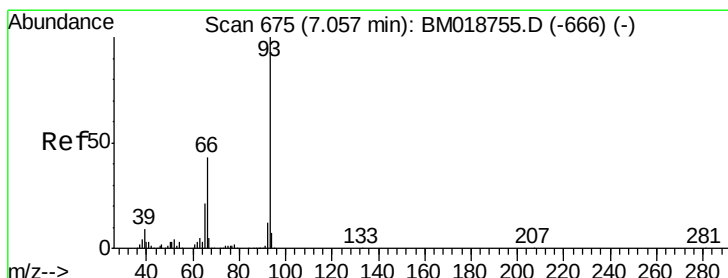
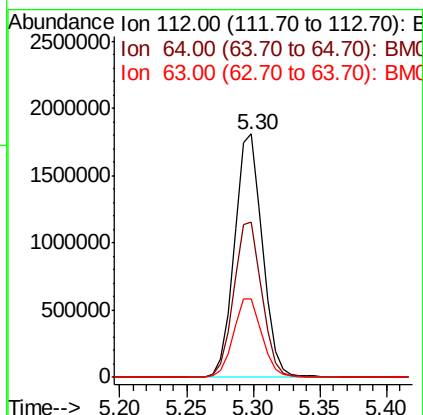
BNA_M

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PB117236BS

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#6

Aniline

Concen: 31.558 ng

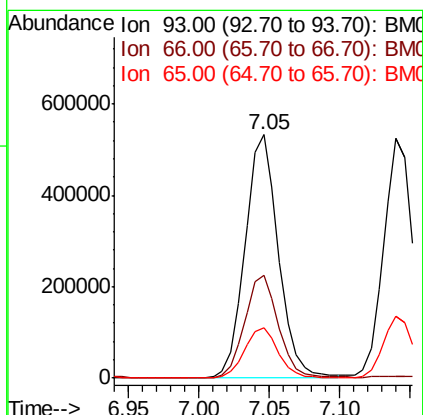
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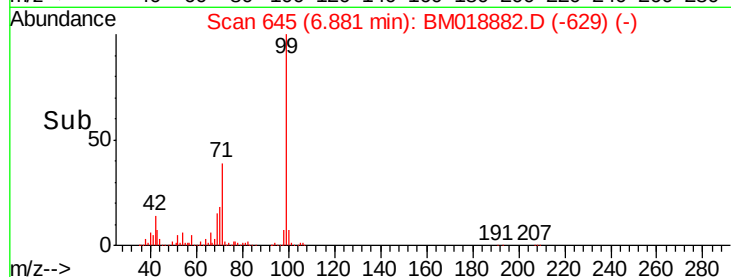
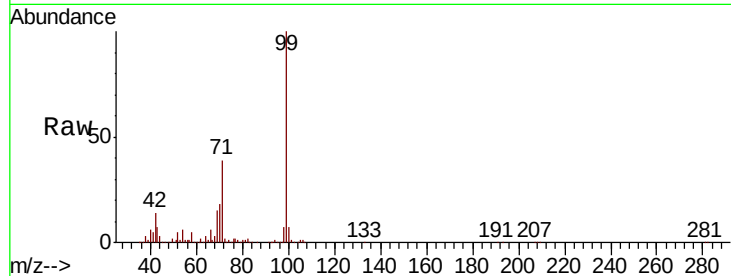
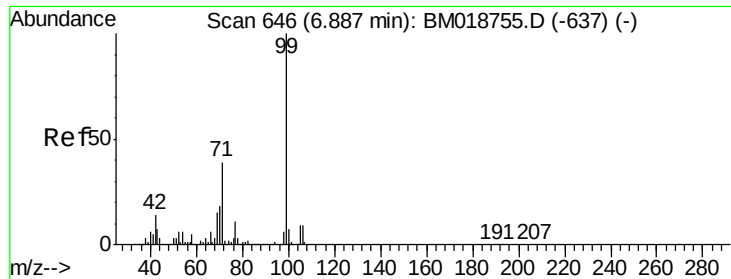
Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Tgt Ion:	93	Resp:	880663
Ion	Ratio	Lower	Upper
93	100		
66	42.1	34.1	51.1
65	20.7	16.6	24.8





#7

Phenol-d6

Concen: 161.674 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Tot Ion:	99	Resp:	3682314
Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	38.9	31.3	46.9

Instrument :

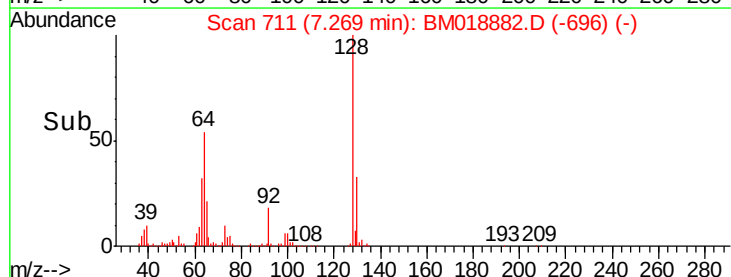
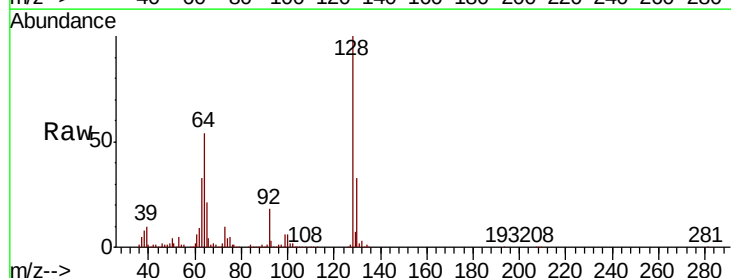
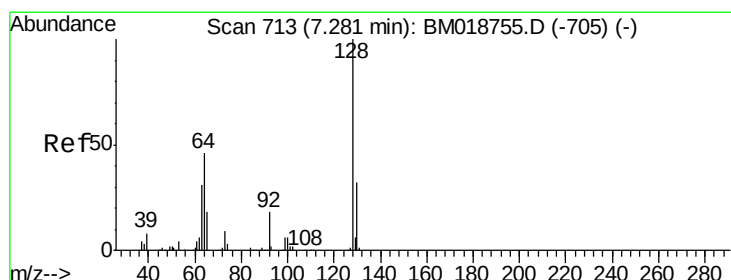
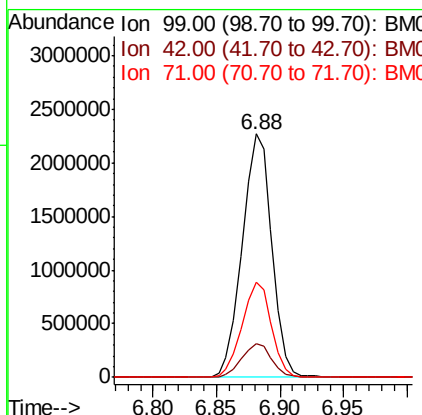
BNA_M

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#8

2-Chlorophenol

Concen: 46.045 ng

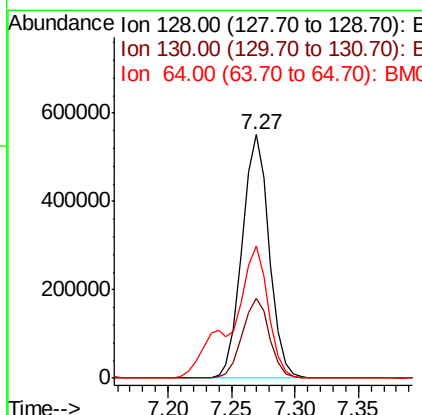
RT: 7.27 min Scan# 711

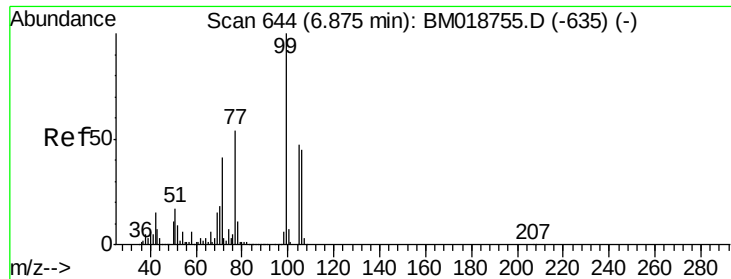
Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Tgt Ion:	128	Resp:	817331
Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.7	51.7
64	54.3	31.0	71.0





#9

Benzaldehyde

Concen: 21.488 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.02 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

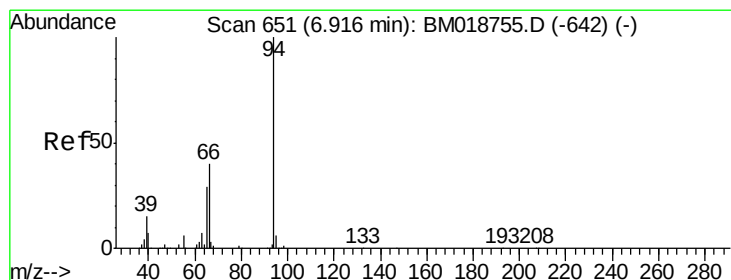
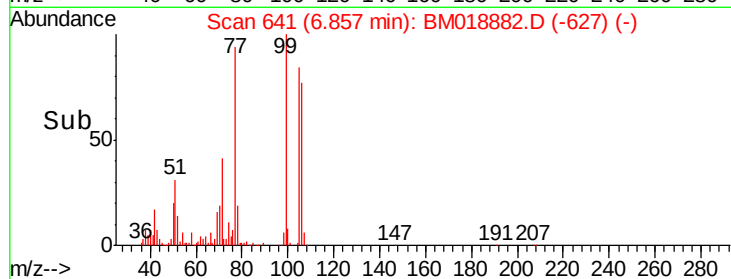
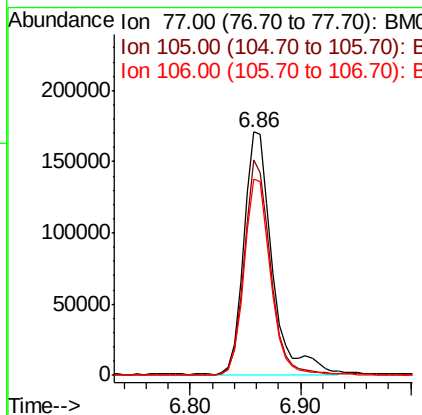
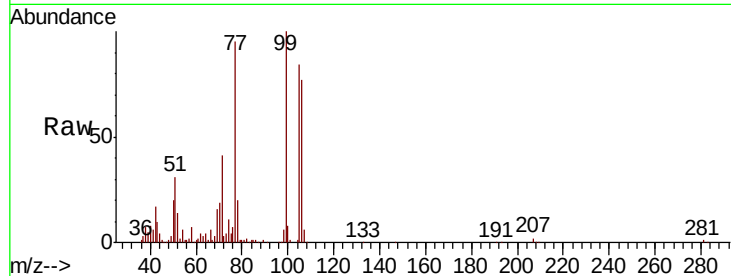
ClientSampleId :

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Tot Ion:	77	Resp:	306911
Ion	Ratio	Lower	Upper
77	100		
105	88.5	67.3	107.3
106	80.8	62.9	102.9

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#10

Phenol

Concen: 47.022 ng

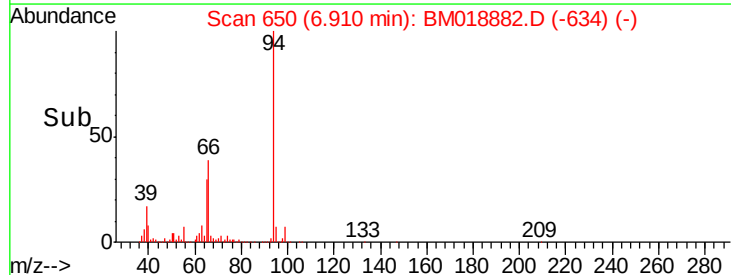
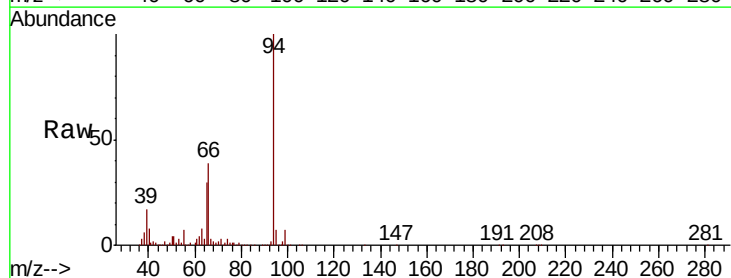
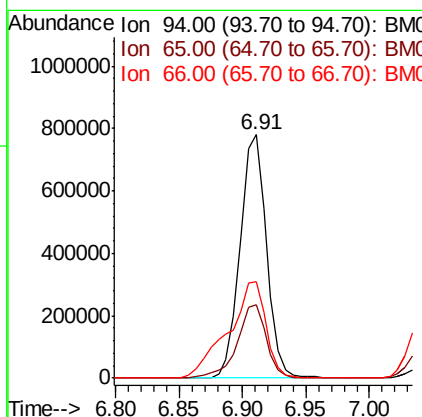
RT: 6.91 min Scan# 650

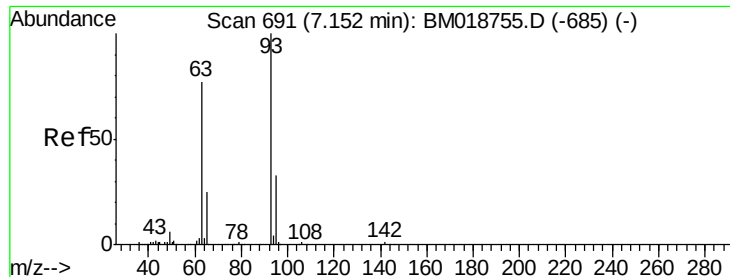
Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Tgt Ion:	94	Resp:	1126887
Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.6	49.6
66	39.5	20.4	60.4





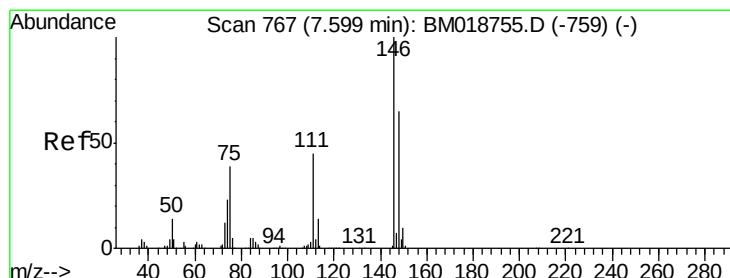
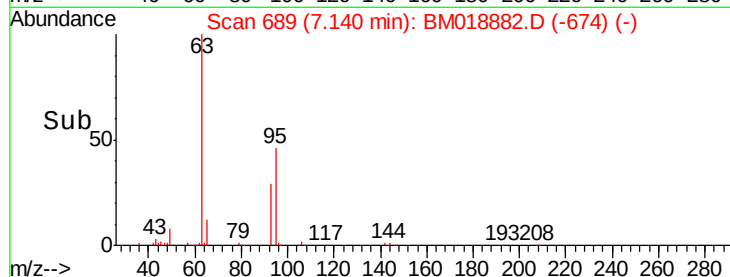
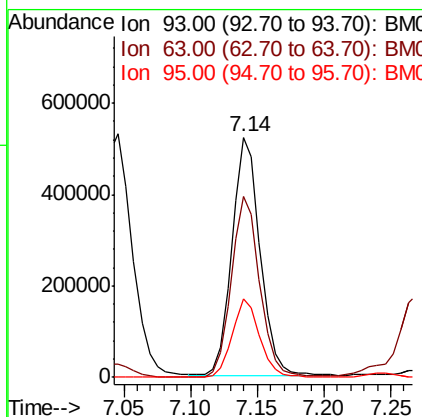
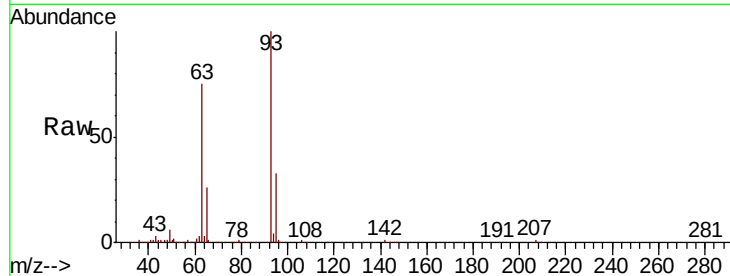
#11
bis(2-Chloroethyl)ether
Concen: 41.486 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	57.0	97.0
95	32.7	12.4	52.4

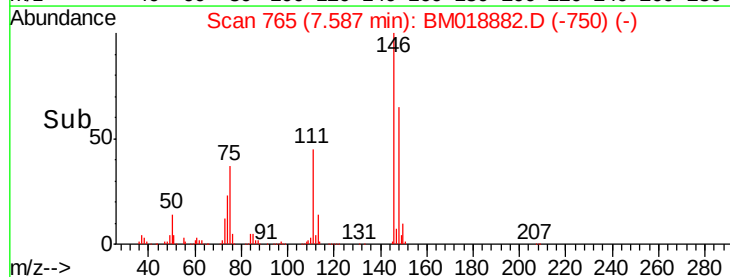
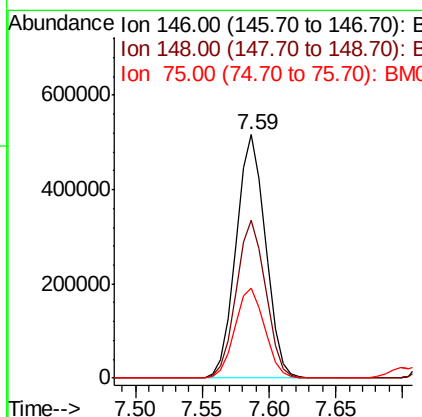
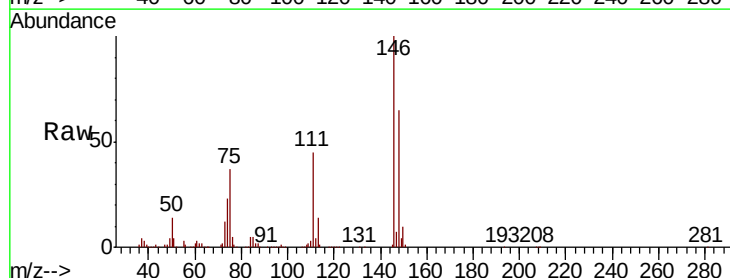
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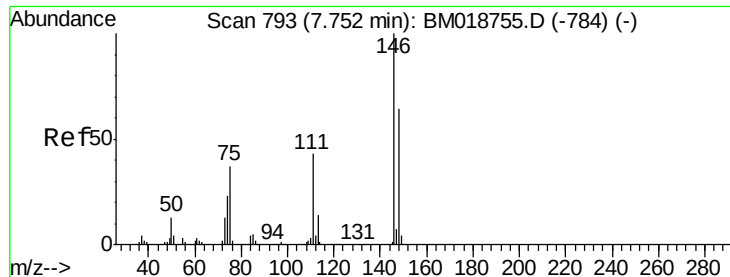
Sohil
2/21/2019 10:08:45 AM



#12
1,3-Dichlorobenzene
Concen: 39.590 ng
RT: 7.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.7	77.5
75	37.1	31.3	46.9





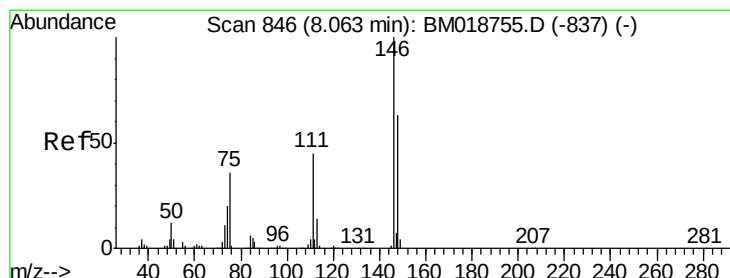
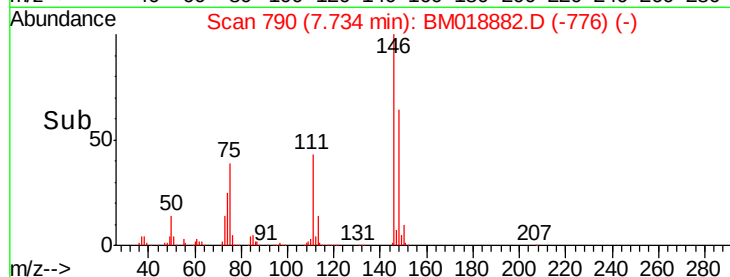
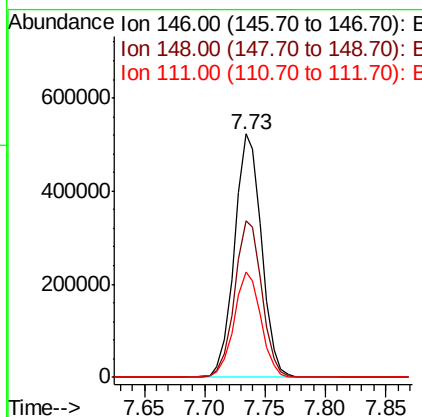
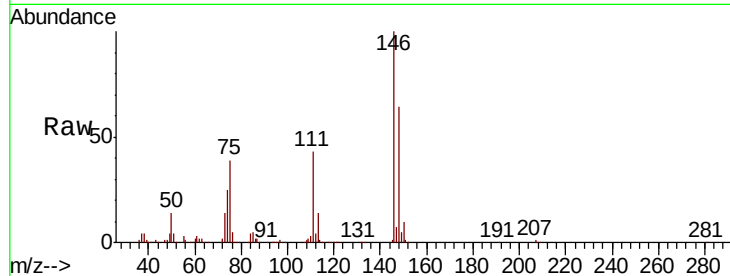
#13
1,4-Dichlorobenzene
Concen: 40.121 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	43.2	34.6	52.0

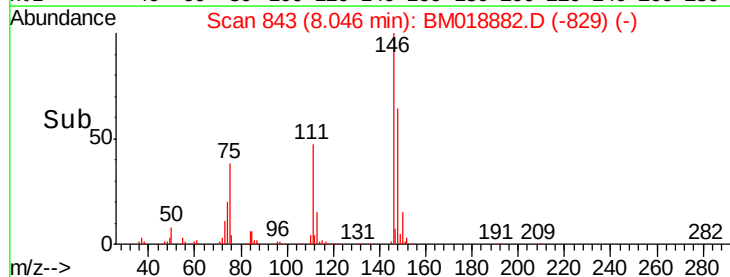
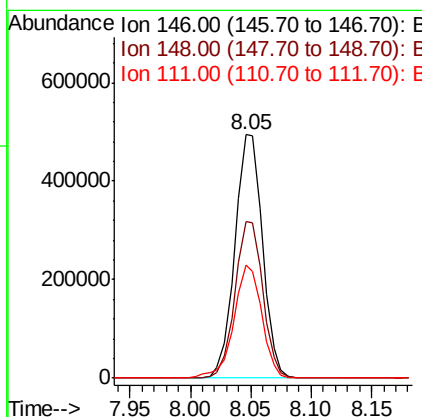
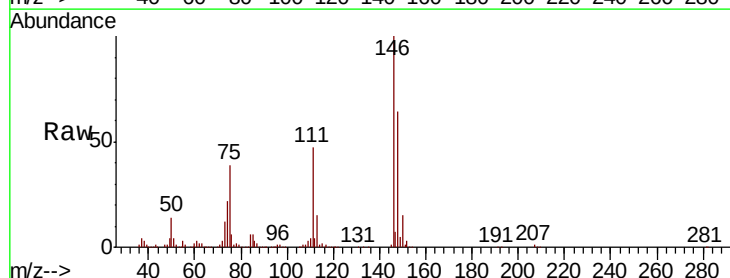
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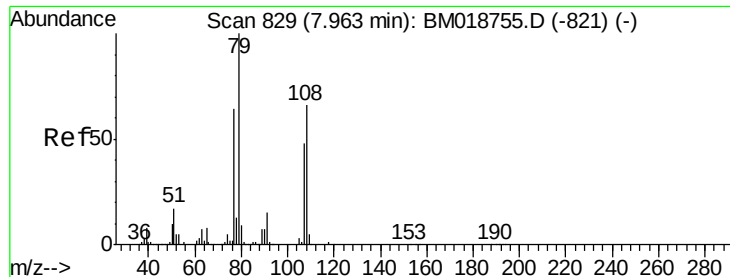
Sohil
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#14
1,2-Dichlorobenzene
Concen: 40.414 ng
RT: 8.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.7	76.1
111	46.6	35.9	53.9





#15

Benzyl Alcohol

Concen: 44.075 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

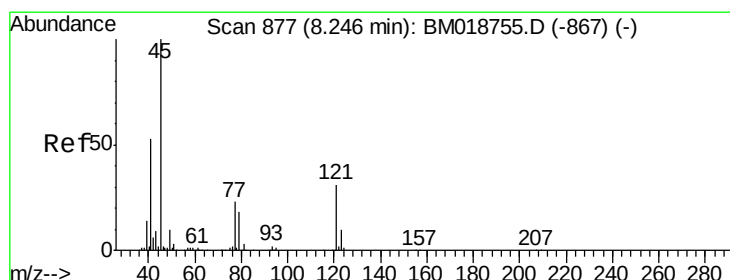
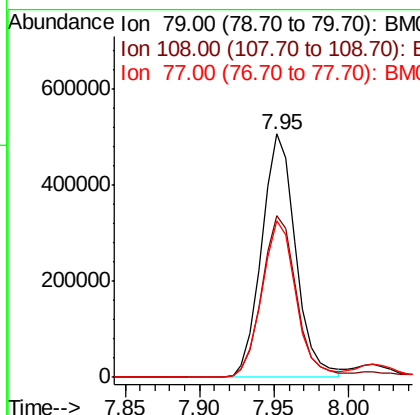
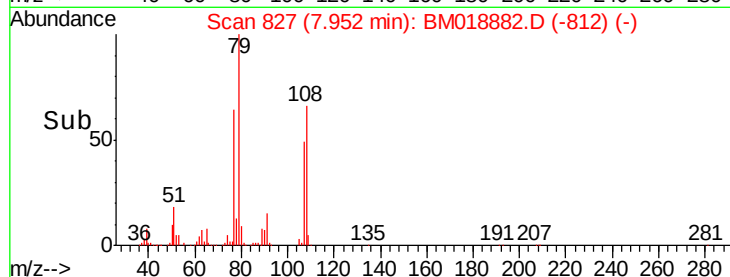
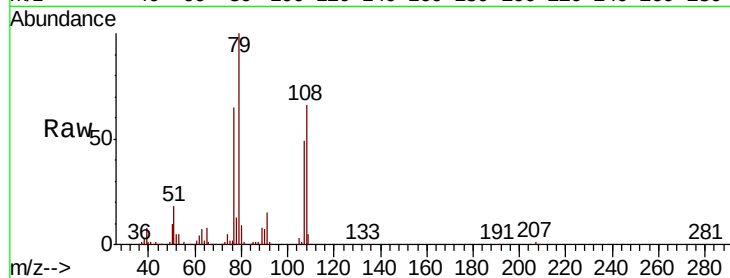
ClientSampleId :

PB117236BS

Tot Ion:	79	Resp:	797650
Ion	Ratio	Lower	Upper
79	100		
108	66.3	52.7	79.1
77	64.6	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.997 ng

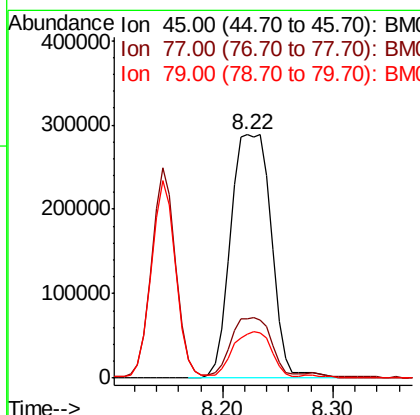
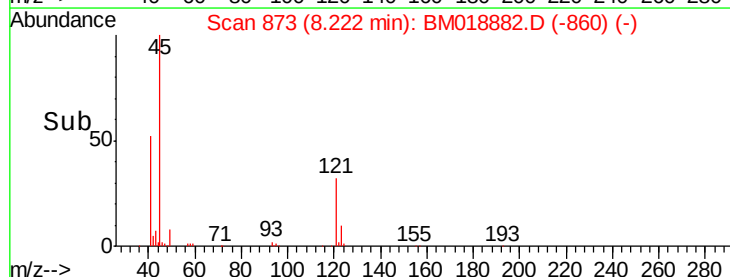
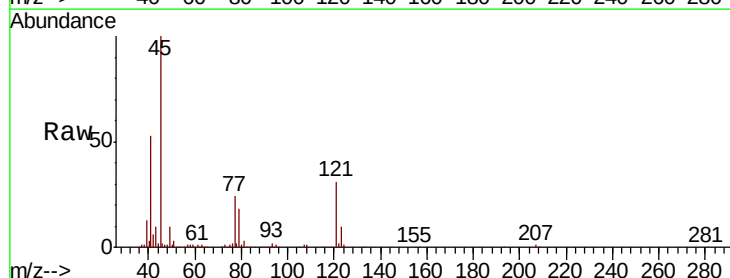
RT: 8.22 min Scan# 873

