

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018911.D
 Acq On : 25 Feb 2019 12:16
 Operator : JU/SJ
 Sample : PB117339BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

Manual Integrations
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Sohil
 2/26/2019 12:05:59 PM

Quant Time: Feb 25 13:17:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 12:45:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	246570	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1033178	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	594328	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1323157	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1285487	20.00	ng	0.00
87) Perylene-d12	23.55	264	1109031	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2395851	159.21	ng	0.00
7) Phenol-d6	6.87	99	3324322	156.81	ng	0.00
23) Nitrobenzene-d5	8.86	82	1776830	79.52	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1313743	153.35	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	3559773	79.51	ng	0.00
79) Terphenyl-d14	19.73	244	5909731	94.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	237244	36.196	ng	96
3) Pyridine	3.64	79	693669	38.799	ng	99
4) n-Nitrosodimethylamine	3.56	42	209764	46.120	ng	93
6) Aniline	7.04	93	833268	32.079	ng	100
8) 2-Chlorophenol	7.26	128	742486	44.939	ng	98
9) Benzaldehyde	6.86	77	278146	20.787	ng	99
10) Phenol	6.90	94	1015085	45.506	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	685071	40.261	ng	98
12) 1,3-Dichlorobenzene	7.58	146	731711	39.385	ng	99
13) 1,4-Dichlorobenzene	7.73	146	751272	39.721	ng	100
14) 1,2-Dichlorobenzene	8.05	146	726561	39.992	ng	99
15) Benzyl Alcohol	7.95	79	722757	42.906	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.23	45	669975	40.681	ng	97
17) 2-Methylphenol	8.14	107	634668	44.703	ng	98
18) Hexachloroethane	8.76	117	275485	39.900	ng	99
19) n-Nitroso-di-n-propylamine	8.51	70	648579	39.512	ng	99
20) 3+4-Methylphenols	8.47	107	859926	43.863	ng	99
22) Acetophenone	8.53	105	1084832	38.235	ng	99
24) Nitrobenzene	8.91	77	936634	40.383	ng	99
25) Isophorone	9.43	82	1618654	45.400	ng	100
26) 2-Nitrophenol	9.61	139	384478	41.626	ng	99
27) 2,4-Dimethylphenol	9.67	122	664015	49.221	ng	100
28) bis(2-Chloroethoxy)methane	9.91	93	969711	42.060	ng	100
29) 2,4-Dichlorophenol	10.13	162	687032	44.352	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	709809	39.678	ng	97
31) Naphthalene	10.53	128	2165207	42.970	ng	99
32) Benzoic acid	9.82	122	467268m	39.707	ng	
33) 4-Chloroaniline	10.66	127	446641	19.829	ng	100
34) Hexachlorobutadiene	10.80	225	378881	36.488	ng	99
35) Caprolactam	11.47	113	223322m	35.325	ng	
36) 4-Chloro-3-methylphenol	11.78	107	790067	42.303	ng	99
37) 2-Methylnaphthalene	12.15	142	1603206	45.190	ng	99
38) 1-Methylnaphthalene	12.37	142	1528520	44.060	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	754448	39.683	ng	99

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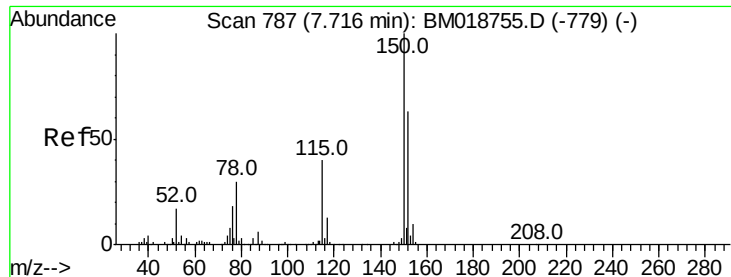
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	841031	86.523	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	544324	43.249	ng	98
44) 2,4,5-Trichlorophenol	12.84	196	575695	43.641	ng	97
46) 1,1'-Biphenyl	13.17	154	2055900	40.187	ng	99
47) 2-Chloronaphthalene	13.22	162	1587621	40.179	ng	100
48) 2-Nitroaniline	13.44	65	556861	42.433	ng	98
49) Acenaphthylene	14.07	152	2593940	44.087	ng	99
50) Dimethylphthalate	13.82	163	2031444	41.013	ng	99
51) 2,6-Dinitrotoluene	13.94	165	448932	41.841	ng	99
52) Acenaphthene	14.42	154	1495391	41.449	ng	100
53) 3-Nitroaniline	14.27	138	329120	27.148	ng	94
54) 2,4-Dinitrophenol	14.49	184	425376	63.742	ng	97
55) Dibenzofuran	14.75	168	2425771	40.908	ng	100
56) 4-Nitrophenol	14.59	139	710720	73.439	ng	99
57) 2,4-Dinitrotoluene	14.73	165	634647	42.930	ng	99
58) Fluorene	15.40	166	1991293	43.894	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	515012	44.168	ng	100
60) Diethylphthalate	15.18	149	2085285	40.813	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	976458	38.390	ng	97
62) 4-Nitroaniline	15.44	138	407254	34.266	ng	98
63) Azobenzene	15.69	77	2255825	41.177	ng	98
65) 4,6-Dinitro-2-methylphenol	15.49	198	319451	34.386	ng	99
66) n-Nitrosodiphenylamine	15.62	169	1727034	41.313	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	580609	39.203	ng	97
68) Hexachlorobenzene	16.39	284	681470	39.586	ng	99
69) Atrazine	16.57	200	585475	43.442	ng	99
70) Pentachlorophenol	16.74	266	842547	76.012	ng	98
71) Phenanthrene	17.14	178	3074504	43.237	ng	100
72) Anthracene	17.23	178	3102113	44.821	ng	99
73) Carbazole	17.52	167	2802403	38.755	ng	99
74) Di-n-butylphthalate	18.07	149	3512507	42.237	ng	99
75) Fluoranthene	19.17	202	3449544	41.996	ng	99
77) Benzidine	19.36	184	1025581	35.425	ng	99
78) Pyrene	19.53	202	3529348	47.272	ng	99
80) Butylbenzylphthalate	20.43	149	1604326	47.151	ng	98
81) Benzo(a)anthracene	21.28	228	3291096	43.920	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	904255	30.534	ng	100
83) Chrysene	21.33	228	3080557	42.891	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2330050	46.788	ng	99
85) Di-n-octyl phthalate	22.09	149	3921058	46.847	ng	99
86) Indeno(1,2,3-cd)pyrene	25.83	276	3235003	39.012	ng	100
88) Benzo(b)fluoranthene	22.87	252	3079032	48.525	ng	100
89) Benzo(k)fluoranthene	22.91	252	3053202	48.333	ng	100
90) Benzo(a)pyrene	23.45	252	2879151	47.899	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2751903	46.209	ng	100
92) Benzo(g,h,i)perylene	26.53	276	2628278	47.406	ng	99

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



#1

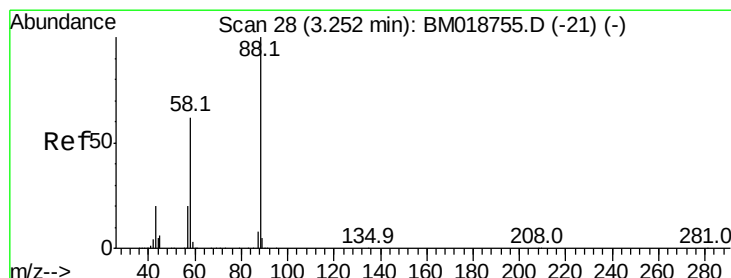
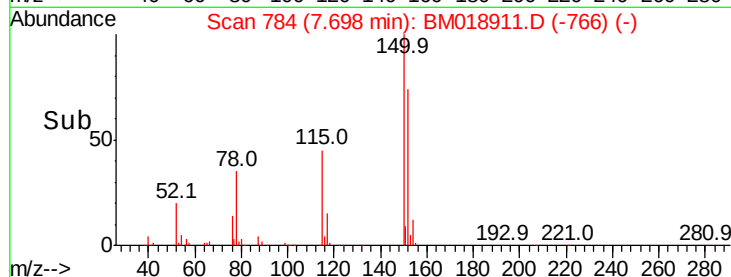
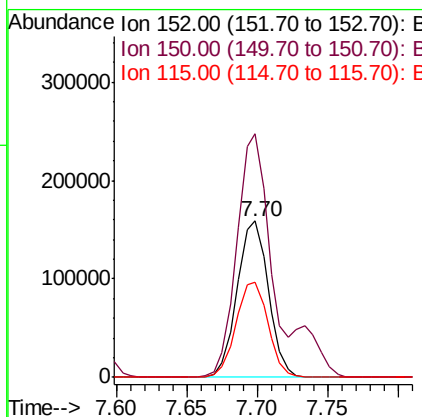
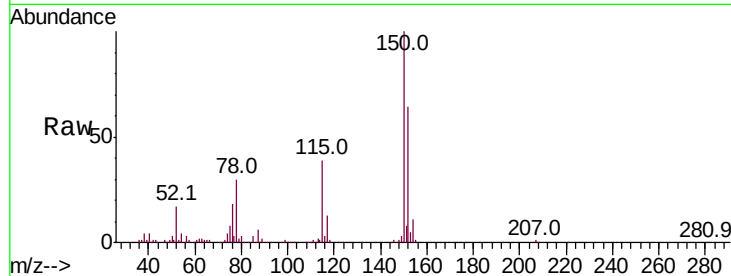
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.3	190.9
115	61.4	50.8	76.2

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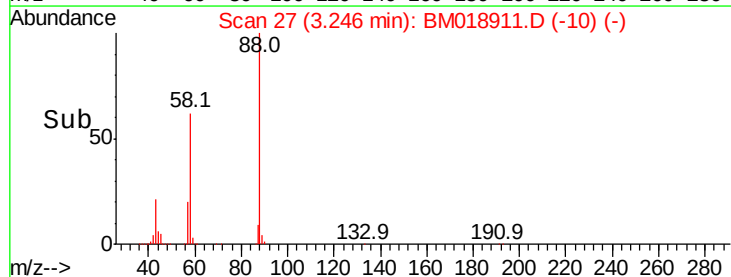
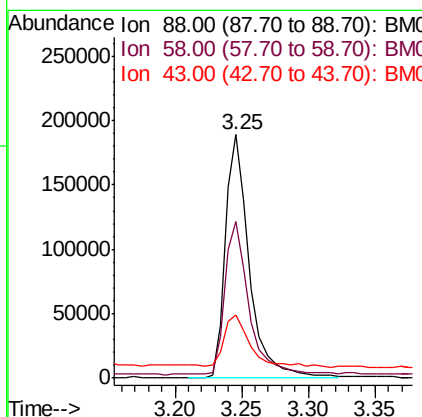
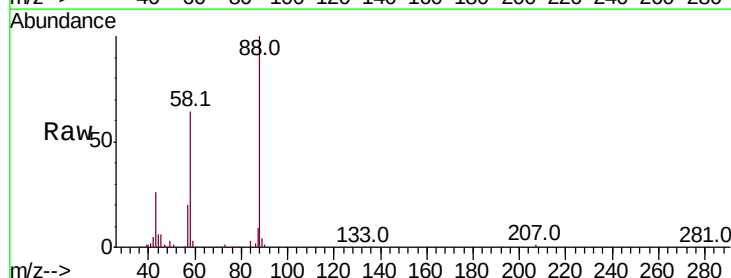
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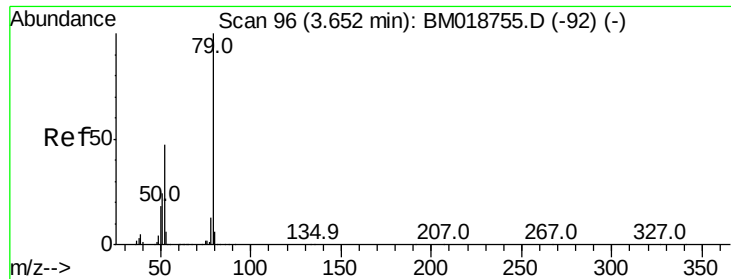


#2

1,4-Dioxane
Concen: 36.196 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	49.8	74.6
43	23.6	16.7	25.1





#3

Pvridine

Concen: 38.799 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

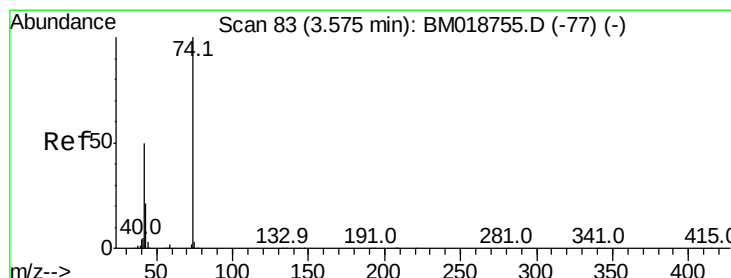
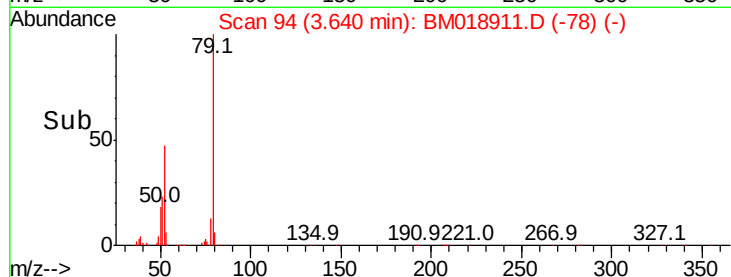
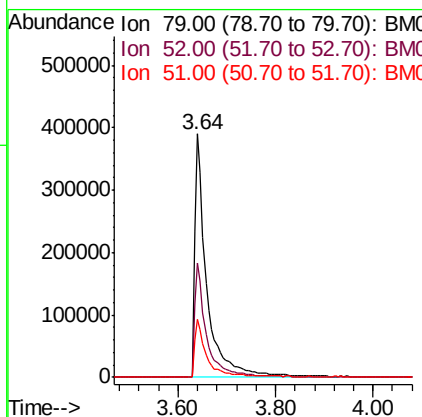
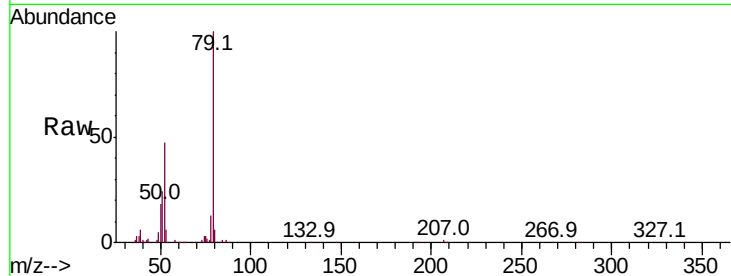
ClientSampleId :

PB117339BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		693669		
52	47.1		37.6	56.4	
51	23.7		19.7	29.5	

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.120 ng

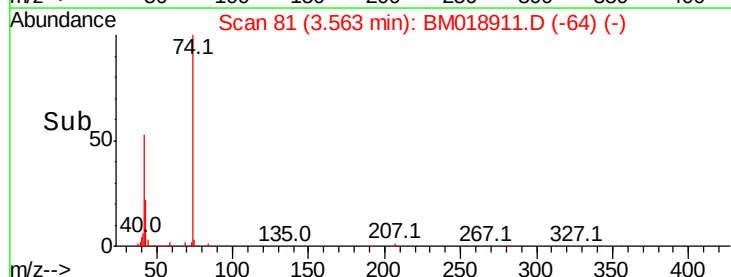
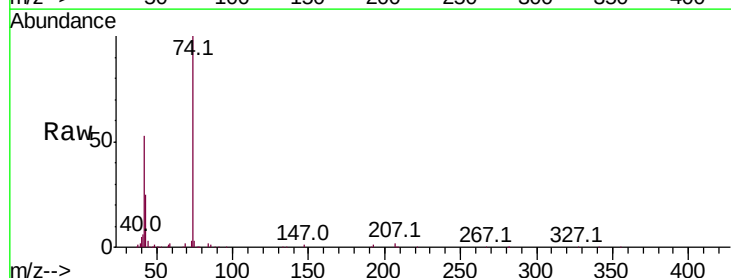
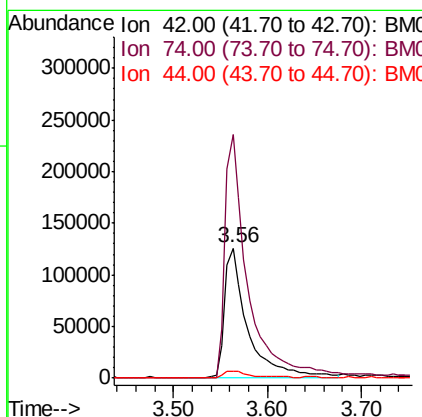
RT: 3.56 min Scan# 81

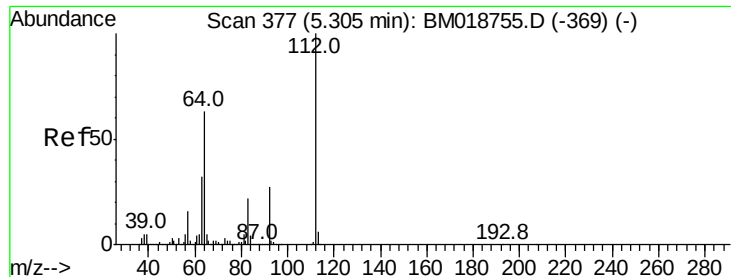
Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		209764		
74	187.6		158.1	237.1	
44	5.6		4.9	7.3	





#5

2-Fluorophenol

Concen: 159.206 ng

RT: 5.29 min Scan# 375

Delta R.T. 0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

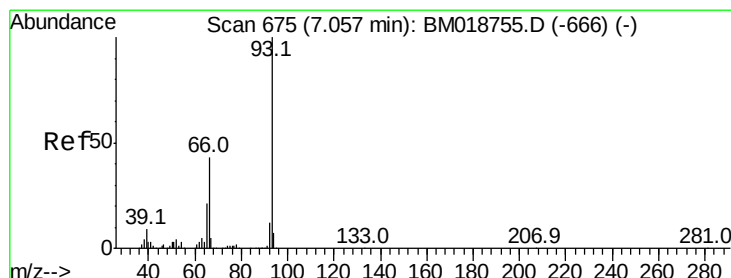
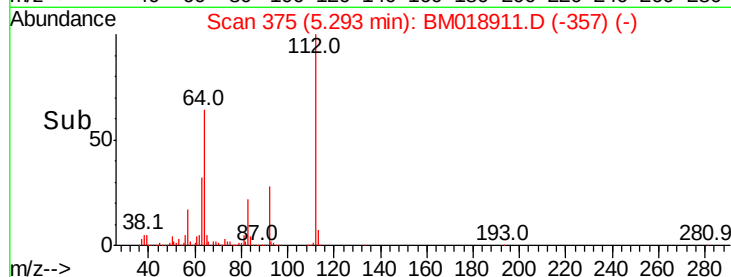
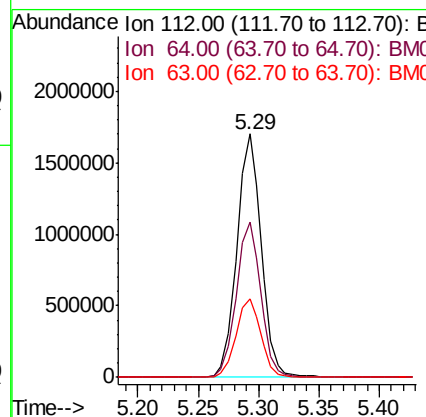
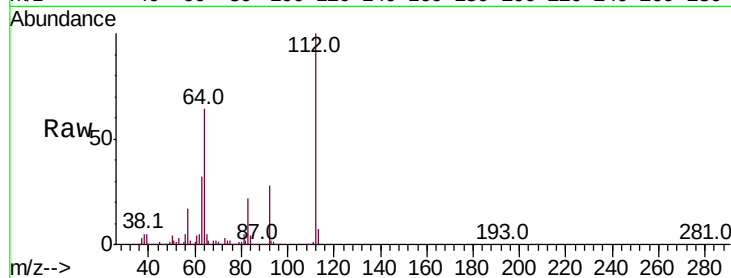
ClientSampleId :

PB117339BS

Tot Ion:	112	Resp:	2395851
Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.6	75.8
63	32.2	25.7	38.5

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#6

Aniline

Concen: 32.079 ng

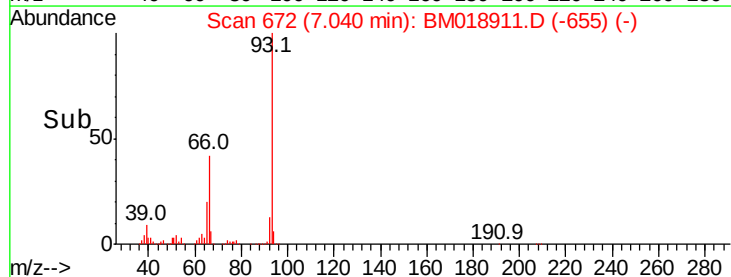
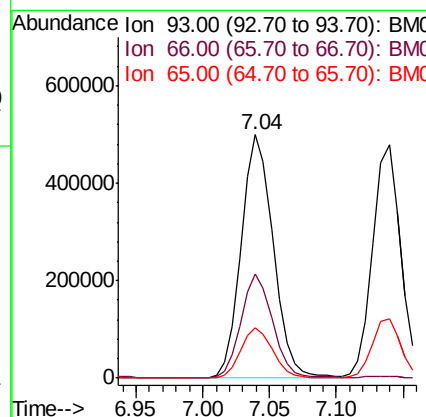
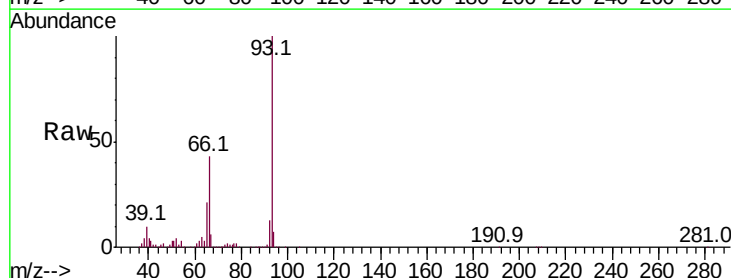
RT: 7.04 min Scan# 672

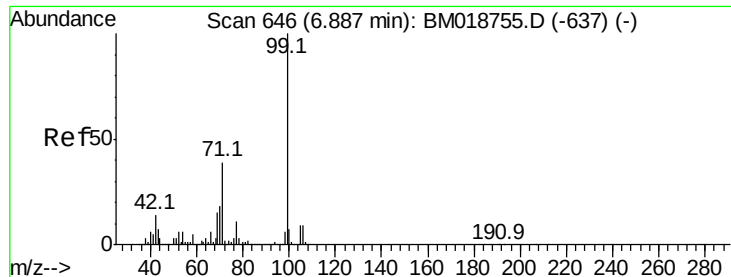
Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion:	93	Resp:	833268
Ion	Ratio	Lower	Upper
93	100		
66	42.6	34.1	51.1
65	20.8	16.6	24.8





#7

Phenol-d6

Concen: 156.808 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampled :

PB117339BS

Tot Ion: 99 Resp: 3324322

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

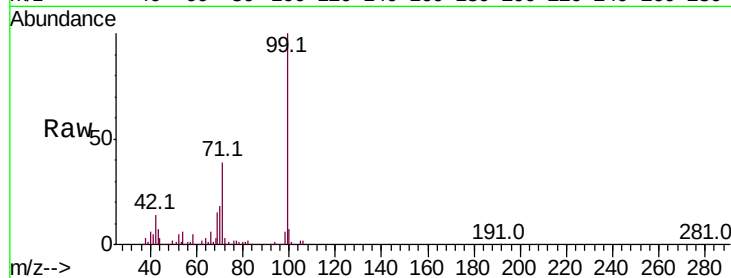
71 38.9 31.3 46.9

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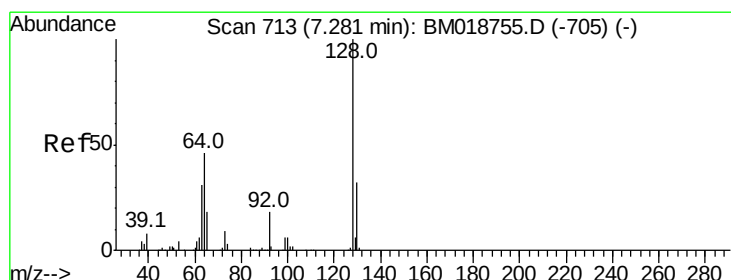
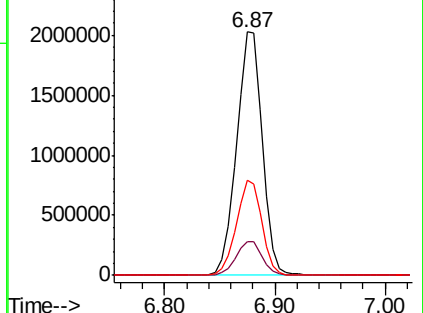
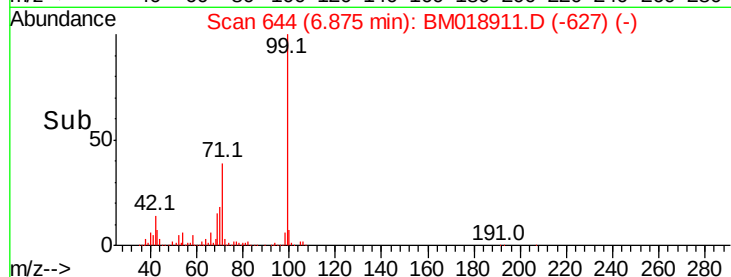
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Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 44.939 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