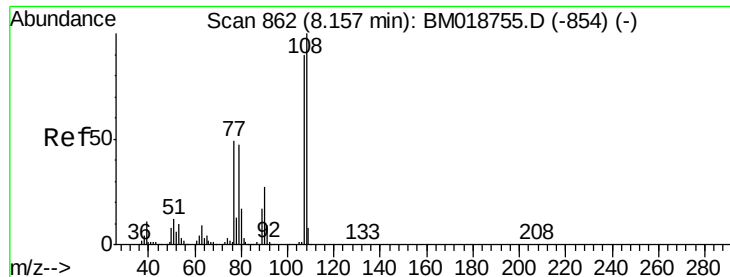
Delta R.T. -0.02 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Tgt Ion:	45	Resp:	743067
Ion	Ratio	Lower	Upper
45	100		
77	24.4	5.0	45.0
79	18.3	0.0	39.3





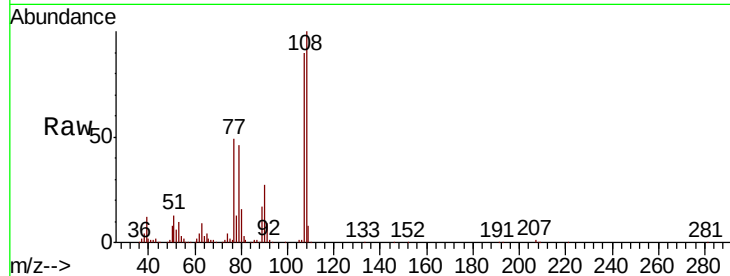
#17
2-Methylphenol
Concen: 46.708 ng
RT: 8.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	88.8	133.2	
77	54.4	44.0	66.0	
79	51.2	42.4	63.6	

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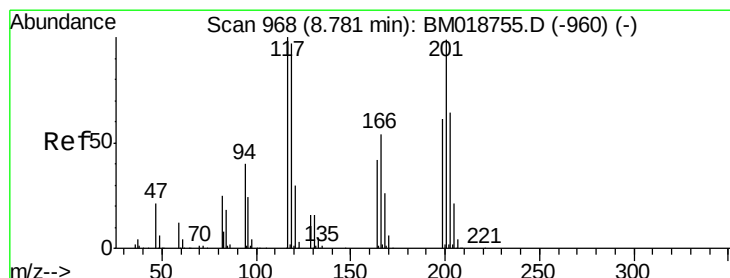
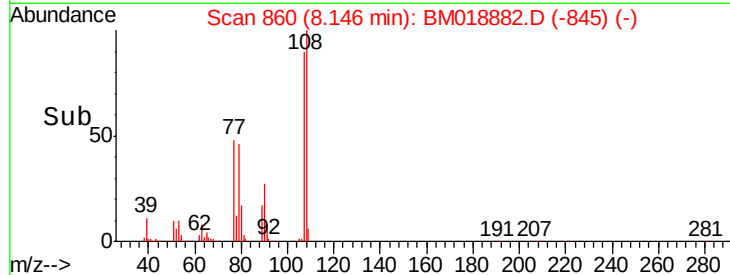
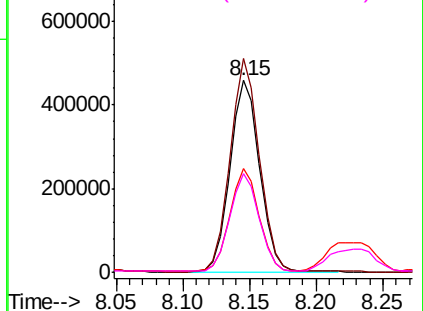
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

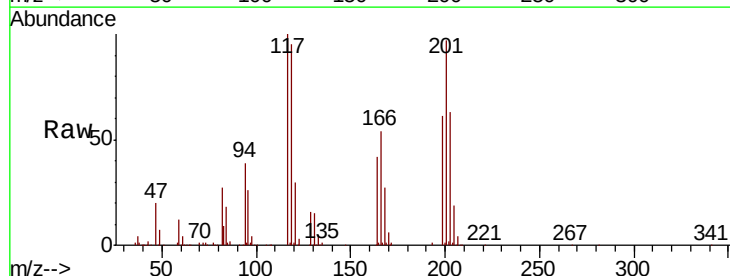
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 40.471 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	77.9	116.9	
201	97.3	79.2	118.8	

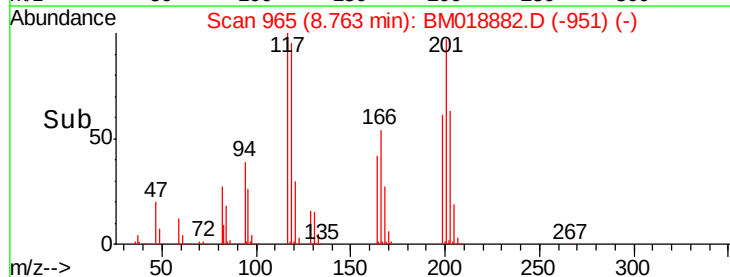
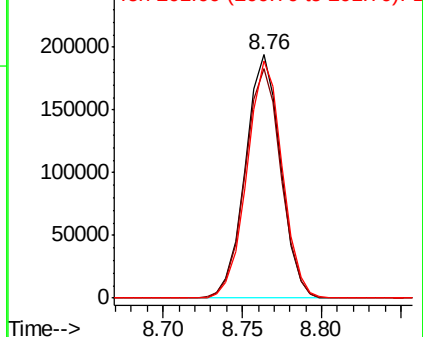


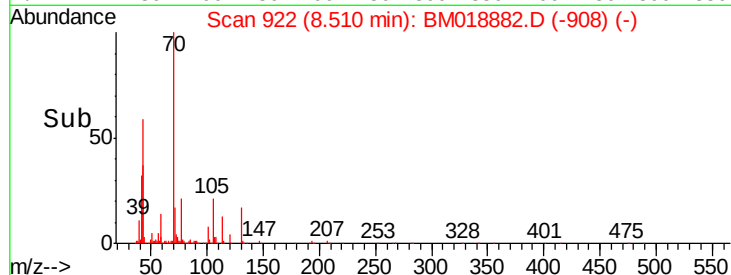
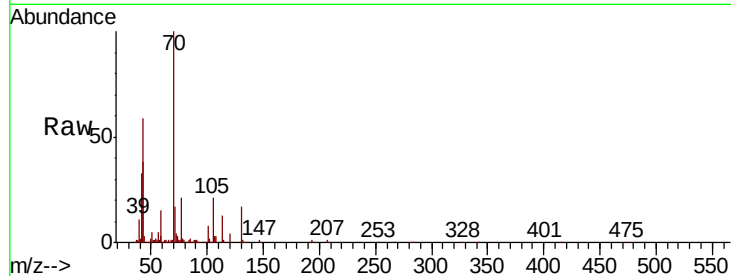
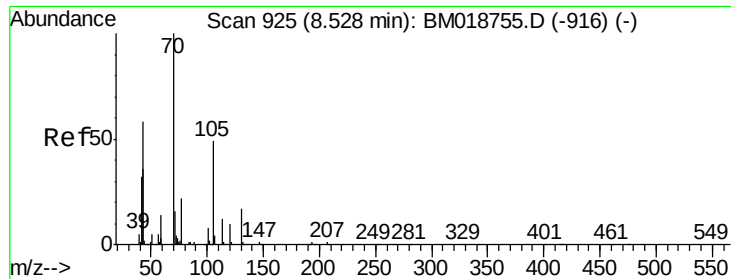
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





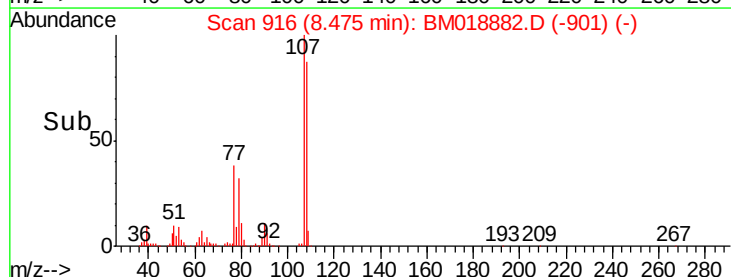
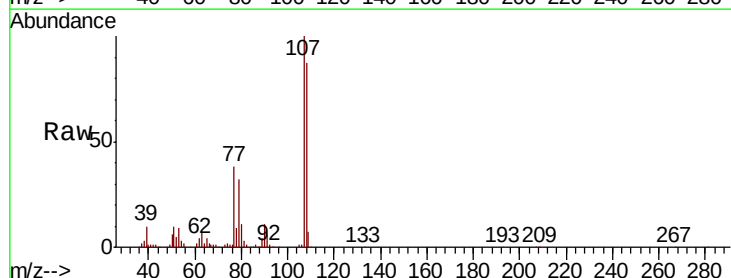
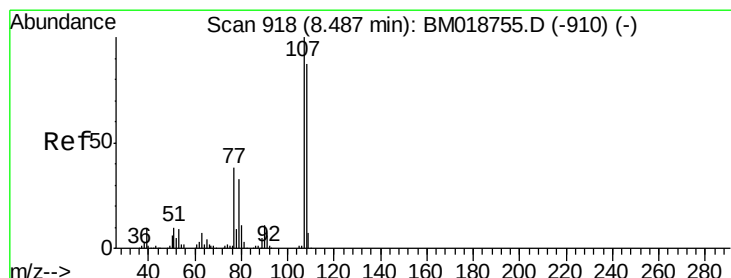
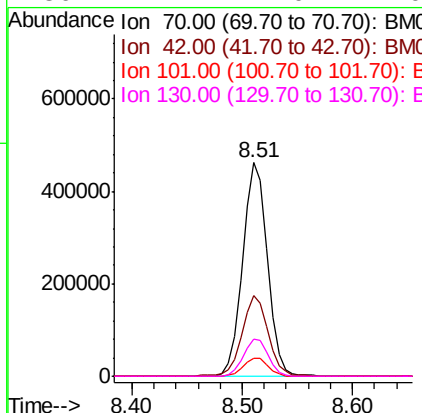
#19
n-Nitroso-di-n-propylamine
Concen: 41.275 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.5	29.4	44.0		
101	8.4	6.7	10.1		
130	17.4	14.0	21.0		

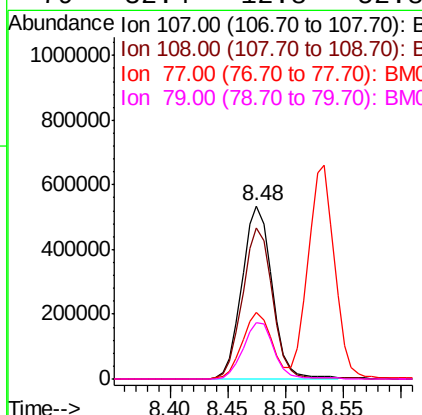
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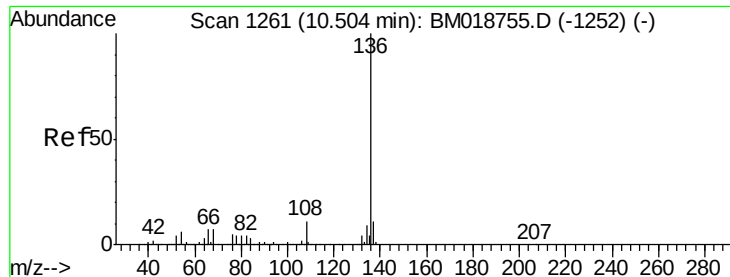
Sohil
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#20
3+4-Methylphenols
Concen: 46.270 ng
RT: 8.48 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.3	67.3	107.3		
77	38.1	18.0	58.0		
79	32.4	12.8	52.8		





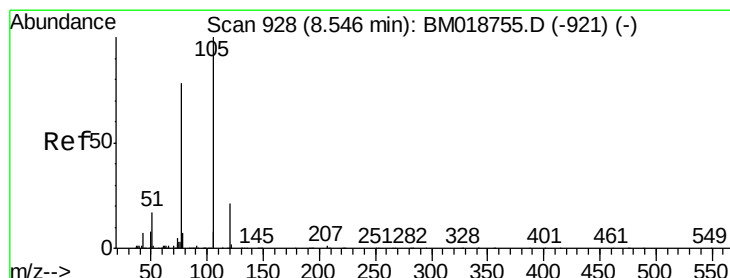
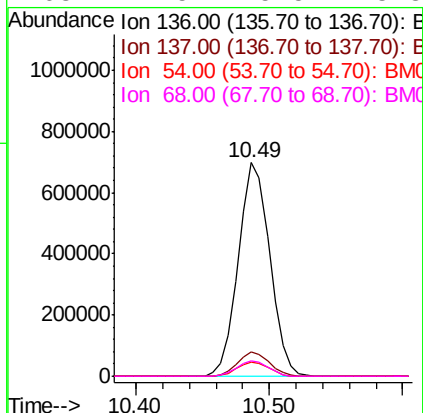
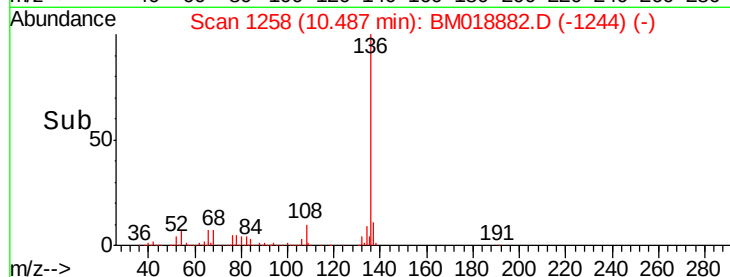
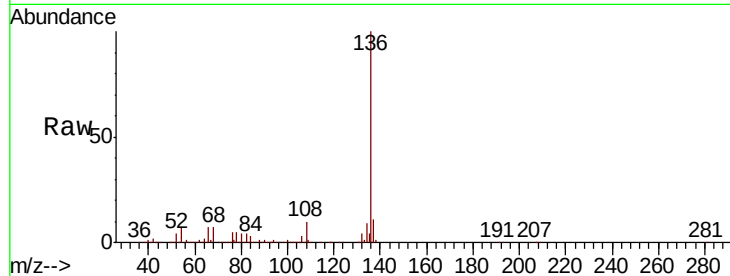
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	136	Resp	1140443
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	6.5	5.0	7.6
68	7.5	5.5	8.3

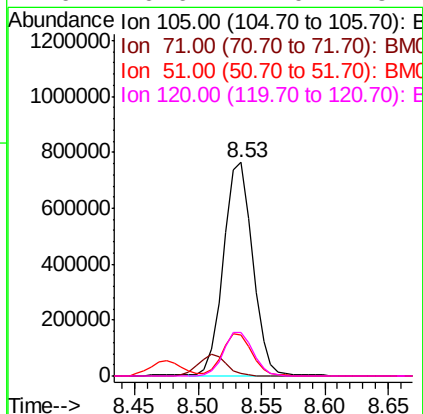
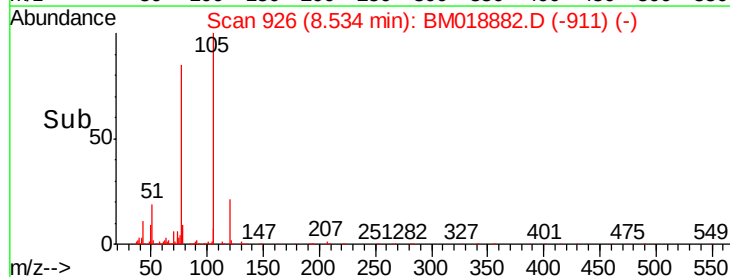
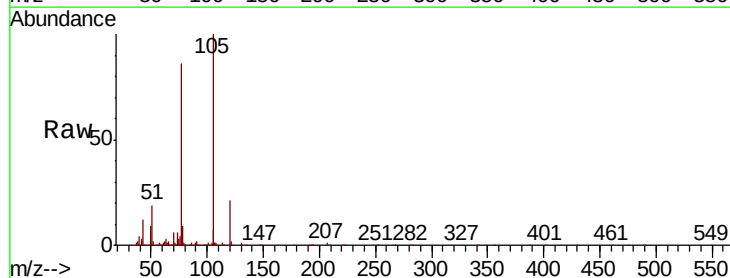
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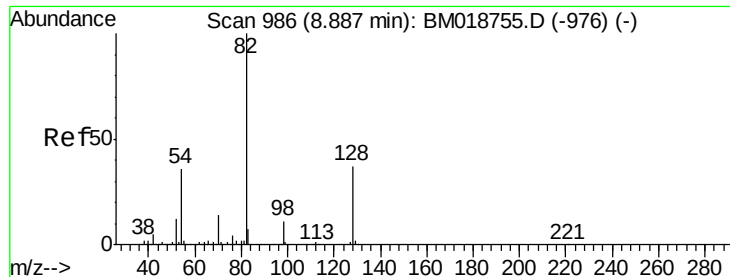
Sohil
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#22
Acetophenone
Concen: 38.810 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	105	Resp	1215493
Ion Ratio	Lower	Upper	
105	100		
71	1.1	1.1	1.7#
51	19.5	15.5	23.3
120	20.6	17.0	25.4





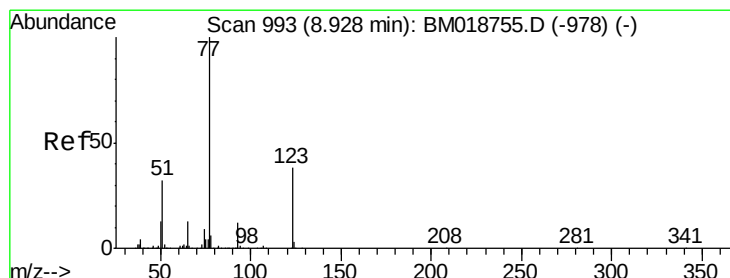
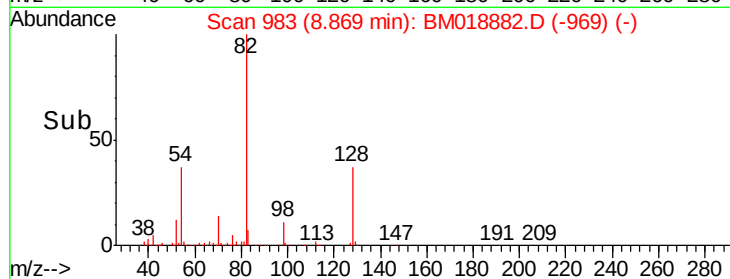
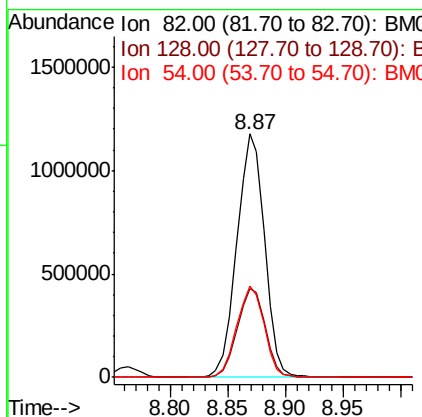
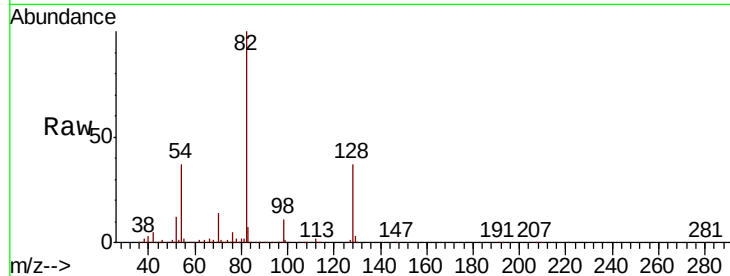
#23
 Nitrobenzene-d5
 Concen: 79.250 ng
 RT: 8.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BM018882.D
 Acq: 20 Feb 2019 13:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117236BS

Tot Ion	82	Resp	1954640
Ion Ratio	100	Lower	Upper
82	100		
128	36.7	29.9	44.9
54	37.3	29.1	43.7

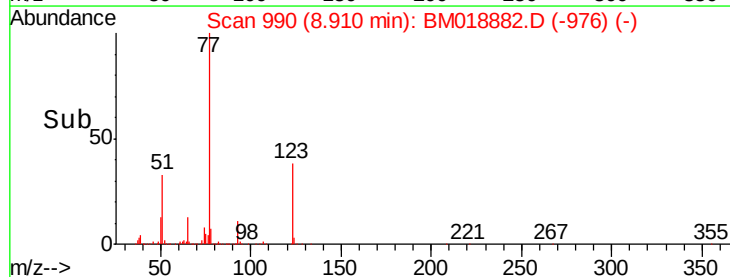
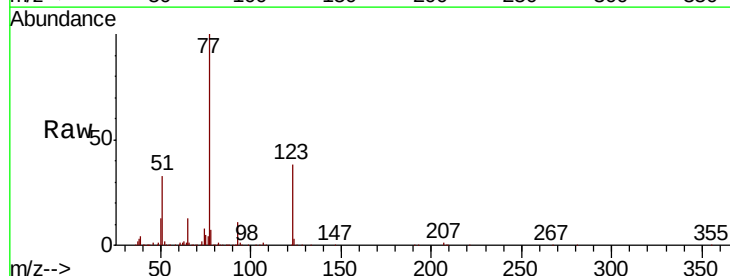
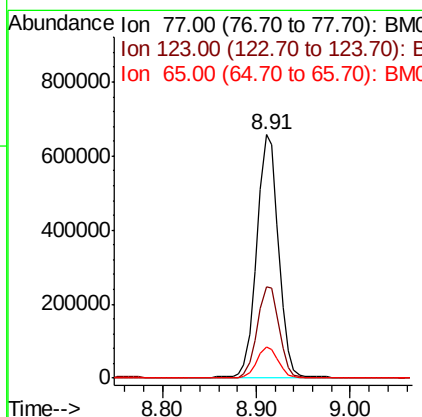
Manual Integrations
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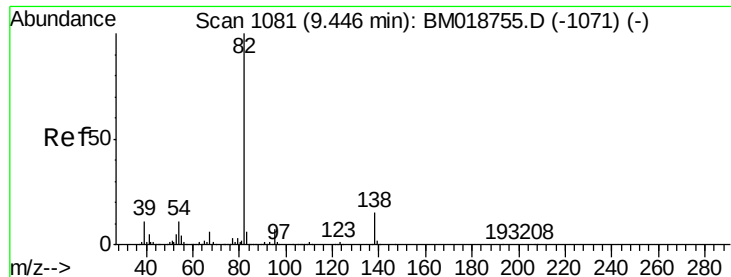
Sohil
 2/21/2019 10:08:45 AM



#24
 Nitrobenzene
 Concen: 41.057 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM018882.D
 Acq: 20 Feb 2019 13:52

Tgt Ion	77	Resp	1051124
Ion Ratio	100	Lower	Upper
77	100		
123	37.8	30.7	46.1
65	12.8	10.5	15.7





#25

Isophorone

Concen: 46.581 ng

RT: 9.43 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

ClientSampleId :

PB117236BS

Tot Ion: 82 Resp: 1833178

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

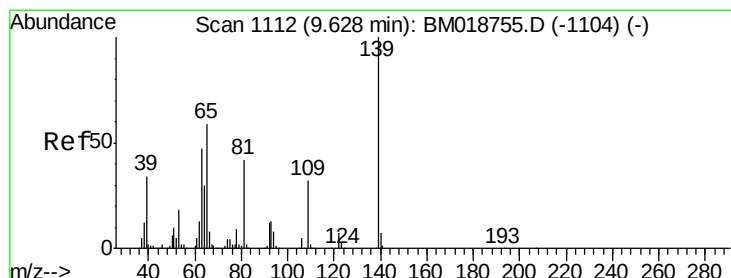
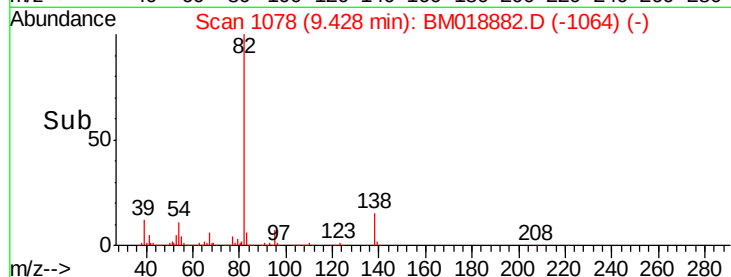
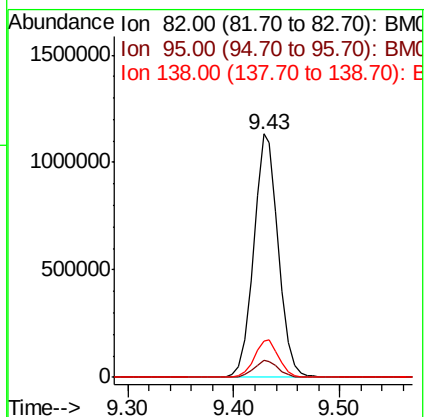
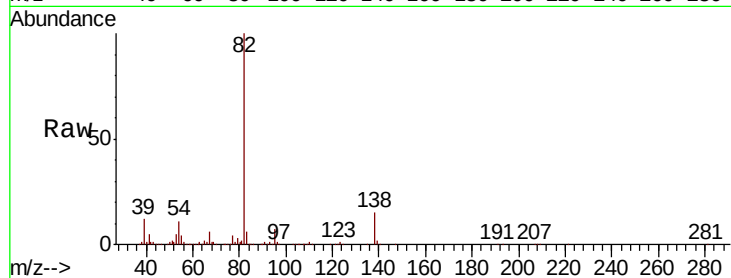
138 15.1 12.3 18.5

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#26

2-Nitrophenol

Concen: 42.216 ng

RT: 9.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

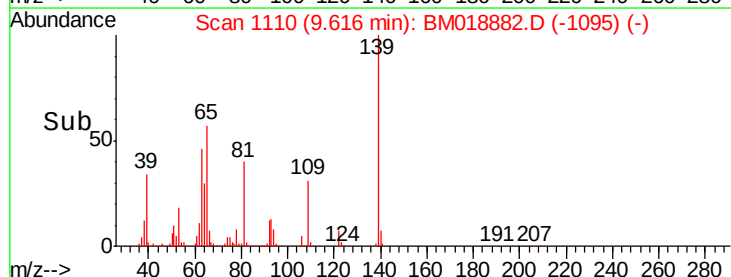
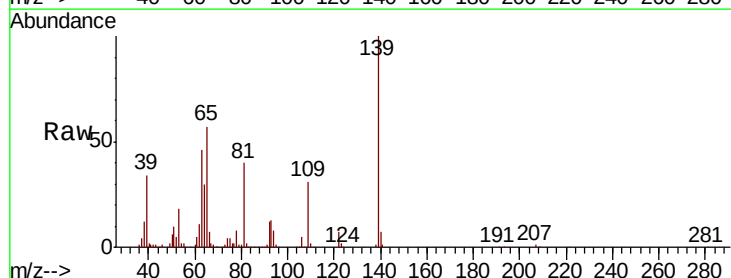
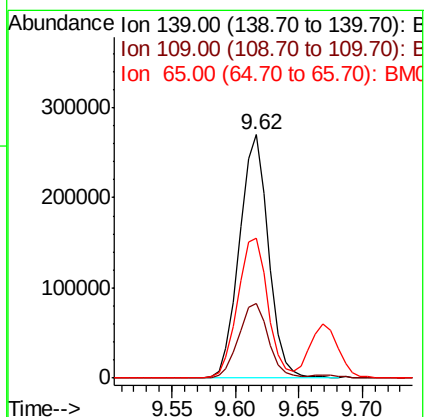
Tgt Ion: 139 Resp: 430408

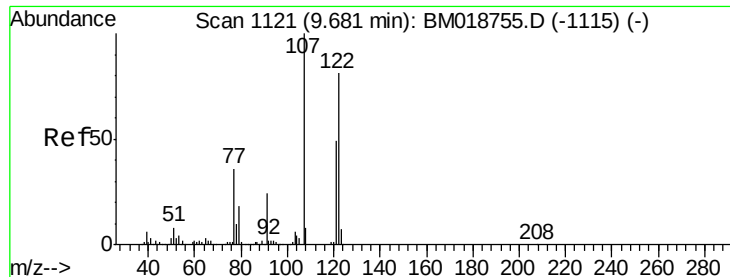
Ion Ratio Lower Upper

139 100

109 30.7 25.2 37.8

65 57.4 47.0 70.4





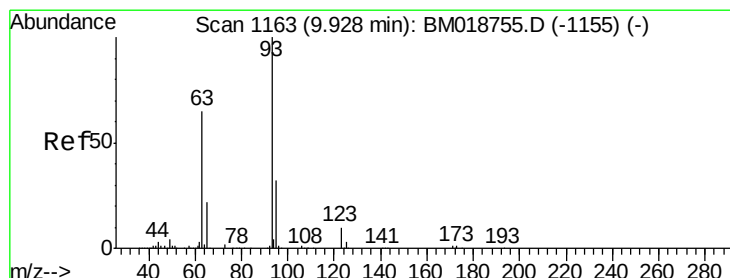
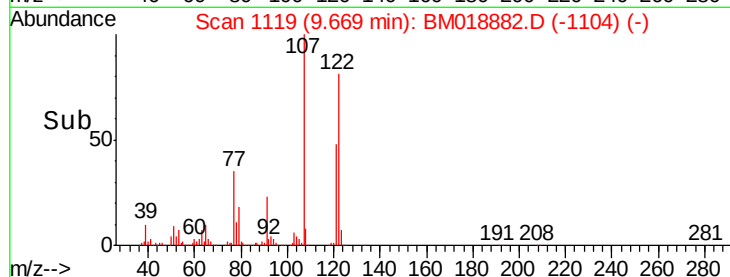
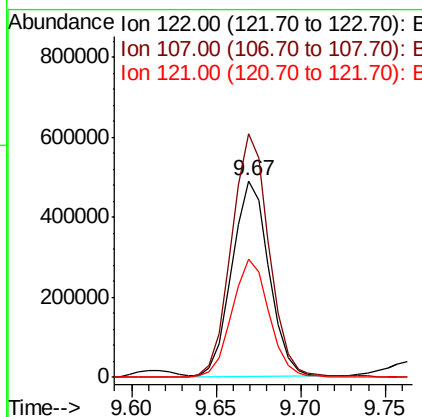
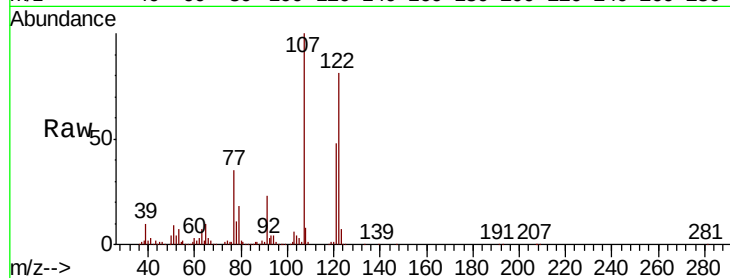
#27
 2,4-Dimethylphenol
 Concen: 50.011 ng
 RT: 9.67 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BM018882.D
 Acq: 20 Feb 2019 13:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117236BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	97.6	146.4
121	60.0	47.9	71.9

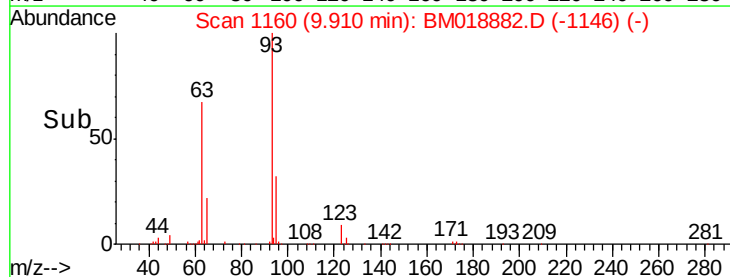
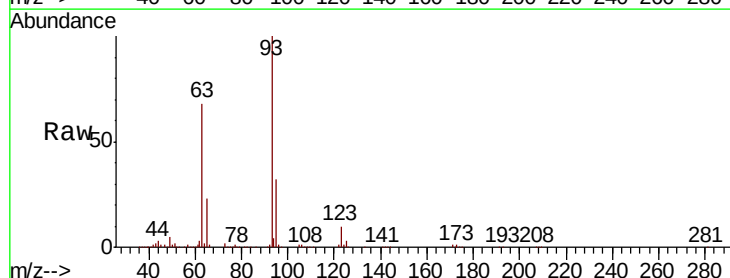
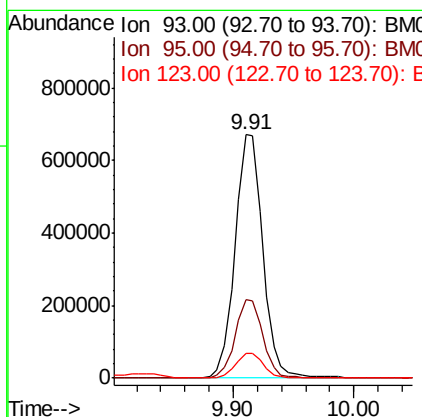
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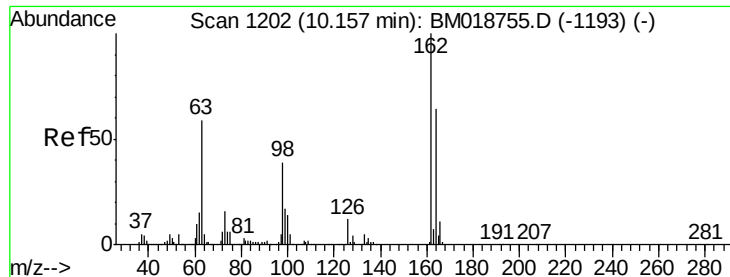
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.297 ng
 RT: 9.91 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BM018882.D
 Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.6	38.4
123	10.1	8.2	12.4





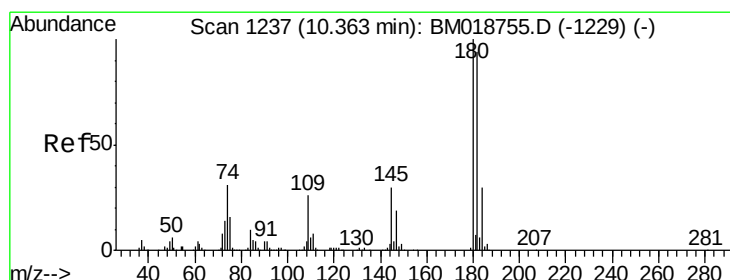
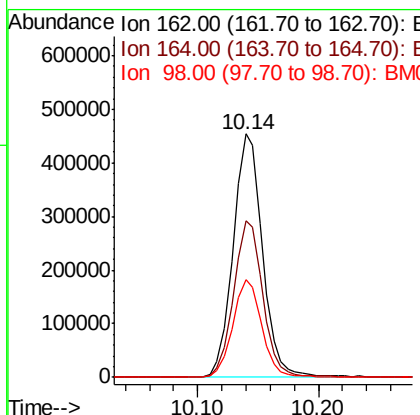
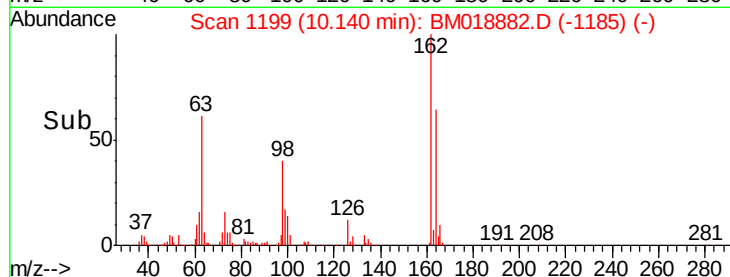
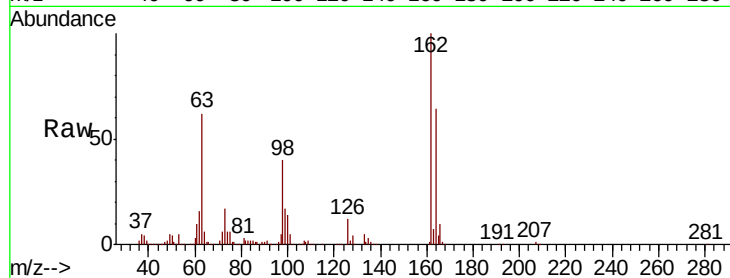
#29
2,4-Dichlorophenol
Concen: 44.953 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	44.1	84.1
98	40.0	19.4	59.4

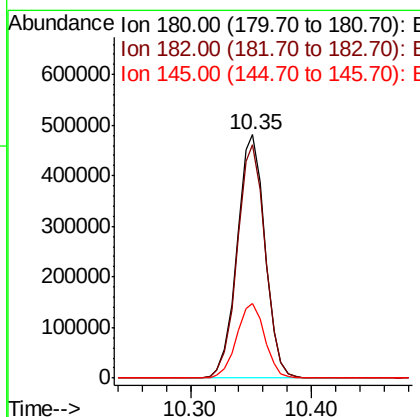
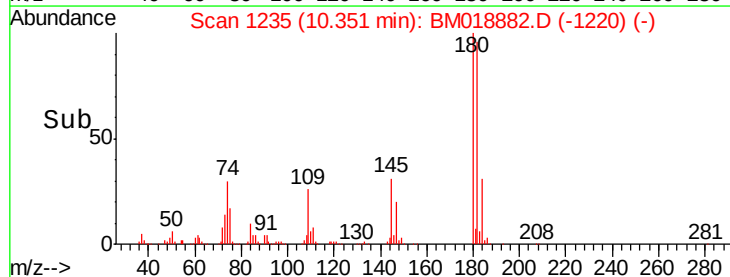
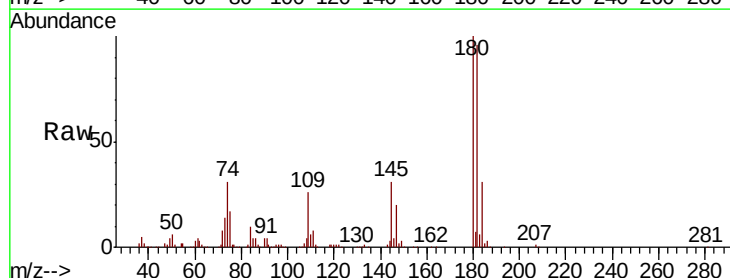
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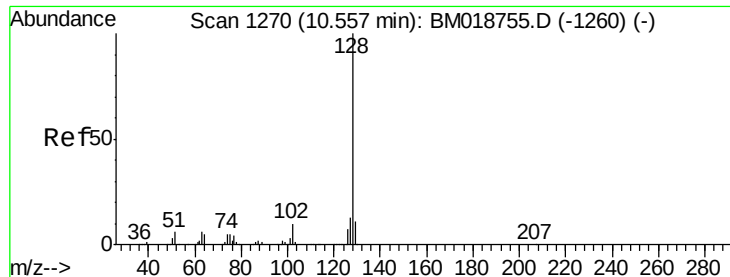
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#30
1,2,4-Trichlorobenzene
Concen: 39.224 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	75.0	112.6
145	30.6	24.1	36.1





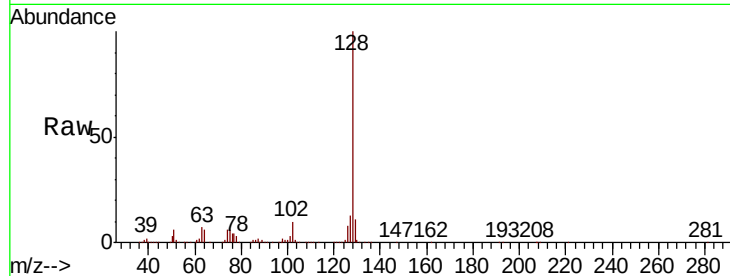
#31
Naphthalene
Concen: 43.489 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.7	16.1

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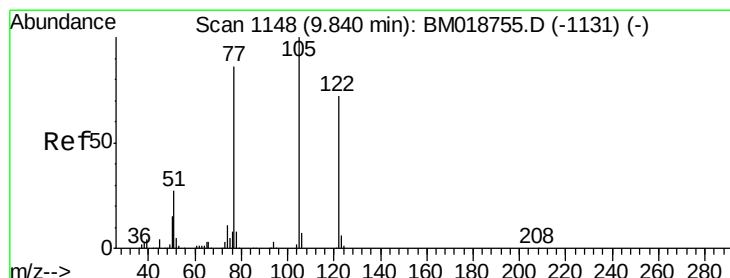
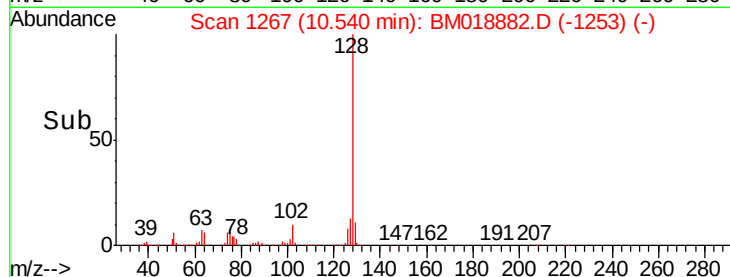
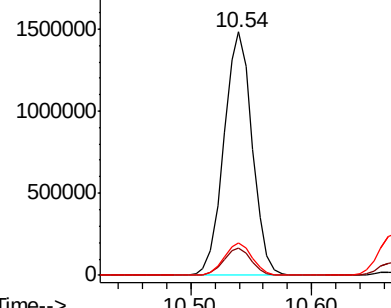


Abundance

Ion 128.00 (127.70 to 128.70): E

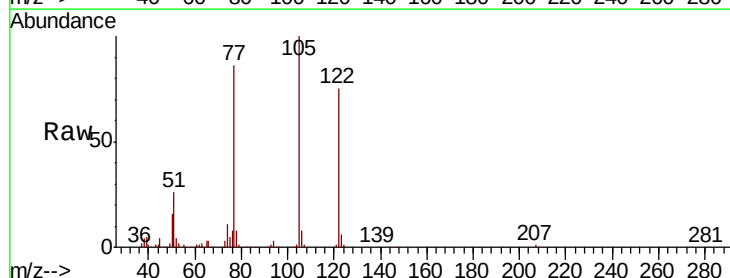
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.993 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	117.5	157.5
77	114.2	98.5	138.5

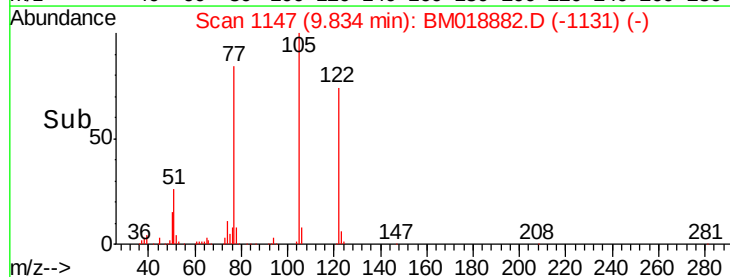
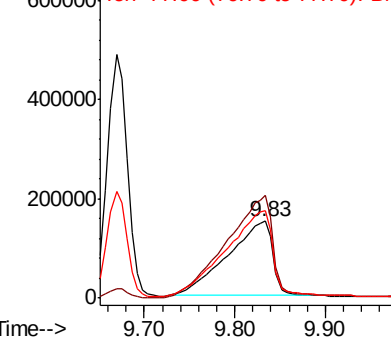


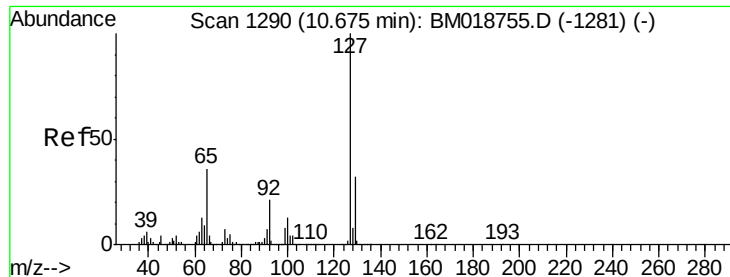
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





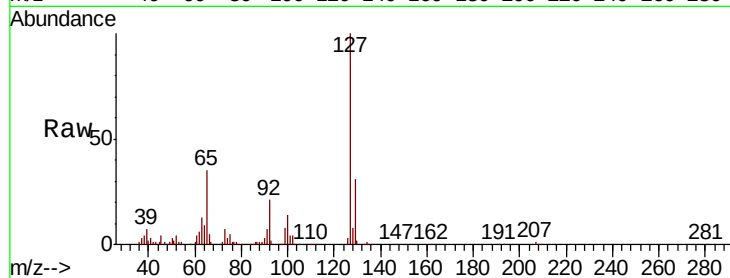
#33
4-Chloroaniline
Concen: 18.824 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	25.7	38.5	
65	34.8	28.7	43.1	
92	20.6	17.0	25.4	

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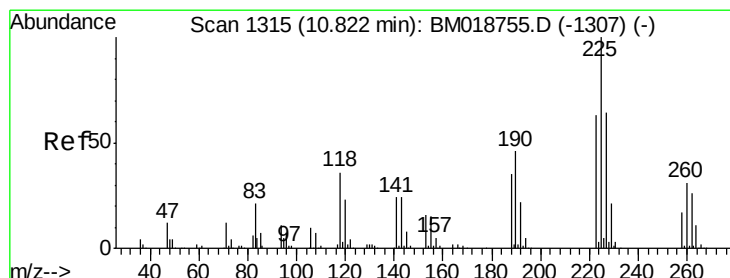
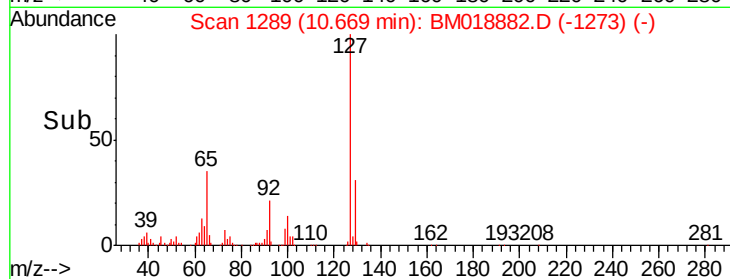
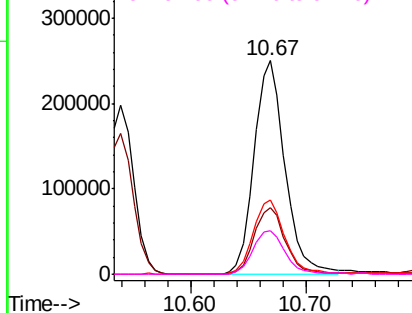
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

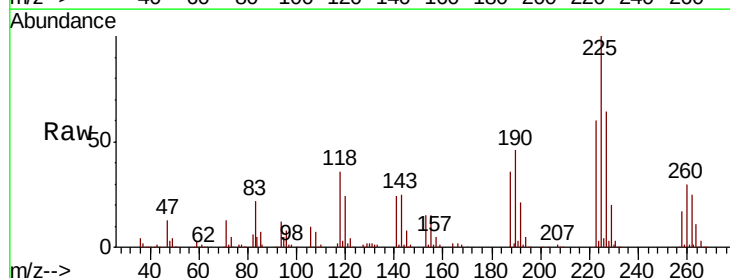
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 36.557 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.3	50.1	75.1	
227	64.2	51.4	77.0	

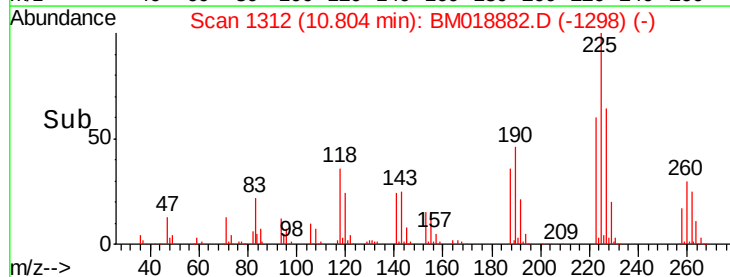
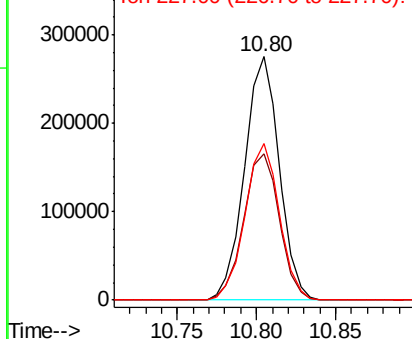


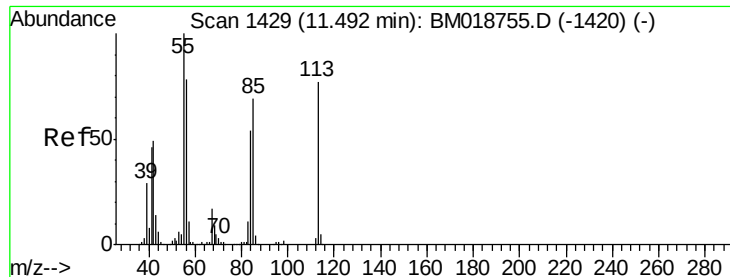
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.709 ng/mL

RT: 11.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

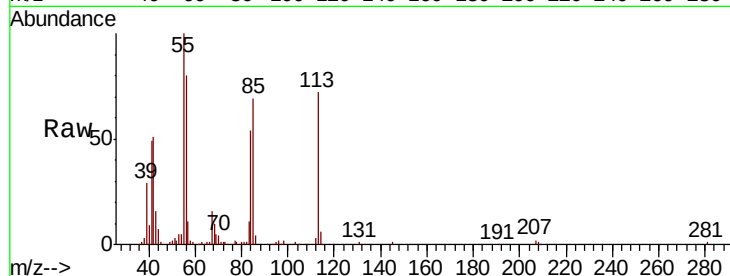
ClientSampled :

PB117236BS

Tot Ion:	113	Resp:	263137
Ion Ratio	Lower	Upper	
113	100		
55	138.9	110.7	150.7
56	110.5	82.4	122.4

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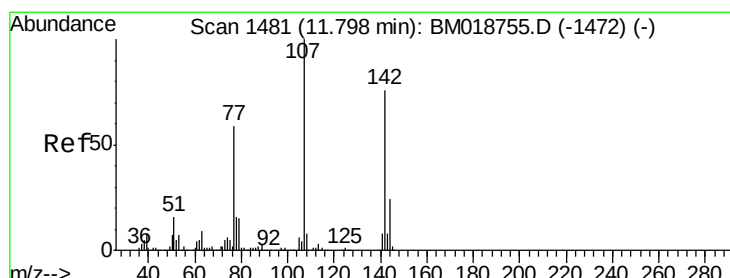
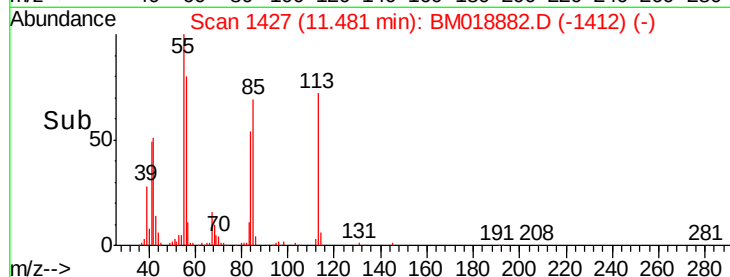
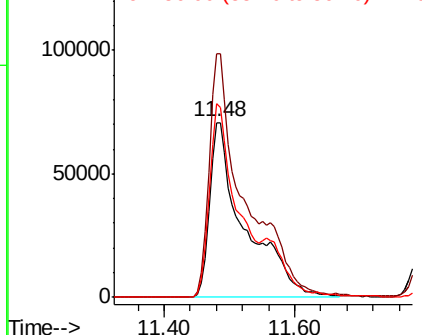
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.707 ng/mL

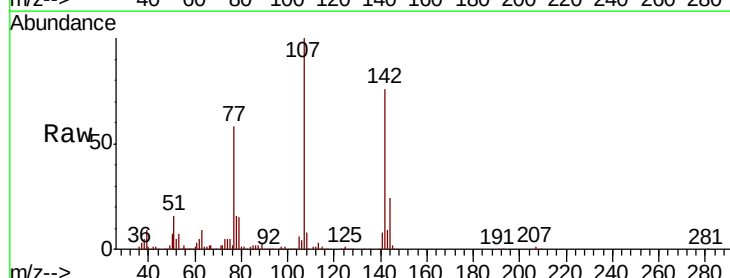
RT: 11.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

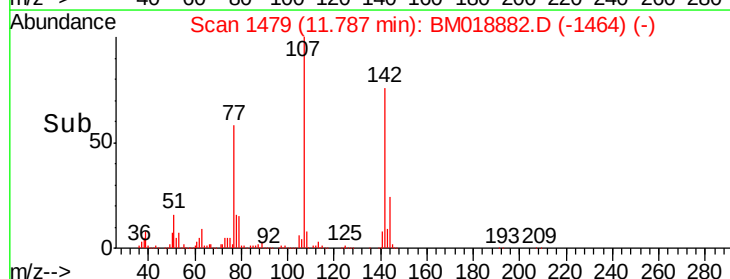
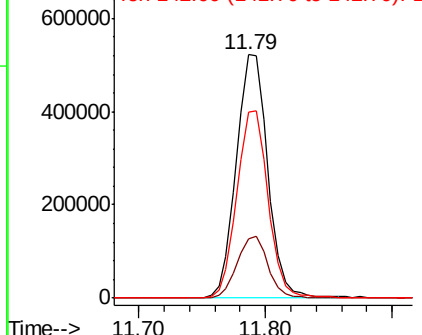
Tgt Ion:	107	Resp:	901036
Ion Ratio	Lower	Upper	
107	100		
144	24.2	19.3	28.9
142	76.2	60.5	90.7

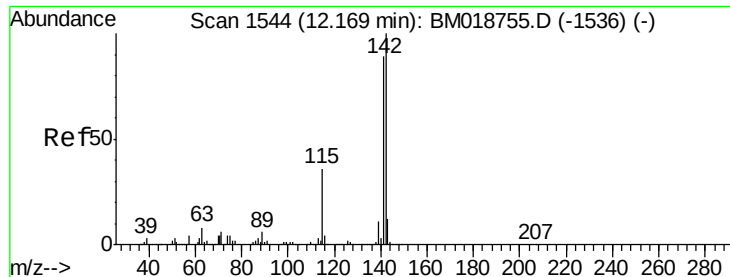


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





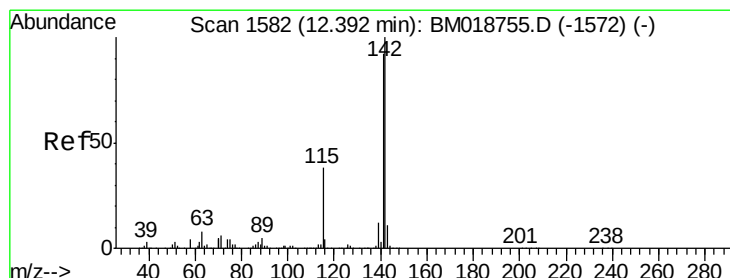
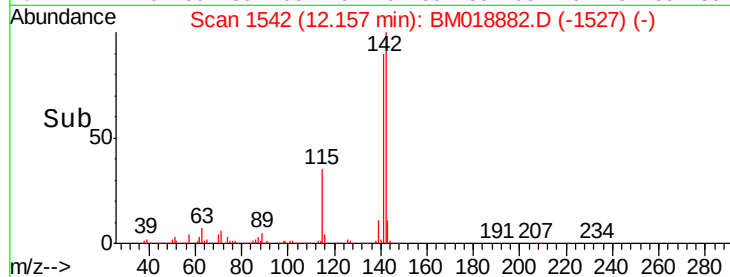
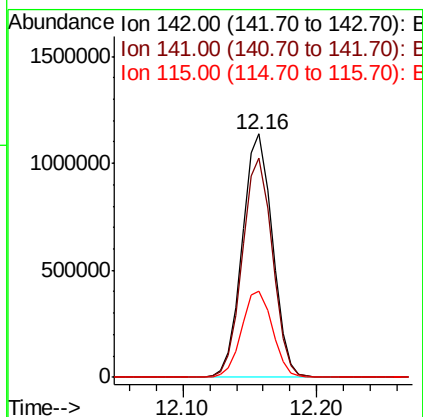
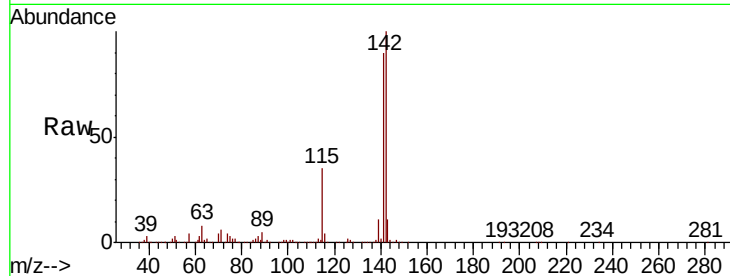
#37
2-Methylnaphthalene
Concen: 45.407 ng
RT: 12.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampled :
PB117236BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.2	106.8
115	35.4	29.1	43.7