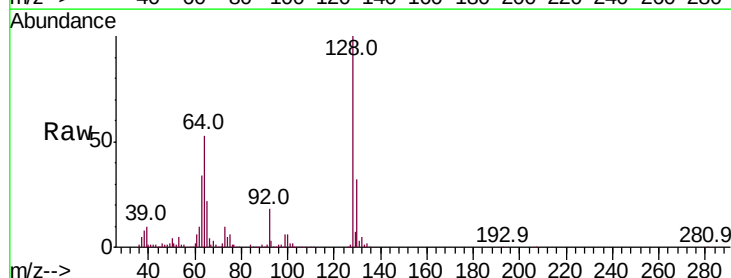
Tgt Ion: 128 Resp: 742486

Ion Ratio Lower Upper

128 100

130 32.0 11.7 51.7

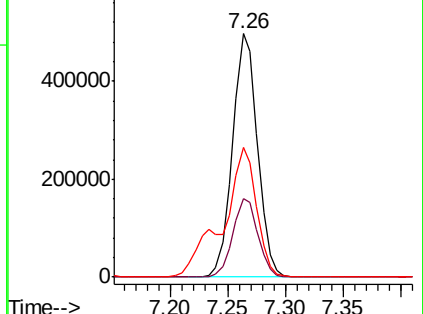
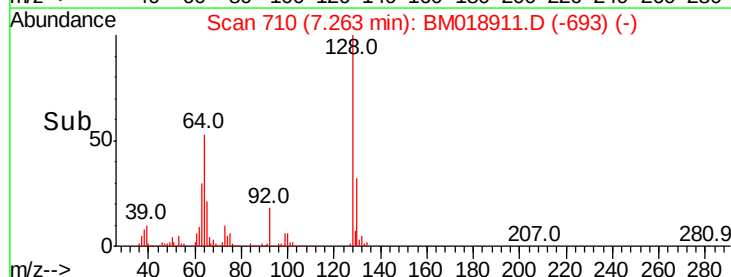
64 53.1 31.0 71.0

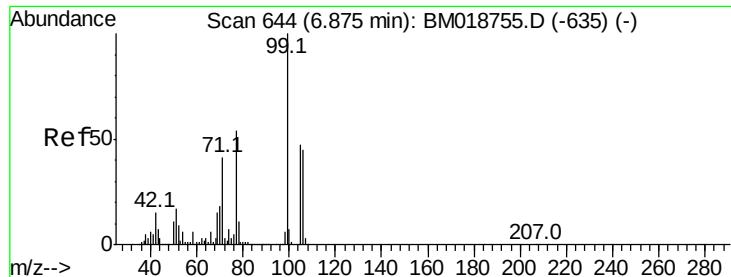


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 20.787 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

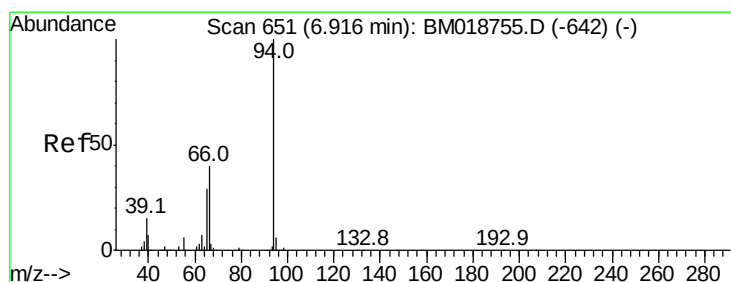
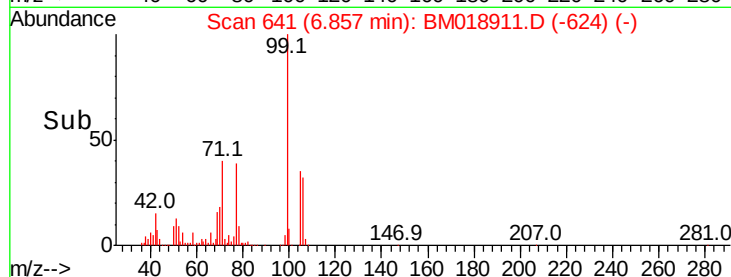
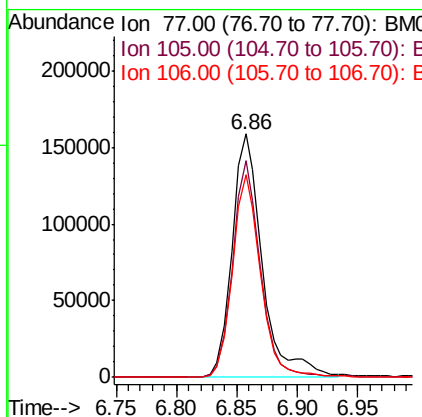
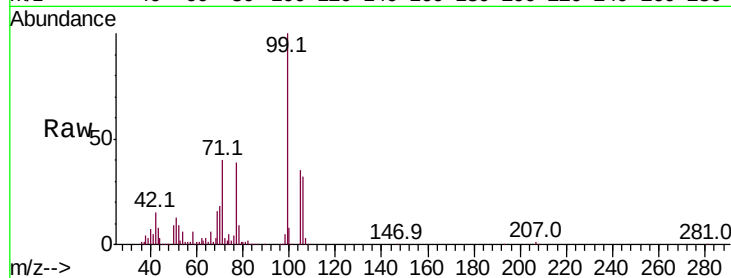
ClientSampleId :

PB117339BS

Tot Ion:	77	Resp:	278146
Ion	Ratio	Lower	Upper
77	100		
105	88.8	67.3	107.3
106	83.0	62.9	102.9

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#10

Phenol

Concen: 45.506 ng

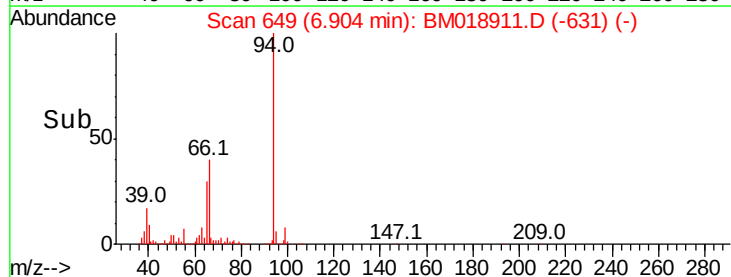
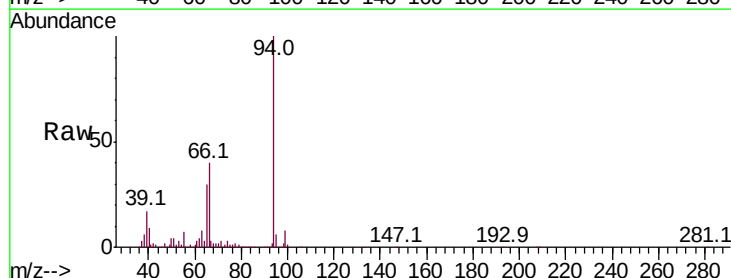
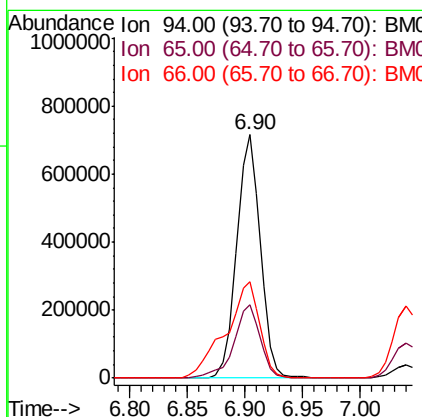
RT: 6.90 min Scan# 649

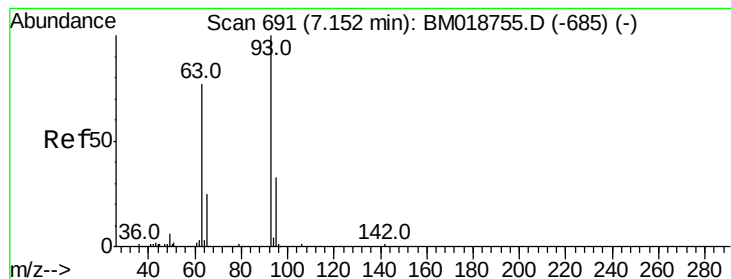
Delta R.T. 0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion:	94	Resp:	1015085
Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.6	49.6
66	39.7	20.4	60.4





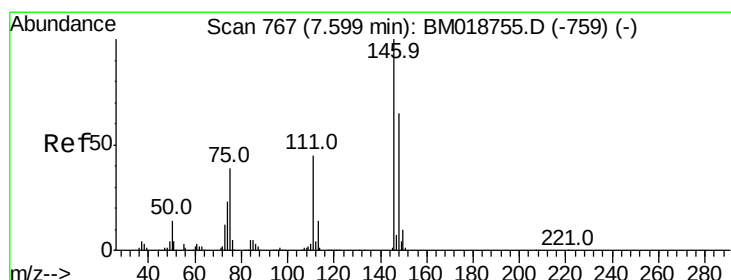
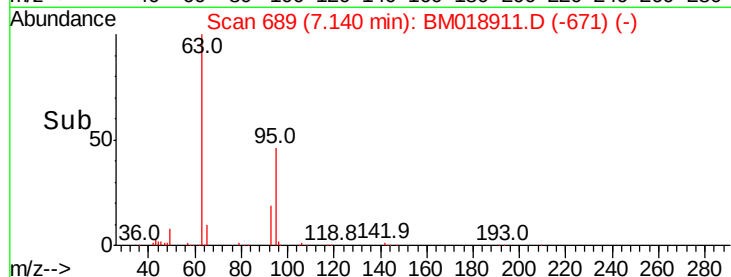
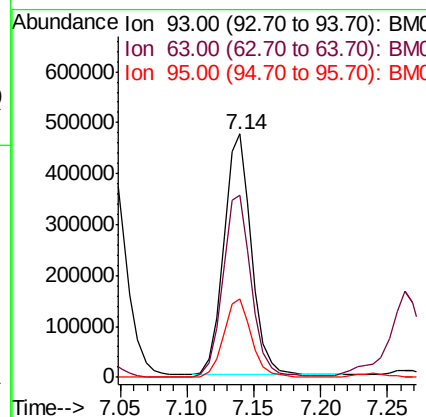
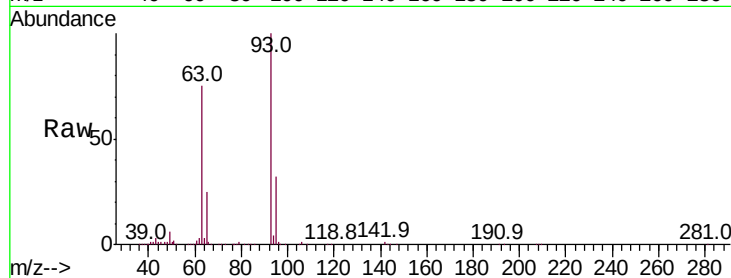
#11
bis(2-Chloroethyl)ether
Concen: 40.261 ng
RT: 7.14 min Scan# 689
Delta R.T. 0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.8	57.0	97.0
95	32.3	12.4	52.4

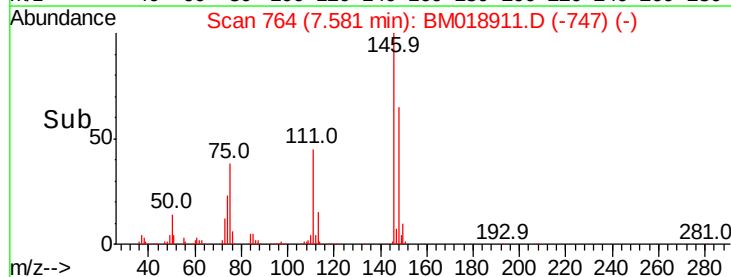
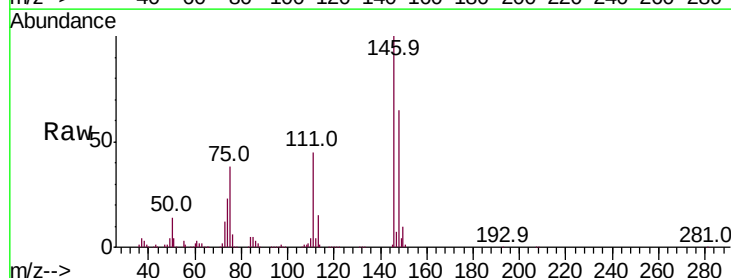
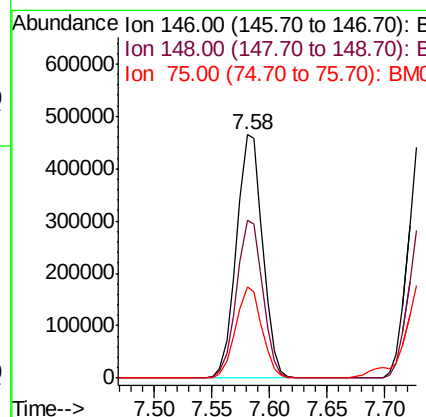
Manual Integrations
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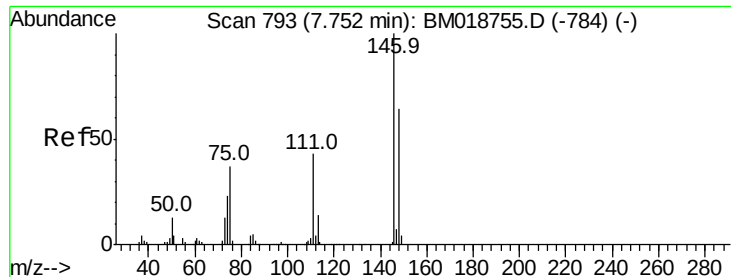
Sohil
2/26/2019 12:05:59 PM



#12
1,3-Dichlorobenzene
Concen: 39.385 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
75	37.6	31.3	46.9





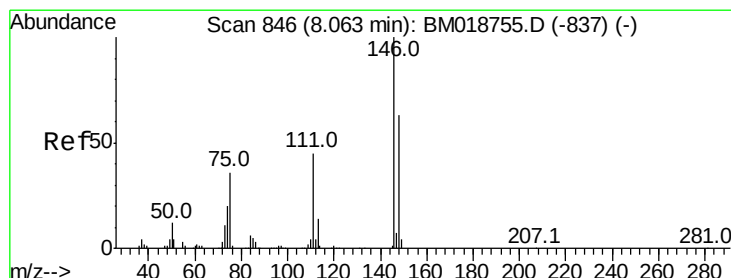
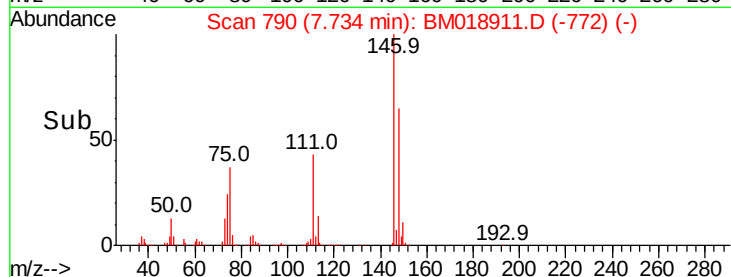
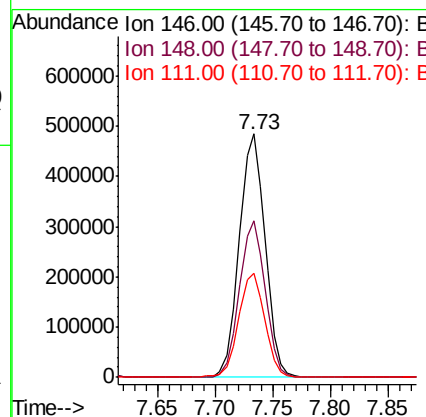
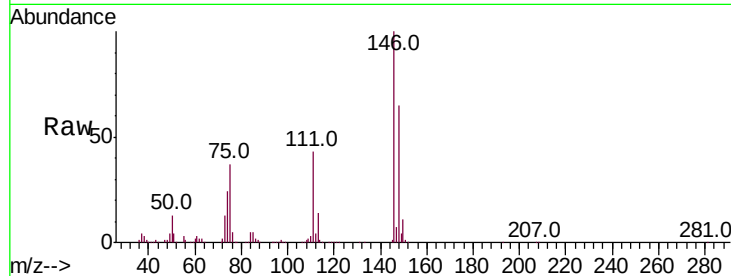
#13
 1,4-Dichlorobenzene
 Concen: 39.721 ng
 RT: 7.73 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
111	42.9	34.6	52.0

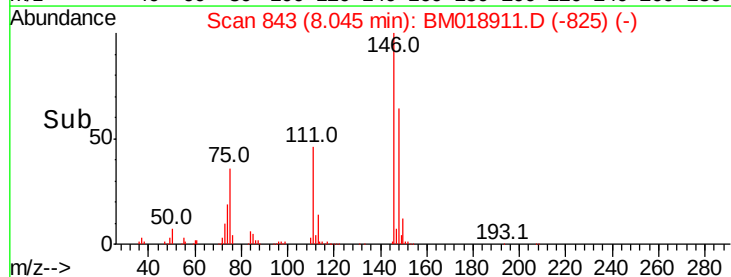
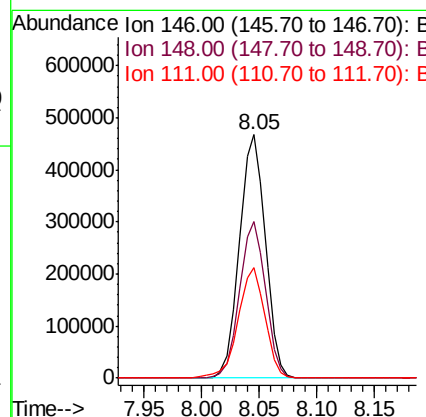
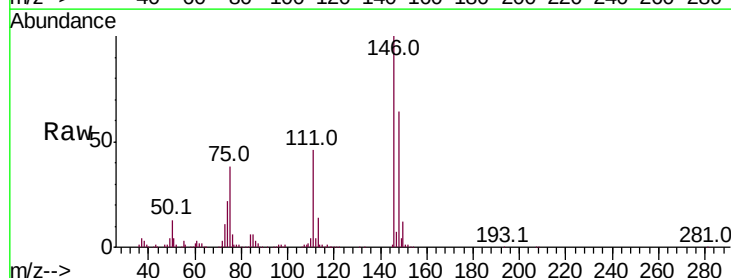
Manual Integrations
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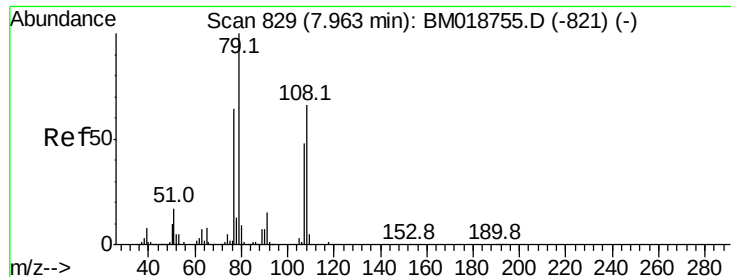
Sohil
 2/26/2019 12:05:59 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.992 ng
 RT: 8.05 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.7	76.1
111	45.5	35.9	53.9





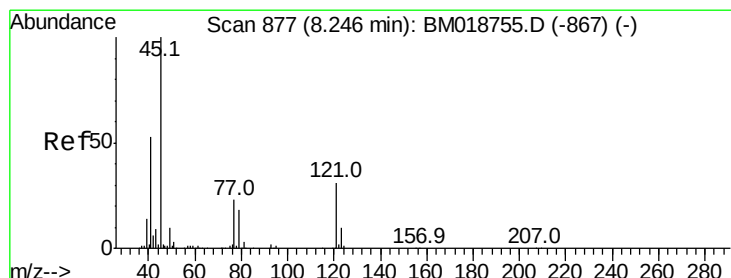
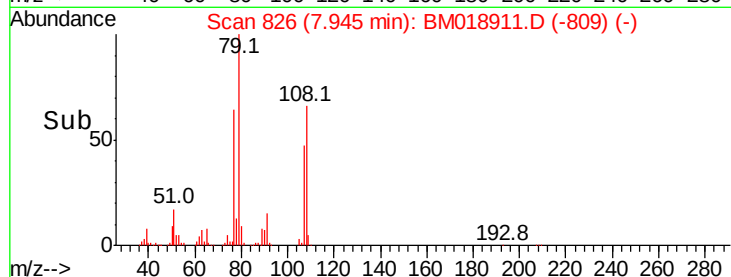
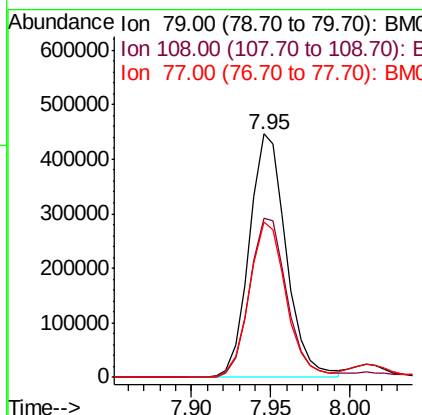
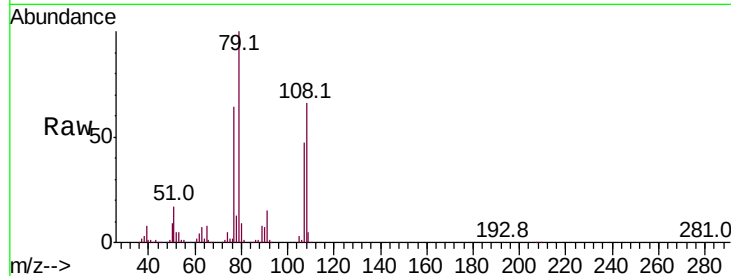
#15
Benzyl Alcohol
Concen: 42.906 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.6	52.7	79.1
77	63.8	51.0	76.4

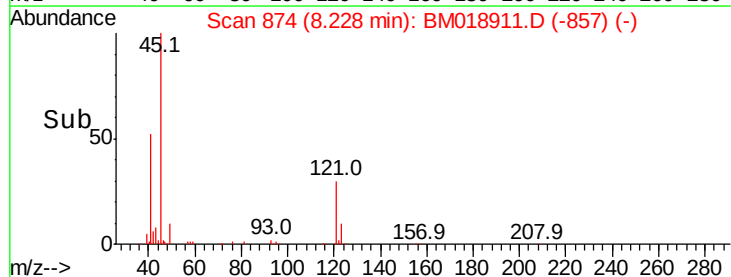
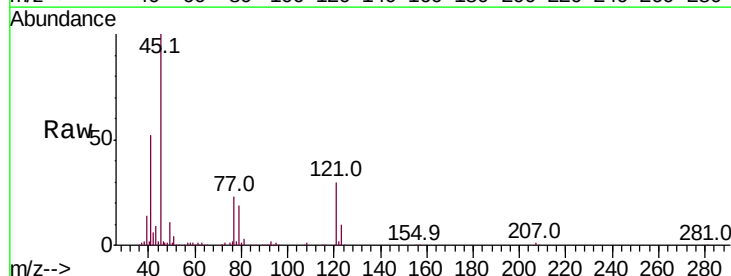
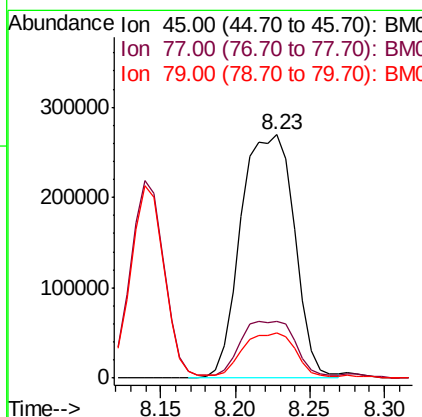
Manual Integrations
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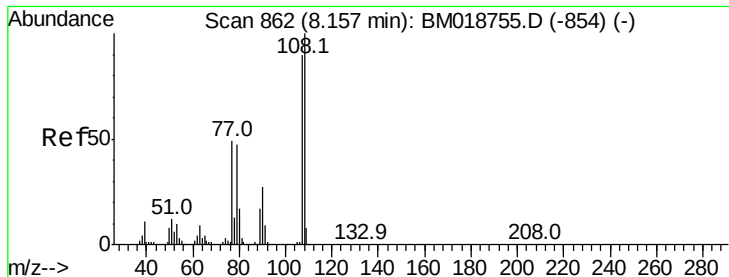
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.681 ng
RT: 8.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.3	5.0	45.0
79	18.6	0.0	39.3





#17

2-Methylphenol

Concen: 44.703 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

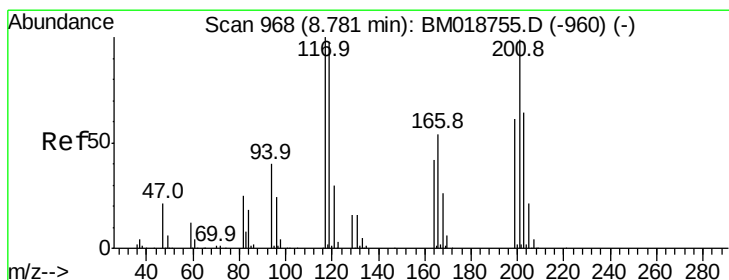
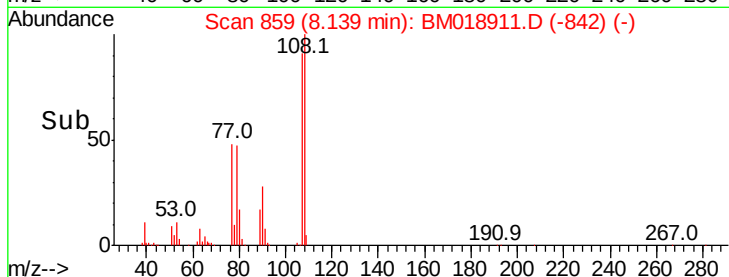
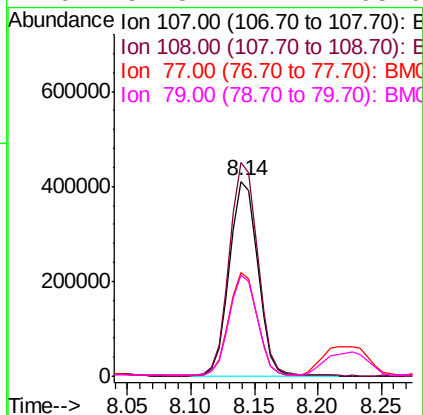
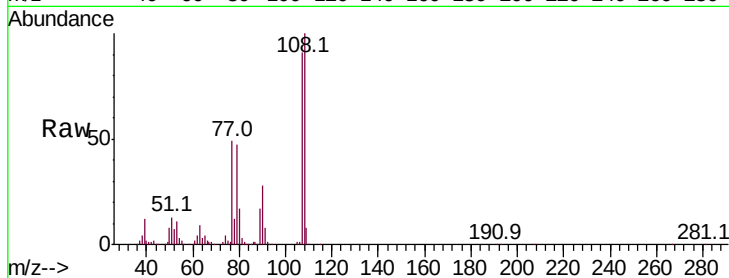
ClientSampled :

PB117339BS

Tot Ion	107	Resp	634668
Ion Ratio	Lower	Upper	
107	100		
108	109.7	88.8	133.2
77	53.5	44.0	66.0
79	51.8	42.4	63.6

Manual Integrations
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#18

Hexachloroethane

Concen: 39.900 ng

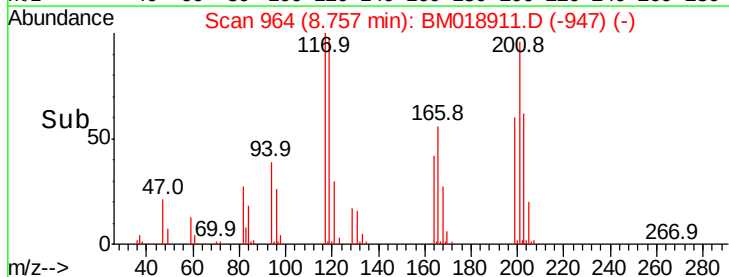
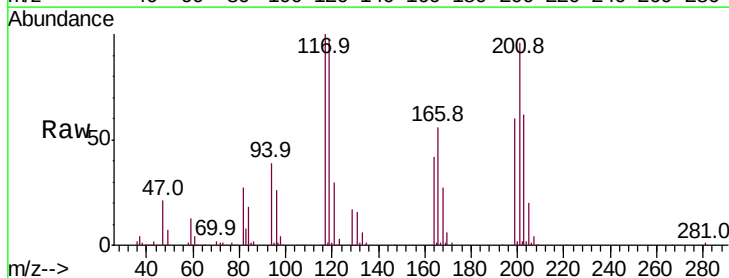
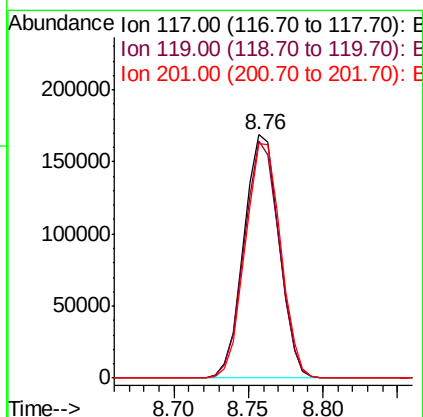
RT: 8.76 min Scan# 964

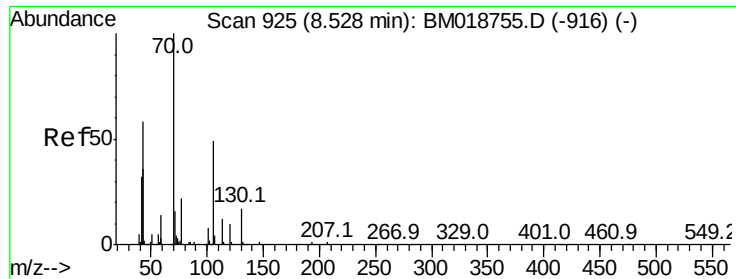
Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion	117	Resp	275485
Ion Ratio	Lower	Upper	
117	100		
119	97.3	77.9	116.9
201	96.5	79.2	118.8





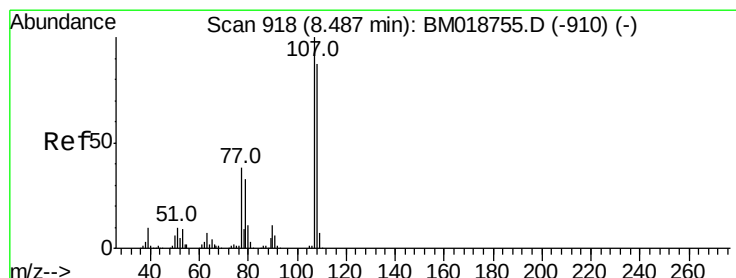
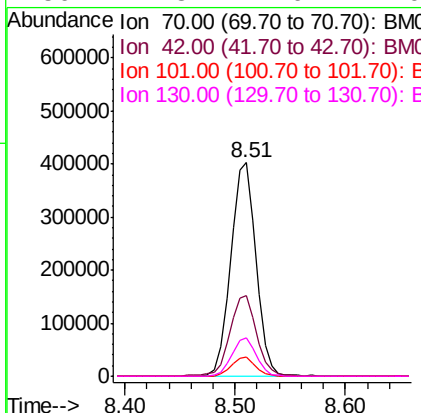
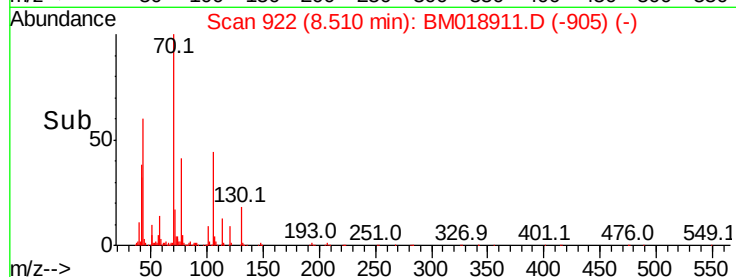
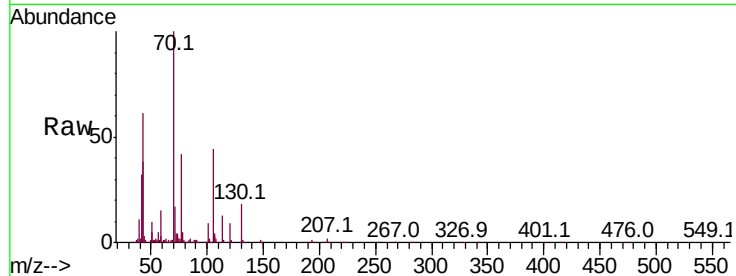
#19
n-Nitroso-di-n-propylamine
Concen: 39.512 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.7	29.4	44.0		
101	8.8	6.7	10.1		
130	17.8	14.0	21.0		

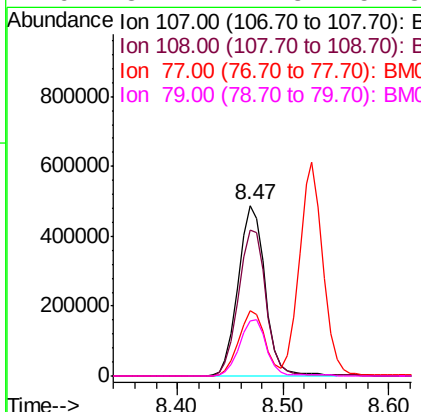
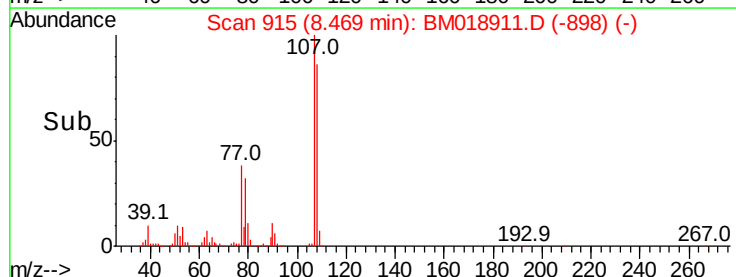
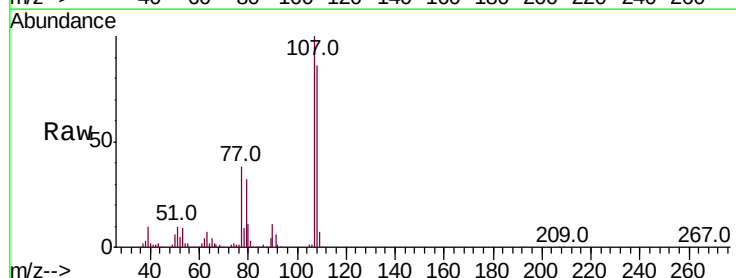
Manual Integrations
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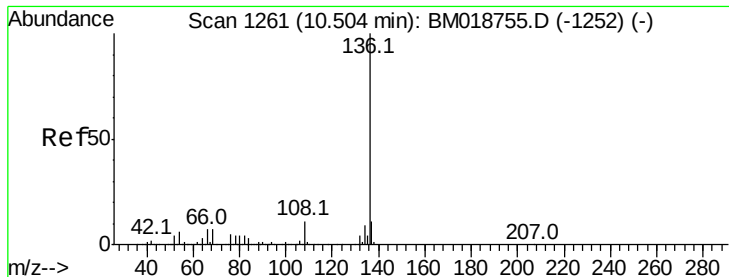
Sohil
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#20
3+4-Methylphenols
Concen: 43.863 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.7	67.3	107.3		
77	37.9	18.0	58.0		
79	32.2	12.8	52.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

Tot Ion:136 Resp: 1033178

Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

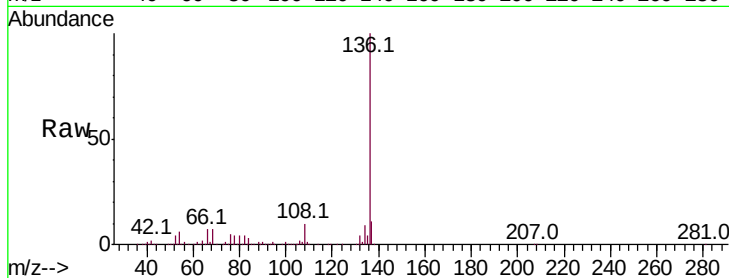
54 6.2 5.0 7.6

68 7.2 5.5 8.3

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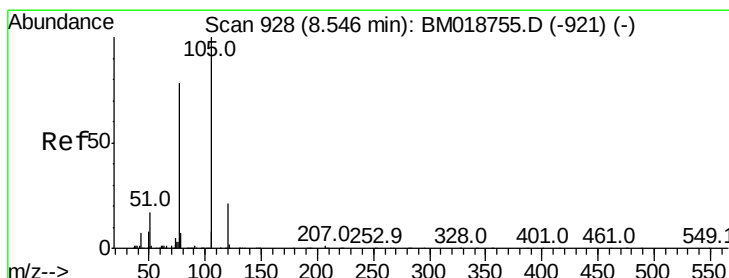
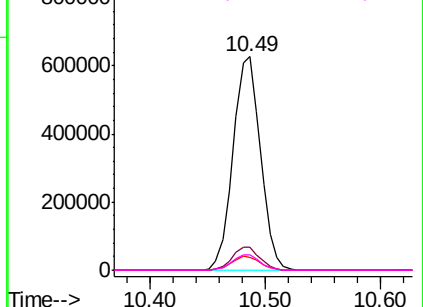
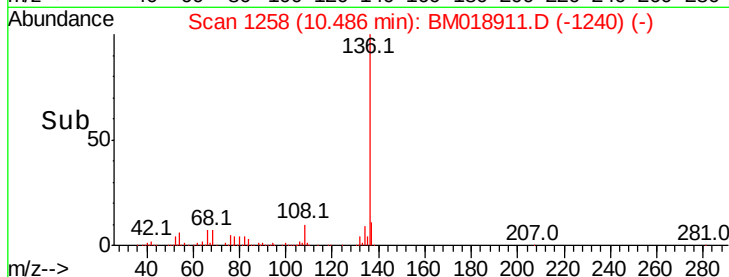
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 38.235 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion:105 Resp: 1084832

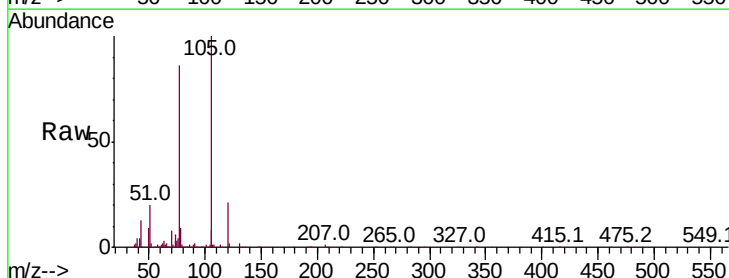
Ion Ratio Lower Upper

105 100

71 1.4 1.1 1.7

51 20.0 15.5 23.3

120 21.0 17.0 25.4



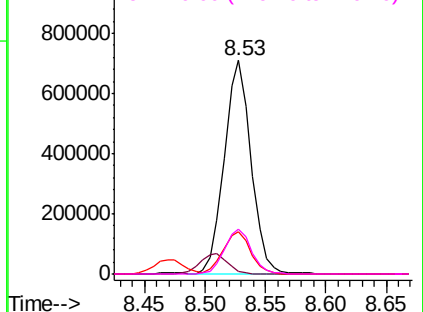
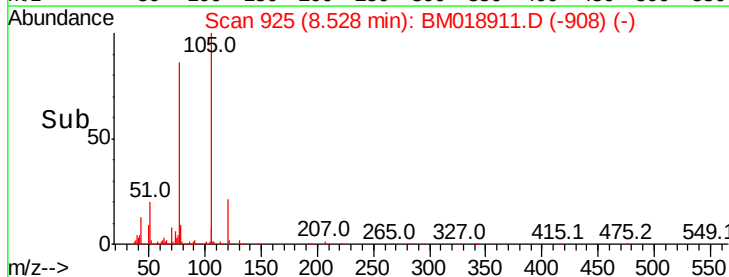
Abundance

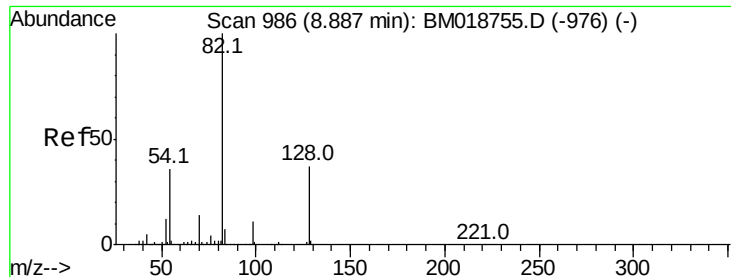
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





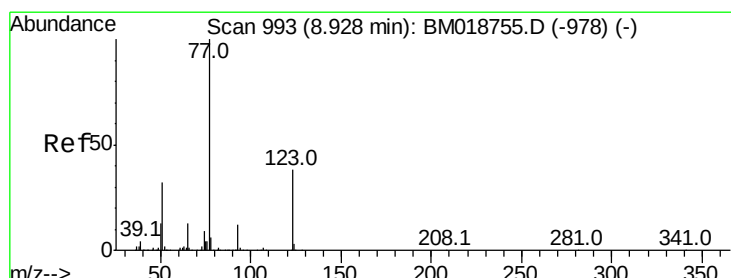
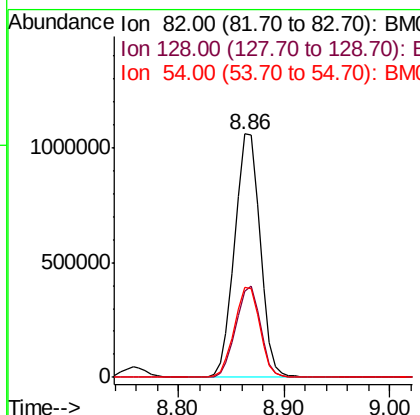
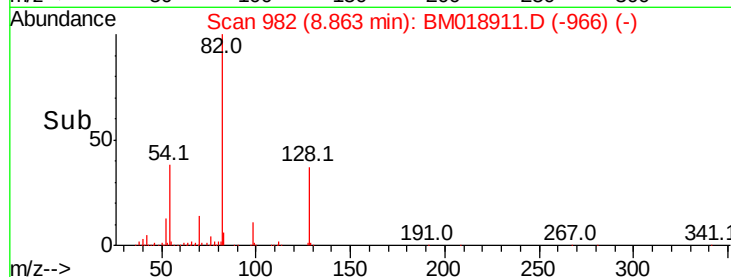
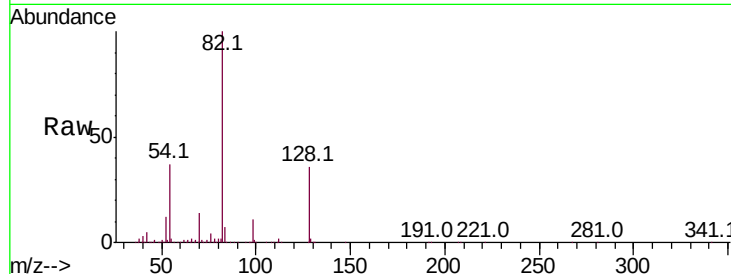
#23
Nitrobenzene-d5
Concen: 79.520 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampled :
PB117339BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.9	44.9
54	37.1	29.1	43.7

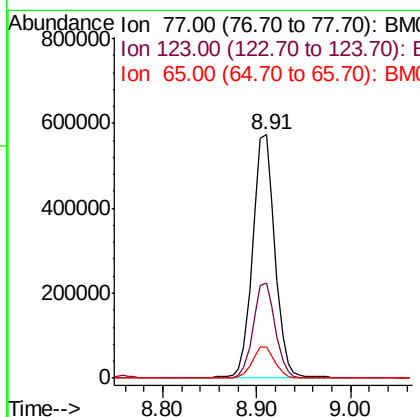
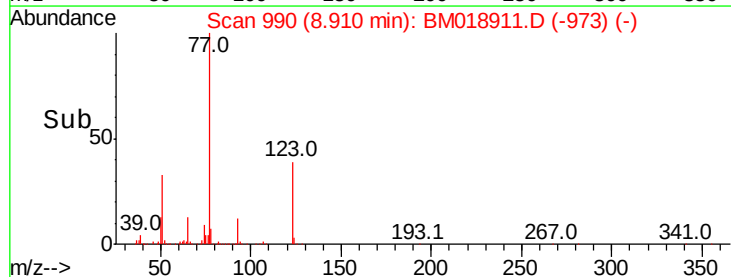
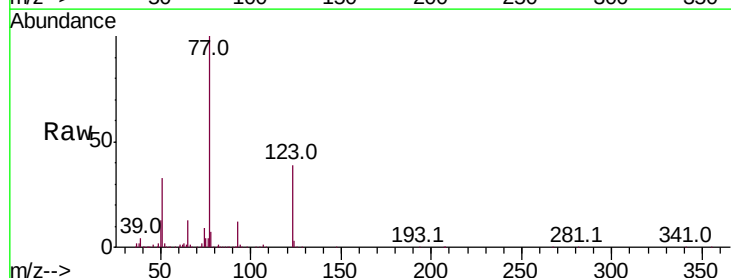
Manual Integrations
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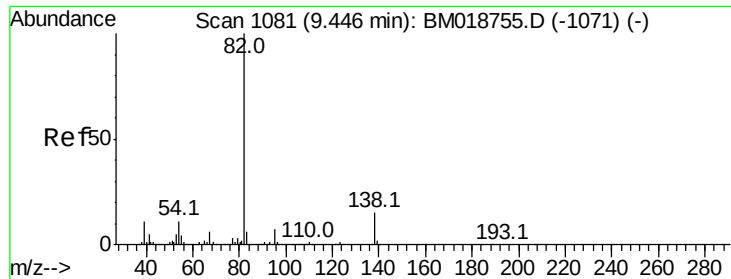
Sohil
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#24
Nitrobenzene
Concen: 40.383 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.7	46.1
65	13.0	10.5	15.7





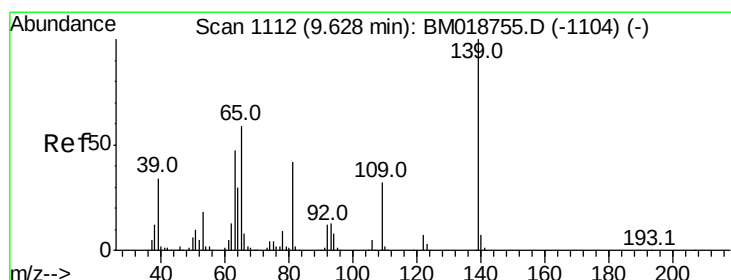
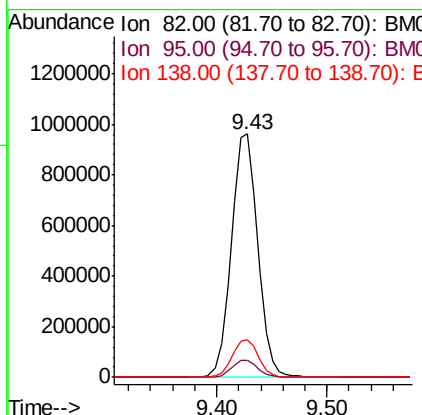
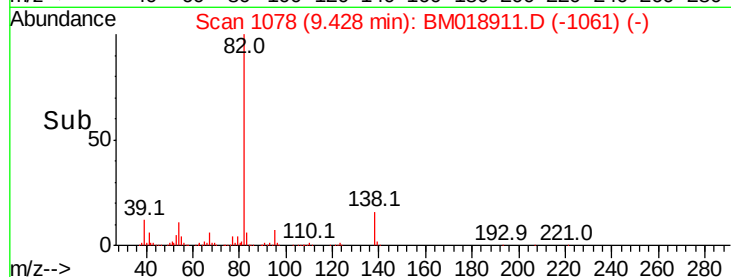
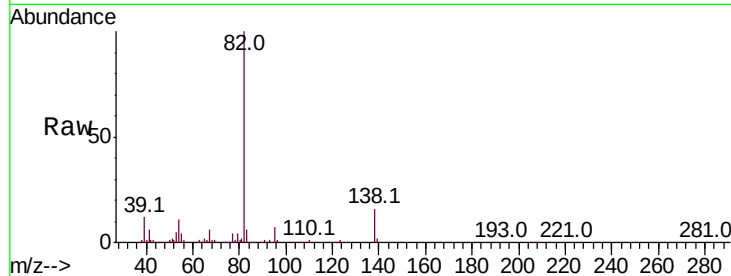
#25
Isophorone
Concen: 45.400 ng
RT: 9.43 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion: 82 Resp: 1618654
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 15.5 12.3 18.5

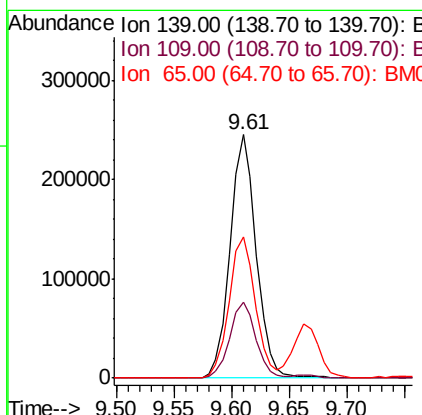
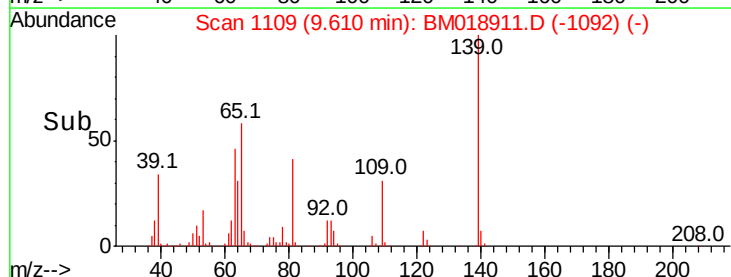
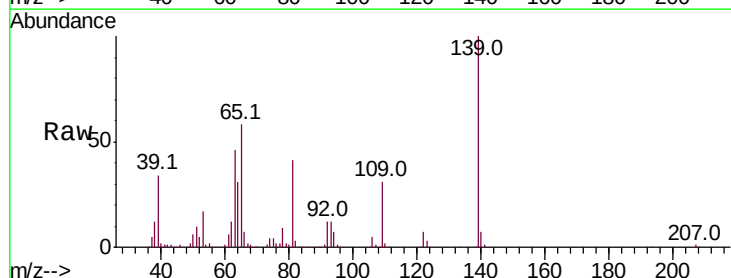
Manual Integrations
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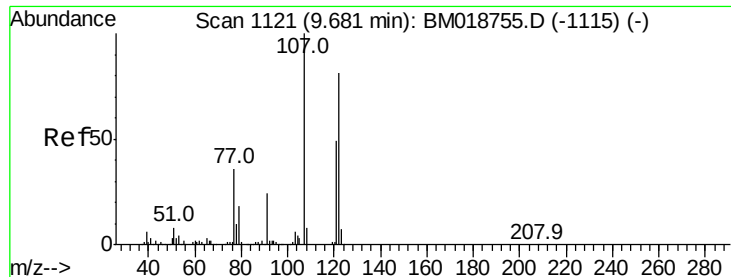
Sohil
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#26
2-Nitrophenol
Concen: 41.626 ng
RT: 9.61 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion: 139 Resp: 384478
Ion Ratio Lower Upper
139 100
109 31.0 25.2 37.8
65 58.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.221 ng

RT: 9.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

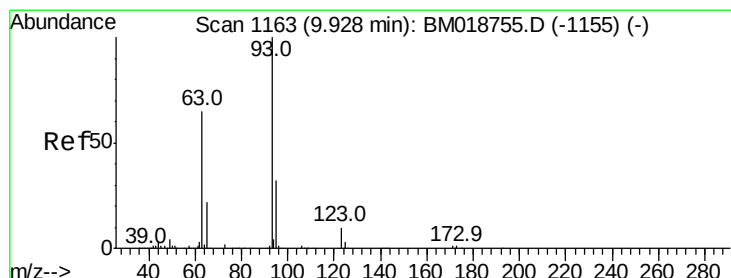
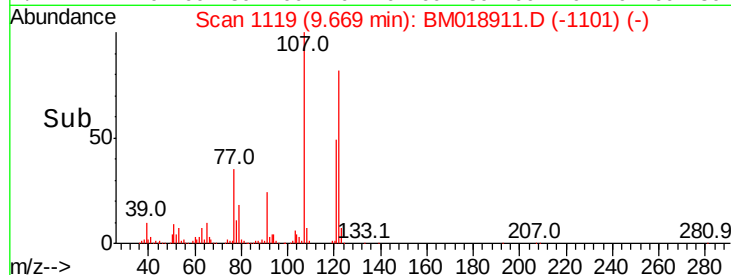
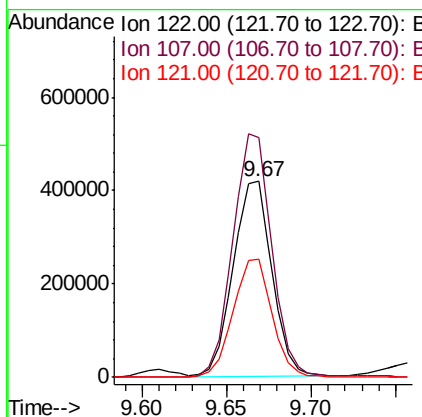
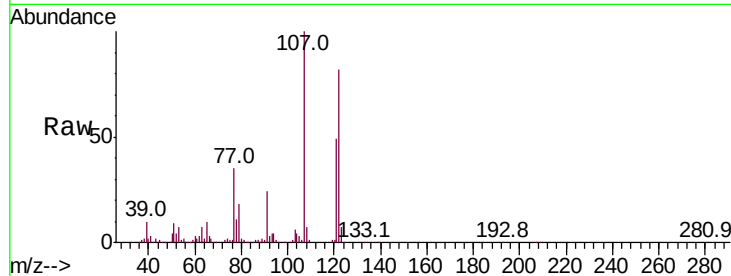
ClientSampleId :