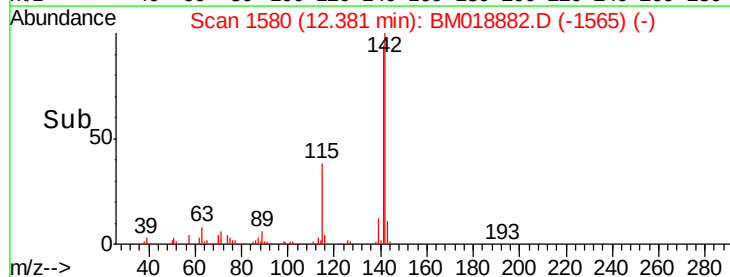
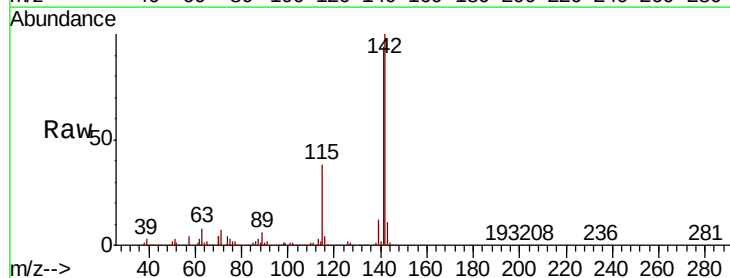
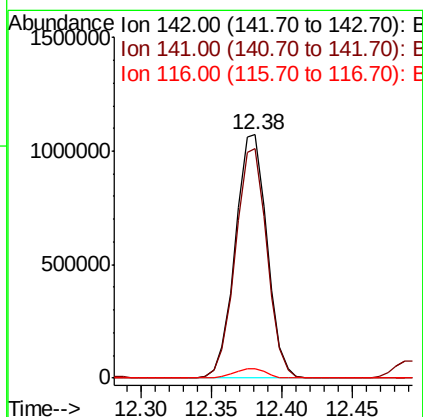
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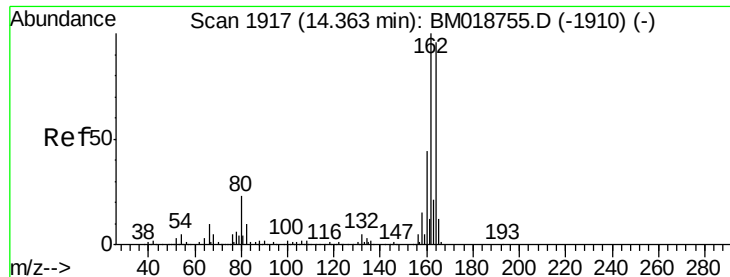
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#38
1-Methylnaphthalene
Concen: 43.985 ng
RT: 12.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.9	110.9
116	4.0	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

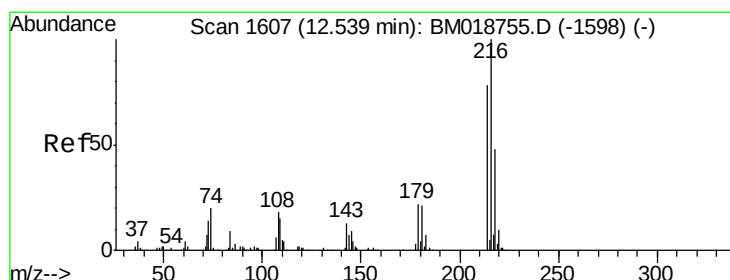
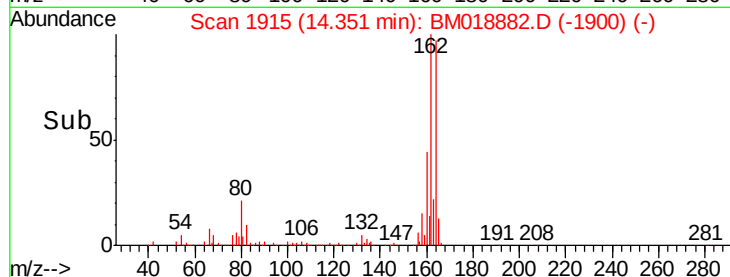
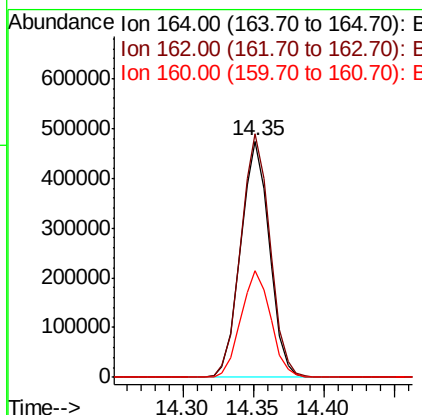
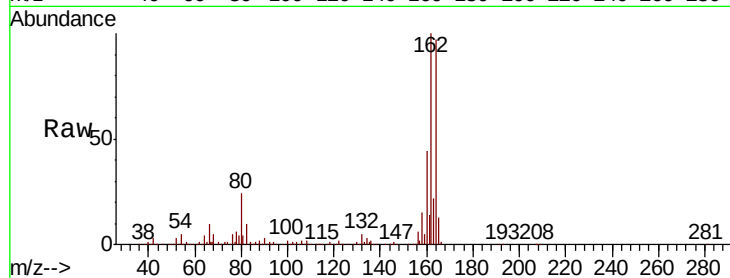
ClientSampleId :

PB117236BS

Tot Ion:	164	Resp:	674490
Ion Ratio	Lower	Upper	
164	100		
162	103.1	83.4	125.0
160	45.1	36.6	55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.591 ng

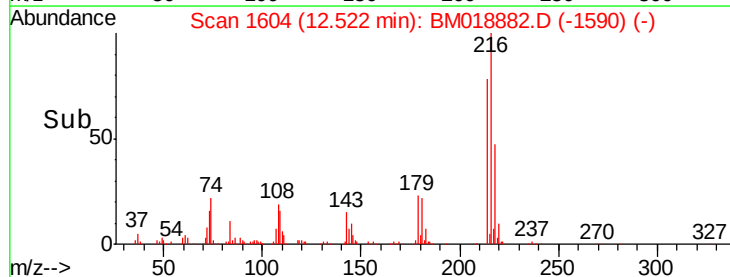
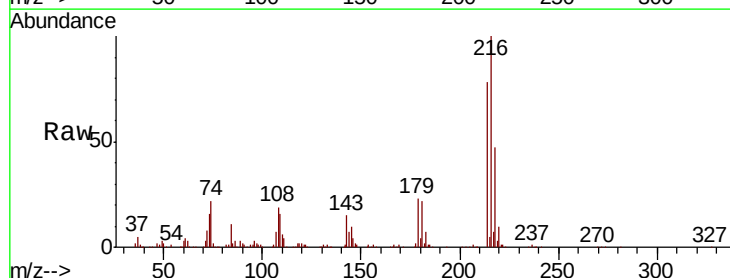
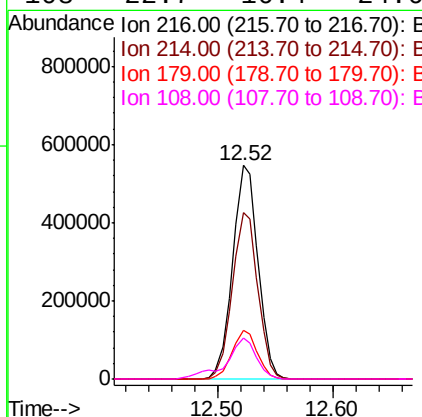
RT: 12.52 min Scan# 1604

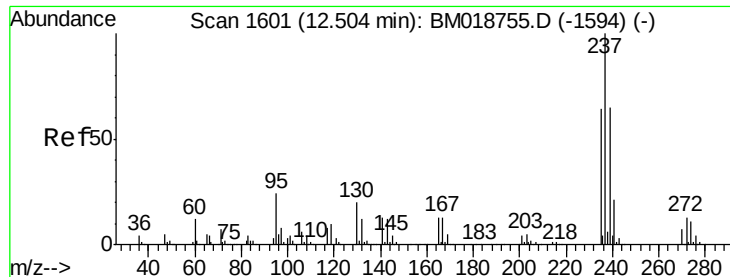
Delta R.T. -0.02 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Tgt Ion:	216	Resp:	832649
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.2	94.8
179	22.5	17.8	26.8
108	22.7	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 78.297 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

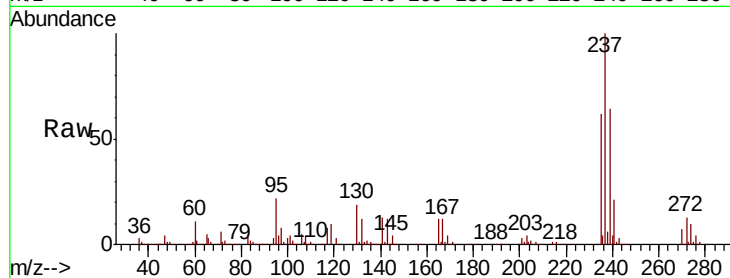
ClientSampleId :

PB117236BS

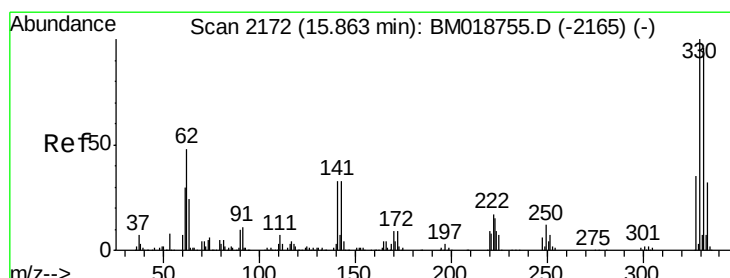
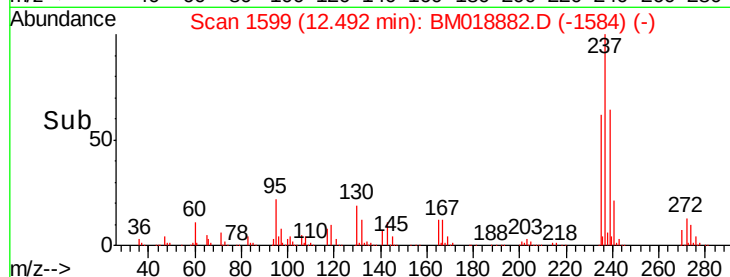
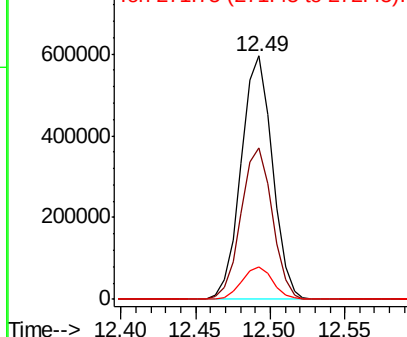
Tot Ion:	237	Resp:	863718
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.7	83.7
272	13.1	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 152.097 ng

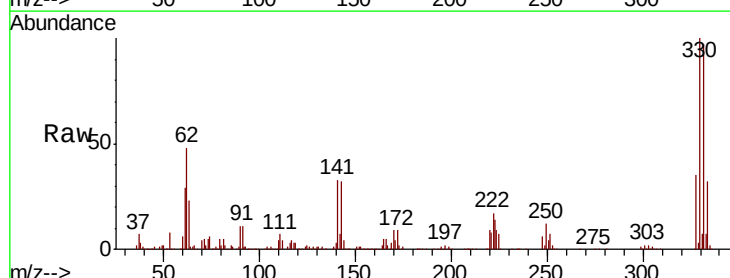
RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

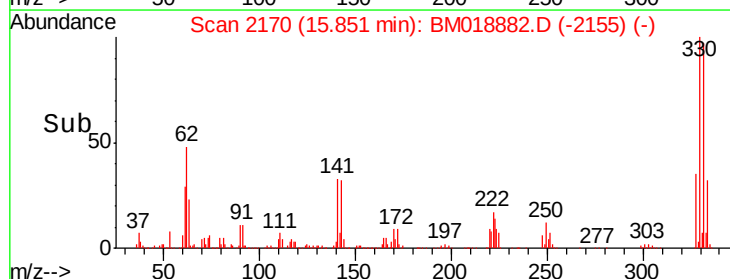
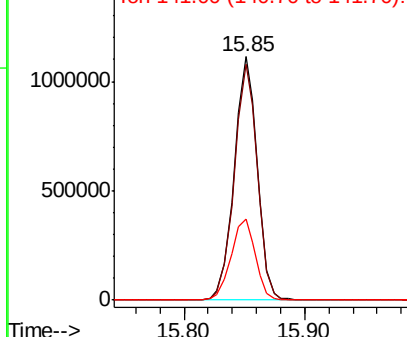
Lab File: BM018882.D

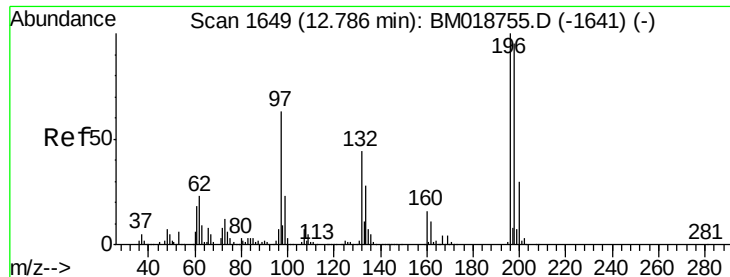
Acq: 20 Feb 2019 13:52

Tgt Ion:	330	Resp:	1478780
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.9	115.3
141	35.2	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





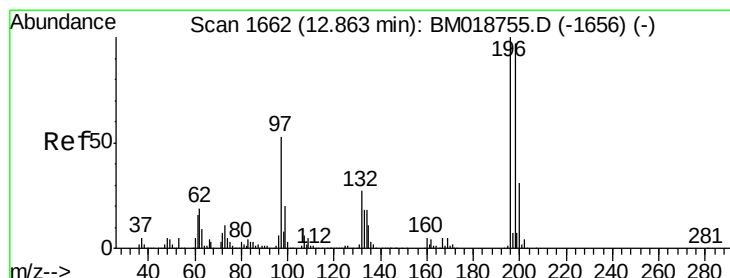
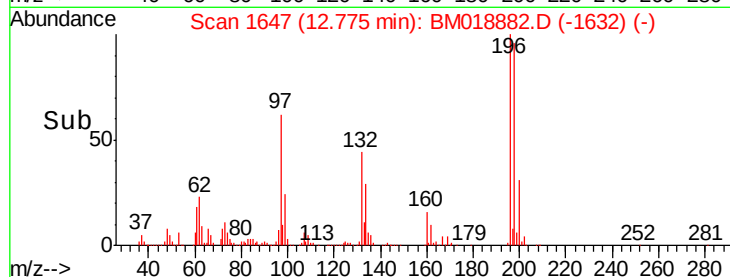
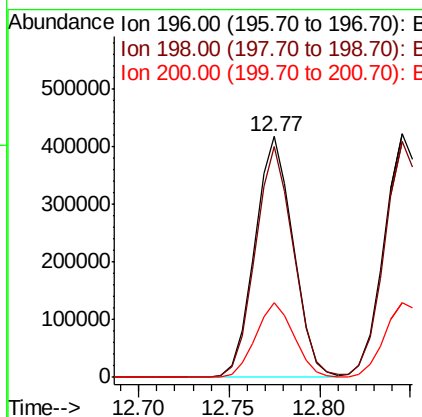
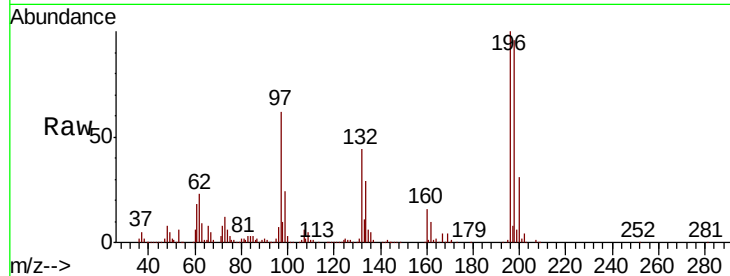
#43
2,4,6-Trichlorophenol
Concen: 42.966 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampled :
PB117236BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	613702		
198	95.8	76.2	114.2	
200	30.9	24.2	36.2	

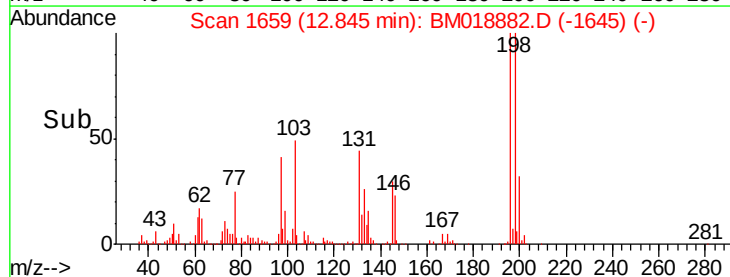
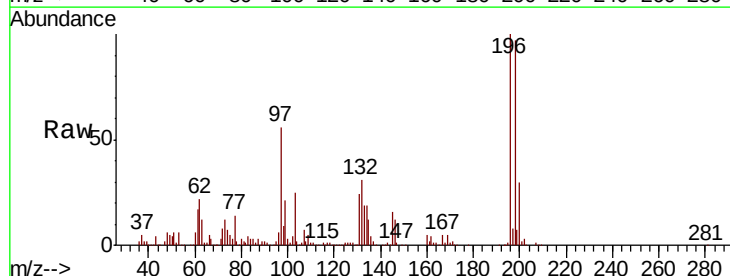
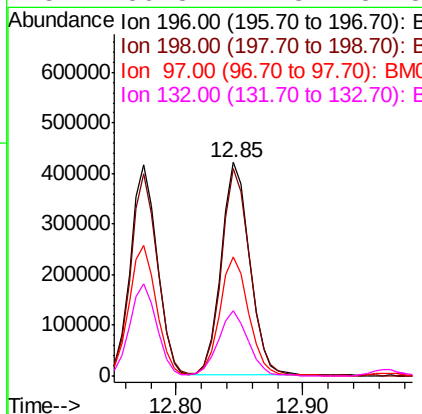
Manual Integrations
APPROVED

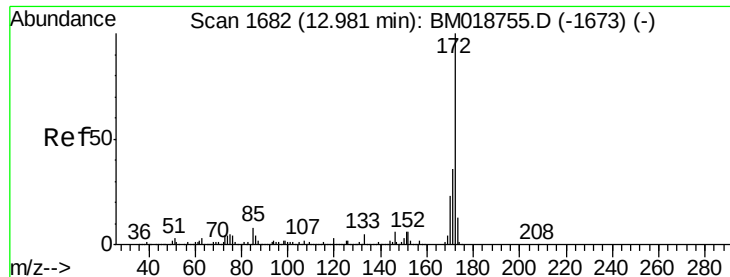
Sohil
2/21/2019 10:08:45 AM



#44
2,4,5-Trichlorophenol
Concen: 43.883 ng
RT: 12.85 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	656981		
198	96.9	77.6	116.4	
97	56.0	42.8	64.2	
132	30.8	21.8	32.8	





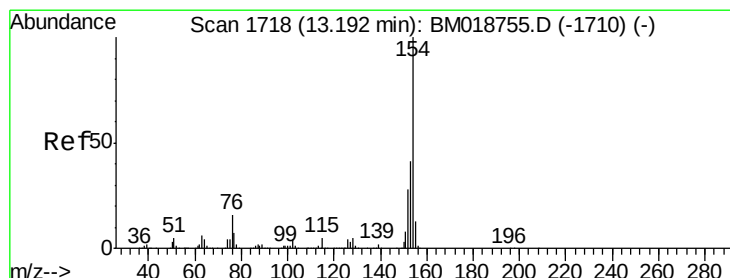
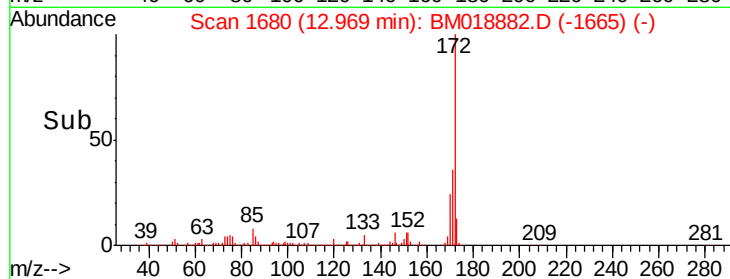
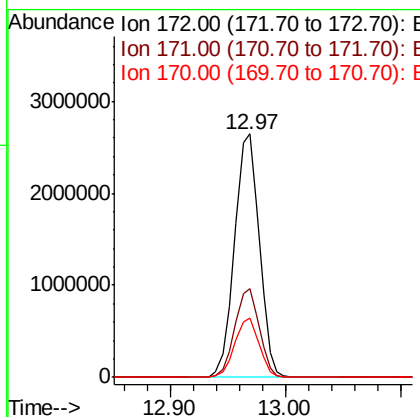
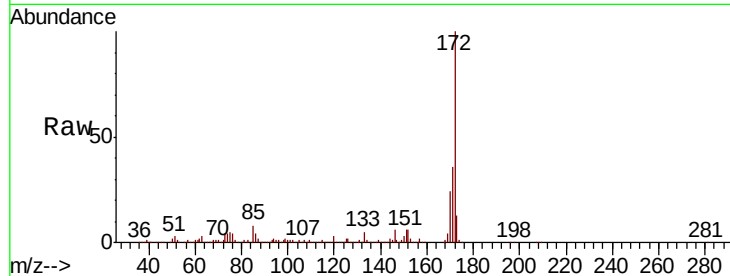
#45
2-Fluorobiphenyl
Concen: 77.209 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.1	18.6	28.0

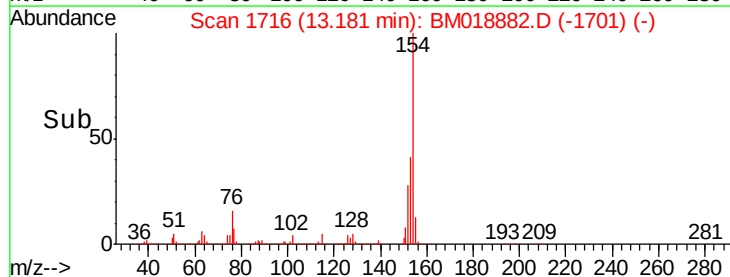
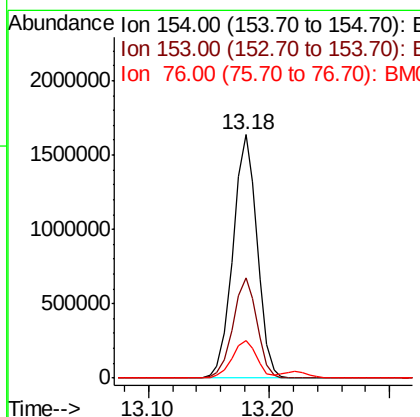
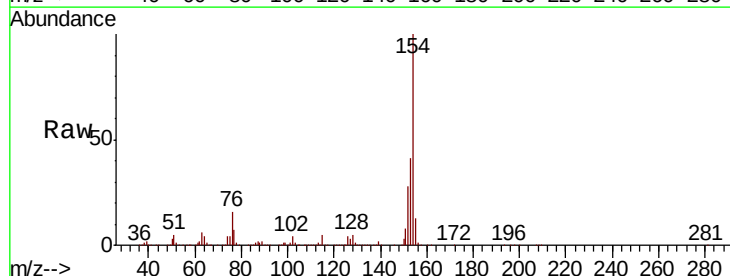
Manual Integrations
APPROVED

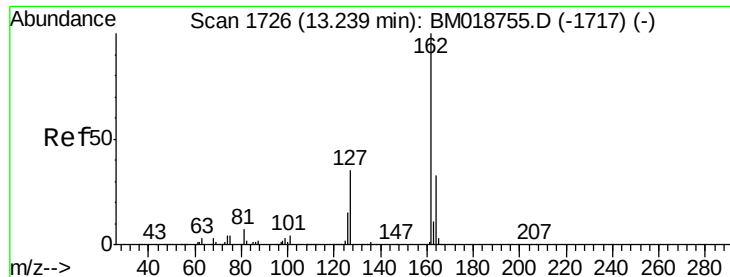
Sohil
2/21/2019 10:08:45 AM



#46
1,1'-Biphenyl
Concen: 39.399 ng
RT: 13.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

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: 39.647 ng

RT: 13.22 min Scan# 1723

Delta R.T. -0.02 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

ClientSampleId :

PB117236BS

Tot Ion: 162 Resp: 1777902

Ion Ratio Lower Upper

162 100

127 39.9 31.1 46.7

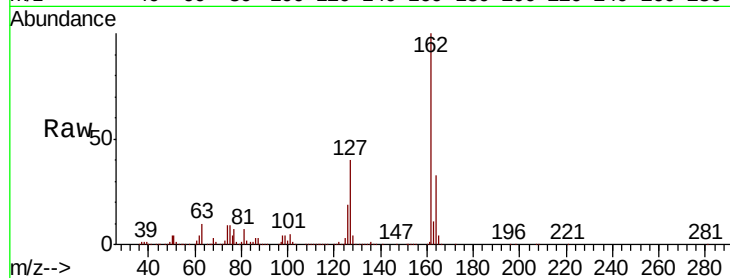
164 33.4 26.4 39.6

Manual Integrations

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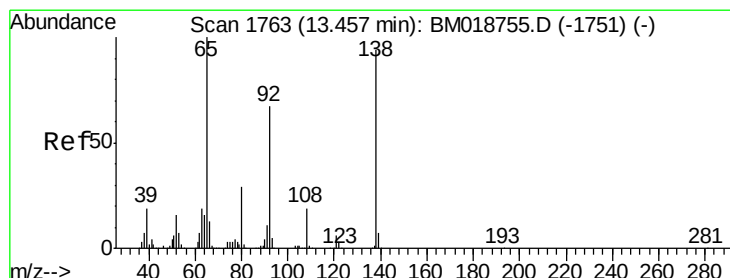
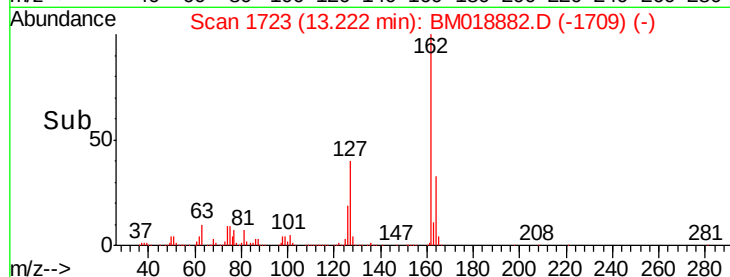
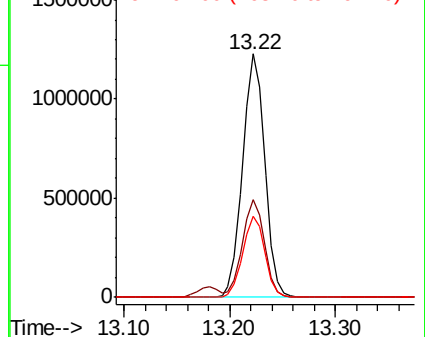


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.751 ng

RT: 13.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

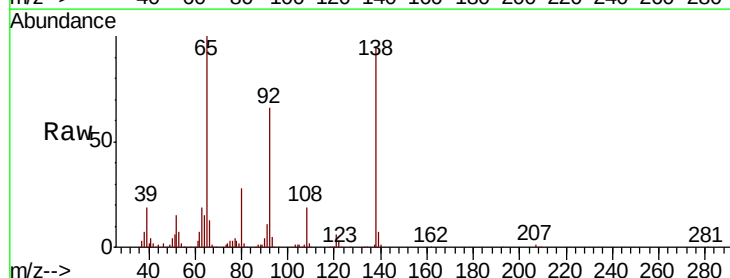
Tgt Ion: 65 Resp: 651599

Ion Ratio Lower Upper

65 100

92 66.0 54.0 81.0

138 94.5 74.9 112.3

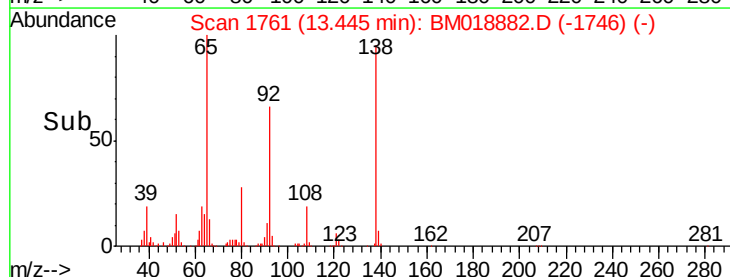
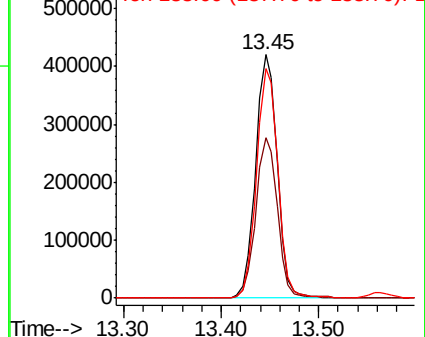