PB117339BS

Tot Ion:	122	Resp:	664015
Ion Ratio	Lower	Upper	
122	100		
107	122.4	97.6	146.4
121	60.1	47.9	71.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 42.060 ng

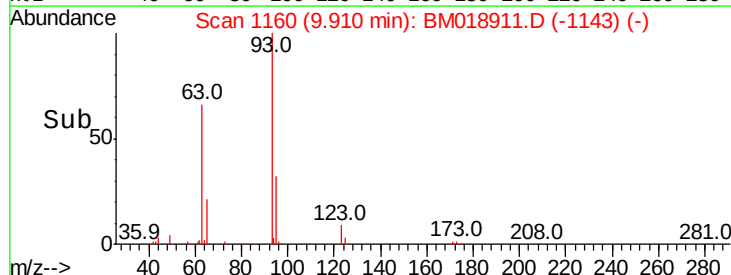
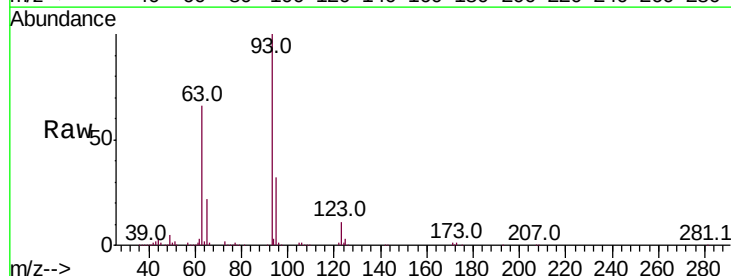
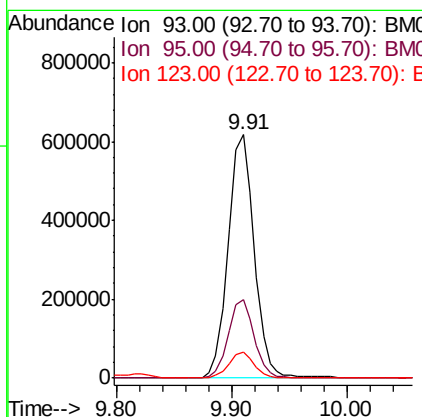
RT: 9.91 min Scan# 1160

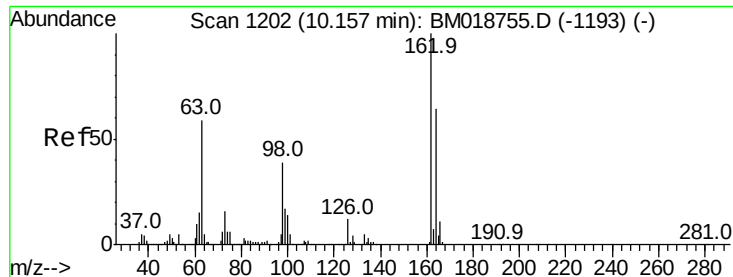
Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion:	93	Resp:	969711
Ion Ratio	Lower	Upper	
93	100		
95	32.2	25.6	38.4
123	10.6	8.2	12.4





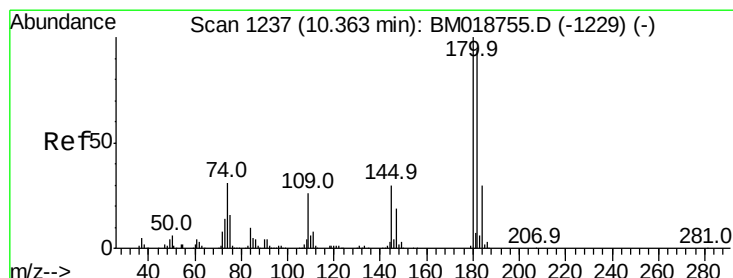
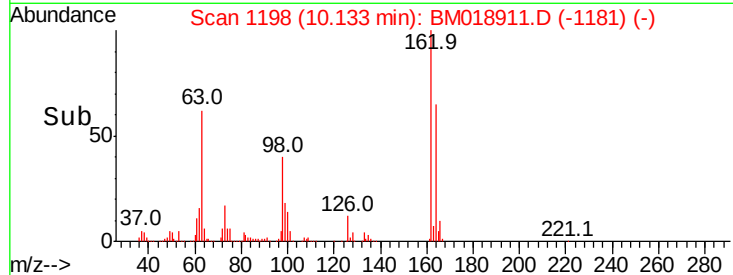
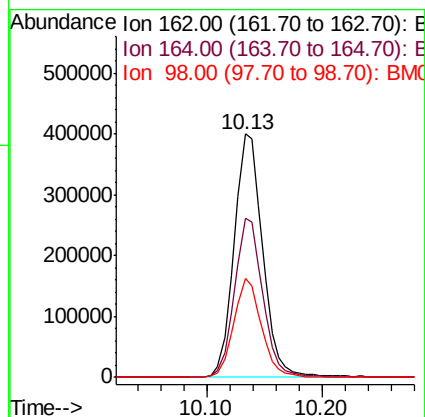
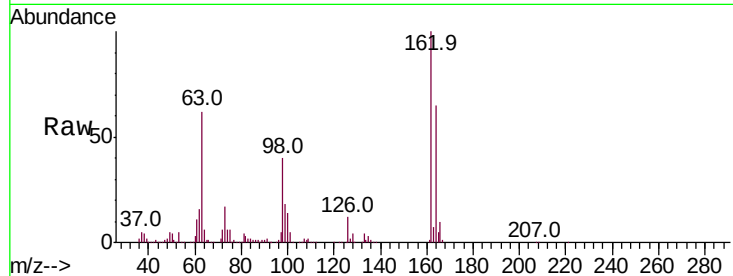
#29
 2,4-Dichlorophenol
 Concen: 44.352 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampled :
 PB117339BS

Tot Ion:	162	Resp:	687032
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.1	84.1
98	40.5	19.4	59.4

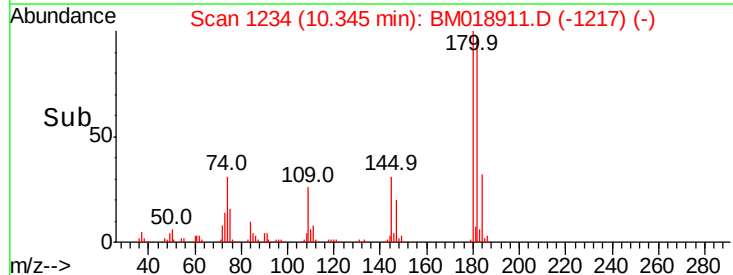
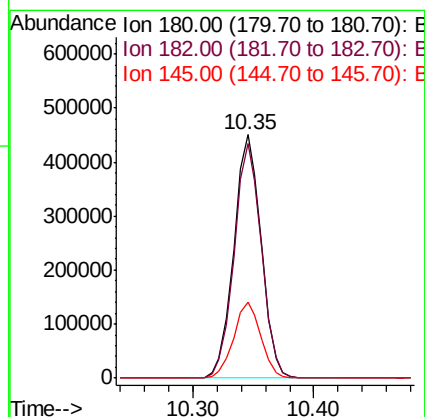
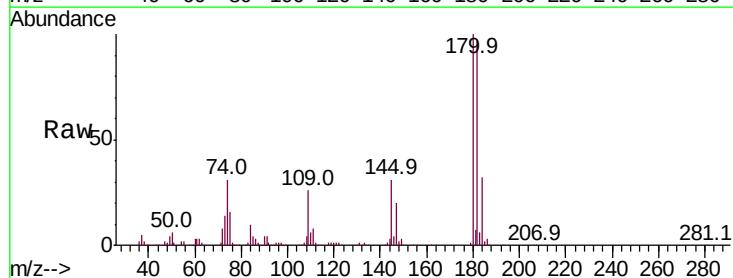
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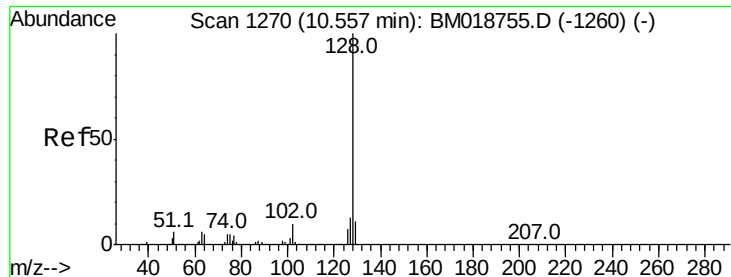
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.678 ng
 RT: 10.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion:	180	Resp:	709809
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.0	112.6
145	31.3	24.1	36.1





#31

Naphthalene

Concen: 42.970 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

Tot Ion:128 Resp: 2165207

Ion Ratio Lower Upper

128 100

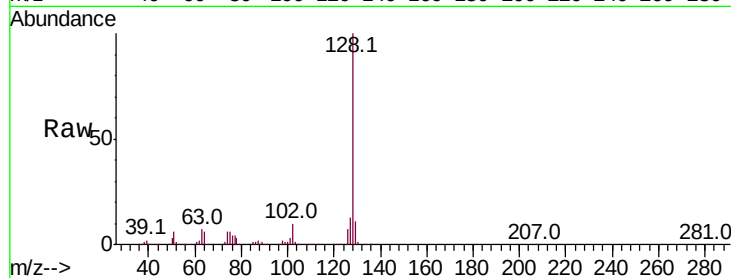
129 10.9 9.0 13.4

127 13.2 10.7 16.1

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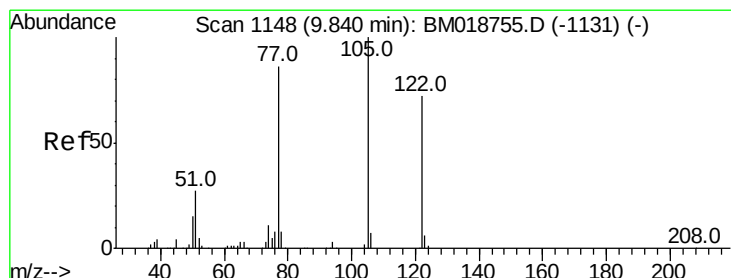
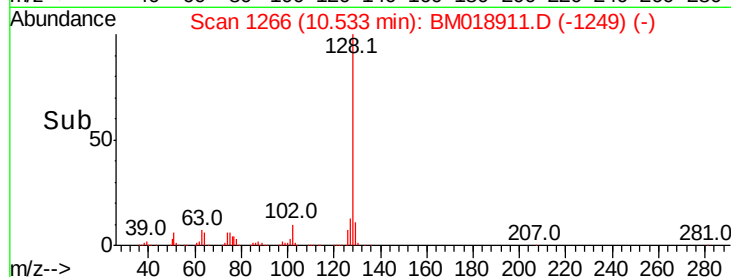
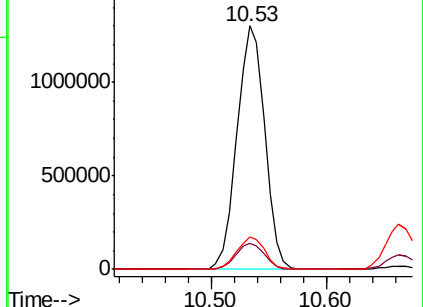
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.707 ng m

RT: 9.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

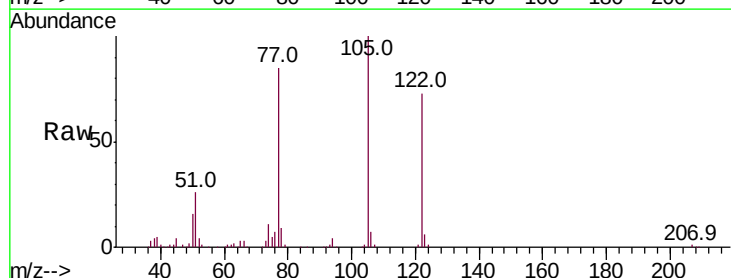
Tgt Ion:122 Resp: 467268

Ion Ratio Lower Upper

122 100

105 137.3 117.5 157.5

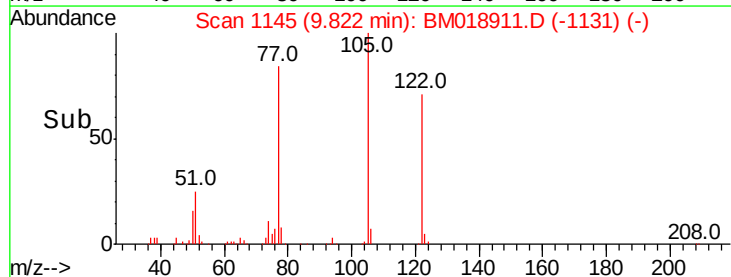
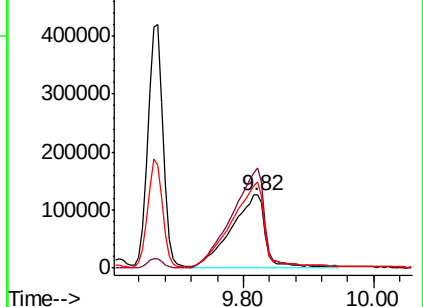
77 117.1 98.5 138.5

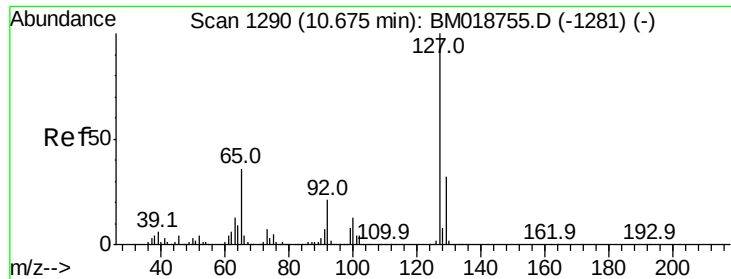


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





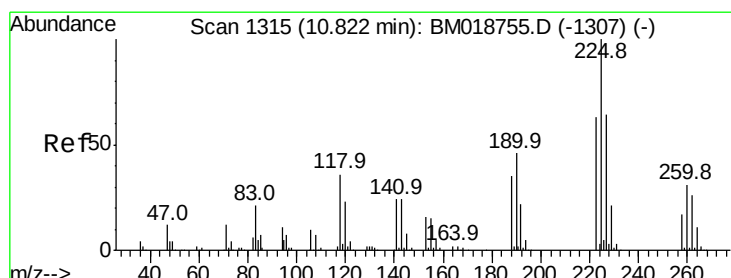
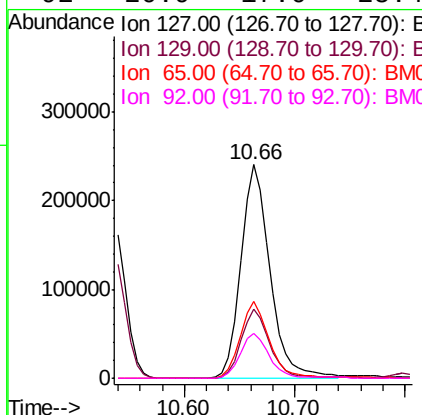
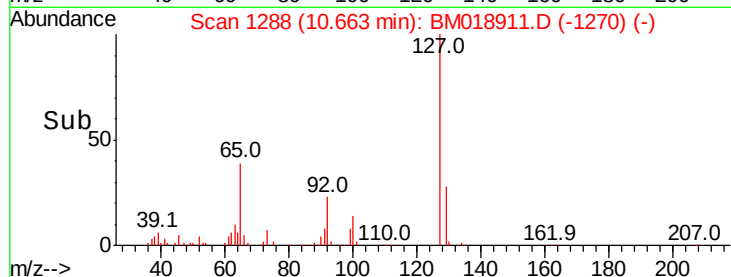
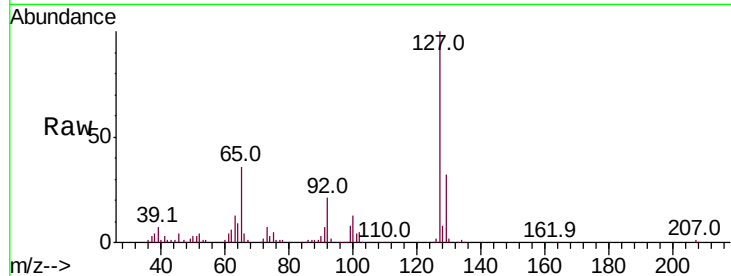
#33
4-Chloroaniline
Concen: 19.829 ng
RT: 10.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	36.0	28.7	43.1
92	20.9	17.0	25.4

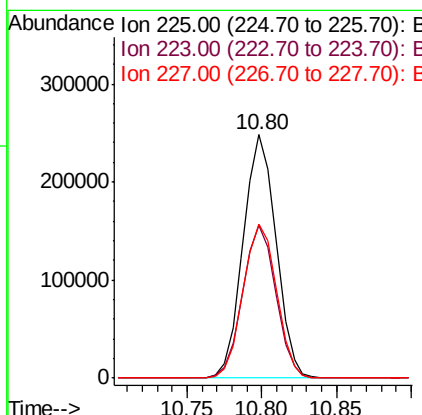
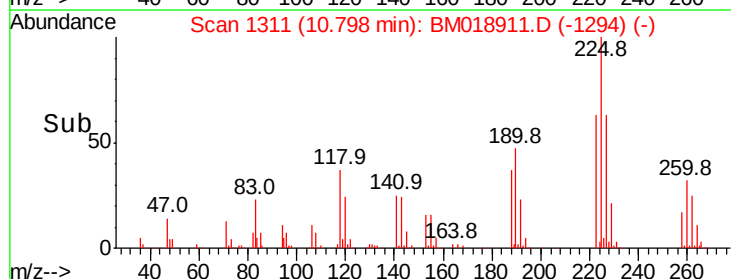
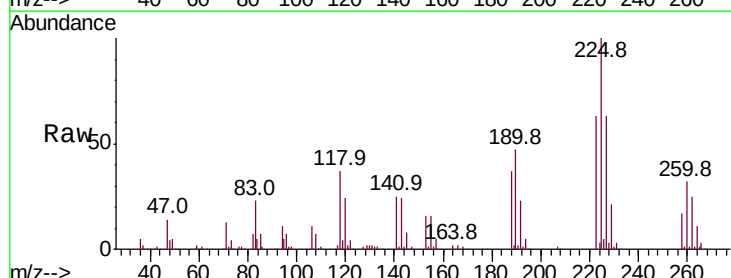
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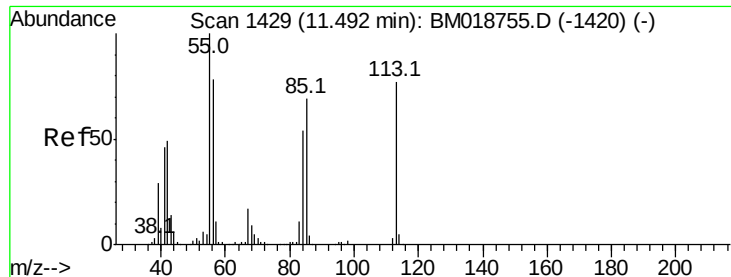
Sohil
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#34
Hexachlorobutadiene
Concen: 36.488 ng
RT: 10.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	63.5	51.4	77.0





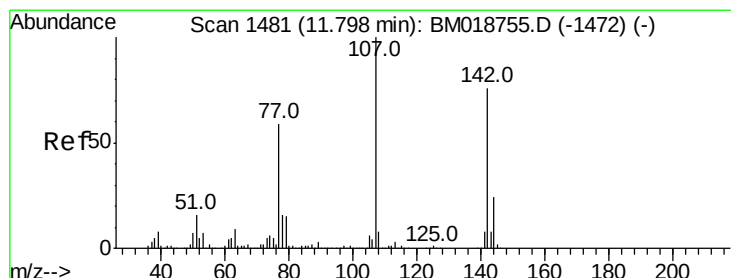
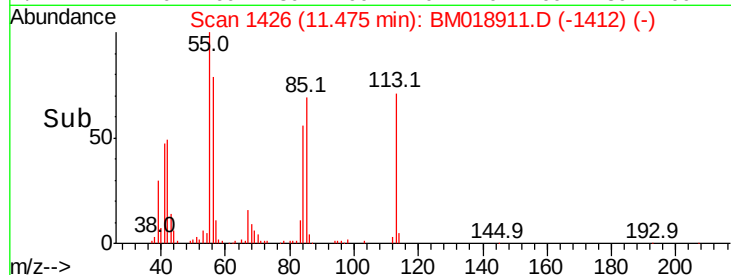
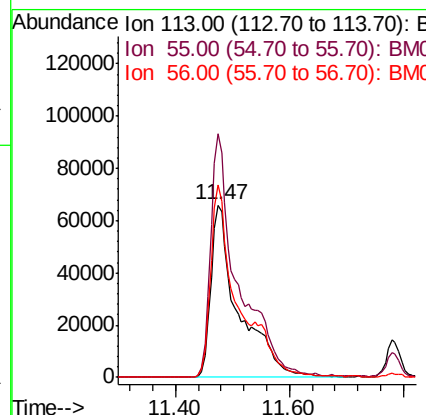
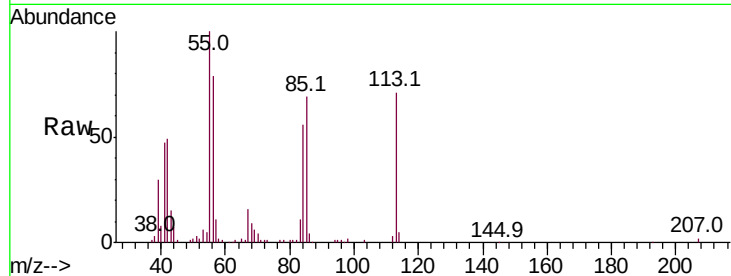
#35
 Caprolactam
 Concen: 35.325 ng/ml
 RT: 11.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.2	110.7	150.7
56	111.8	82.4	122.4

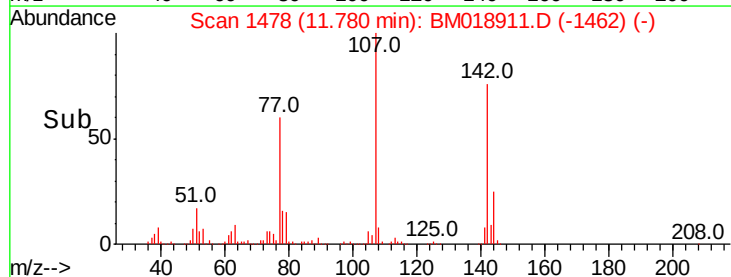
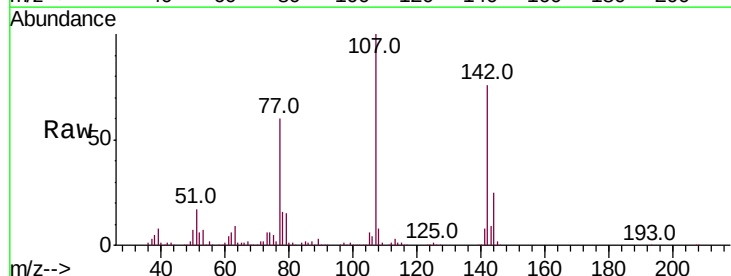
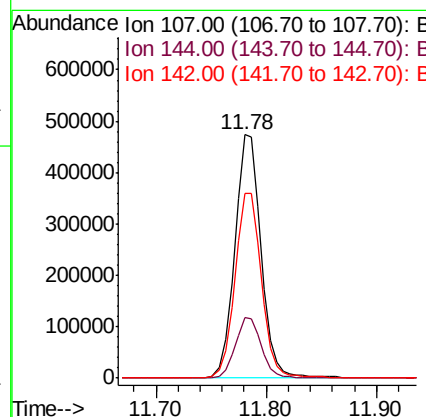
Manual Integrations
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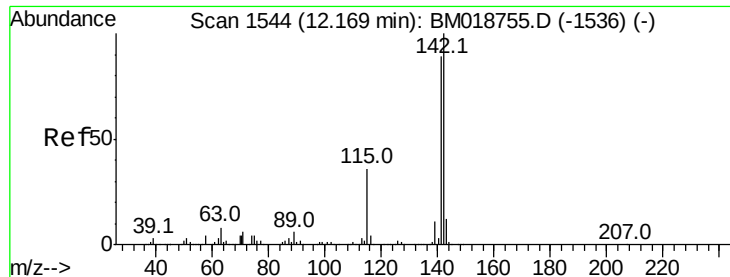
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#36
 4-Chloro-3-methylphenol
 Concen: 42.303 ng/ml
 RT: 11.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.3	28.9
142	75.9	60.5	90.7





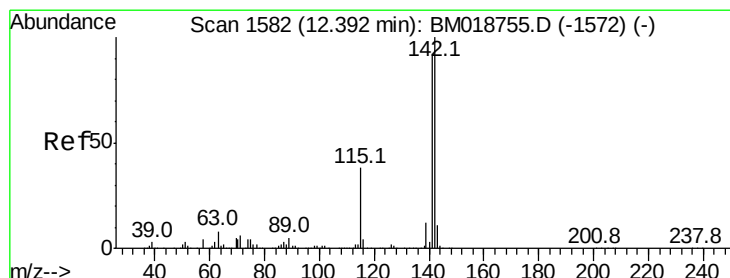
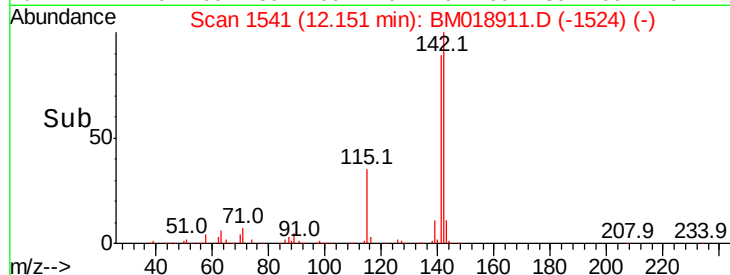
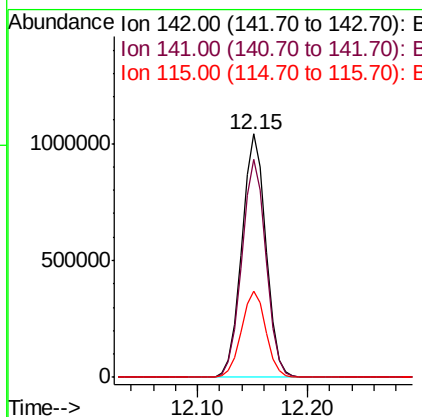
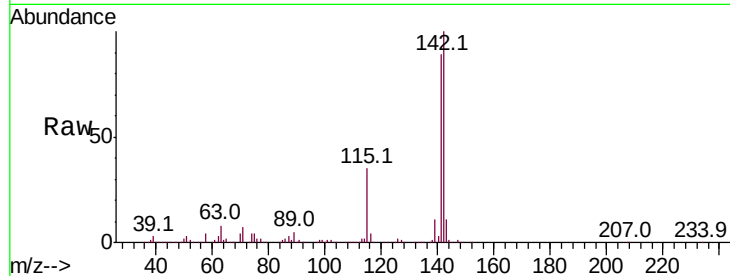
#37
 2-Methylnaphthalene
 Concen: 45.190 ng
 RT: 12.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampled :
 PB117339BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	35.3	29.1	43.7

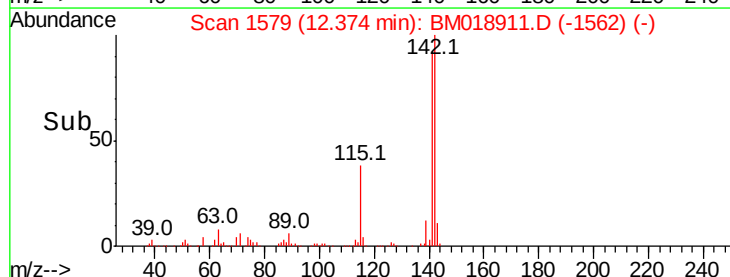
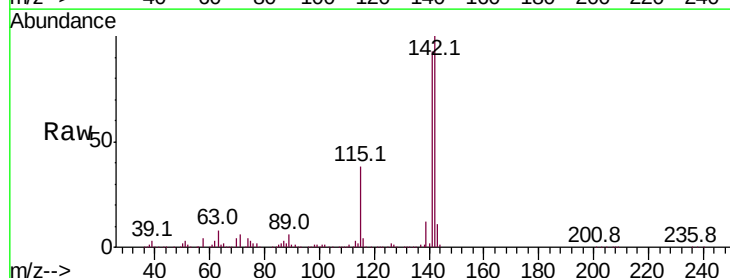
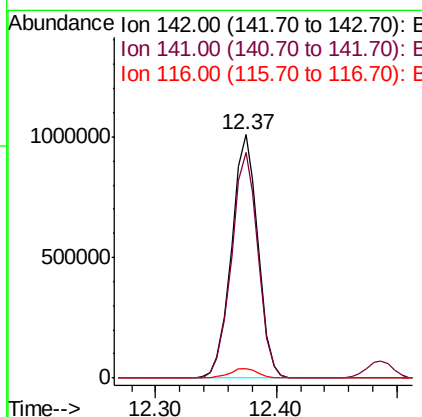
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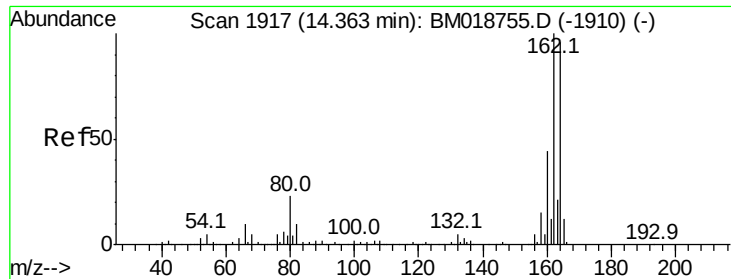
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#38
 1-Methylnaphthalene
 Concen: 44.060 ng
 RT: 12.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

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





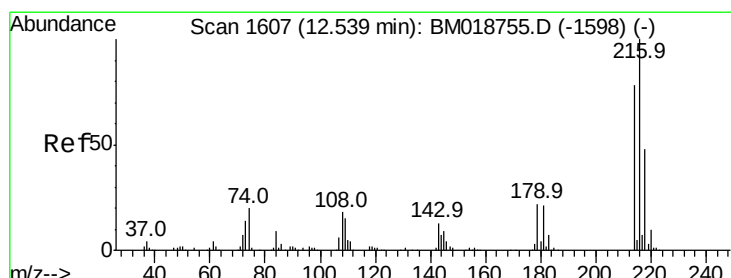
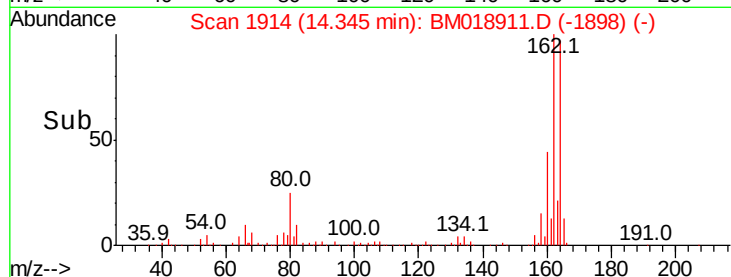
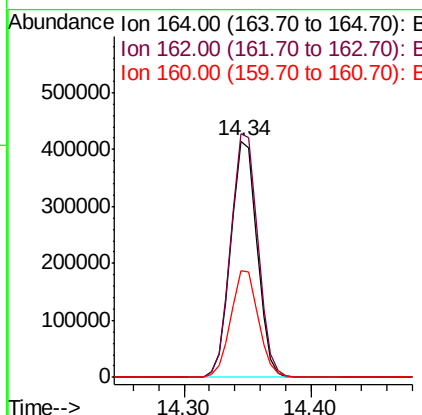
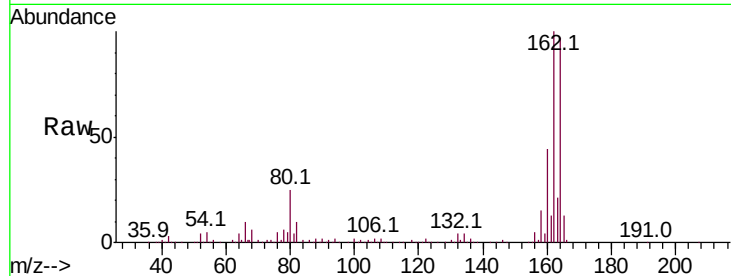
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampled :
 PB117339BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	594328		
162	103.2	83.4	125.0	
160	45.4	36.6	55.0	

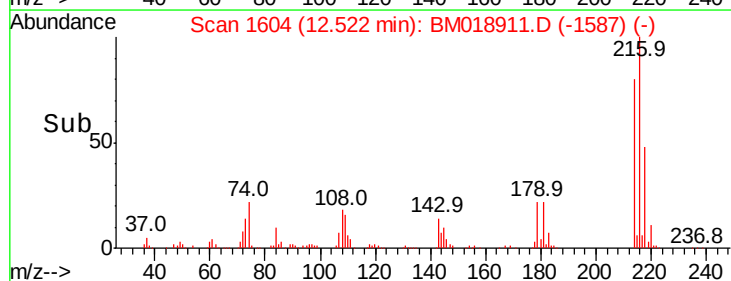
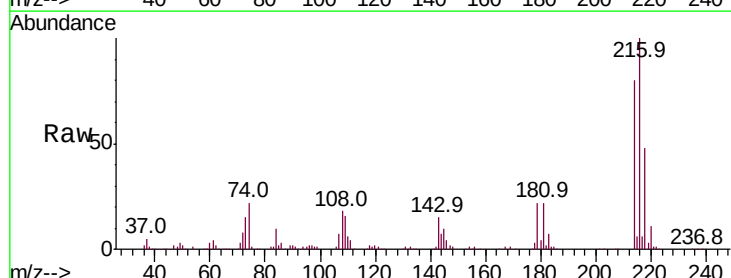
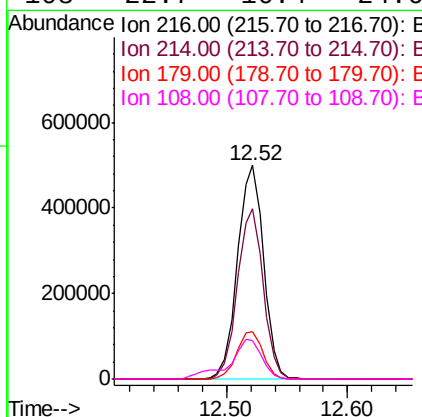
Manual Integrations
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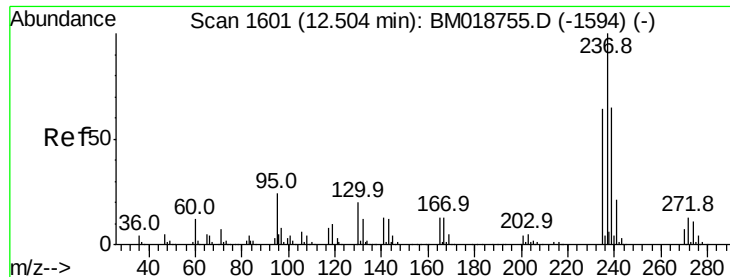
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.683 ng
 RT: 12.52 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	754448		
214	78.9	63.2	94.8	
179	22.6	17.8	26.8	
108	22.7	16.4	24.6	





#41

Hexachlorocyclopentadiene

Concen: 86.523 ng

RT: 12.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

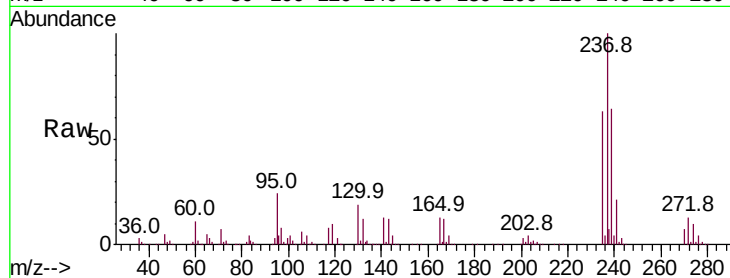
ClientSampleId :

PB117339BS

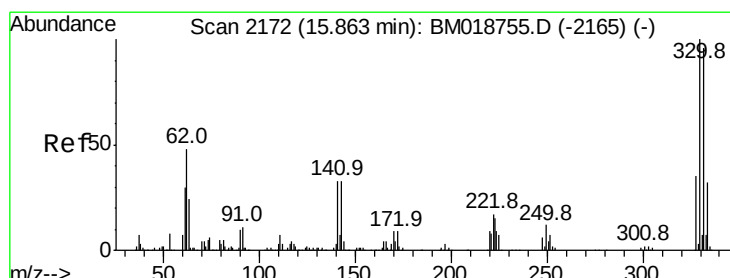
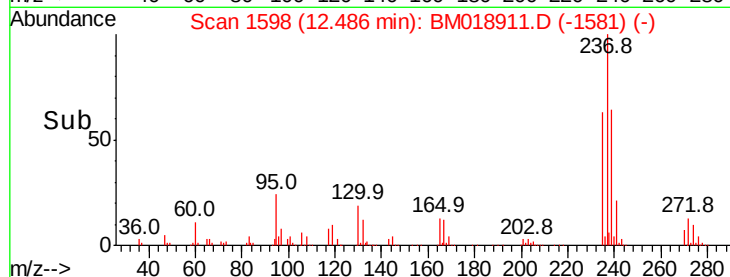
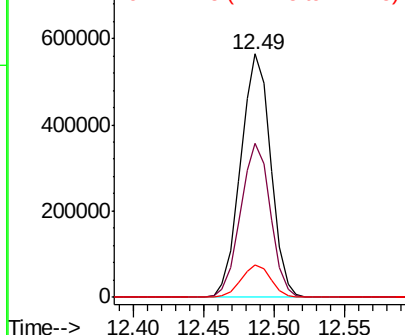
Tot Ion:	237	Resp:	841031
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.7	83.7
272	13.3	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 153.348 ng

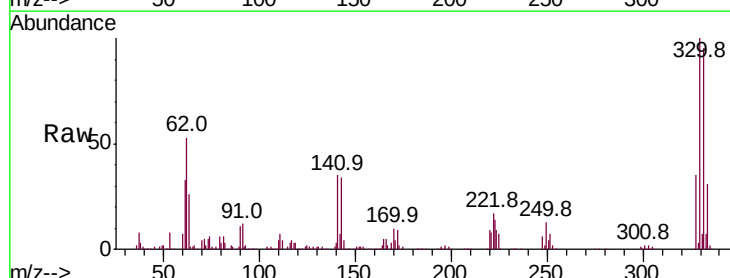
RT: 15.84 min Scan# 2169

Delta R.T. -0.01 min

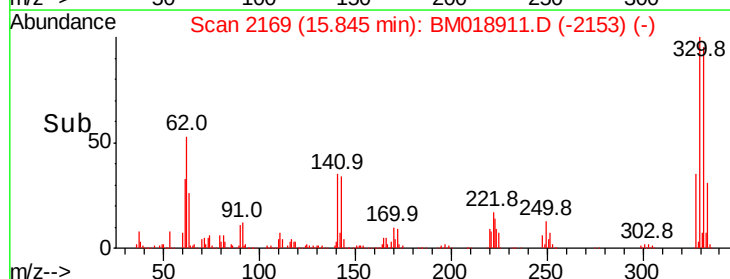
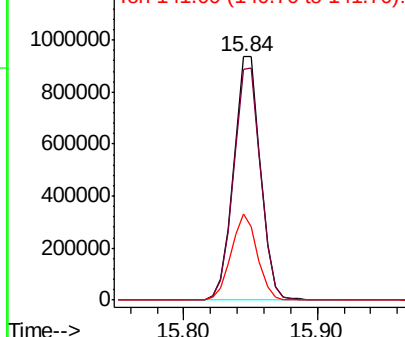
Lab File: BM018911.D

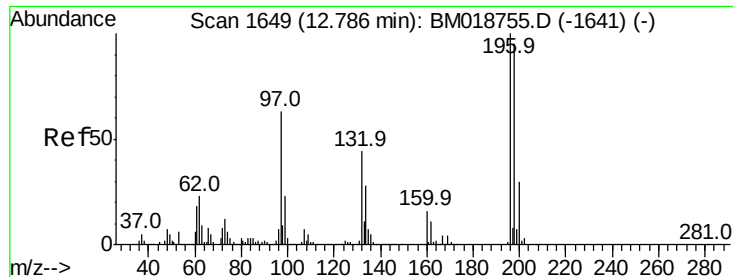
Acq: 25 Feb 2019 12:16

Tgt Ion:	330	Resp:	1313743
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.9	115.3
141	34.4	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





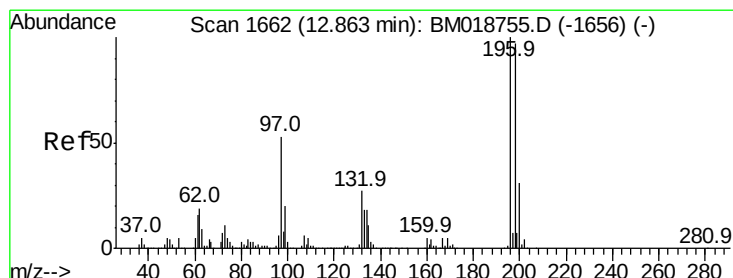
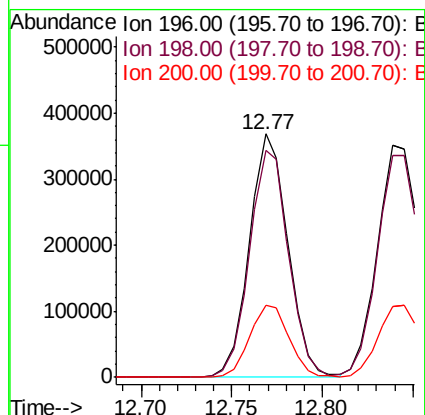
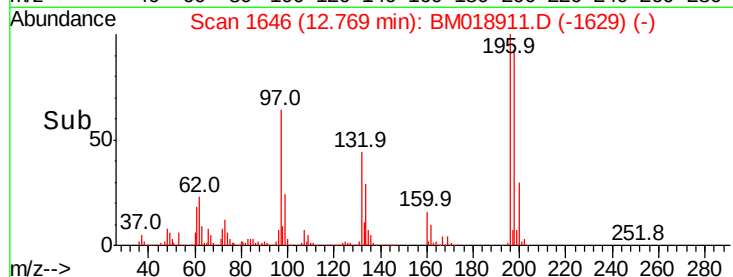
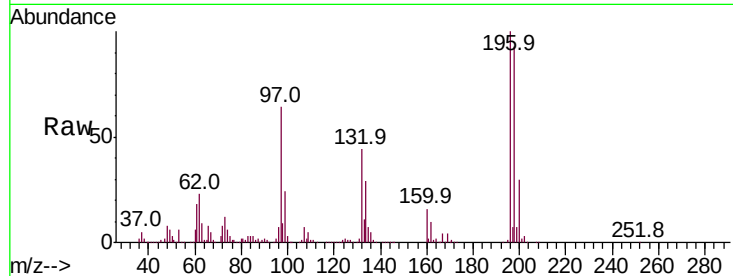
#43
2,4,6-Trichlorophenol
Concen: 43.249 ng
RT: 12.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampled :
PB117339BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	544324		
198	93.3	76.2	114.2	
200	29.8	24.2	36.2	

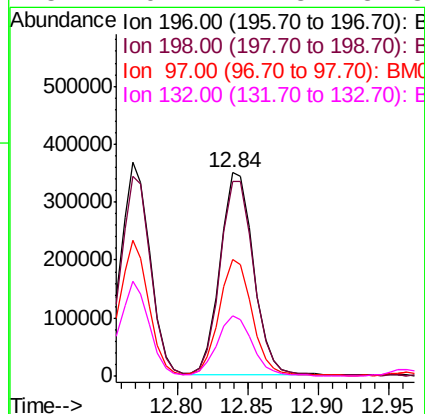
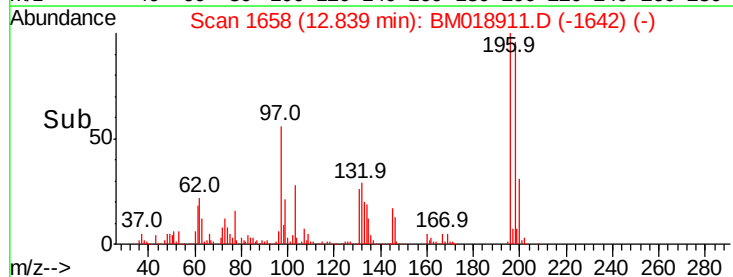
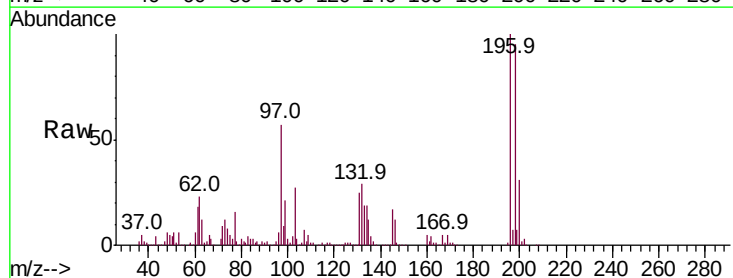
Manual Integrations
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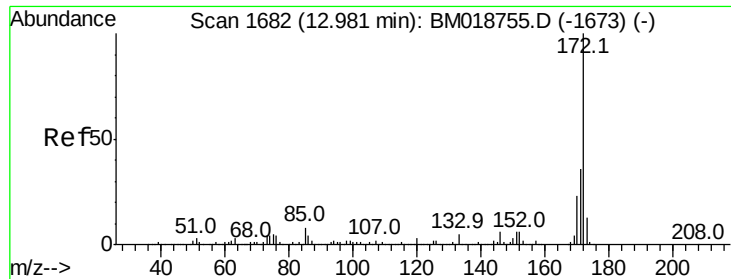
Sohil
2/26/2019 12:05:59 PM



#44
2,4,5-Trichlorophenol
Concen: 43.641 ng
RT: 12.84 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	575695		
198	95.5	77.6	116.4	
97	57.4	42.8	64.2	
132	29.4	21.8	32.8	





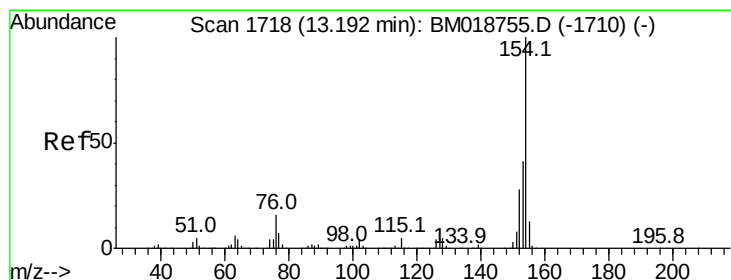
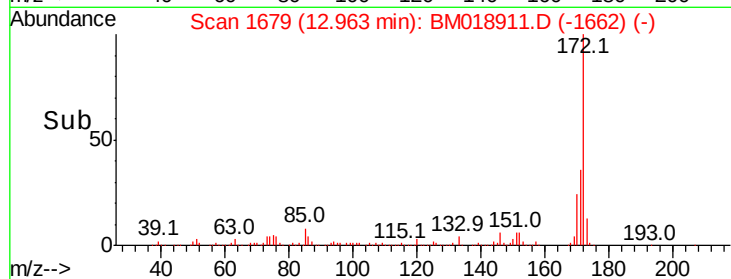
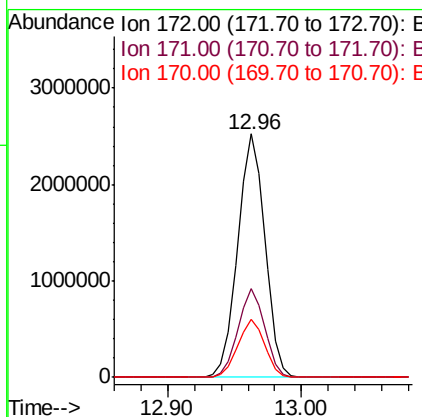
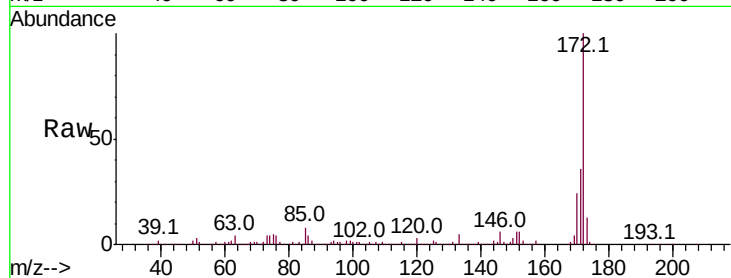
#45
2-Fluorobiphenyl
Concen: 79.510 ng
RT: 12.96 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	23.8	18.6	28.0

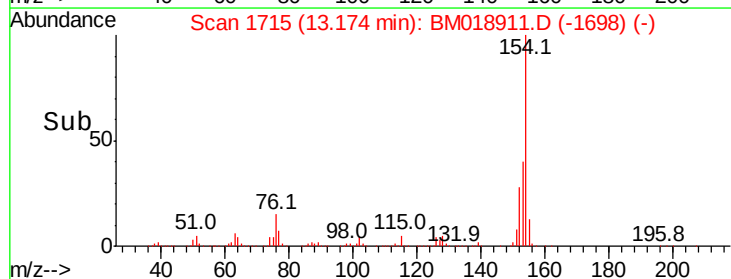
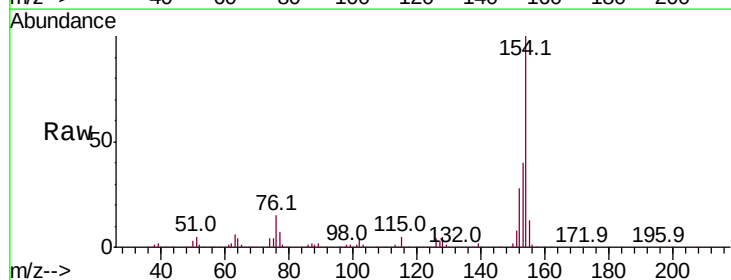
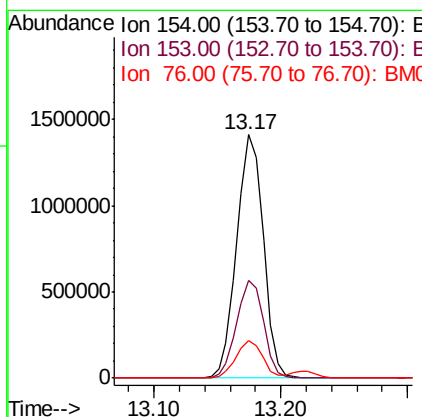
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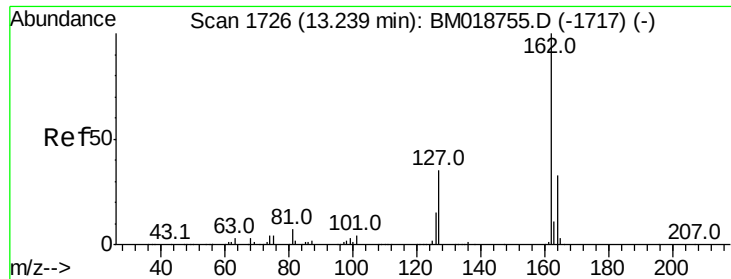
Sohil
2/26/2019 12:05:59 PM