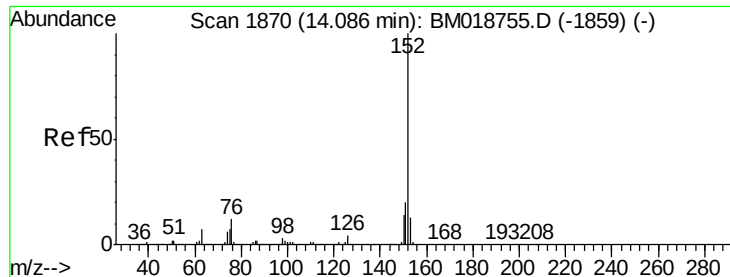
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.821 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

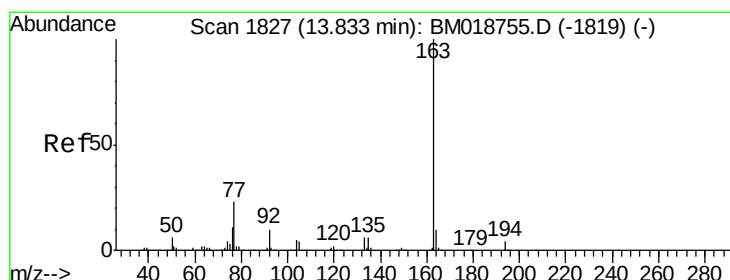
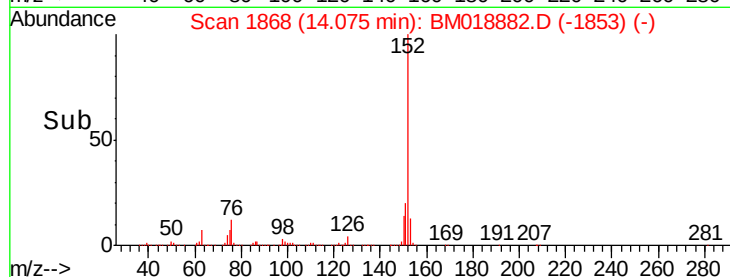
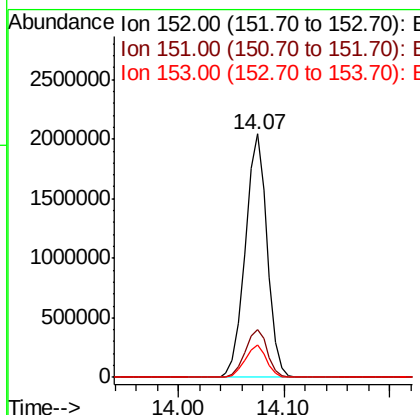
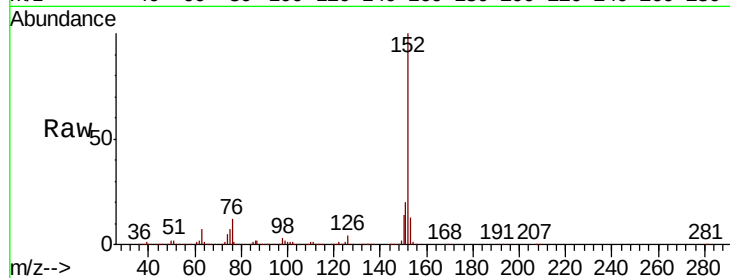
ClientSampleId :

PB117236BS

Tot Ion:	152	Resp:	2926029
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.1	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.867 ng

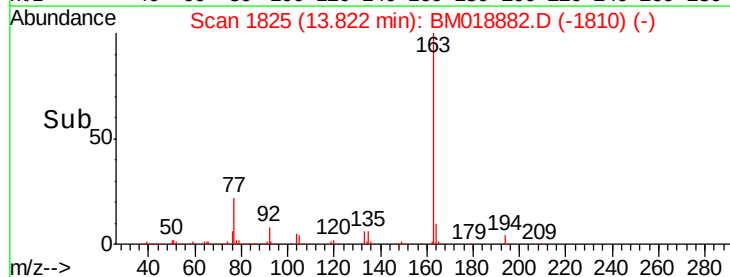
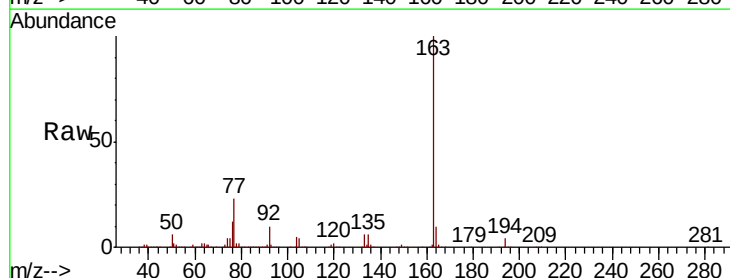
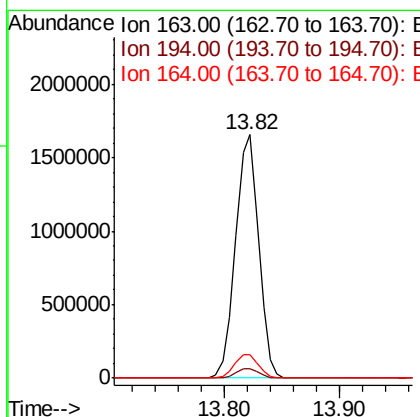
RT: 13.82 min Scan# 1825

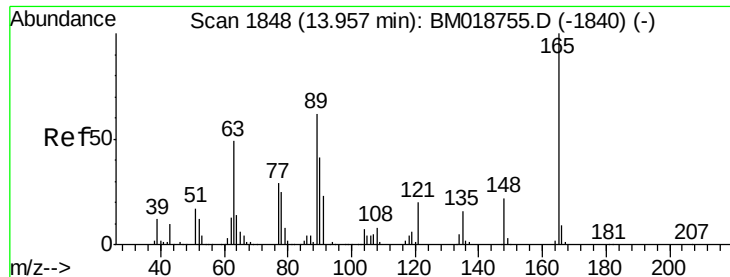
Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Tgt Ion:	163	Resp:	2297198
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.8	7.8	11.8





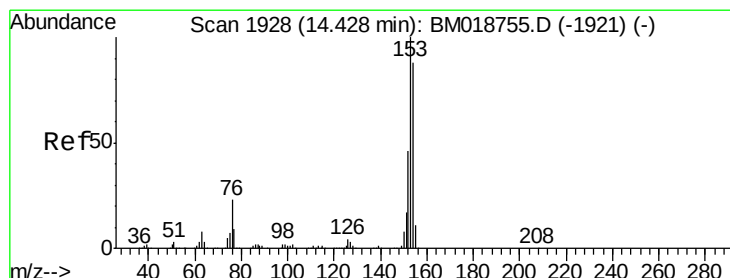
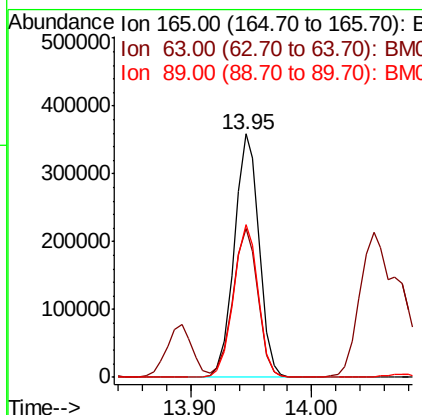
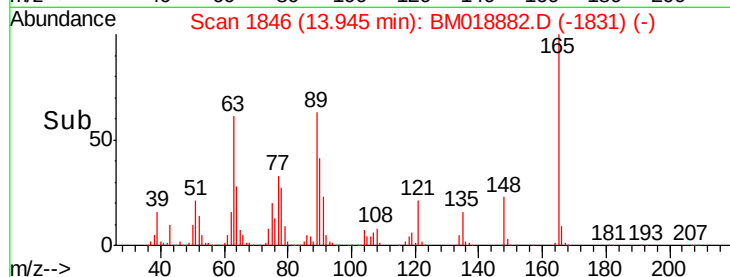
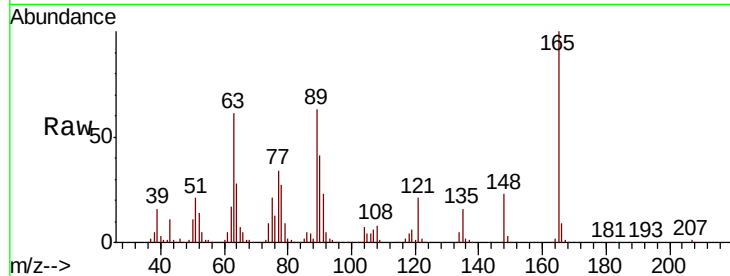
#51
2,6-Dinitrotoluene
Concen: 41.991 ng
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleID :
PB117236BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	511307		
63	61.4	48.9	73.3	
89	62.7	49.4	74.0	

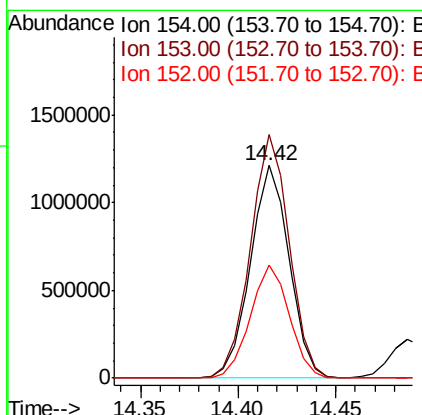
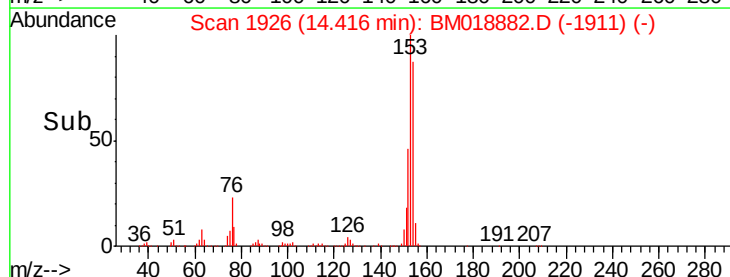
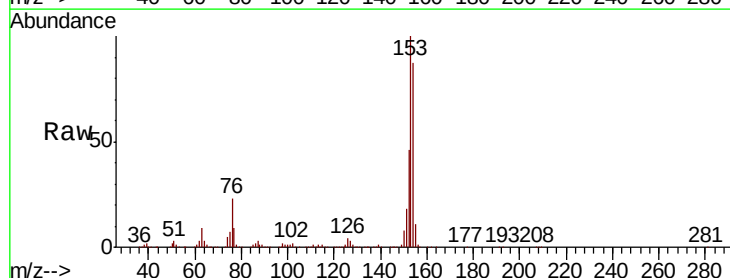
Manual Integrations
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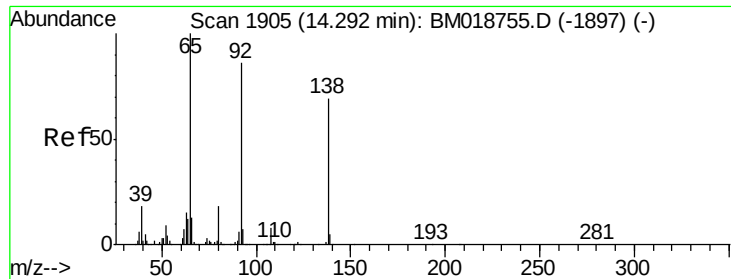
Sohil
2/21/2019 10:08:45 AM



#52
Acenaphthene
Concen: 40.672 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1665266		
153	114.4	91.3	136.9	
152	53.1	42.2	63.4	





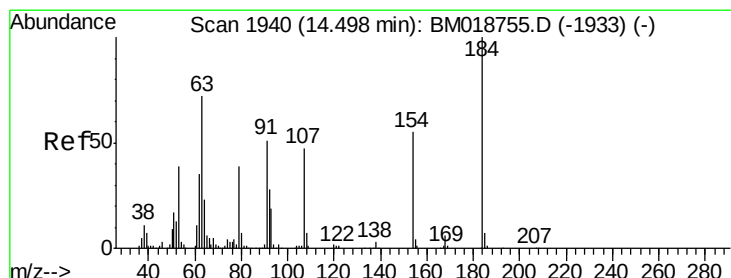
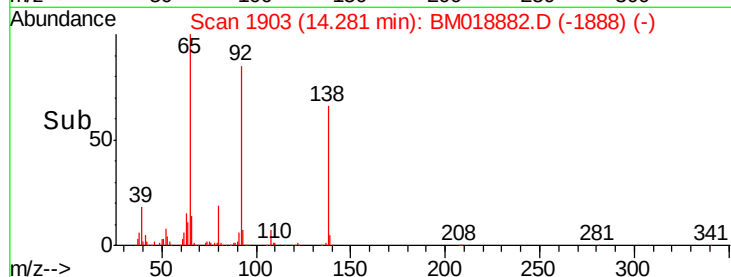
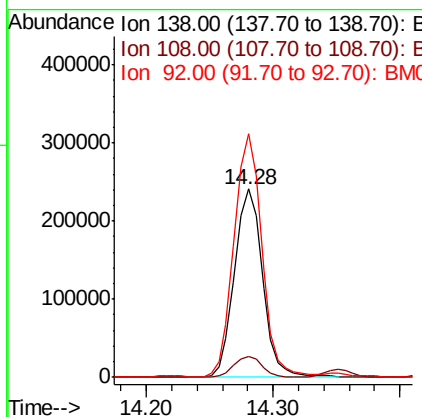
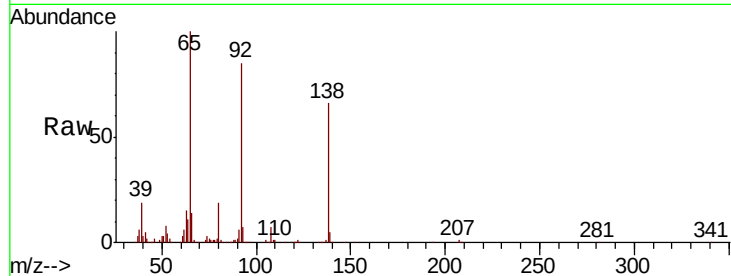
#53
3-Nitroaniline
Concen: 26.994 ng
RT: 14.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.0	9.1	13.7	
92	129.2	99.7	149.5	

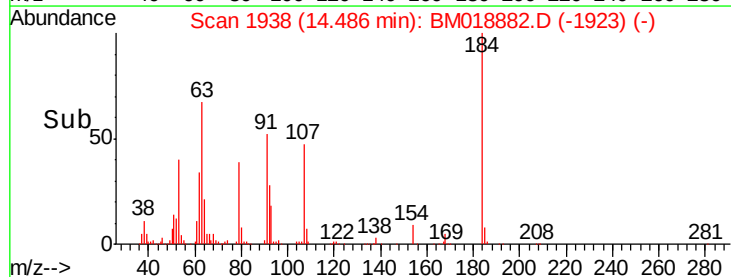
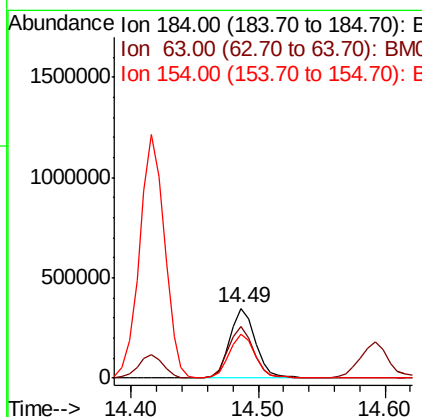
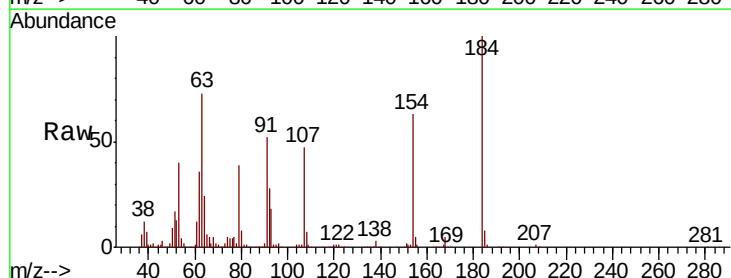
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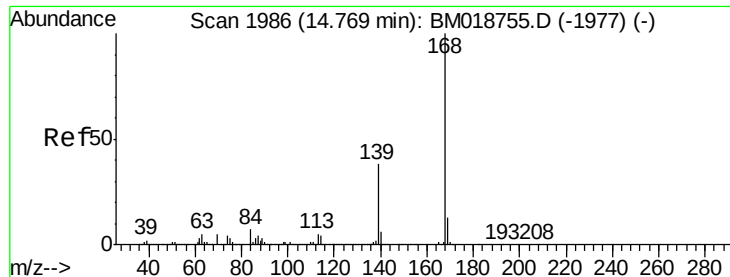
Sohil
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#54
2,4-Dinitrophenol
Concen: 64.760 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	73.2	58.0	87.0	
154	63.1	50.3	75.5	





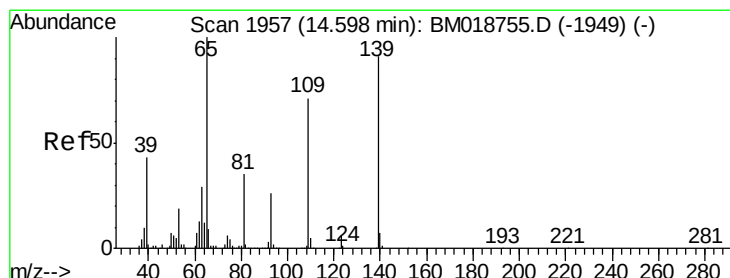
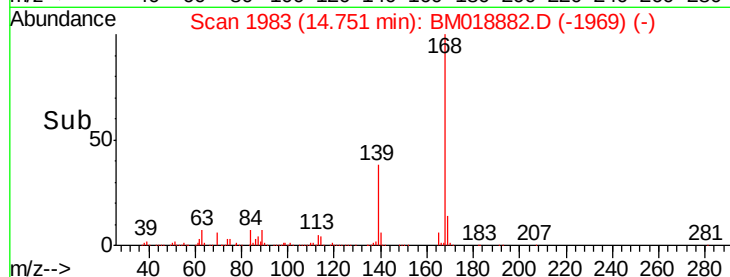
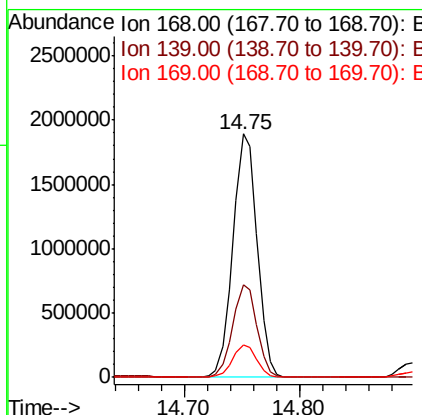
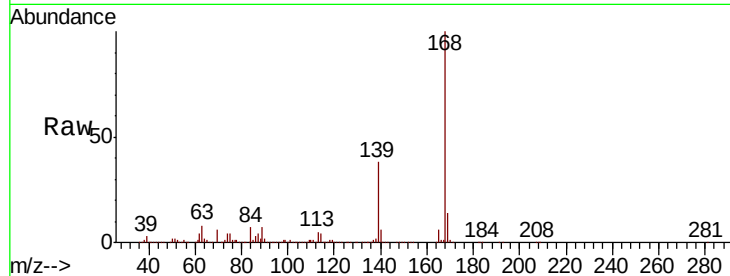
#55
Dibenzofuran
Concen: 40.797 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampled :
PB117236BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.7	46.1
169	13.5	10.3	15.5

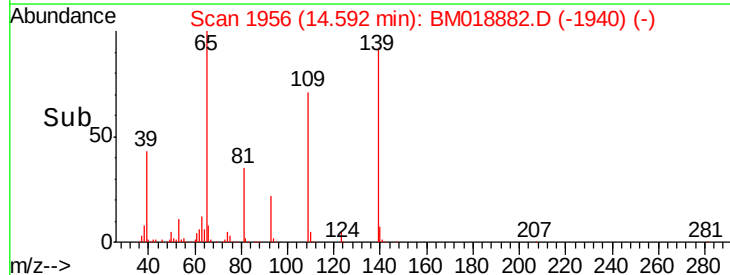
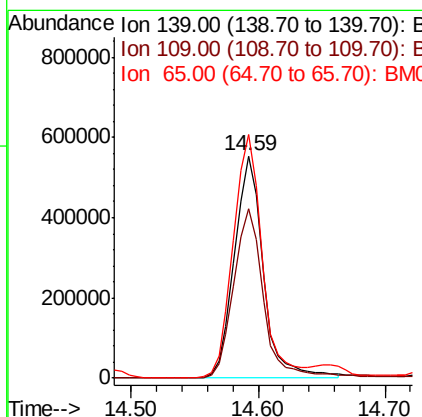
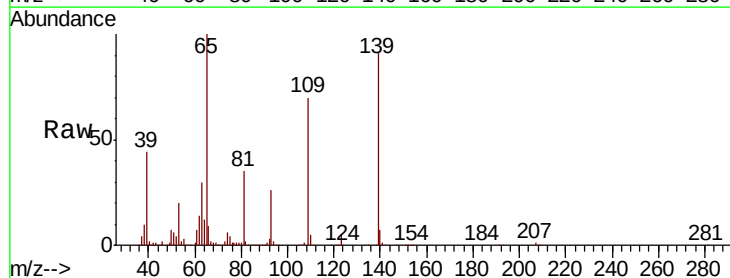
Manual Integrations
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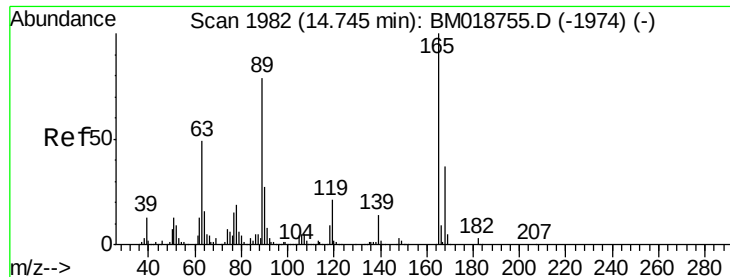
Sohil
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#56
4-Nitrophenol
Concen: 80.003 ng
RT: 14.59 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.5	58.4	98.4
65	109.7	89.8	129.8





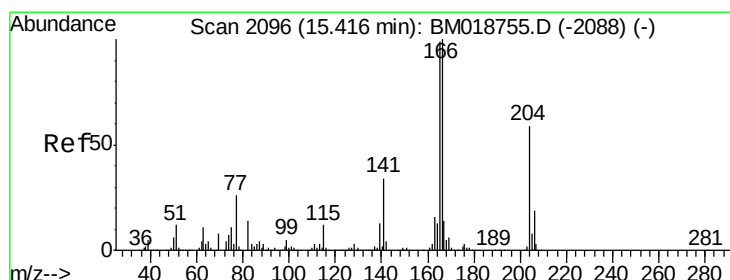
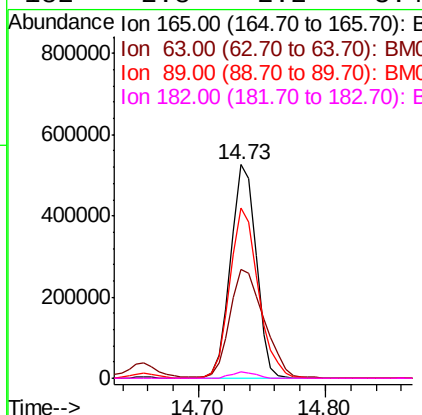
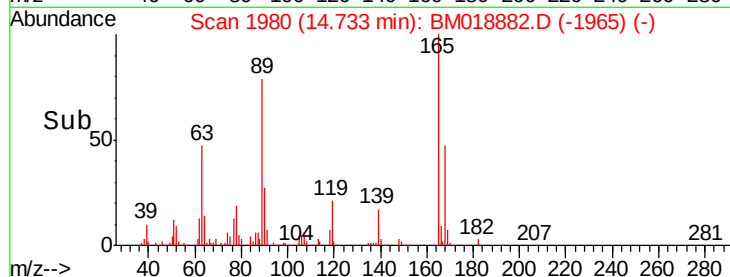
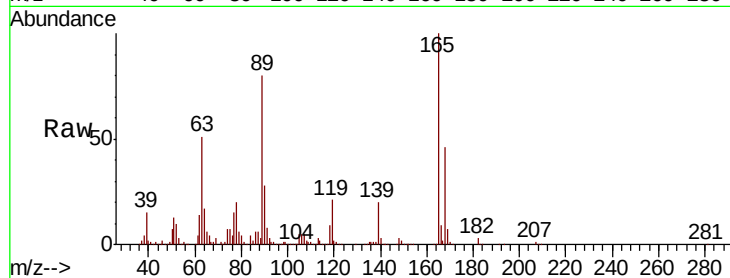
#57
2,4-Dinitrotoluene
Concen: 43.581 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.7	39.6	59.4
89	79.7	63.5	95.3
182	2.8	2.2	3.4

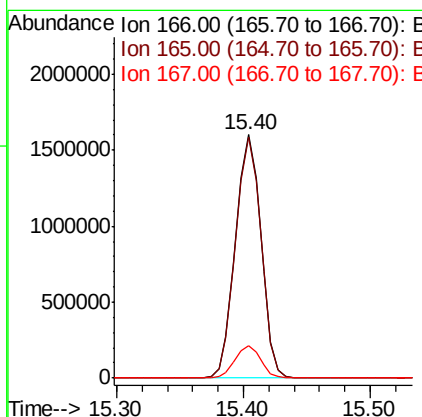
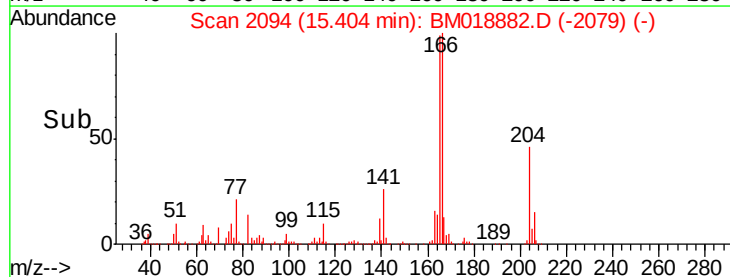
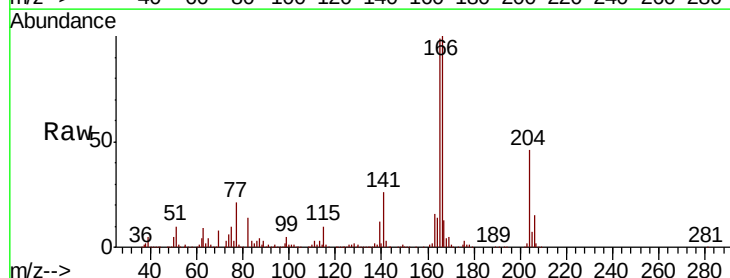
Manual Integrations
APPROVED

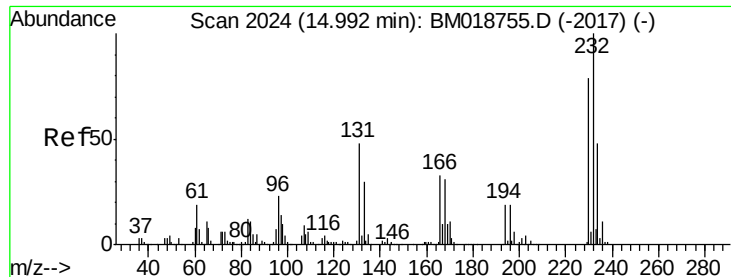
Sohil
2/21/2019 10:08:45 AM



#58
Fluorene
Concen: 43.633 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	13.5	11.0	16.4





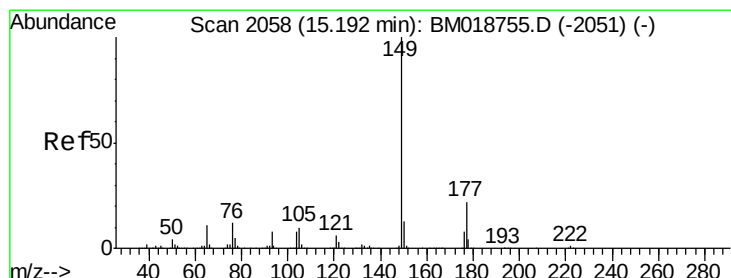
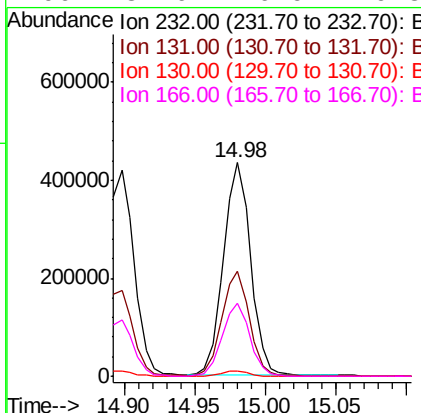
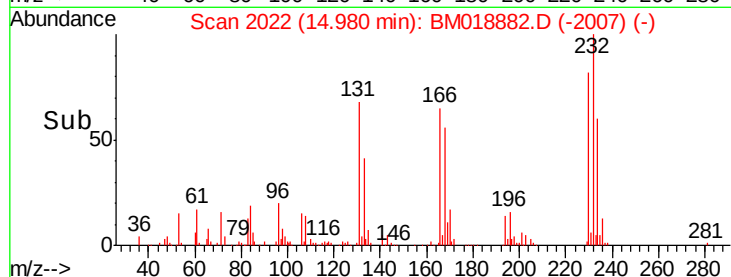
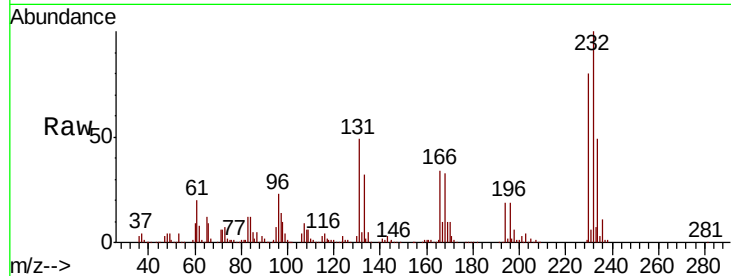
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.991 ng
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM018882.D
 Acq: 20 Feb 2019 13:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117236BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.7	38.6	57.8
130	2.6	2.0	3.0
166	34.6	26.9	40.3