#46
1,1'-Biphenyl
Concen: 40.187 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.1	61.1
76	15.5	0.0	35.7





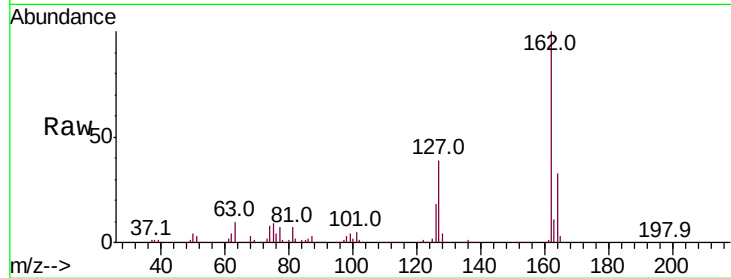
#47
2-Chloronaphthalene
Concen: 40.179 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampled :
PB117339BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.1	46.7
164	33.0	26.4	39.6

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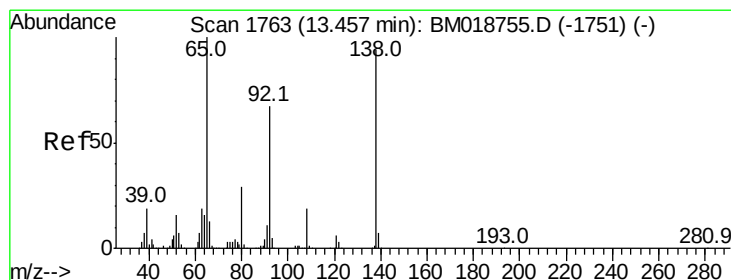
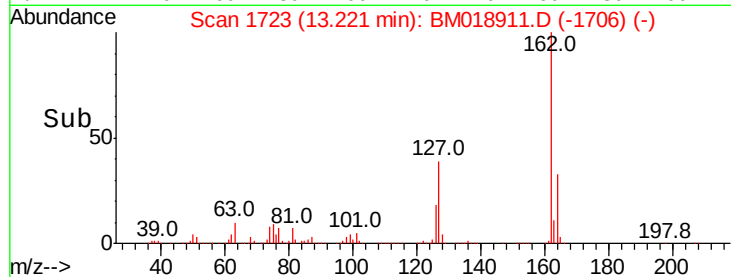
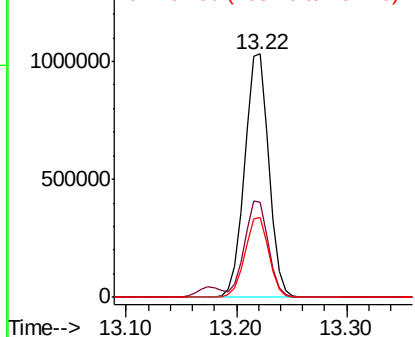


Abundance

Ion 162.00 (161.70 to 162.70): E

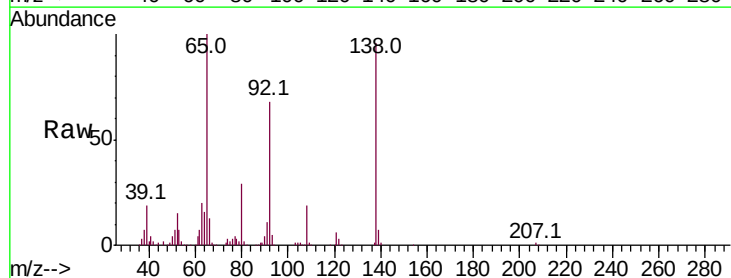
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.433 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.0	81.0
138	96.2	74.9	112.3

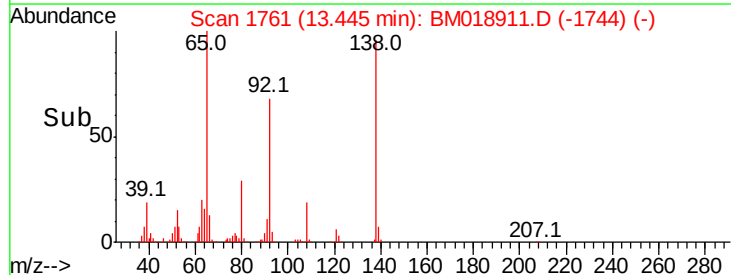
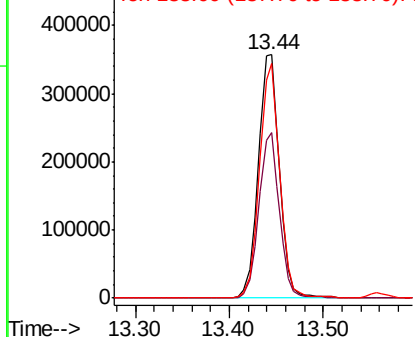


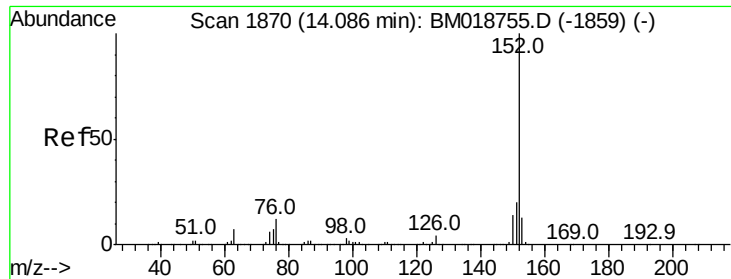
Abundance

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: 44.087 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

Tot Ion:152 Resp: 2593940

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

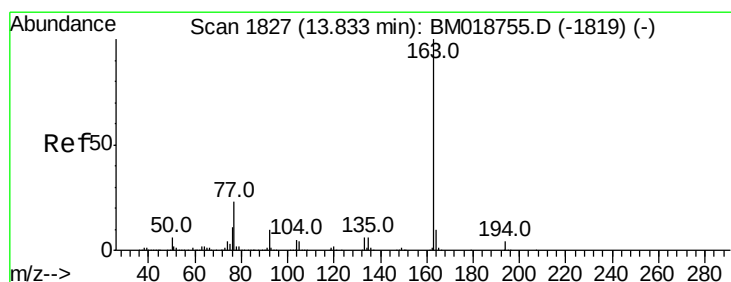
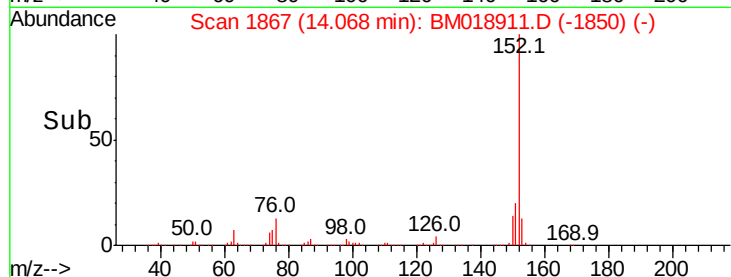
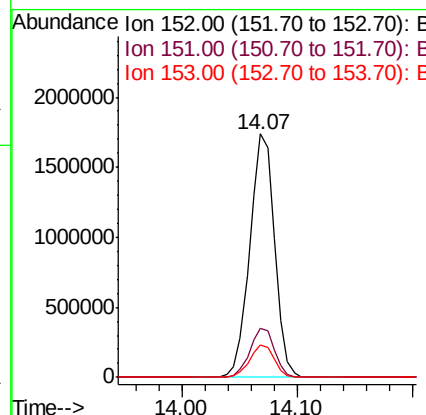
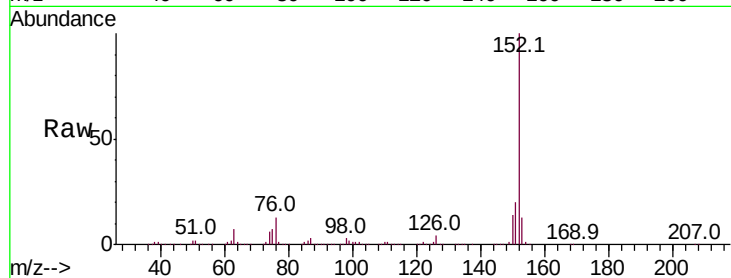
153 13.4 10.5 15.7

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#50

Dimethylphthalate

Concen: 41.013 ng

RT: 13.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

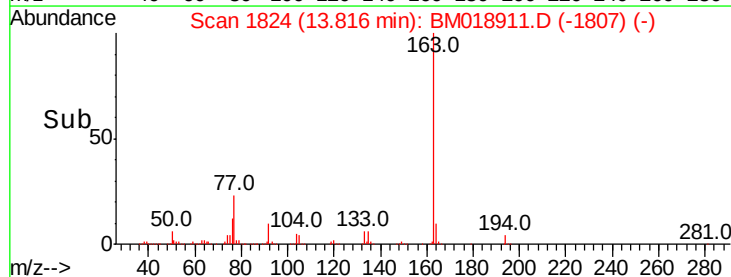
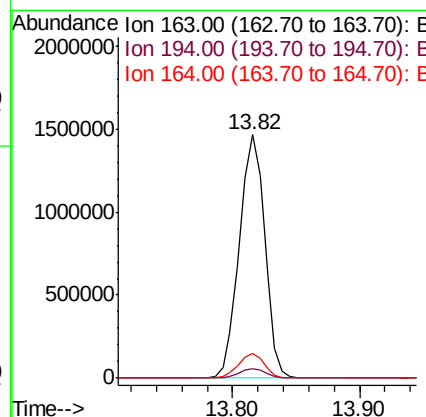
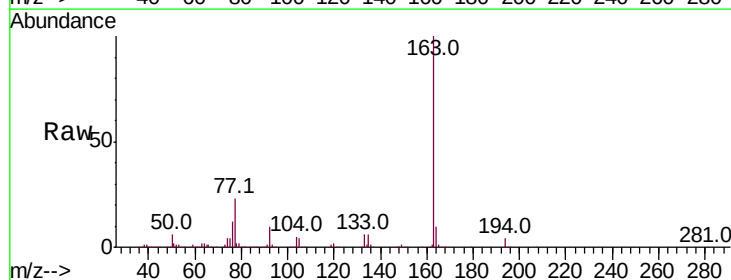
Tgt Ion:163 Resp: 2031444

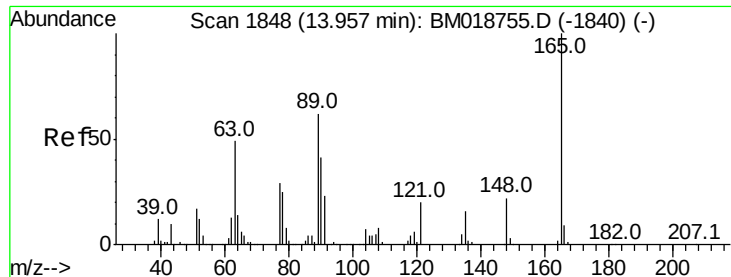
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.1 7.8 11.8





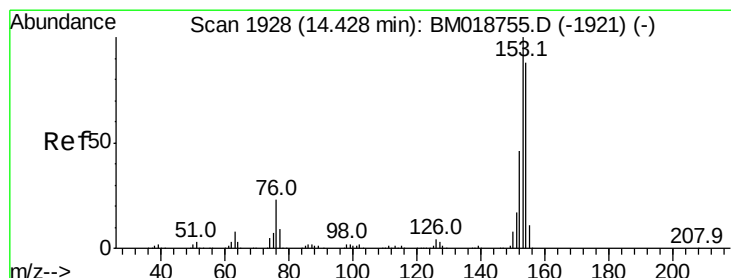
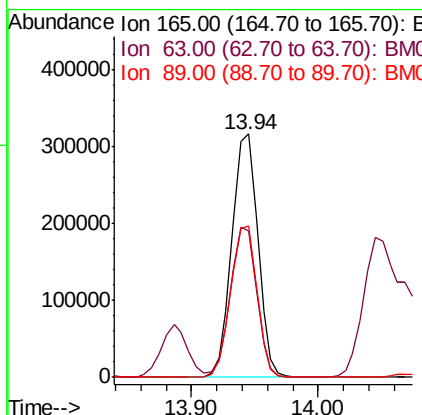
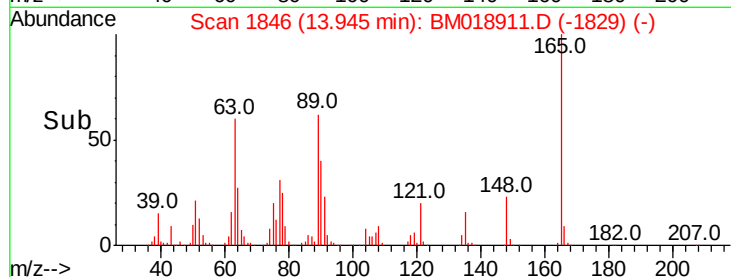
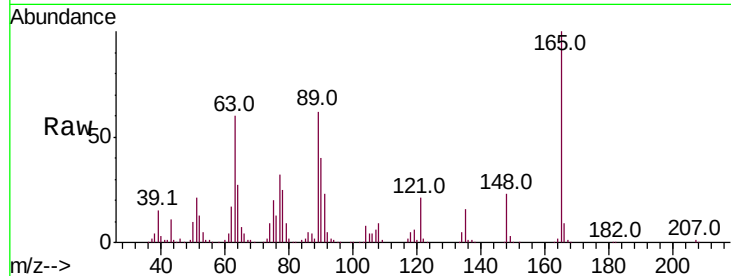
#51
2,6-Dinitrotoluene
Concen: 41.841 ng
RT: 13.94 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.9	48.9	73.3
89	62.0	49.4	74.0

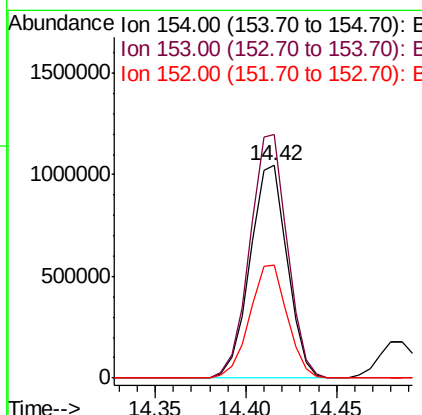
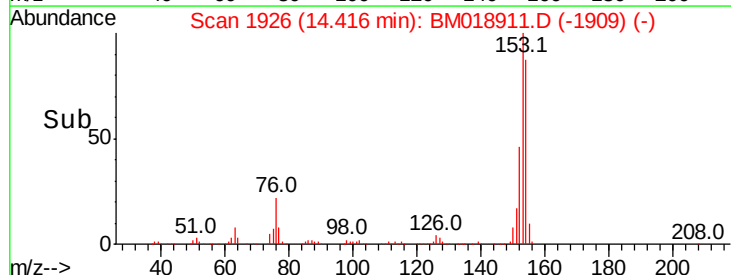
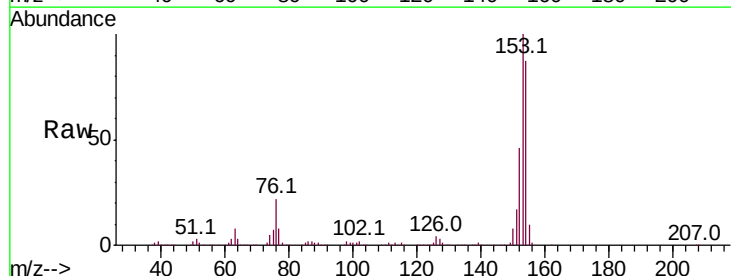
Manual Integrations
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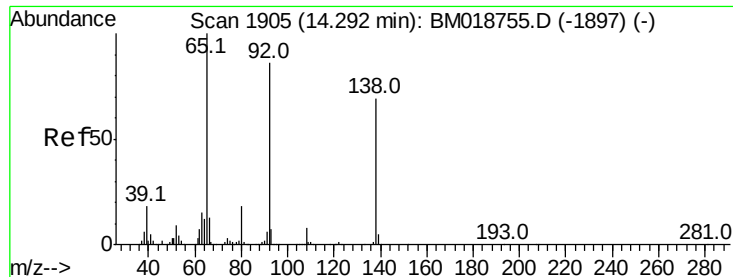
Sohil
2/26/2019 12:05:59 PM



#52
Acenaphthene
Concen: 41.449 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.3	136.9
152	53.2	42.2	63.4





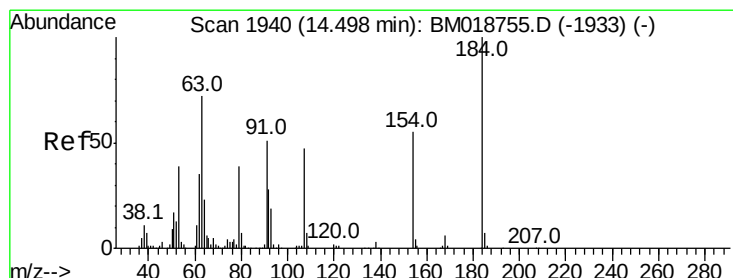
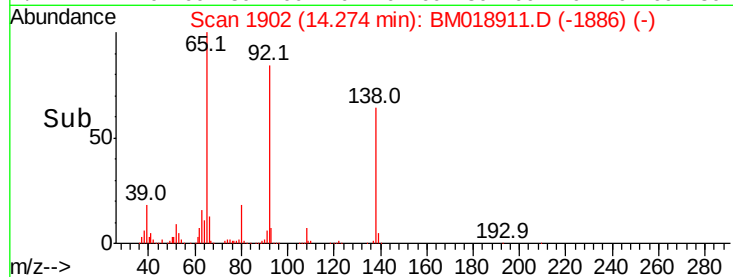
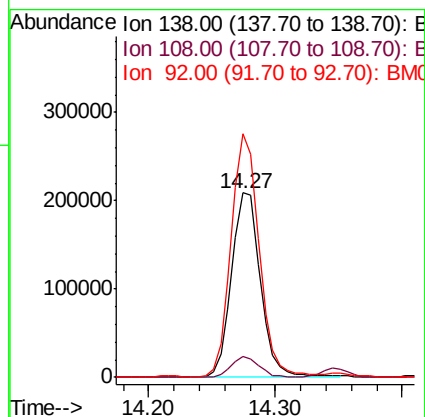
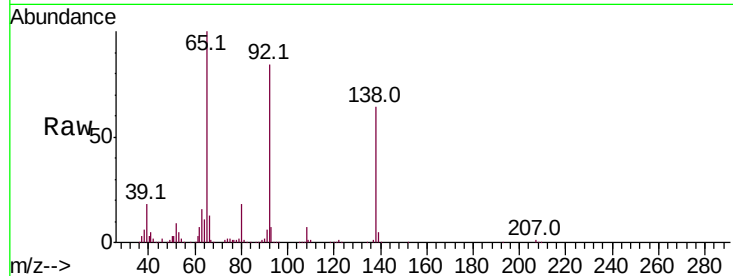
#53
3-Nitroaniline
Concen: 27.148 ng
RT: 14.27 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.5	9.1	13.7	
92	131.8	99.7	149.5	

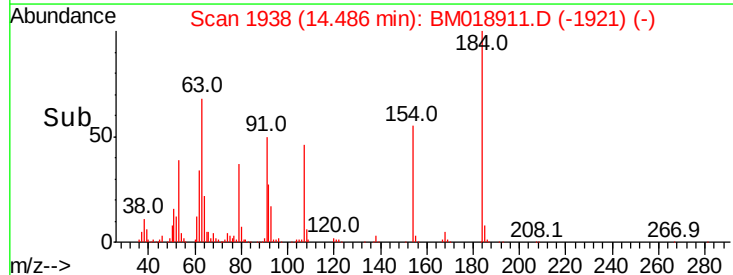
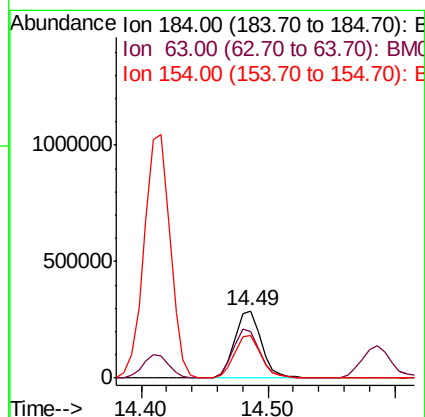
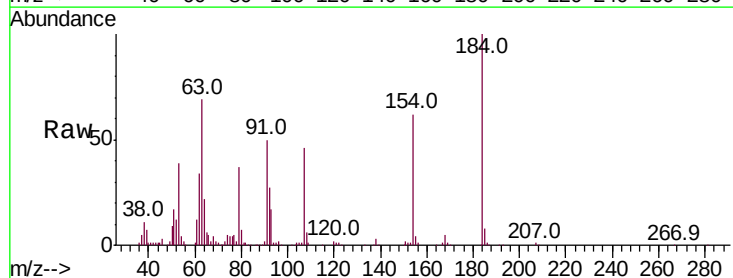
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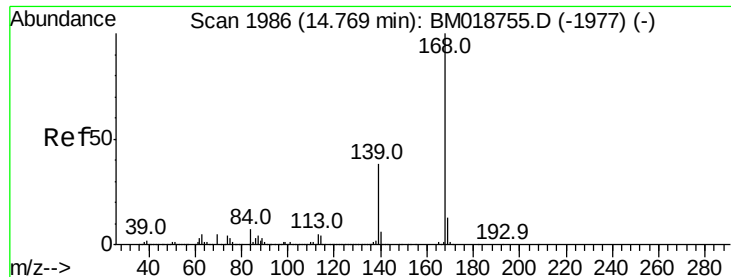
Sohil
2/26/2019 12:05:59 PM



#54
2,4-Dinitrophenol
Concen: 63.742 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.8	58.0	87.0	
154	62.5	50.3	75.5	





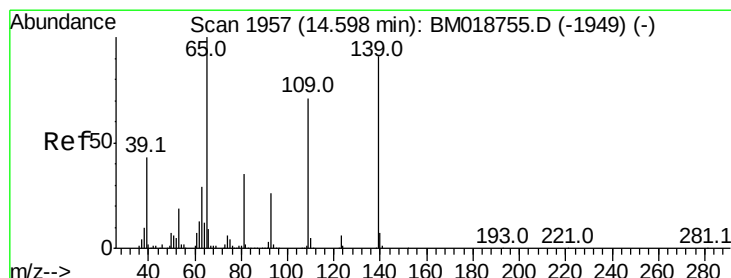
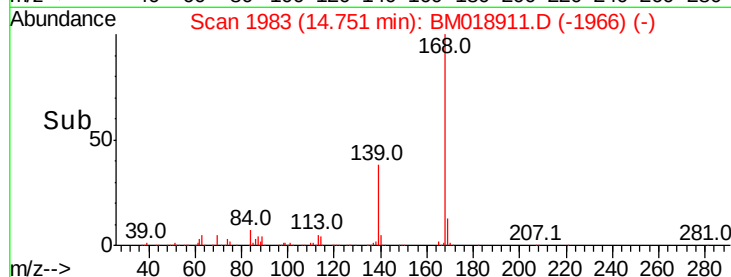
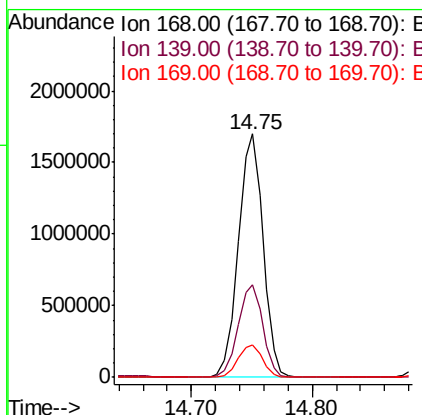
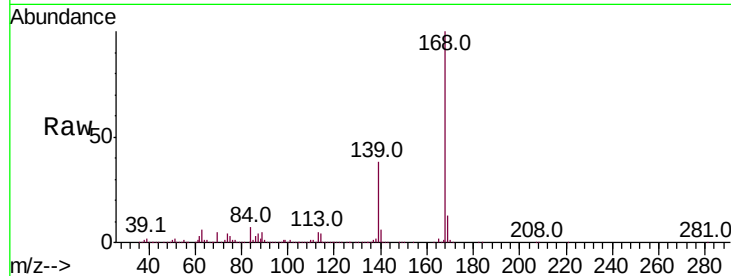
#55
Dibenzenofuran
Concen: 40.908 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

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

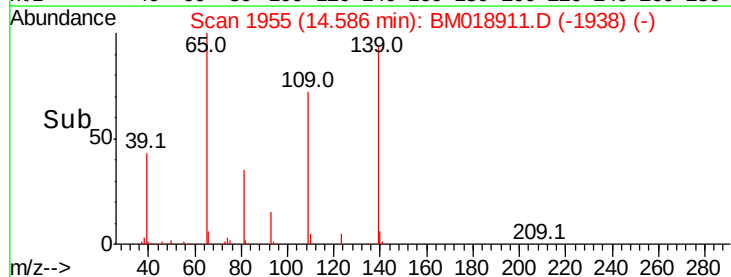
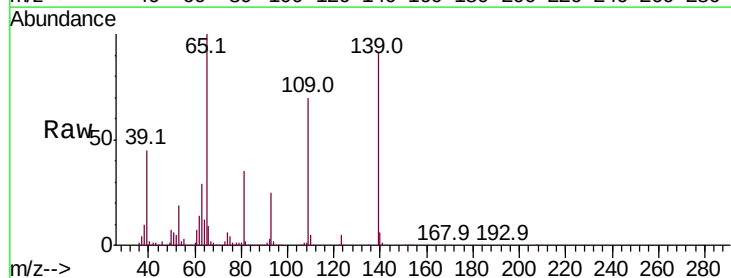
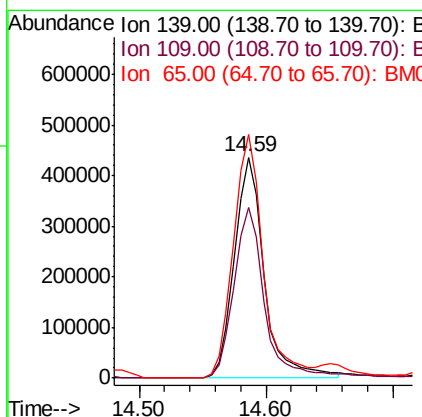
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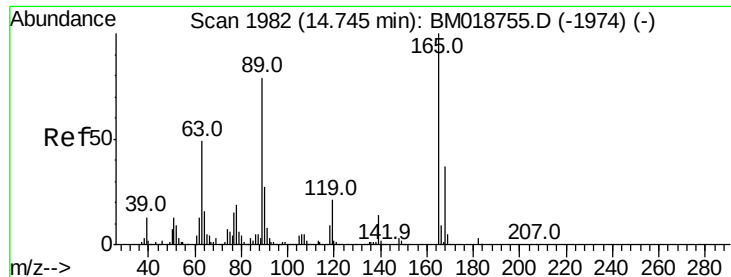
Sohil
2/26/2019 12:05:59 PM