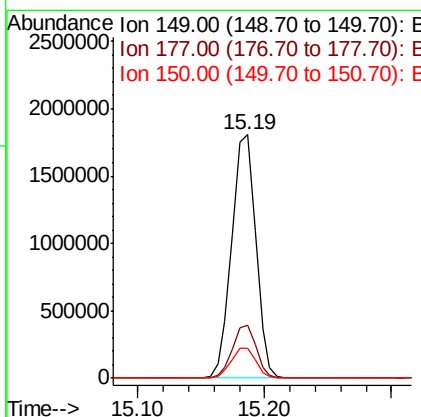
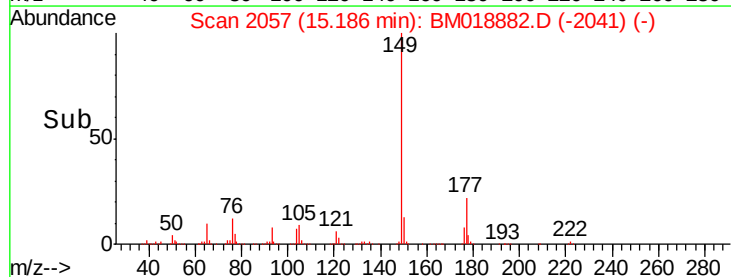
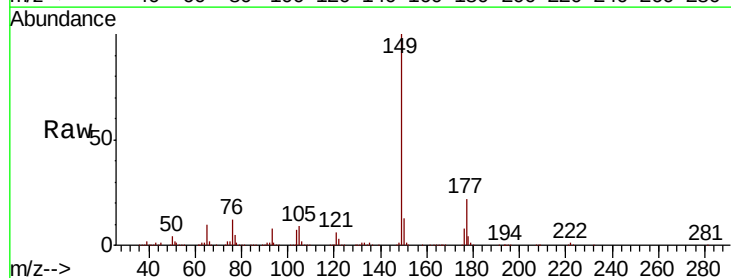
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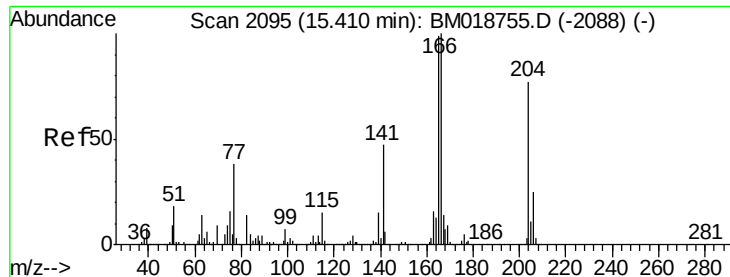
Sohil
 2/21/2019 10:08:45 AM



#60
 Diethylphthalate
 Concen: 40.971 ng
 RT: 15.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM018882.D
 Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.2	25.8
150	12.5	10.2	15.2





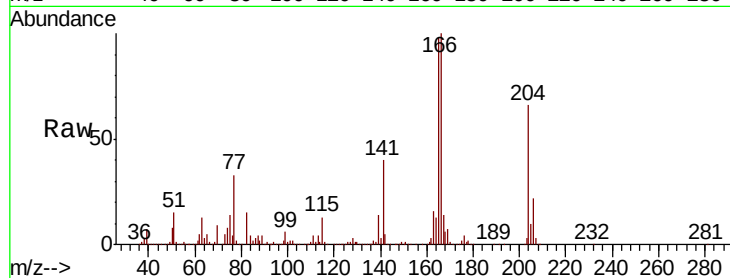
#61
4-Chlorophenyl-phenylether
Concen: 38.372 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	60.2	49.2	73.8

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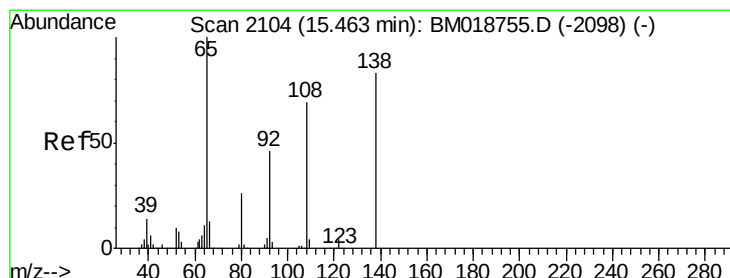
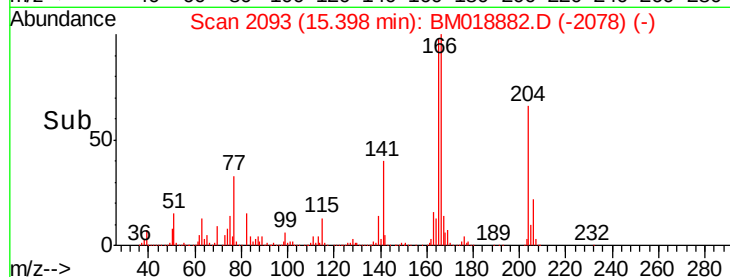
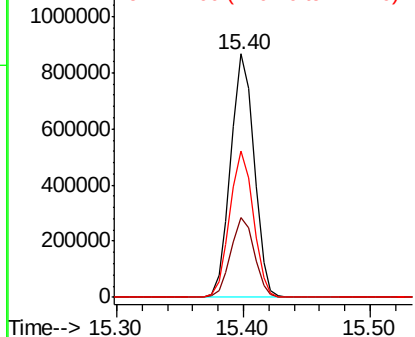


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.243 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

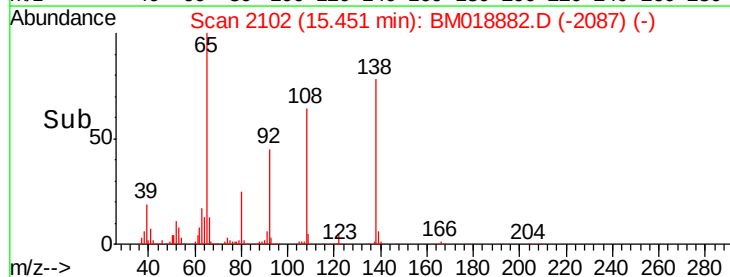
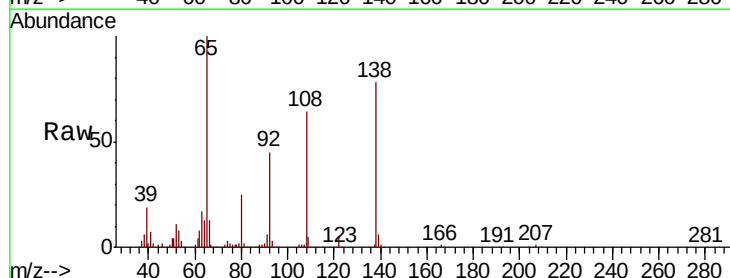
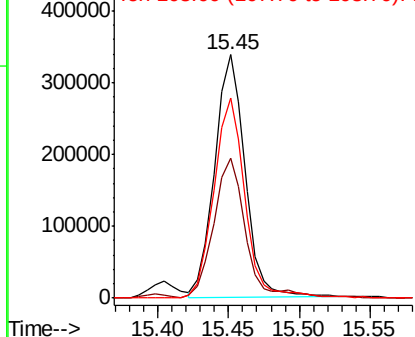
Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	35.5	75.5
108	82.2	62.4	102.4

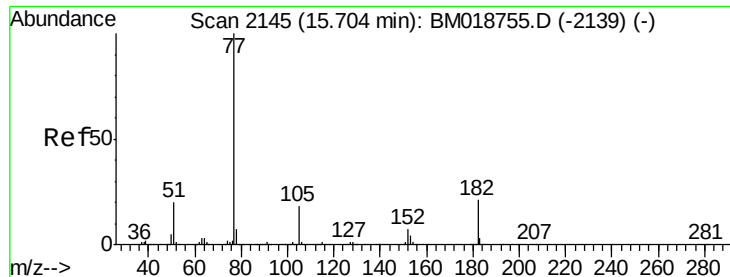
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





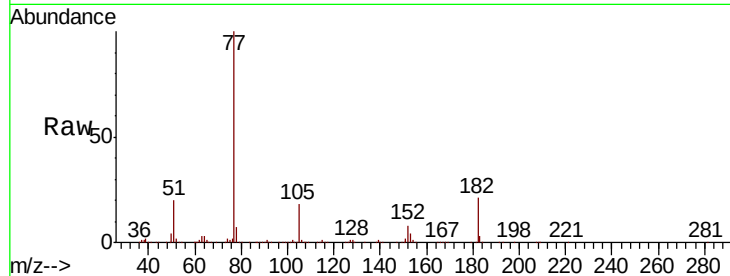
#63
Azobenzene
Concen: 41.793 ng
RT: 15.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	20.7	1.0	41.0	
105	17.6	0.0	37.7	
51	20.2	0.3	40.3	

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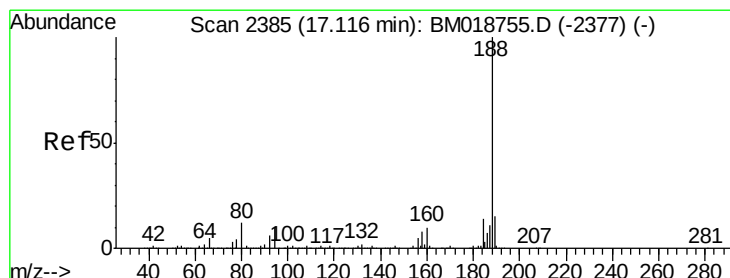
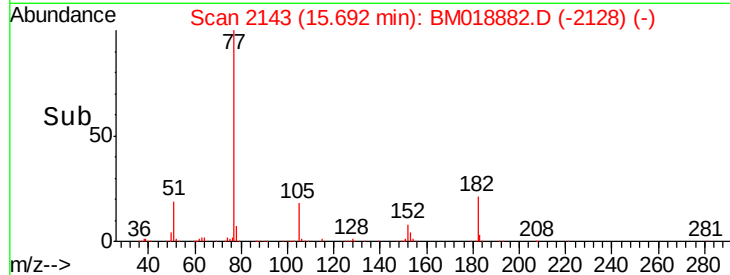
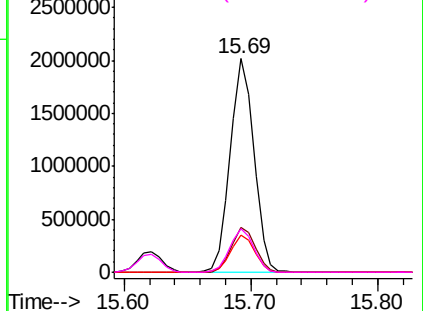
Abundance

Ion 77.00 (76.70 to 77.70): BM018882.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM018882.D (-2128) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

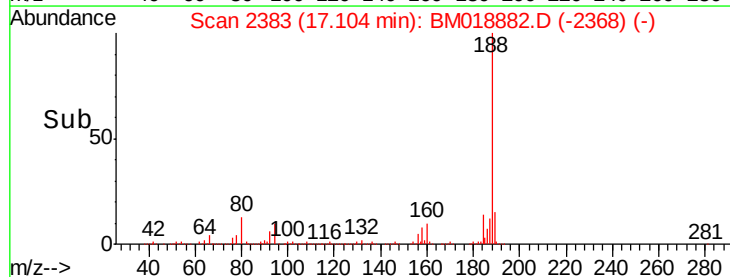
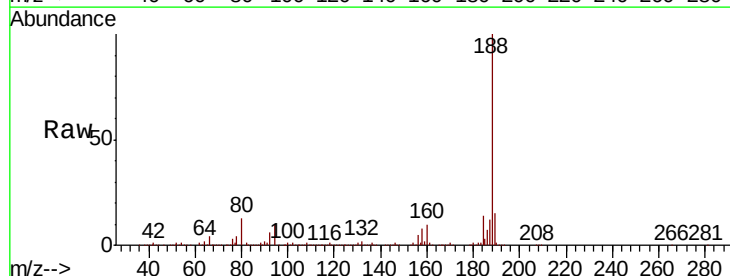
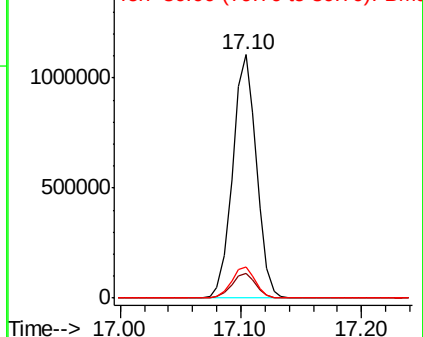
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	8.2	12.2	
80	12.5	9.7	14.5	

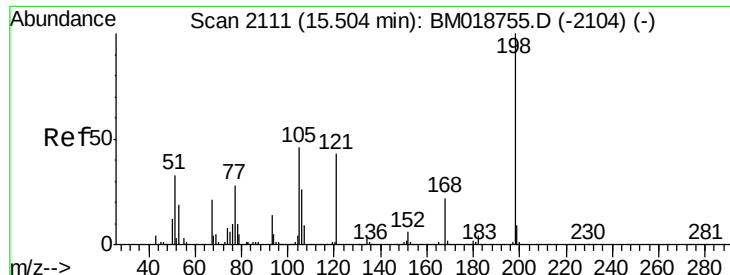
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018882.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018882.D (-2368) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 34.311 ng

RT: 15.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

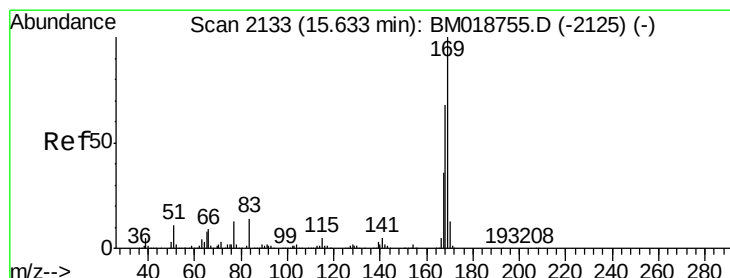
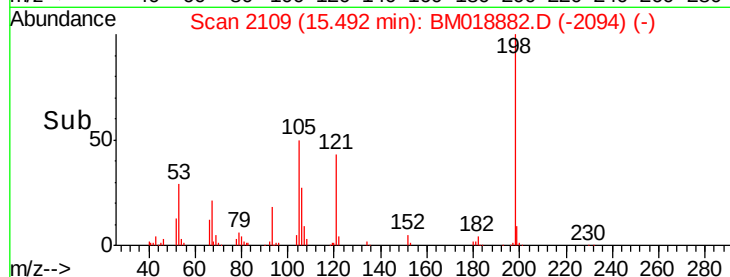
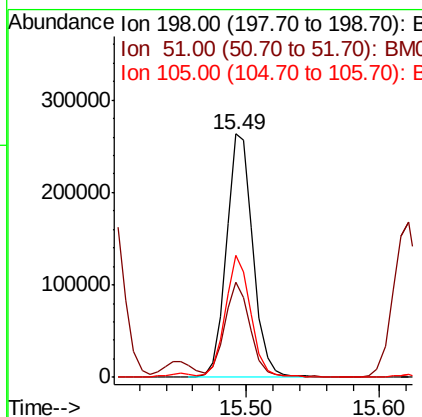
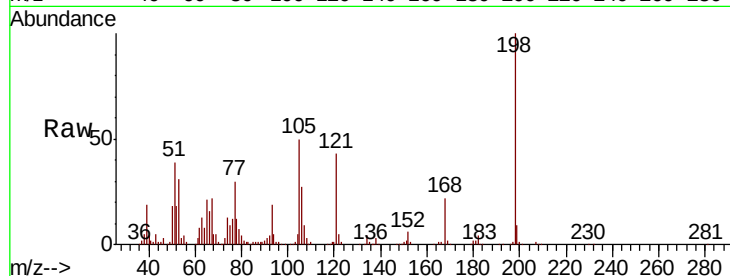
ClientSampleId :

PB117236BS

Tot Ion:	198	Resp:	365781
Ion Ratio	Lower	Upper	
198	100		
51	39.0	18.4	58.4
105	49.9	27.2	67.2

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#66

n-Nitrosodiphenylamine

Concen: 40.847 ng

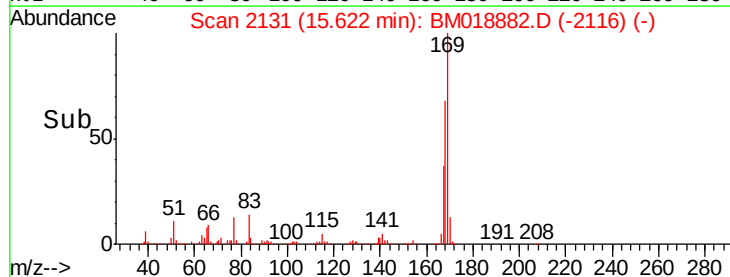
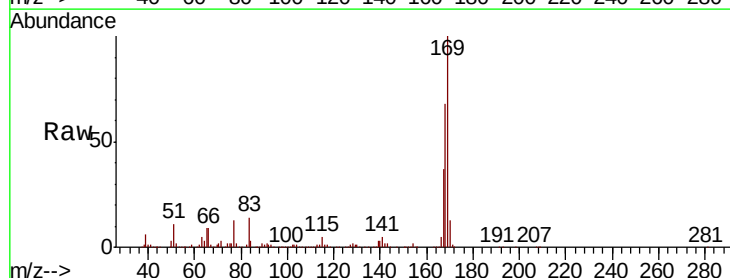
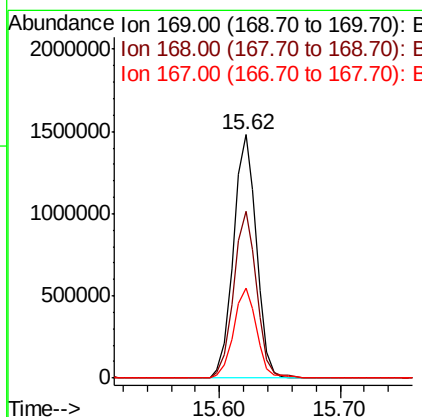
RT: 15.62 min Scan# 2131

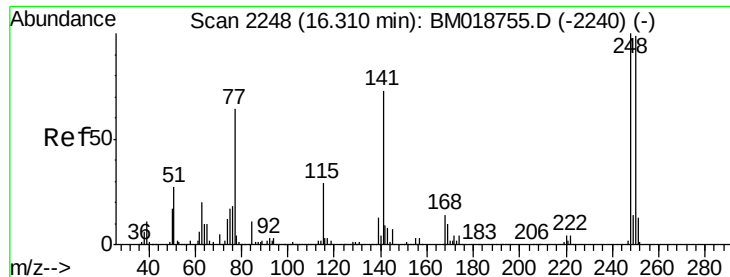
Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Tgt Ion:	169	Resp:	1959545
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.4	81.6
167	36.7	29.0	43.6





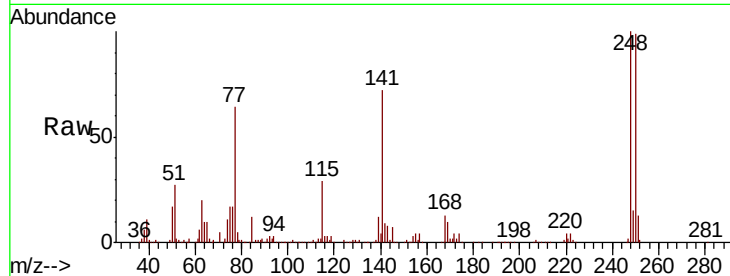
#67
4-Bromophenyl-phenylether
Concen: 39.078 ng
RT: 16.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	79.0	118.6
141	72.4	58.6	88.0

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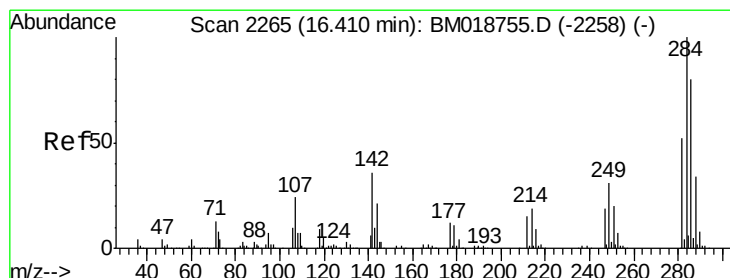
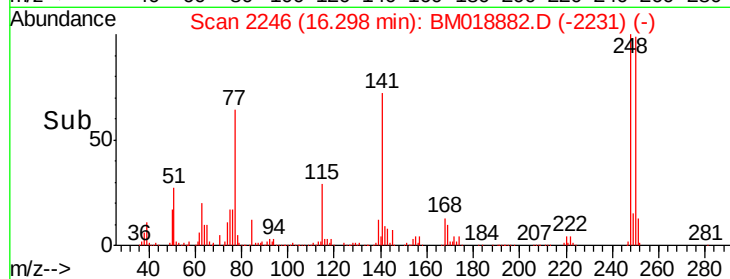
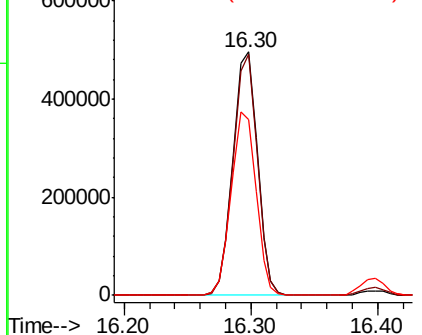


Abundance

Ion 248.00 (247.70 to 248.70): E

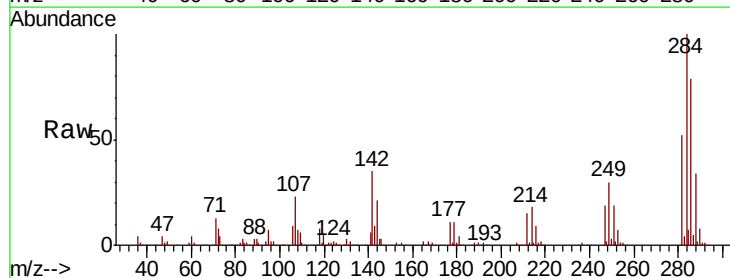
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.045 ng
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.9	43.3
249	29.8	24.8	37.2

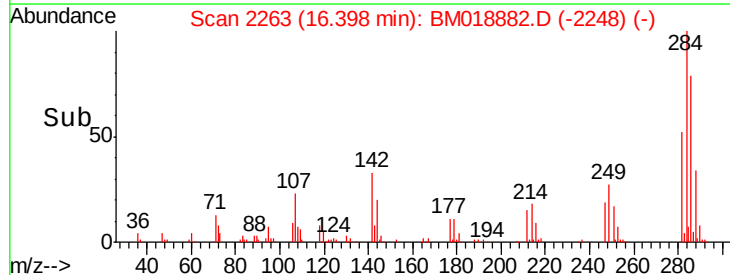
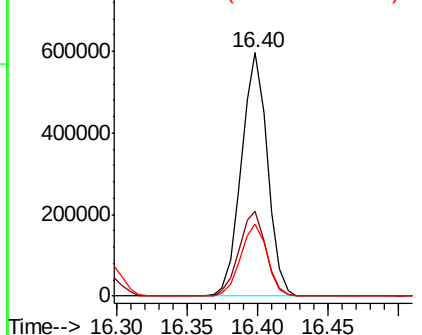


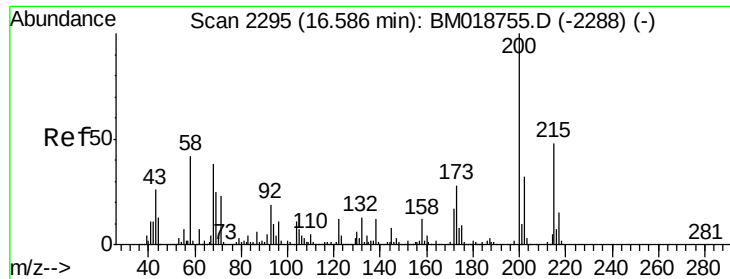
Abundance

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





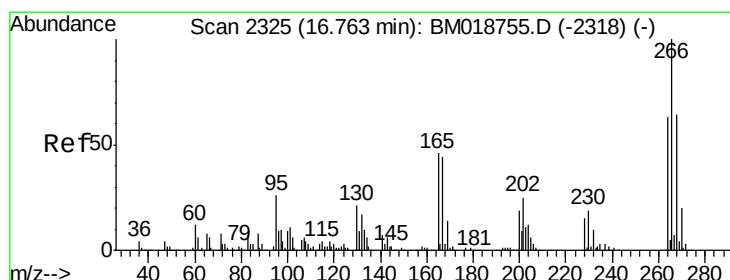
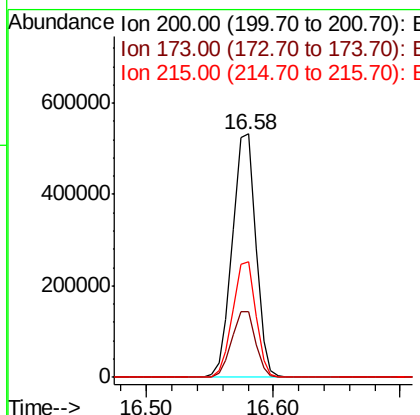
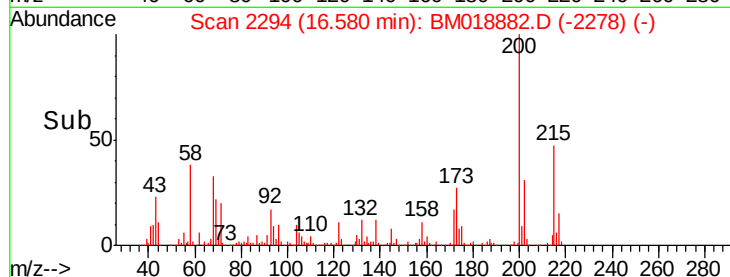
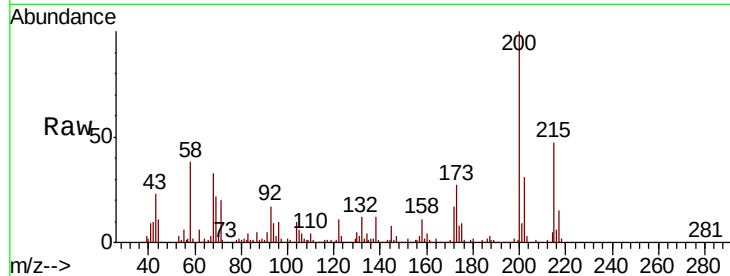
#69
Atrazine
Concen: 44.087 ng
RT: 16.58 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	681840		
173	26.7	7.6	47.6	
215	47.3	27.6	67.6	

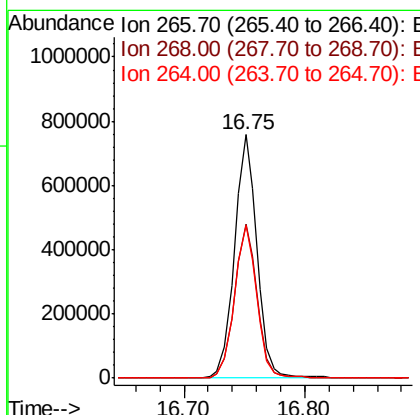
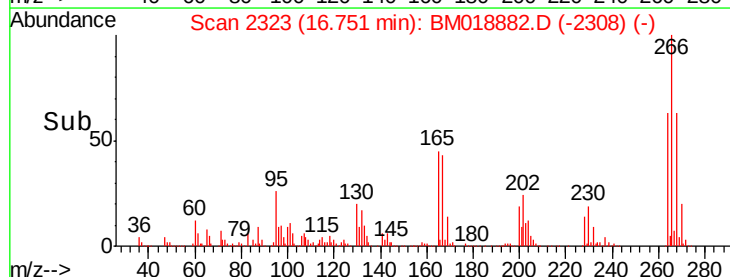
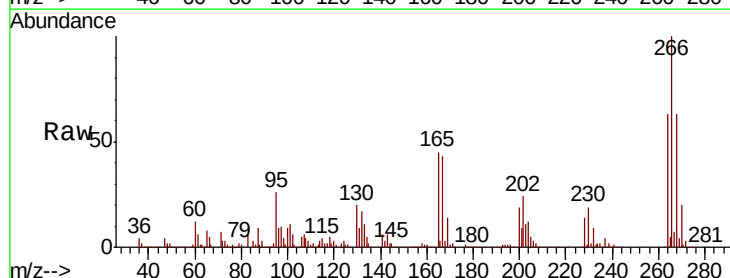
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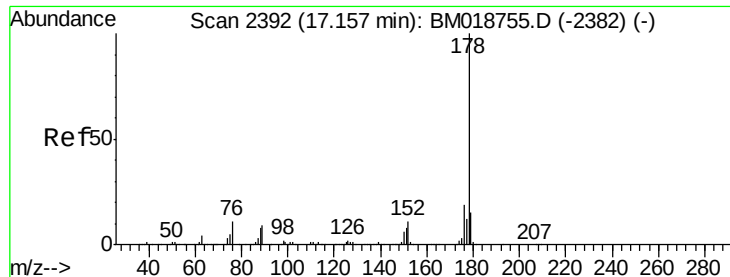
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#70
Pentachlorophenol
Concen: 77.211 ng
RT: 16.75 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	982117		
268	63.5	51.3	76.9	
264	62.9	50.6	75.8	





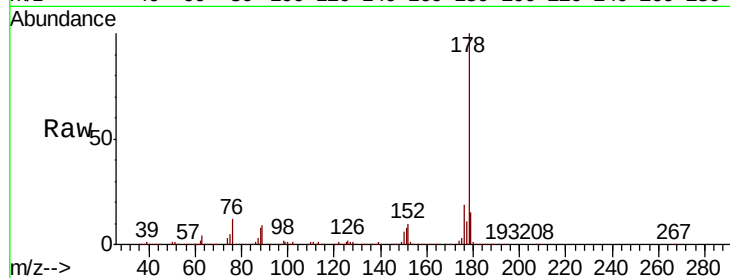
#71
Phenanthrene
Concen: 43.268 ng
RT: 17.15 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

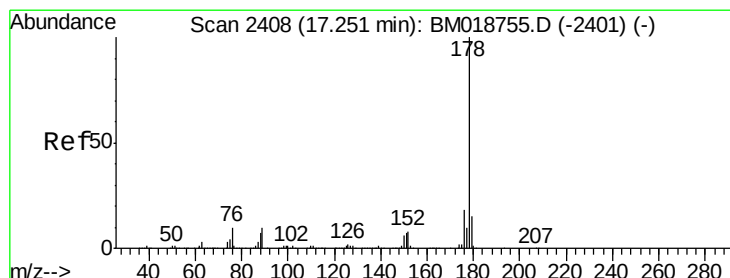
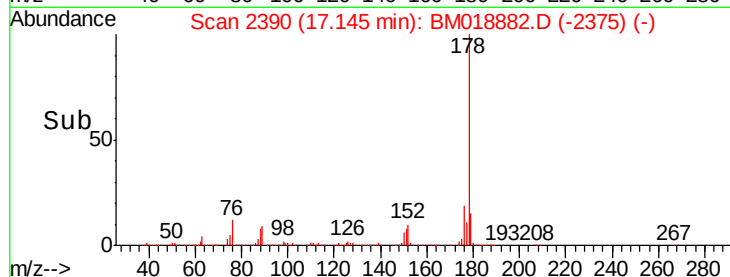
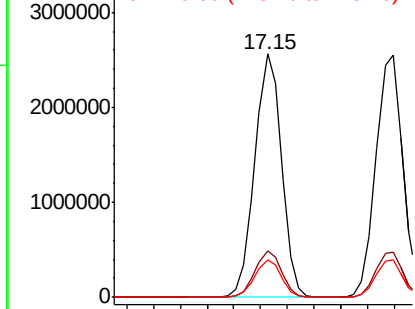
Tot Ion:178 Resp: 3530721
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.3 18.5

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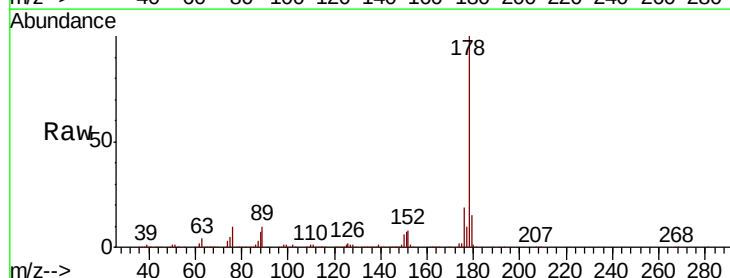


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

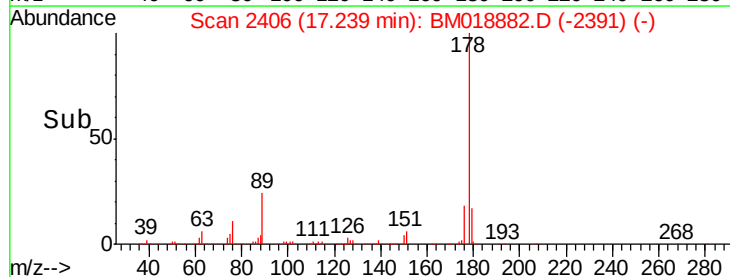
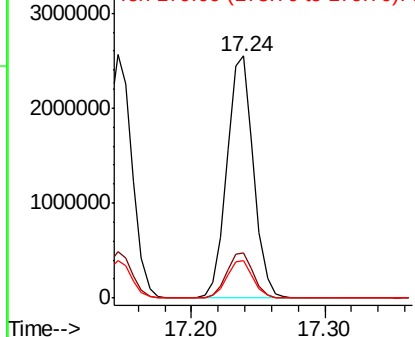


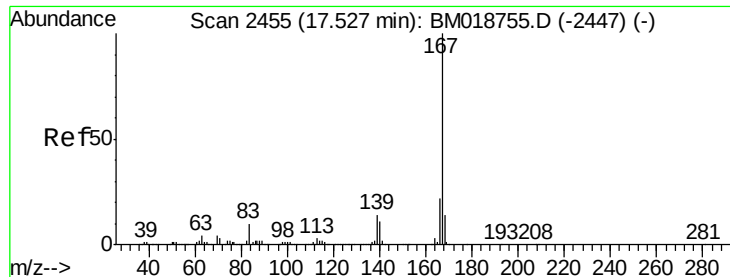
#72
Anthracene
Concen: 44.643 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion:178 Resp: 3545777
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.3 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





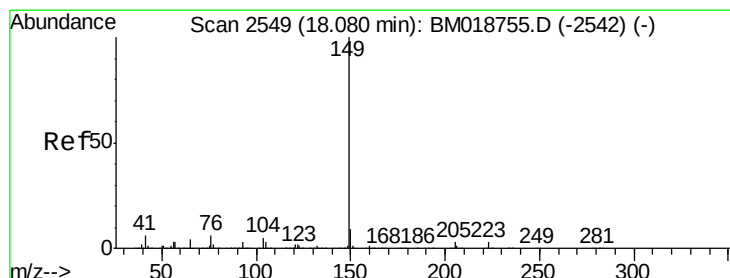
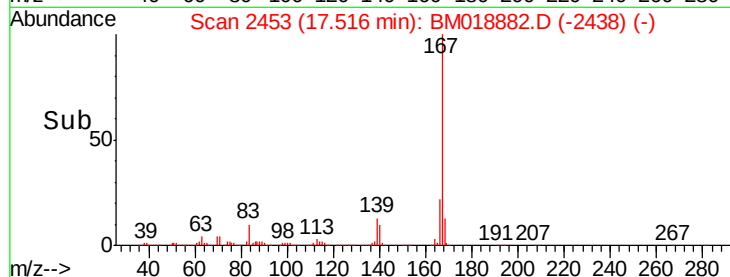
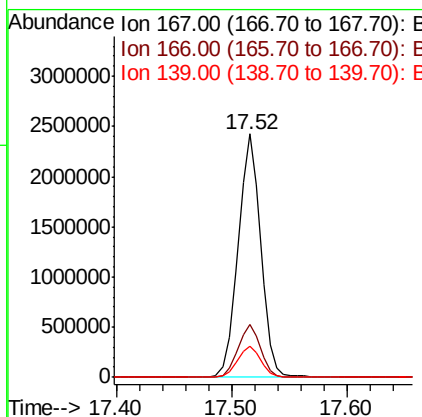
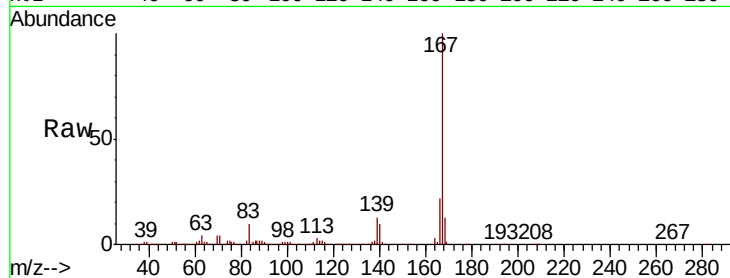
#73
 Carbazole
 Concen: 39.594 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM018882.D
 Acq: 20 Feb 2019 13:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117236BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.9	10.9	16.3

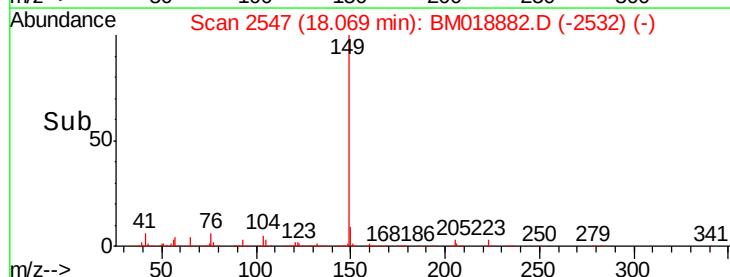
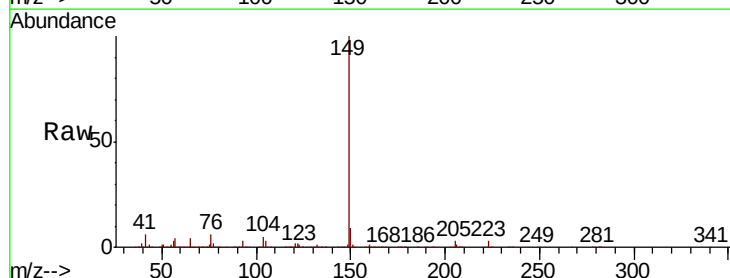
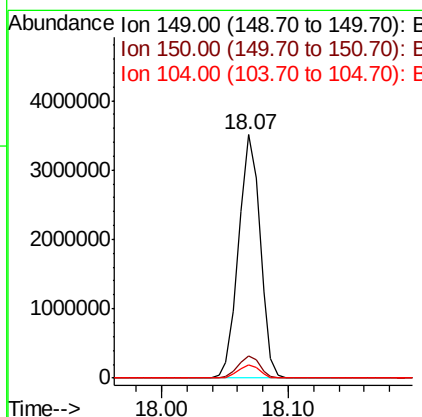
Manual Integrations
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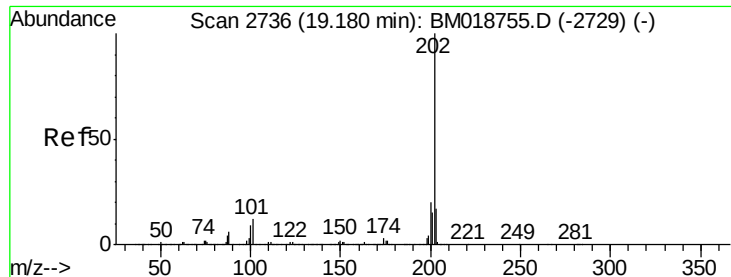
Sohil
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#74
 Di-n-butylphthalate
 Concen: 43.067 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BM018882.D
 Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 43.120 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

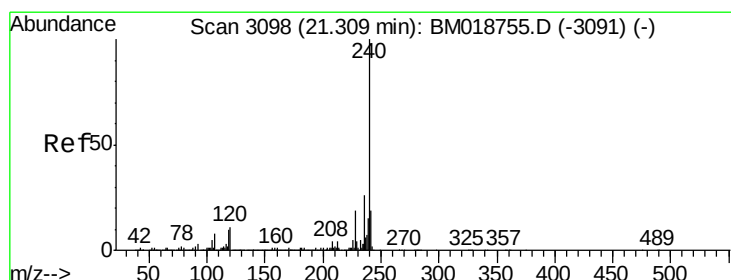
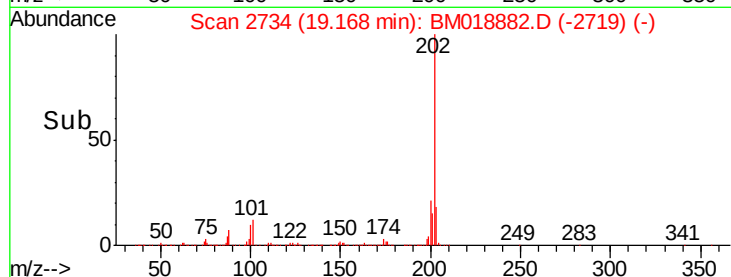
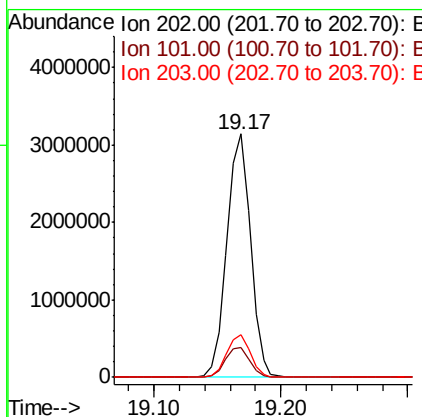
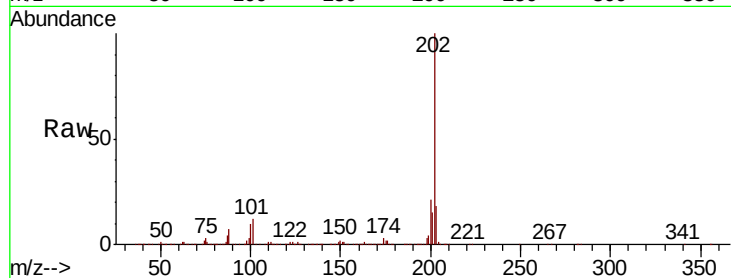
ClientSampleId :

PB117236BS

Tot Ion:	202	Resp:	4064459
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.5
203	17.6	0.0	37.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

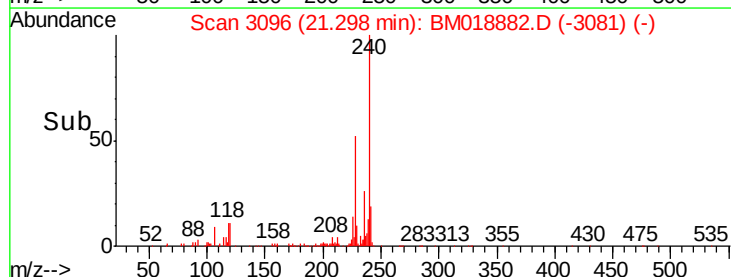
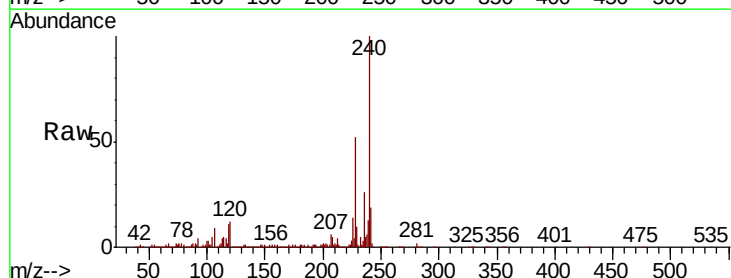
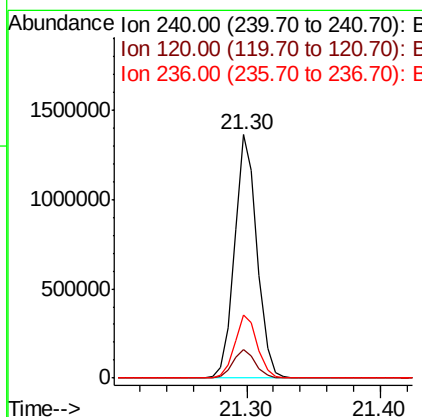
RT: 21.30 min Scan# 3096

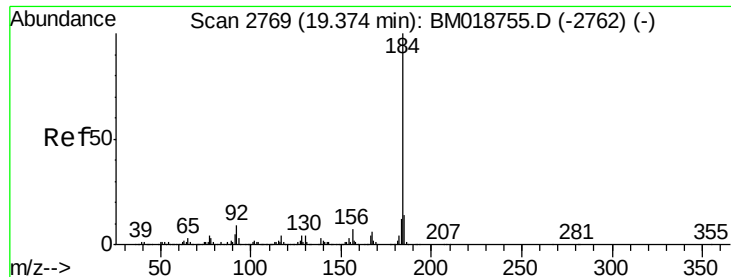
Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Tgt Ion:	240	Resp:	1593235
Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	25.9	20.9	31.3





#77

Benzidine

Concen: 44.189 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

ClientSampleId :

PB117236BS

Tot Ion:184 Resp: 1585583

Ion Ratio Lower Upper

184 100

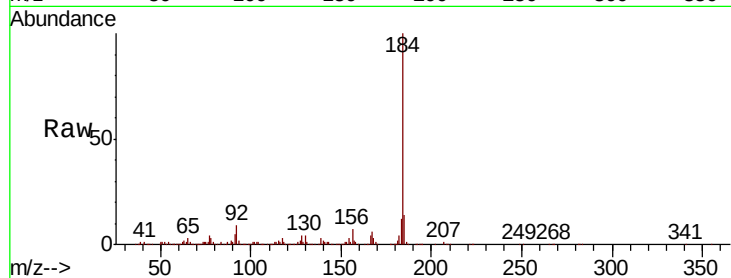
185 13.9 11.2 16.8

183 12.5 9.7 14.5

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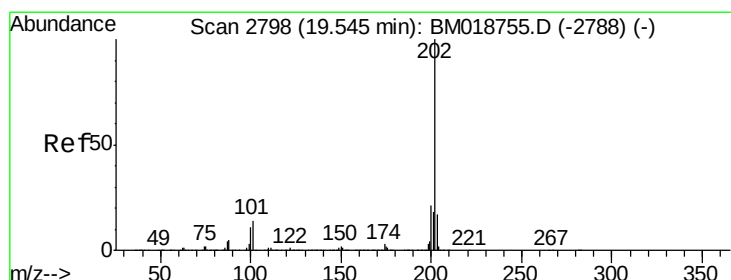
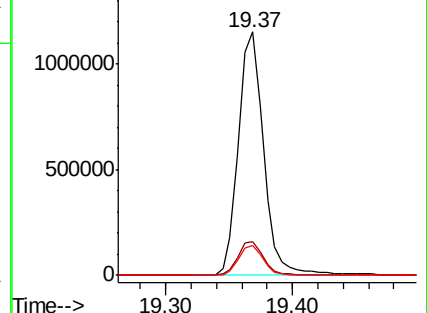
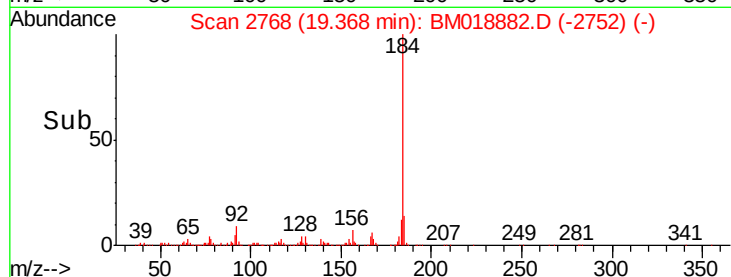


Abundance

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: 44.766 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

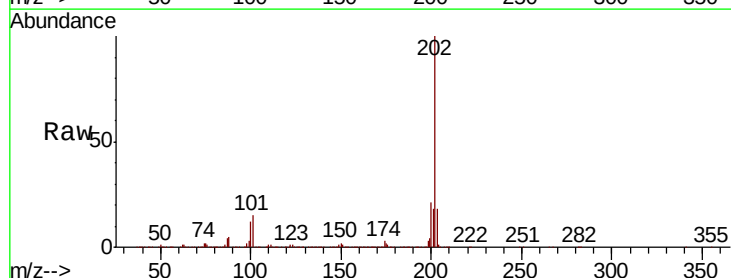
Tgt Ion:202 Resp: 4142329

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.5 13.8 20.8

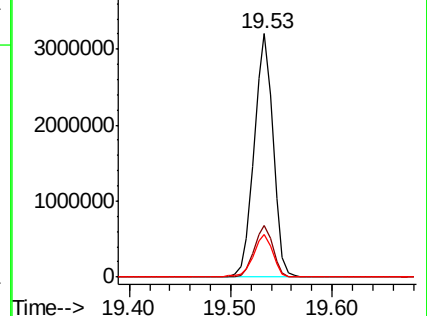
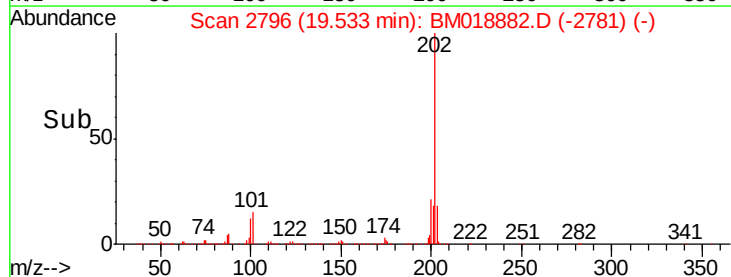


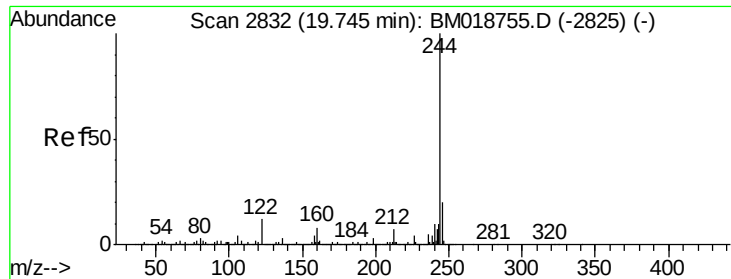
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.627 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

ClientSampleId :

PB117236BS

Tot Ion:244 Resp: 6999351

Ion Ratio Lower Upper

244 100

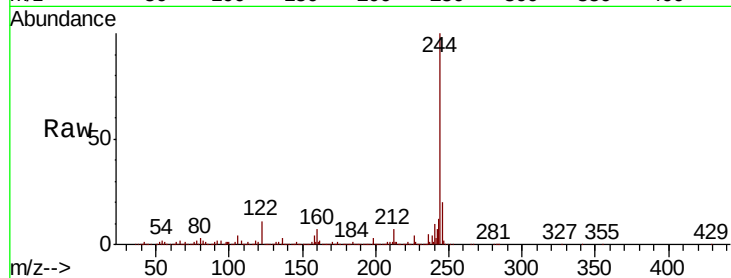
212 7.1 5.6 8.4

122 11.1 9.3 13.9

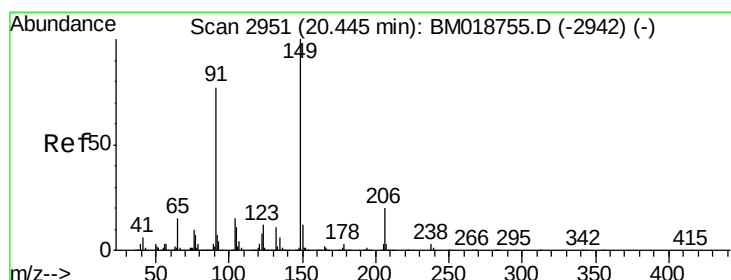
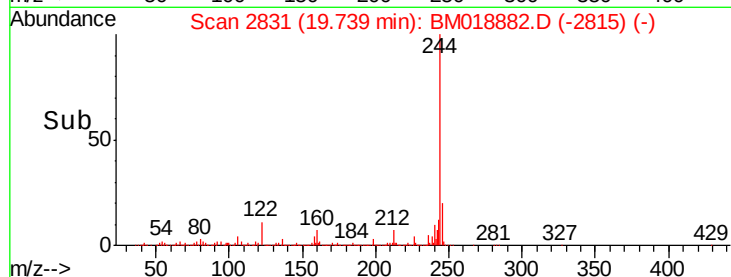
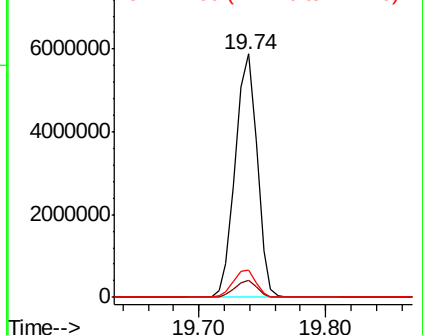
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Abundance Ion 244.00 (243.70 to 244.70): E
8000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.614 ng

RT: 20.43 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

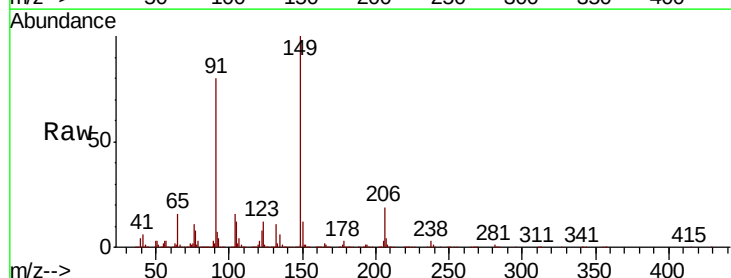
Tgt Ion:149 Resp: 1965780

Ion Ratio Lower Upper

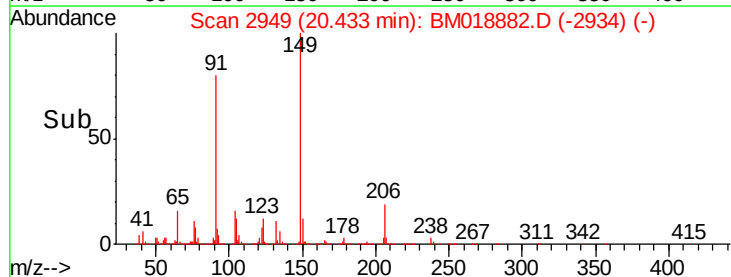
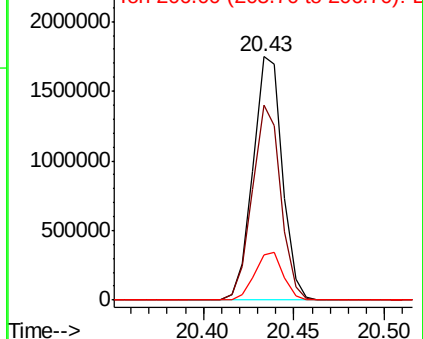
149 100

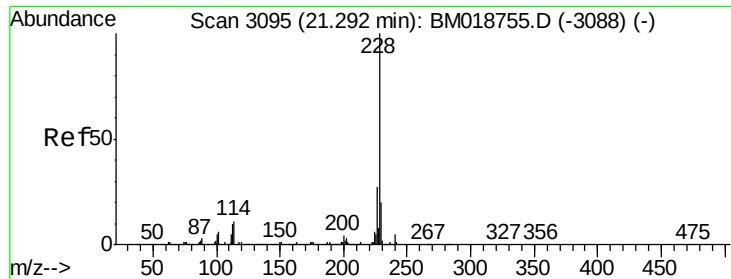
91 79.8 61.4 92.0

206 18.7 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.878 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

ClientSampleId :