#56
4-Nitrophenol
Concen: 73.439 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.2	58.4	98.4
65	110.2	89.8	129.8





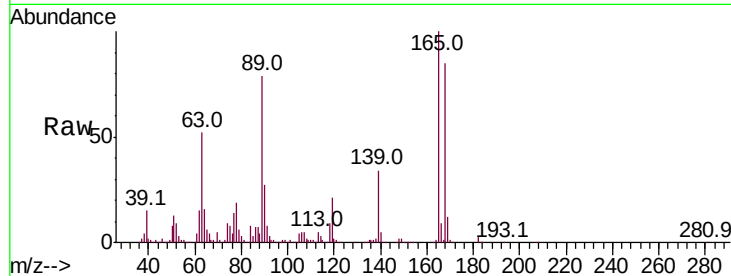
#57
2,4-Dinitrotoluene
Concen: 42.930 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	634647		
63	51.5	39.6	59.4	
89	79.2	63.5	95.3	
182	2.8	2.2	3.4	

Manual Integrations
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Sohil
2/26/2019 12:05:59 PM



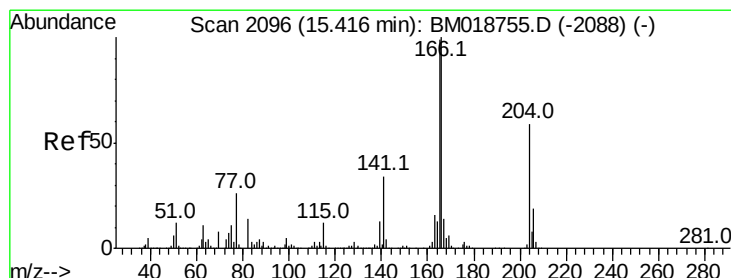
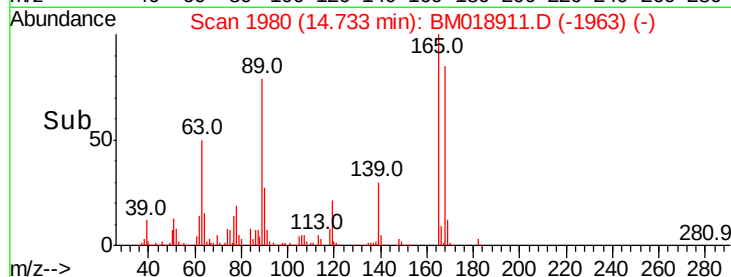
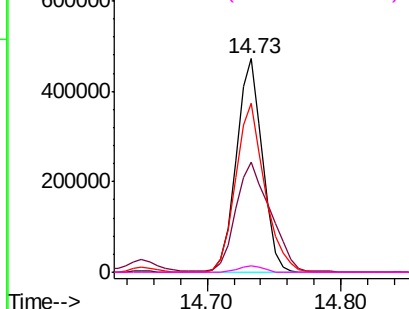
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

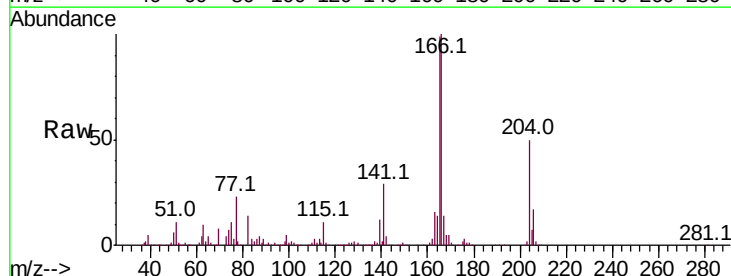
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.894 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1991293		
165	98.7	79.1	118.7	
167	13.8	11.0	16.4	

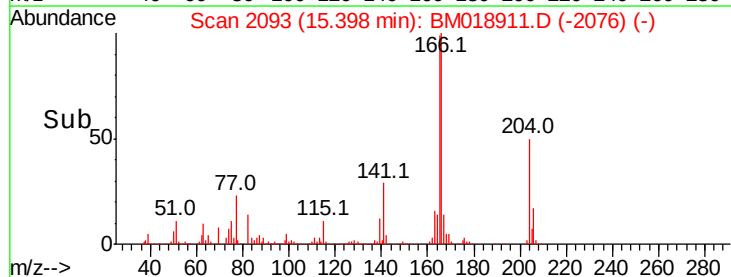
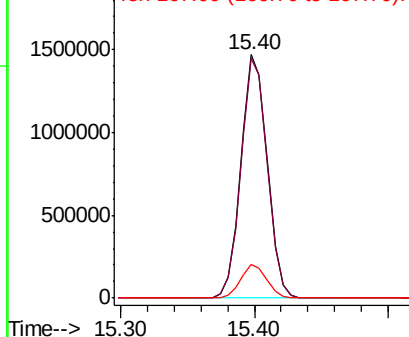


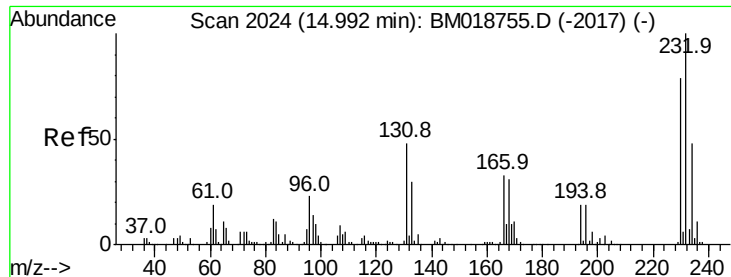
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





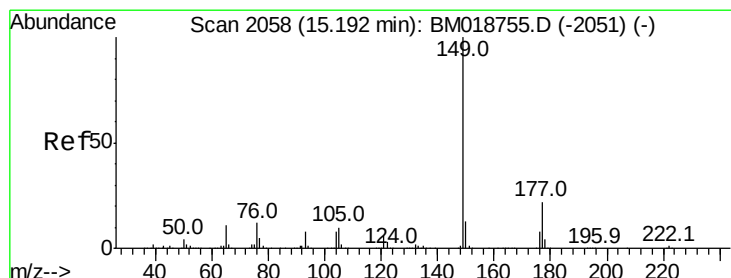
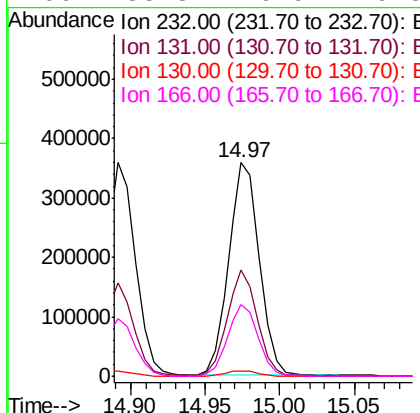
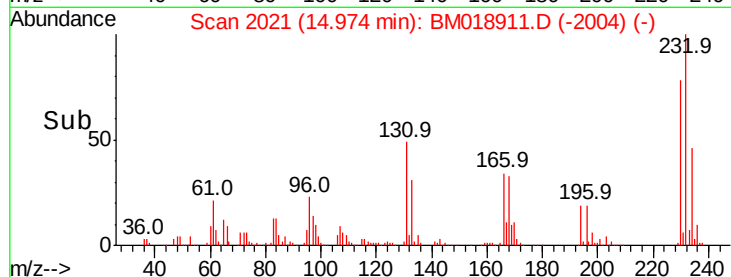
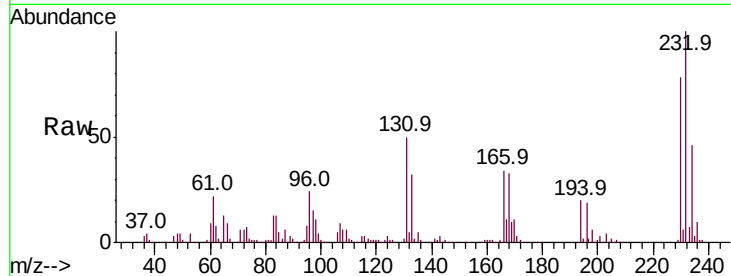
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.168 ng
 RT: 14.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	515012		
131	48.5	38.6	57.8	
130	2.5	2.0	3.0	
166	33.3	26.9	40.3	

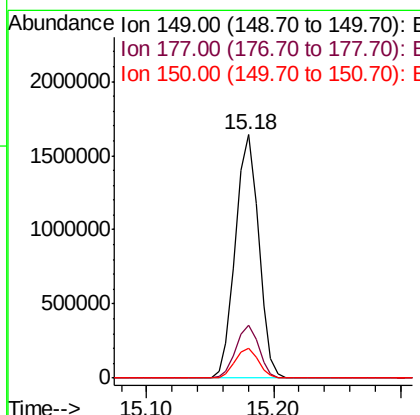
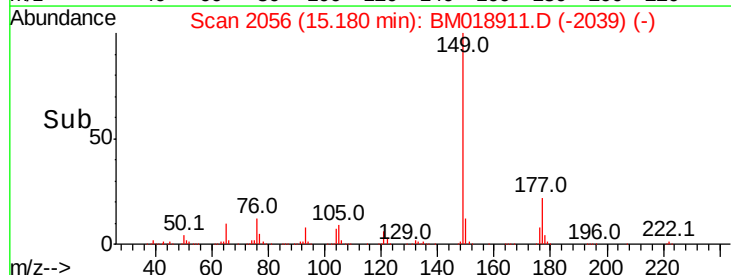
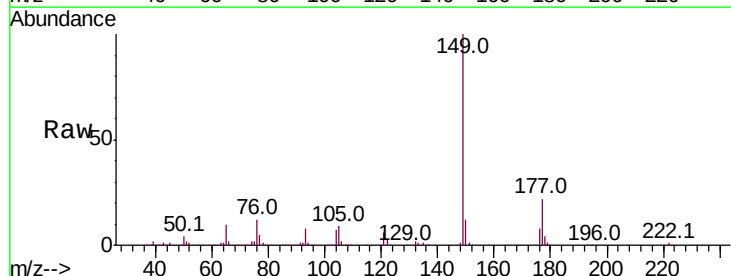
Manual Integrations
 APPROVED

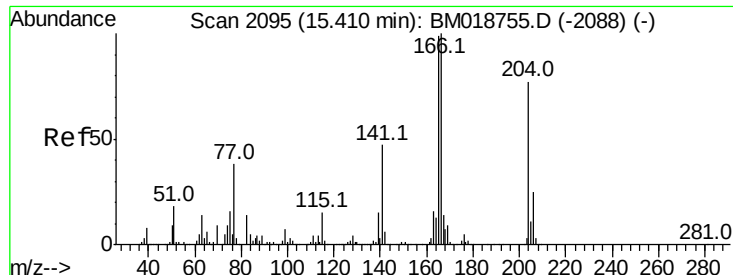
Sohil
 2/26/2019 12:05:59 PM



#60
 Diethylphthalate
 Concen: 40.813 ng
 RT: 15.18 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2085285		
177	21.9	17.2	25.8	
150	12.4	10.2	15.2	





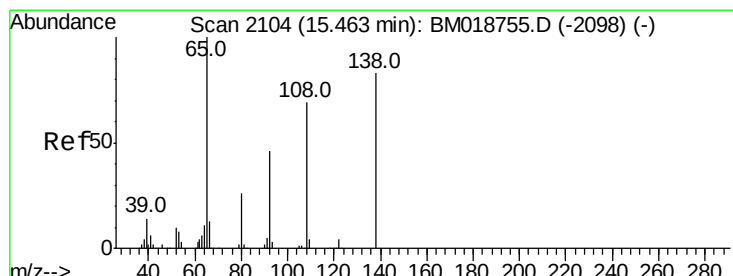
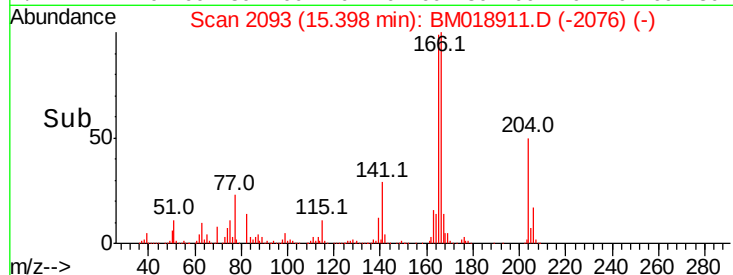
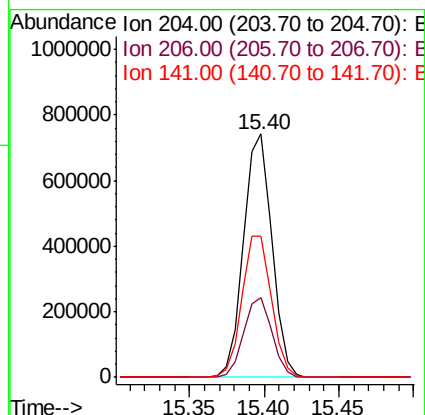
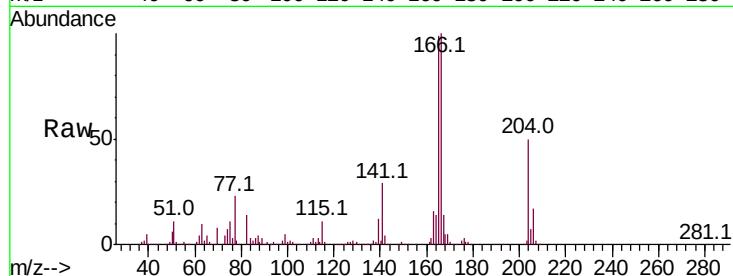
#61
4-Chlorophenyl-phenylether
Concen: 38.390 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampled :
PB117339BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	57.8	49.2	73.8

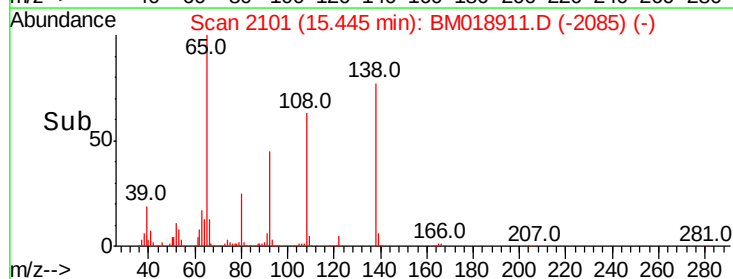
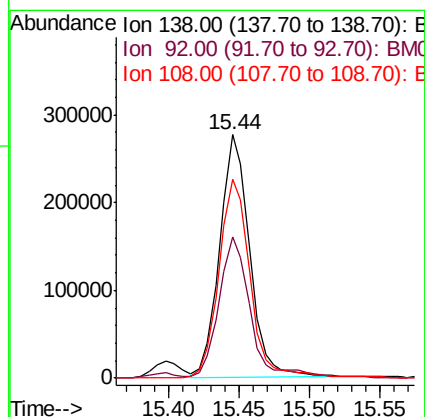
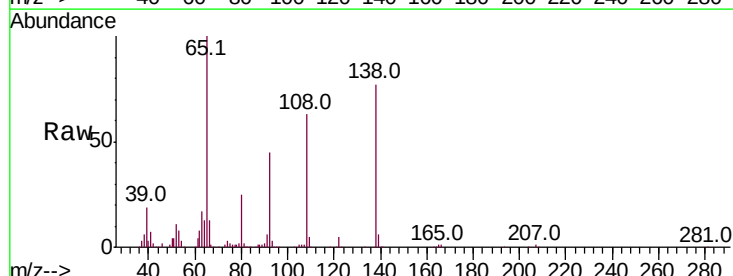
Manual Integrations
APPROVED

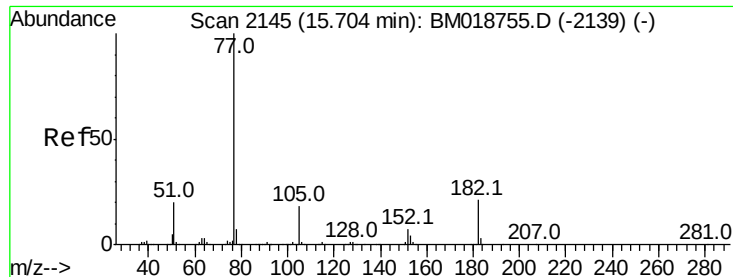
Sohil
2/26/2019 12:05:59 PM



#62
4-Nitroaniline
Concen: 34.266 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.9	35.5	75.5
108	81.9	62.4	102.4





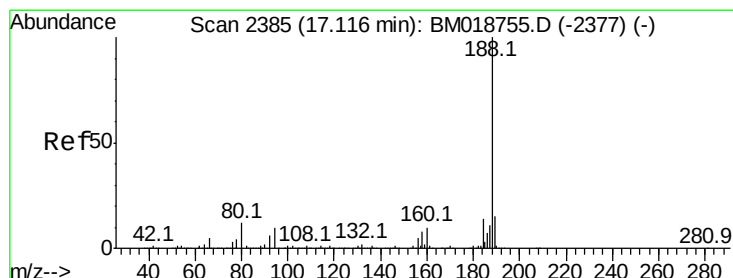
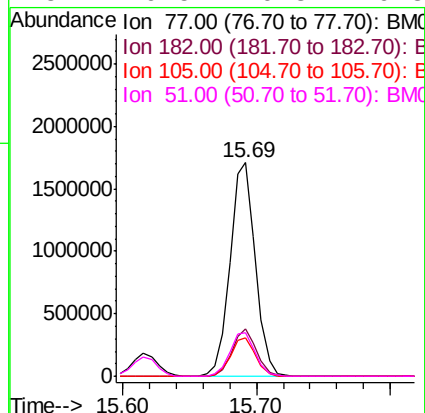
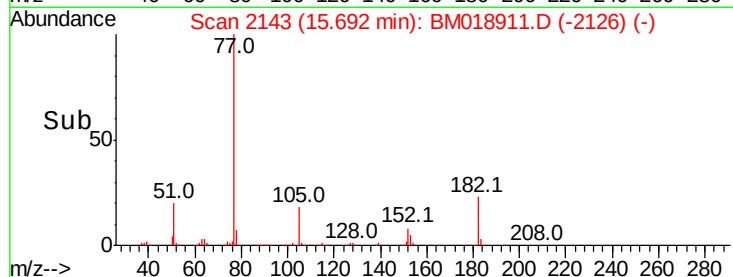
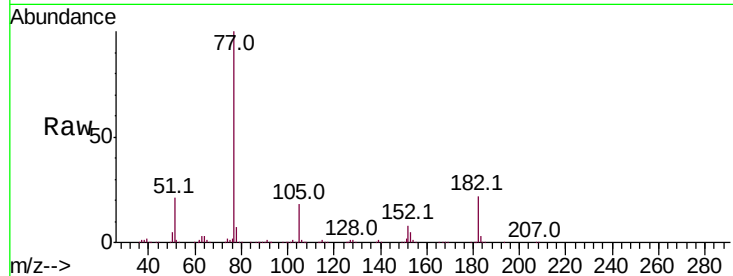
#63
Azobenzene
Concen: 41.177 ng
RT: 15.69 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.5	1.0	41.0
105	18.3	0.0	37.7
51	20.5	0.3	40.3

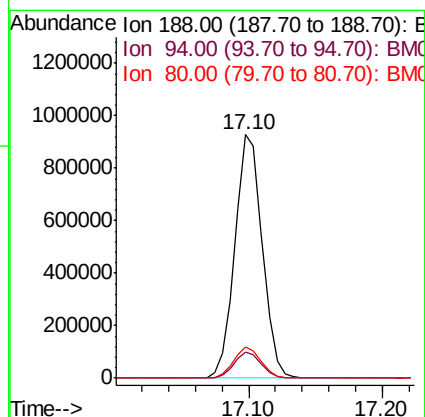
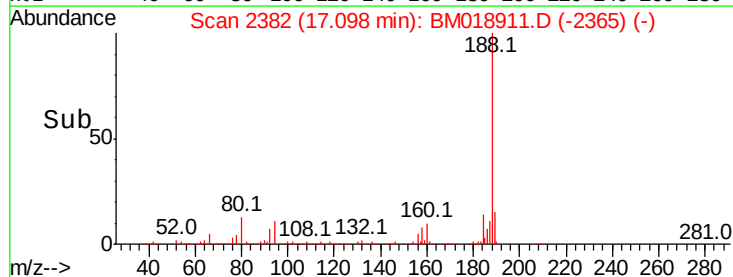
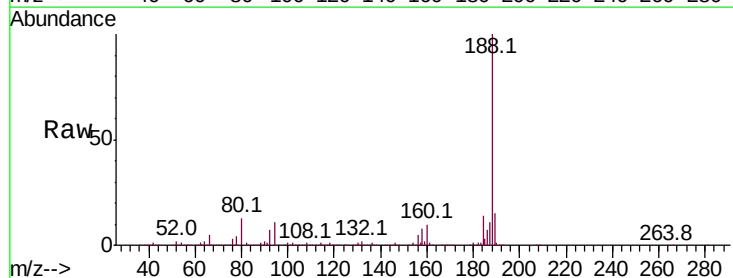
Manual Integrations
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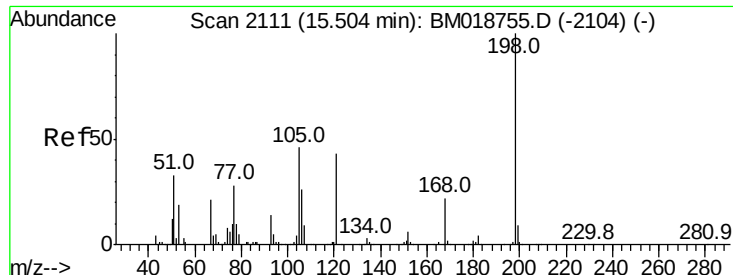
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.2
80	12.6	9.7	14.5





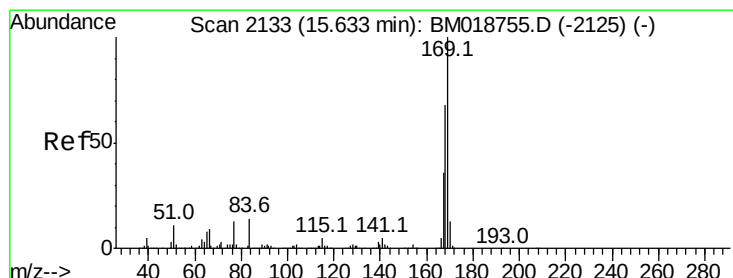
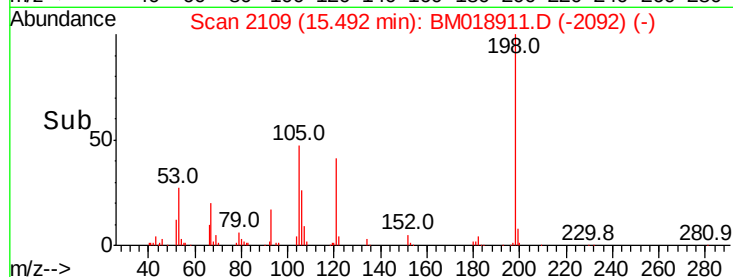
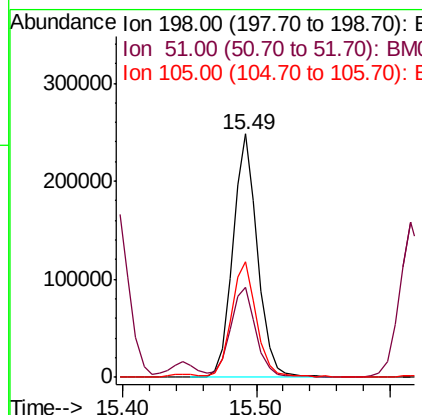
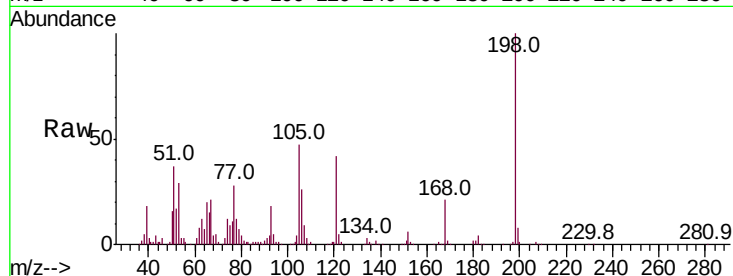
#65
4,6-Dinitro-2-methylphenol
Concen: 34.386 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	319451		
51	36.7	18.4	58.4	
105	47.3	27.2	67.2	