PB117236BS

Tot Ion:228 Resp: 4075026

Ion Ratio Lower Upper

228 100

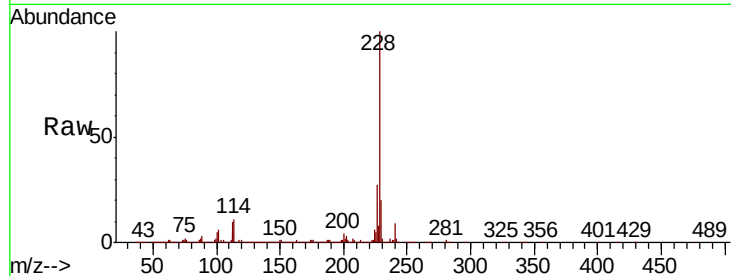
226 27.3 21.9 32.9

229 19.9 15.9 23.9

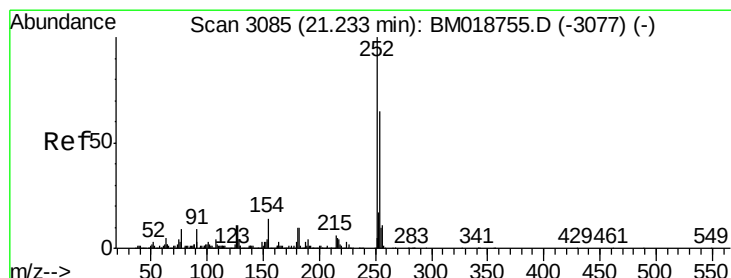
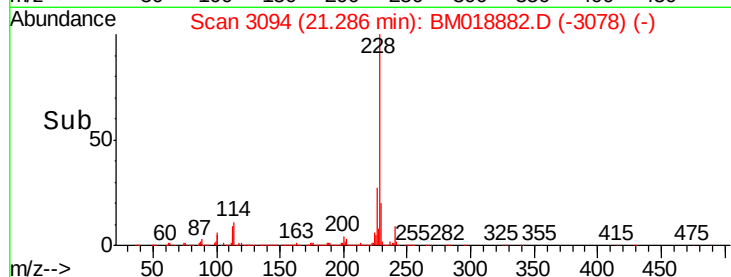
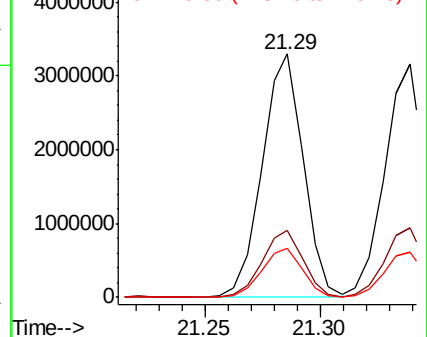
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.799 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

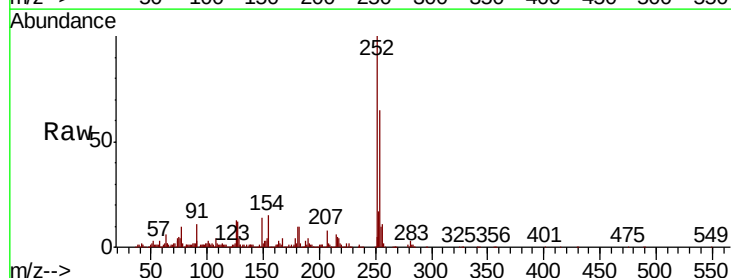
Tgt Ion:252 Resp: 1093760

Ion Ratio Lower Upper

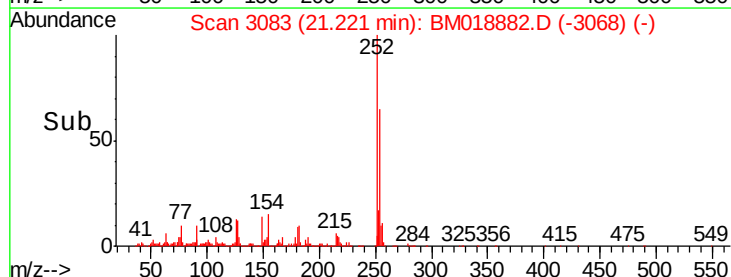
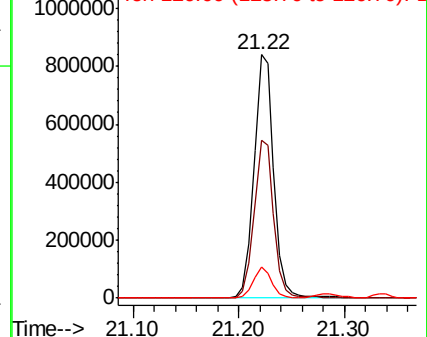
252 100

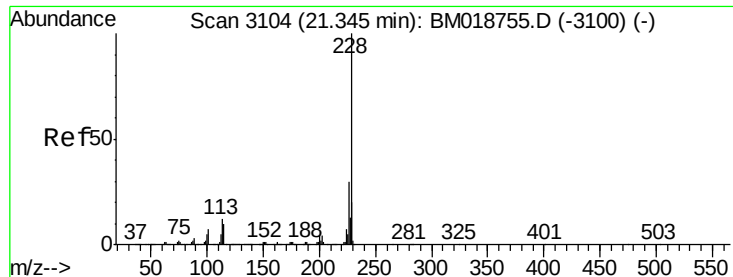
254 64.6 51.8 77.8

126 12.6 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





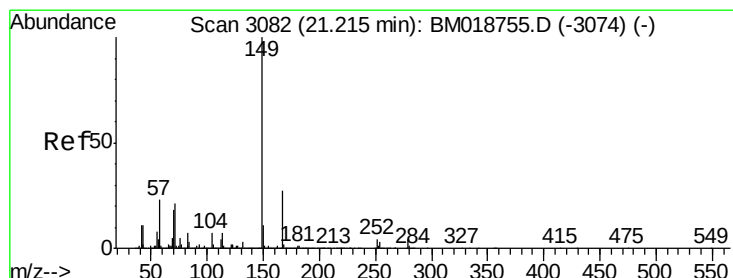
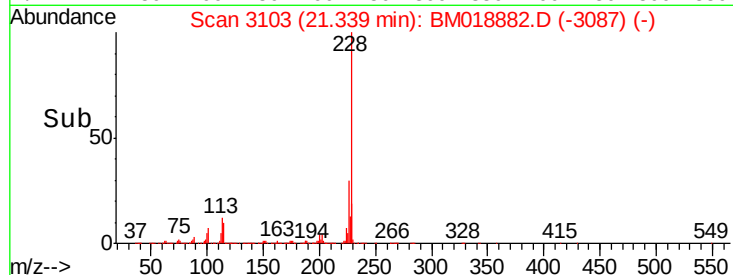
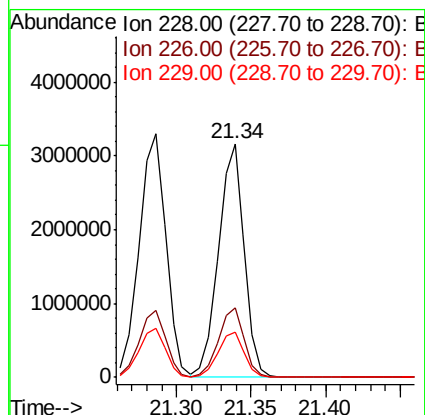
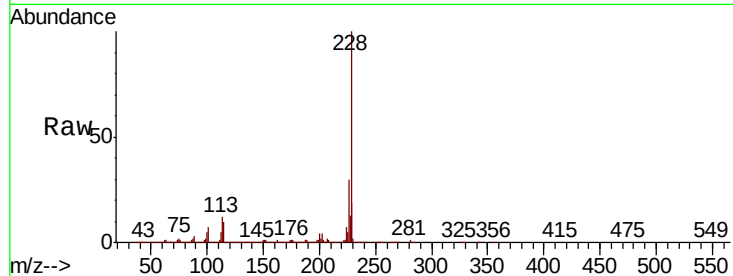
#83
Chrysene
Concen: 42.790 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.3	16.0	24.0

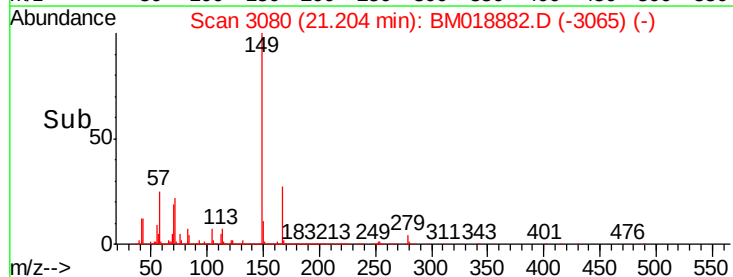
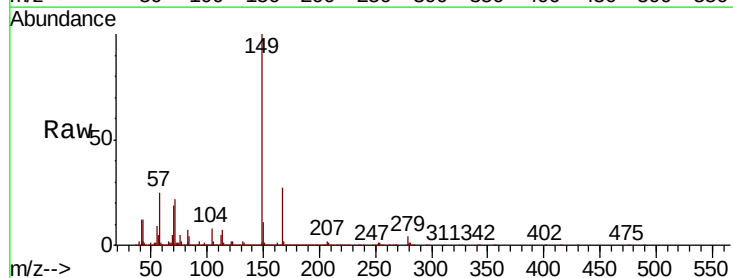
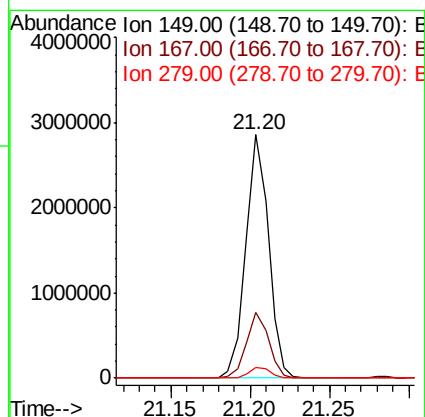
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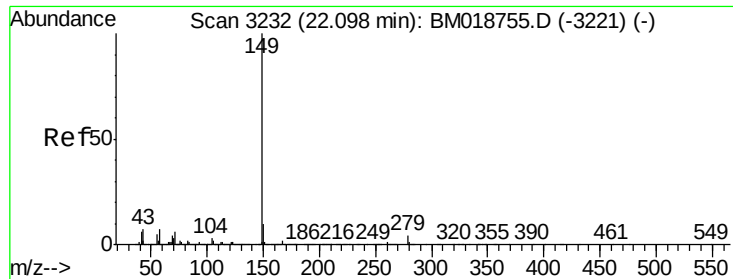
Sohil
2/21/2019 10:08:45 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.965 ng
RT: 21.20 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.6
279	4.2	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 47.859 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

Instrument :

BNA_M

ClientSampled :

PB117236BS

Tot Ion:149 Resp: 4964762

Ion Ratio Lower Upper

149 100

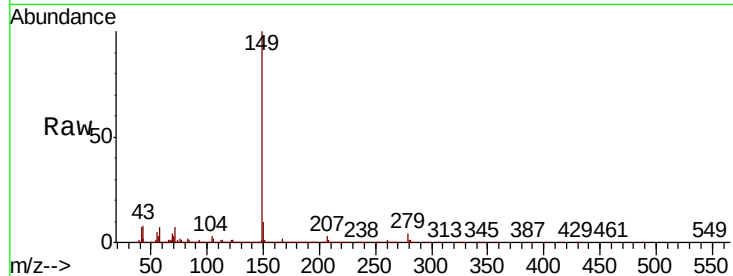
167 1.5 1.3 1.9

43 7.6 6.0 9.0

Manual Integrations
APPROVED

Sohil

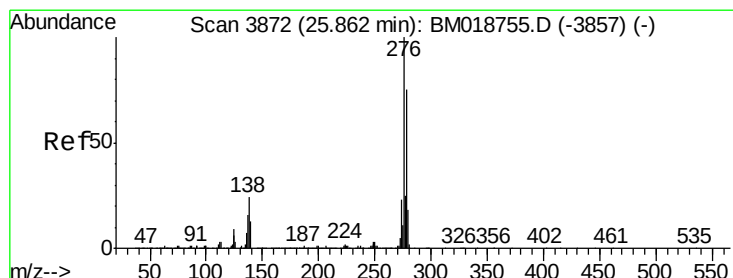
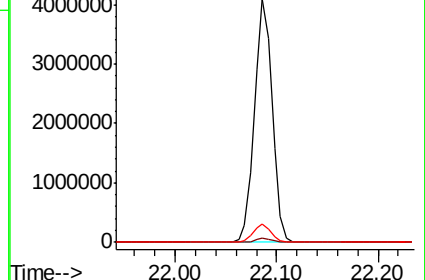
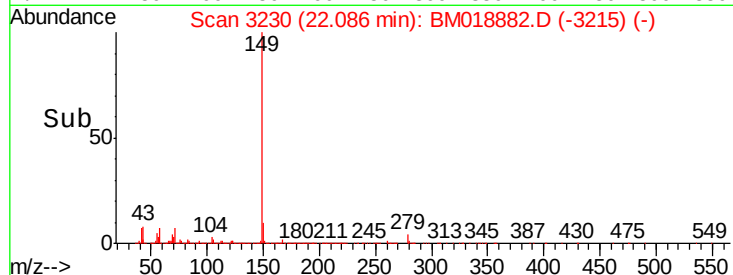
2/21/2019 10:08:45 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.207 ng

RT: 25.84 min Scan# 3868

Delta R.T. -0.02 min

Lab File: BM018882.D

Acq: 20 Feb 2019 13:52

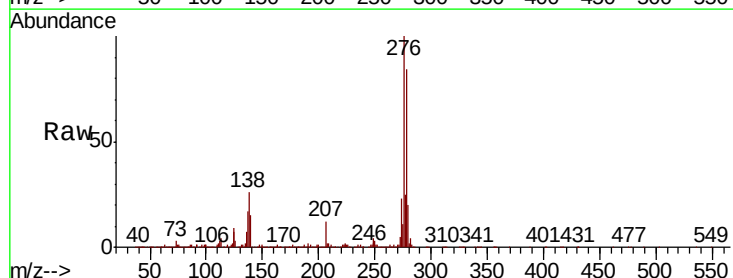
Tgt Ion:276 Resp: 3926683

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

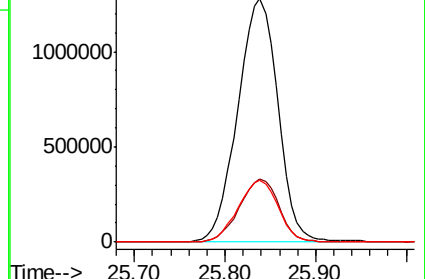
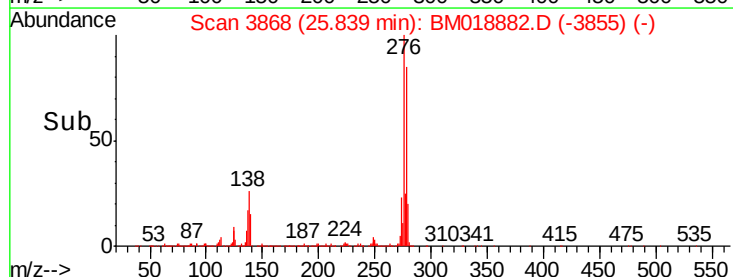
277 25.3 20.3 30.5

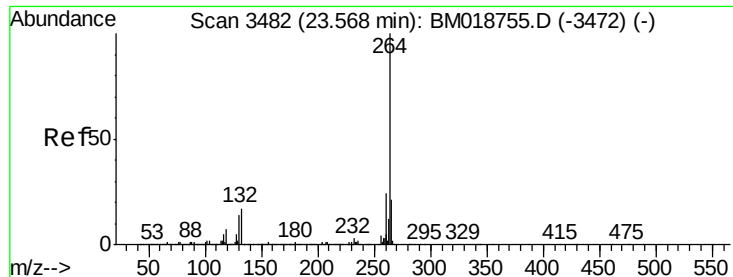


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





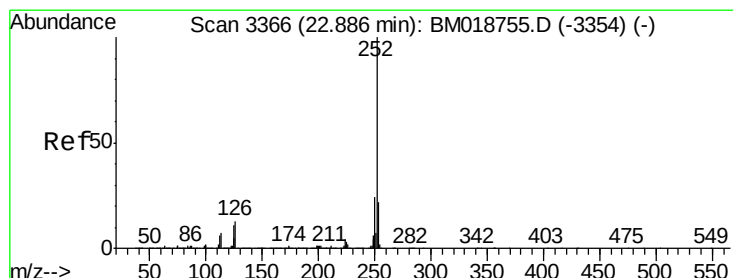
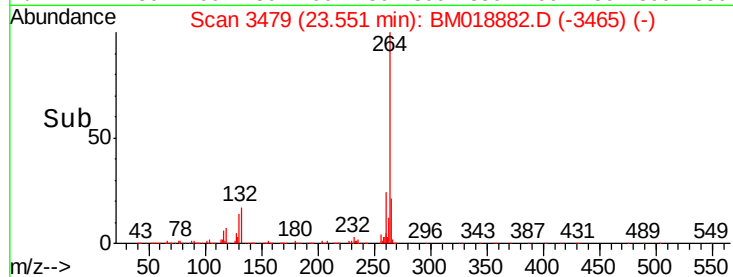
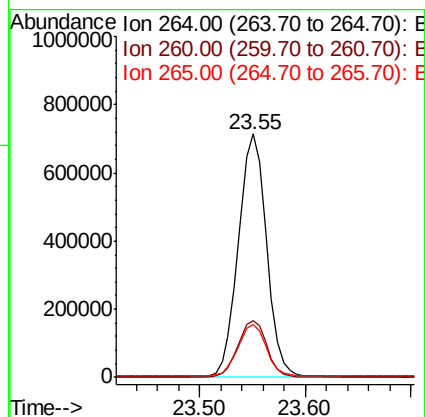
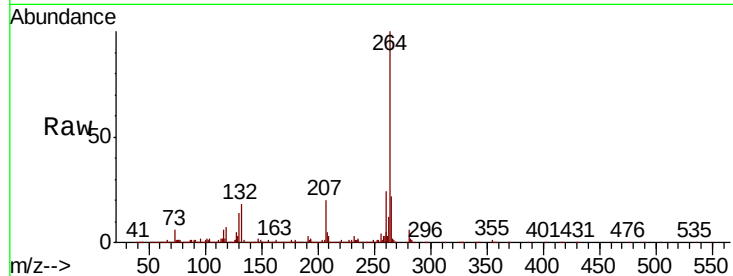
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.8	17.3	25.9

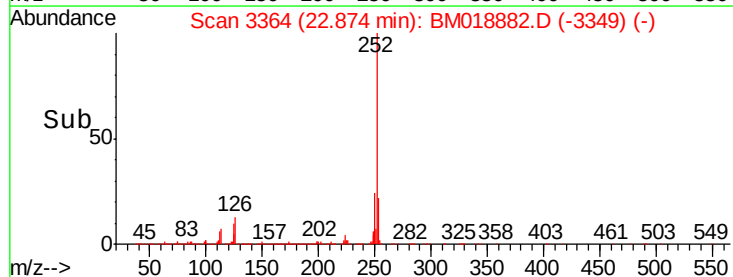
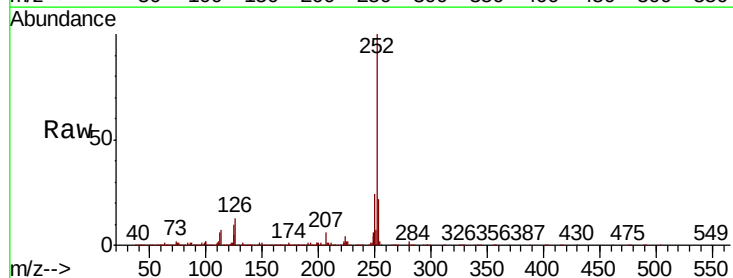
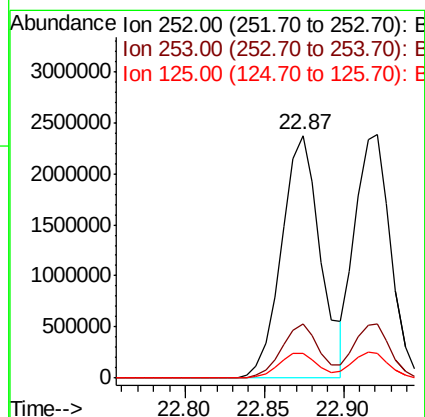
Manual Integrations
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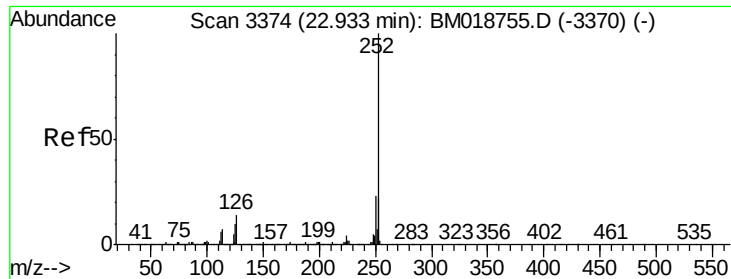
Sohil
2/21/2019 10:08:45 AM



#88
Benzo(b)fluoranthene
Concen: 53.297 ng
RT: 22.87 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	8.6	12.8





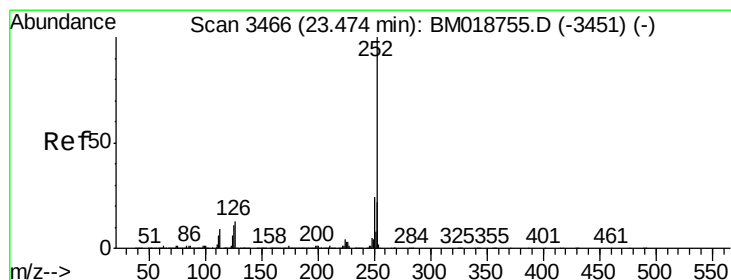
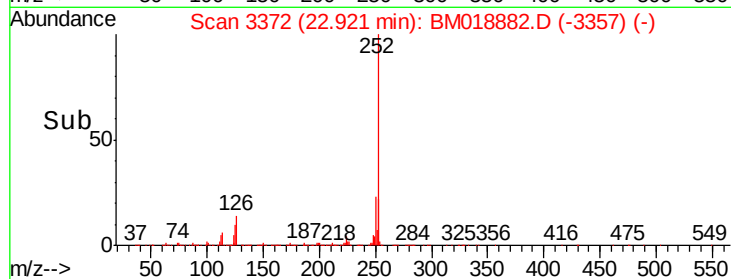
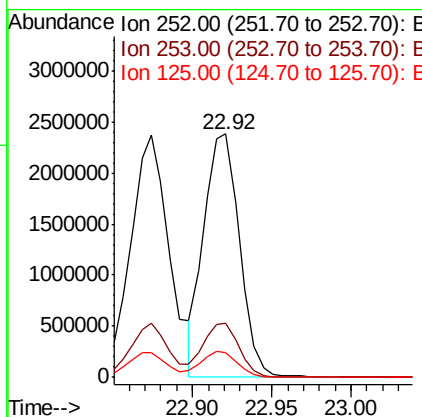
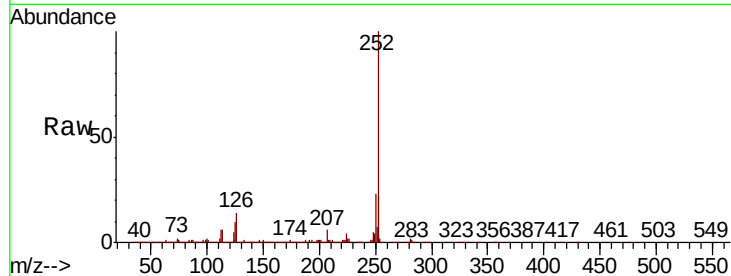
#89
Benzo(k)fluoranthene
Concen: 49.357 ng
RT: 22.92 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.1	8.2	12.4

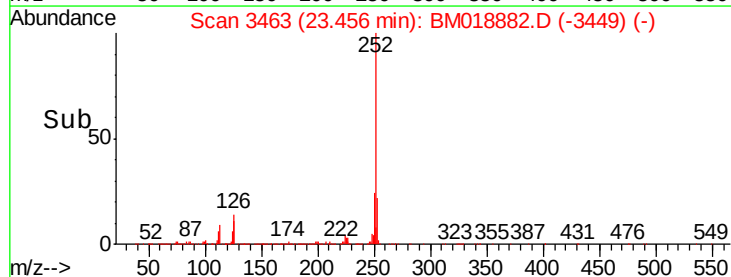
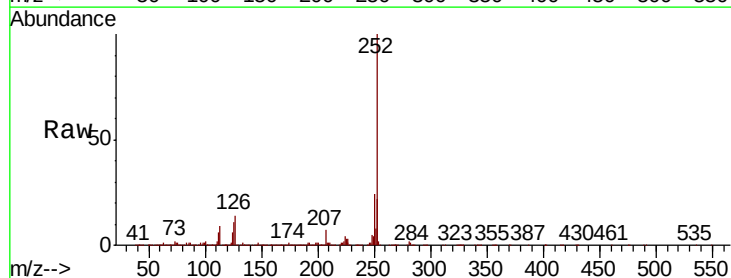
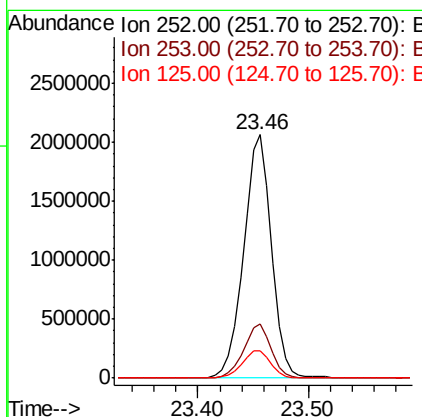
Manual Integrations
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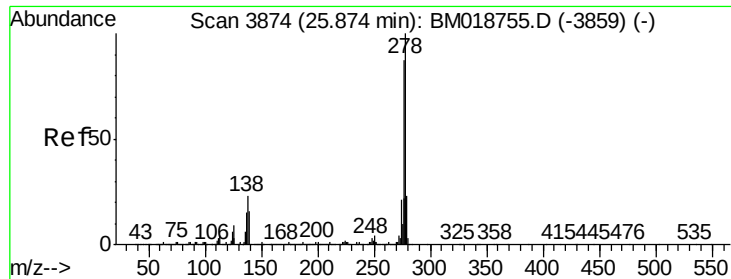
Sohil
2/21/2019 10:08:45 AM



#90
Benzo(a)pyrene
Concen: 50.703 ng
RT: 23.46 min Scan# 3463
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.2	8.6	13.0





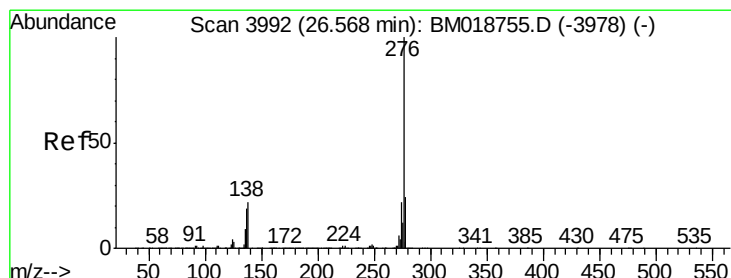
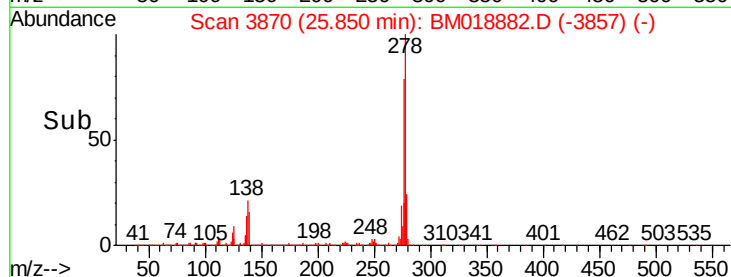
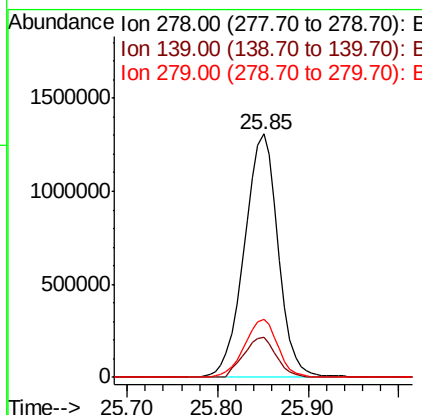
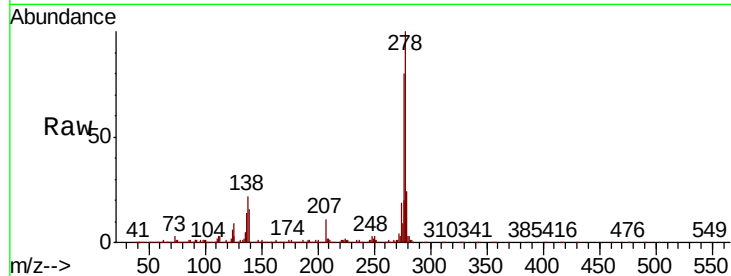
#91
Dibenzo(a,h)anthracene
Concen: 47.527 ng
RT: 25.85 min Scan# 3870
Delta R.T. -0.02 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

Instrument :
BNA_M
ClientSampleId :
PB117236BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	23.8	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/21/2019 10:08:45 AM



#92
Benzo(g,h,i)perylene
Concen: 46.420 ng
RT: 26.54 min Scan# 3987
Delta R.T. -0.03 min
Lab File: BM018882.D
Acq: 20 Feb 2019 13:52

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