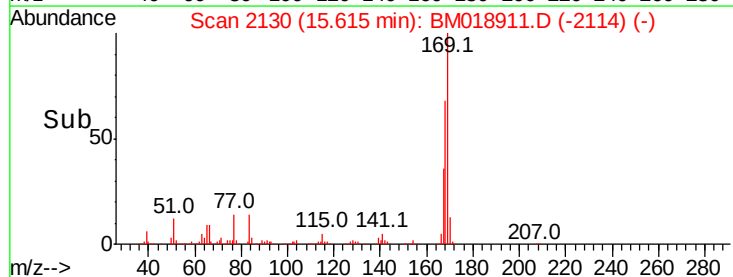
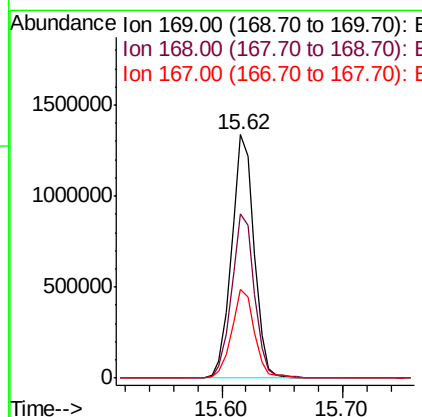
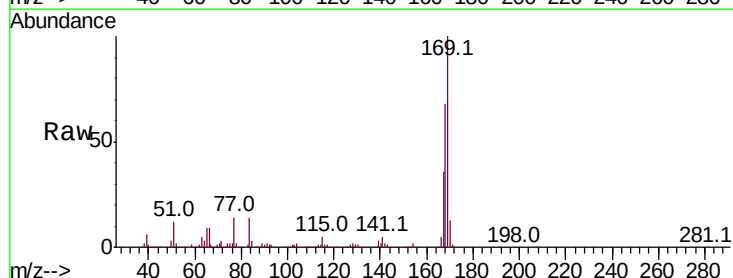
Manual Integrations
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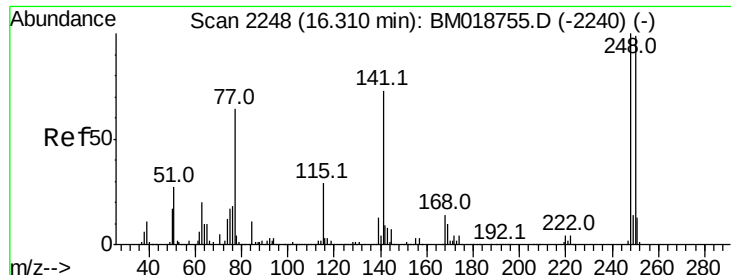
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 41.313 ng
RT: 15.62 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1727034		
168	67.7	54.4	81.6	
167	36.5	29.0	43.6	





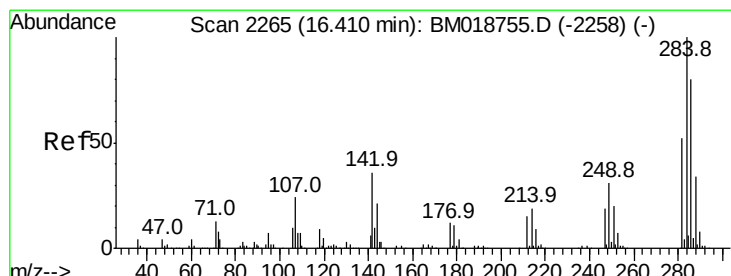
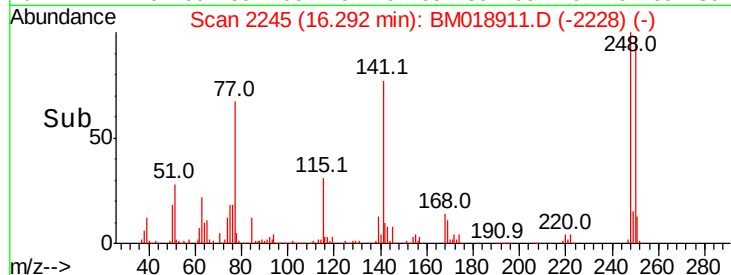
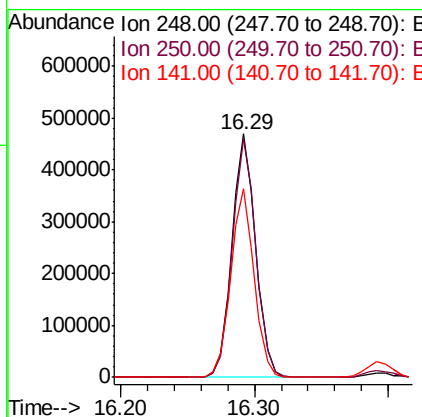
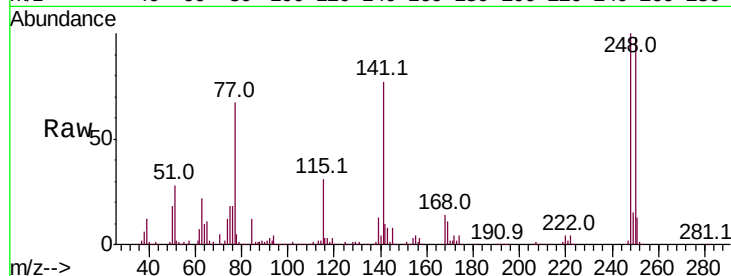
#67
4-Bromophenyl-phenylether
Concen: 39.203 ng
RT: 16.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.0	118.6
141	77.3	58.6	88.0

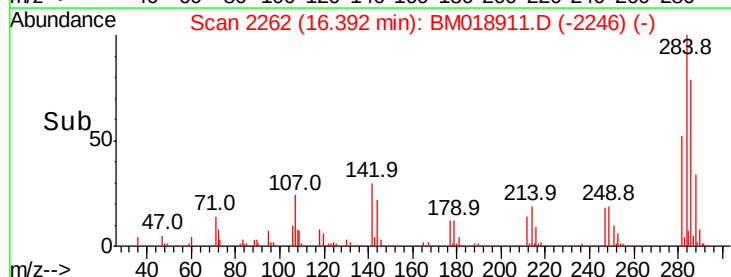
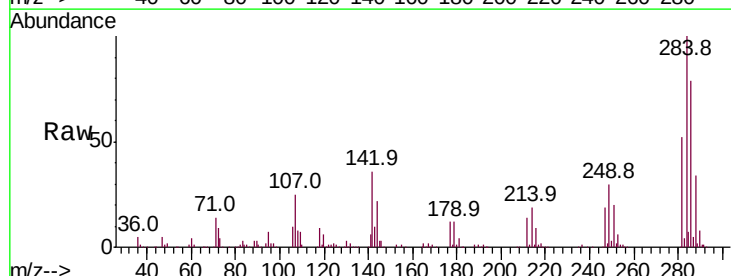
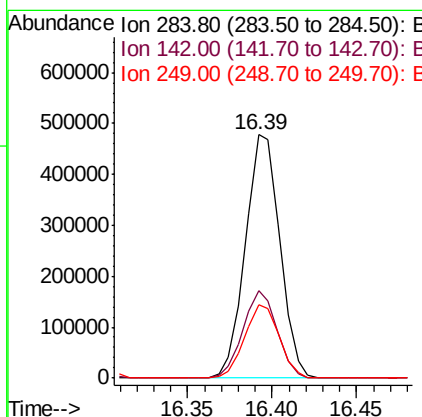
Manual Integrations
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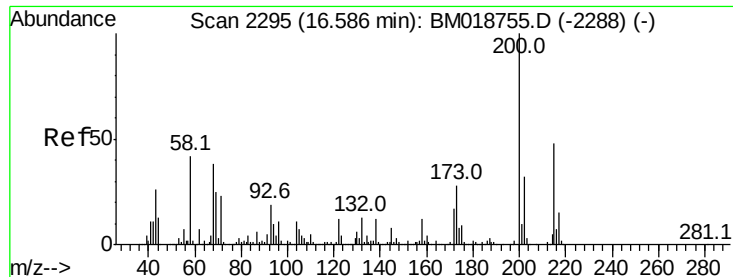
Sohil
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#68
Hexachlorobenzene
Concen: 39.586 ng
RT: 16.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	28.9	43.3
249	29.9	24.8	37.2





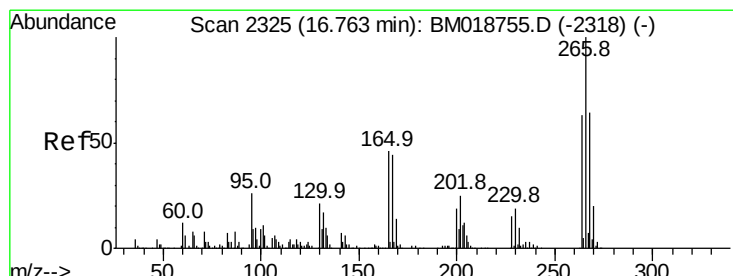
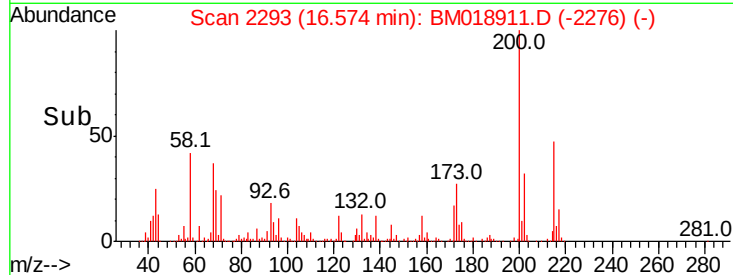
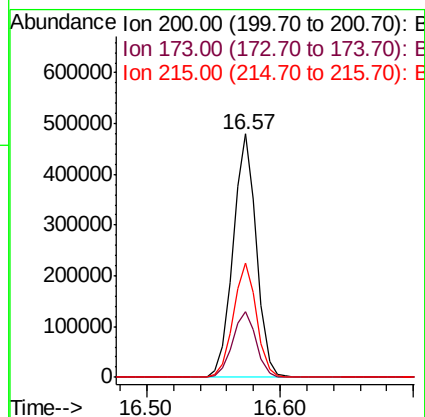
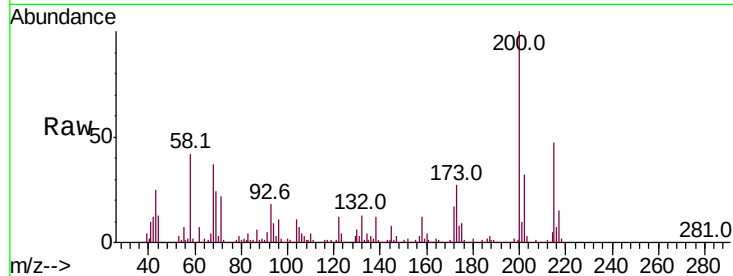
#69
Atrazine
Concen: 43.442 ng
RT: 16.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

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

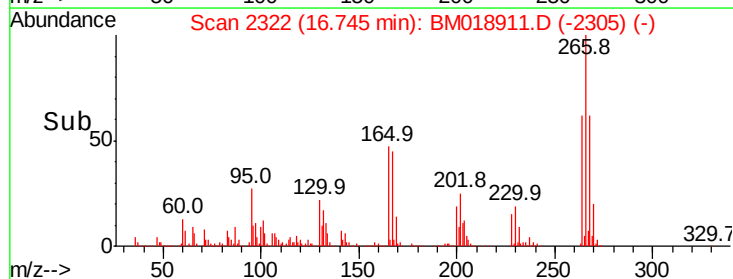
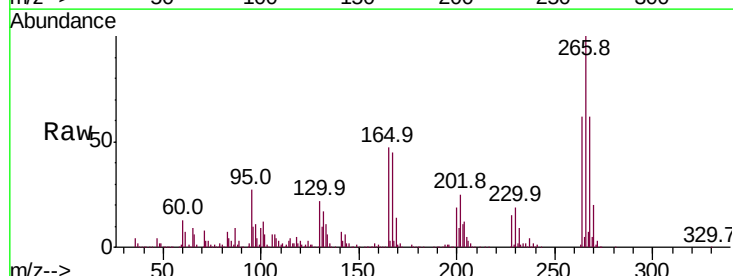
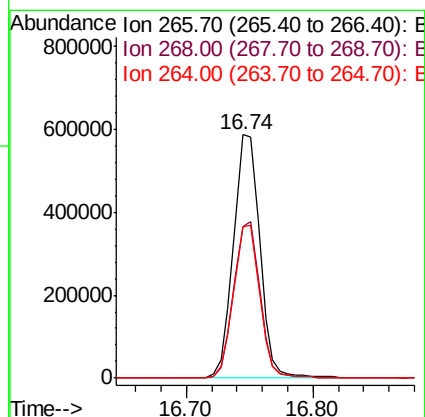
Manual Integrations
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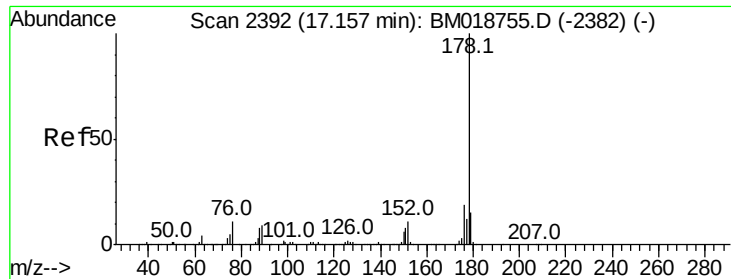
Sohil
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#70
Pentachlorophenol
Concen: 76.012 ng
RT: 16.74 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.0	51.3	76.9
264	62.4	50.6	75.8





#71

Phenanthrene

Concen: 43.237 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

Tot Ion:178 Resp: 3074504

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

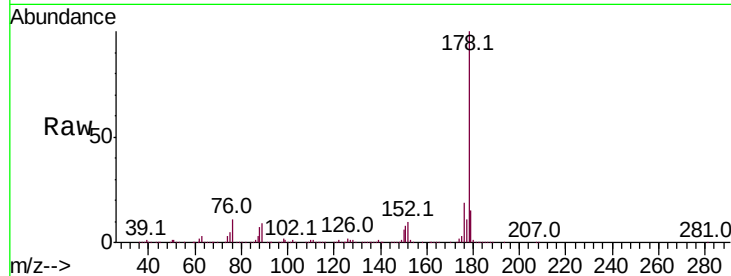
179 15.3 12.3 18.5

Manual Integrations

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Sohil

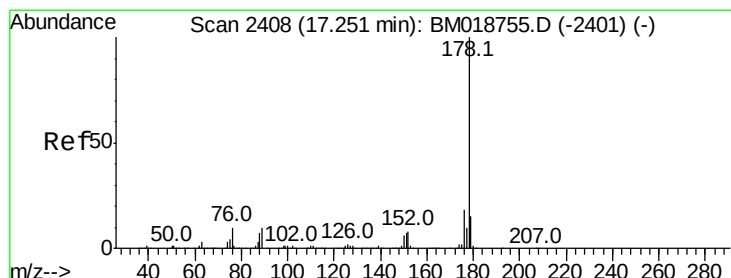
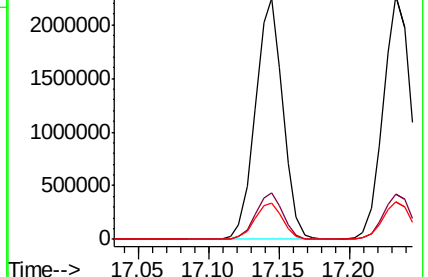
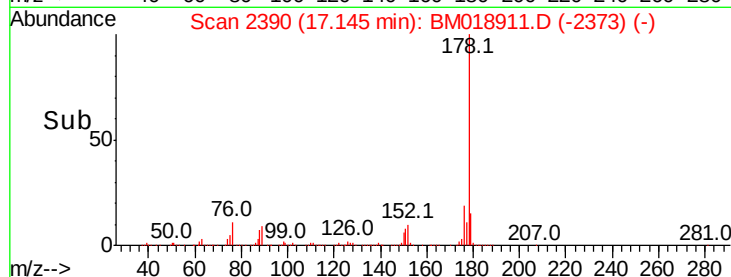
2/26/2019 12:05:59 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.821 ng

RT: 17.23 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

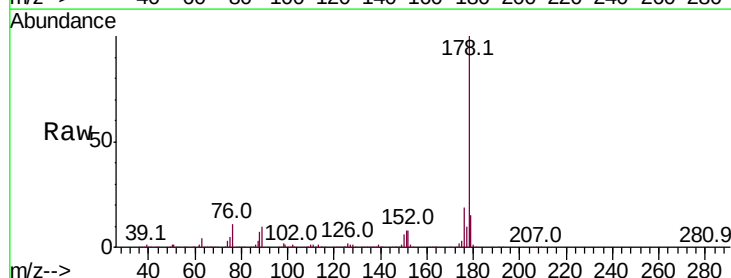
Tgt Ion:178 Resp: 3102113

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

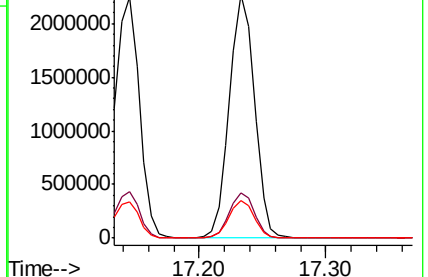
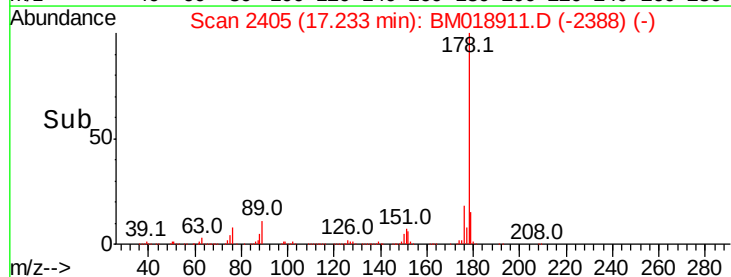
179 15.4 12.1 18.1

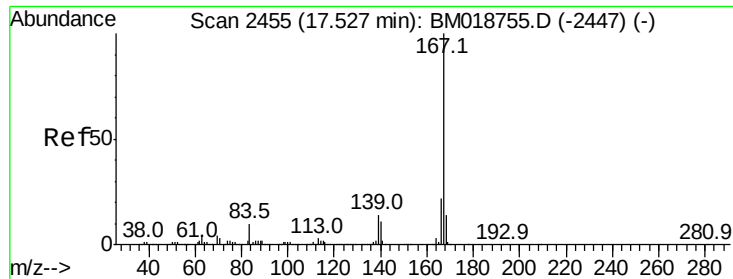


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





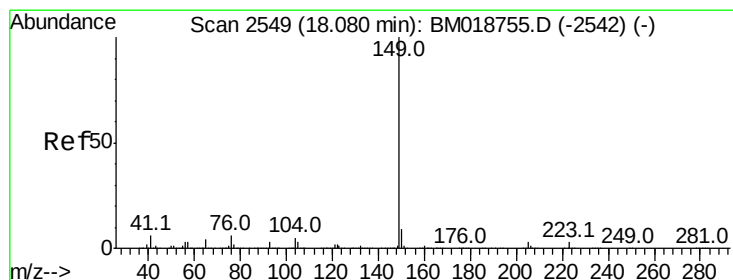
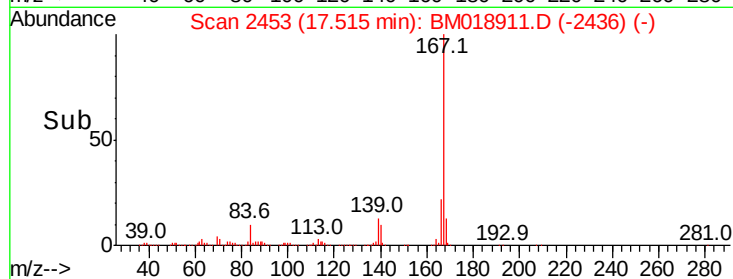
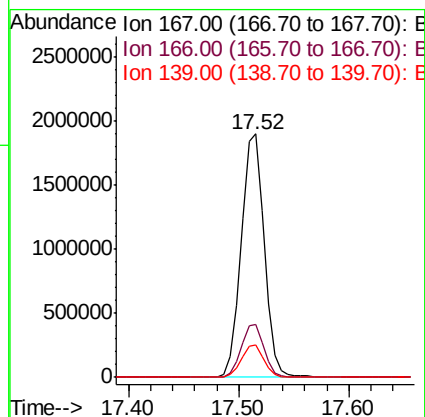
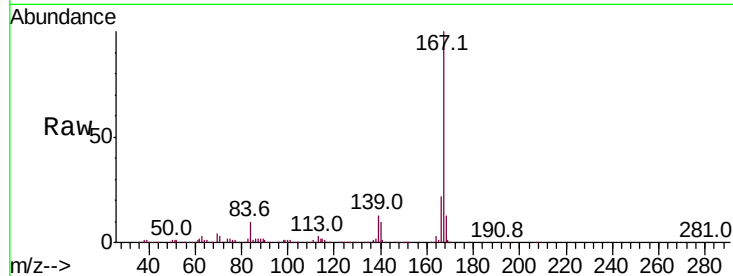
#73
 Carbazole
 Concen: 38.755 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampled :
 PB117339BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	13.1	10.9	16.3

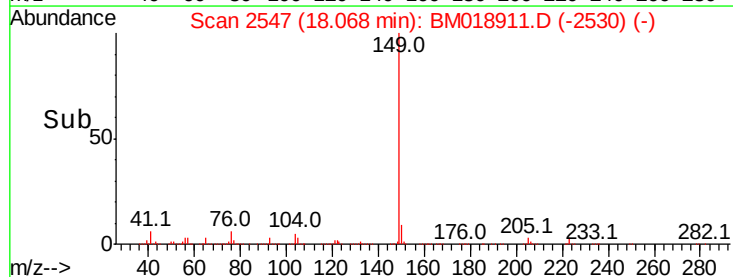
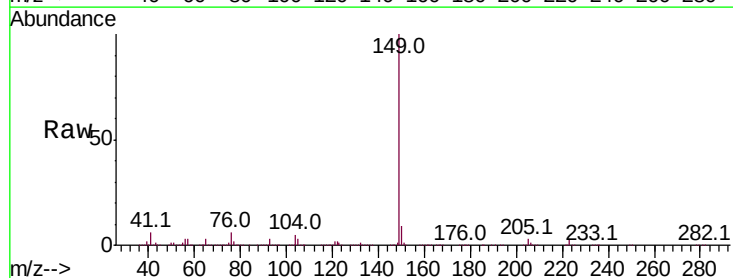
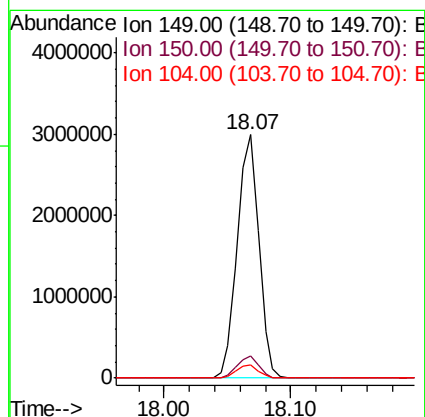
Manual Integrations
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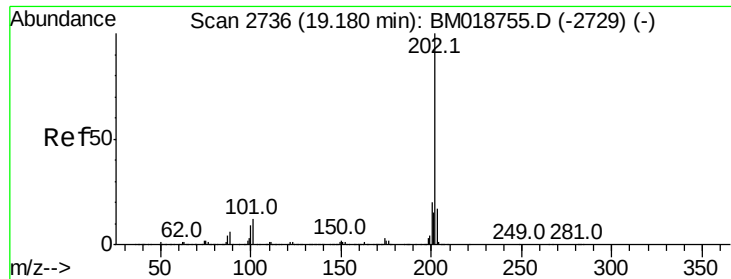
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#74
 Di-n-butylphthalate
 Concen: 42.237 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	5.3	4.3	6.5





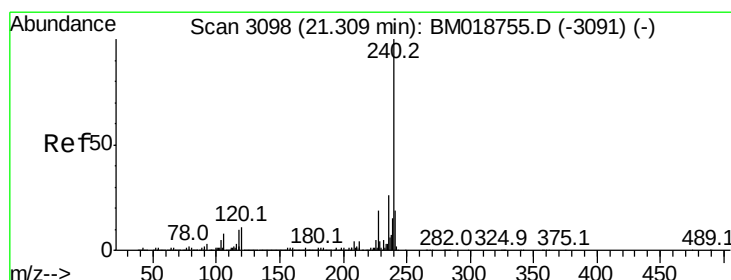
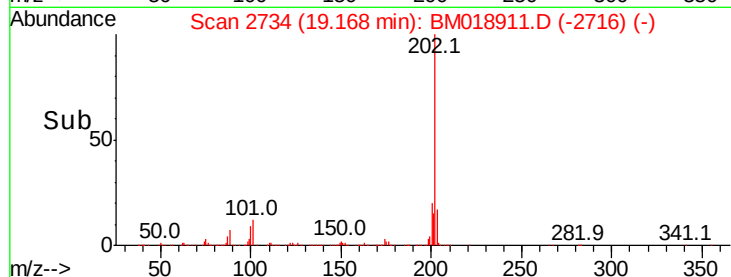
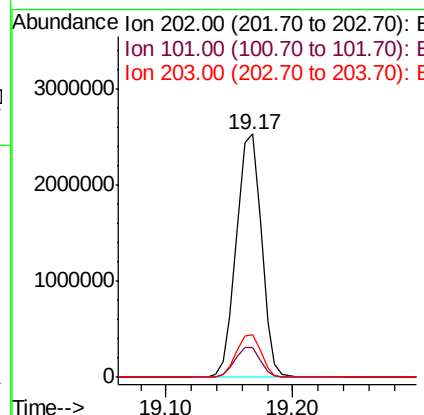
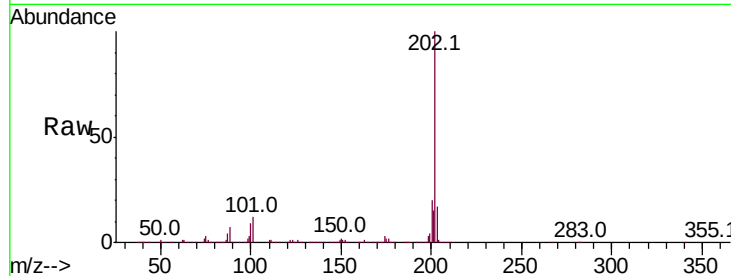
#75
 Fluoranthene
 Concen: 41.996 ng
 RT: 19.17 min Scan# 2734
 Delta R.T. 0.01 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.5
203	17.4	0.0	37.3

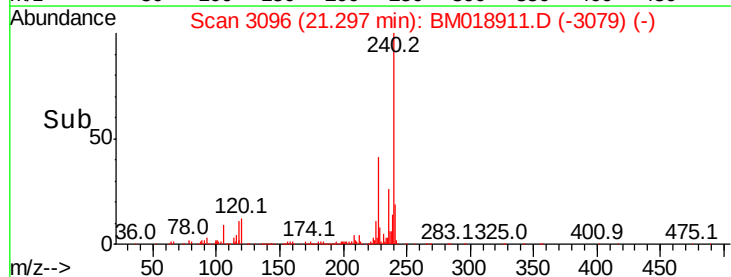
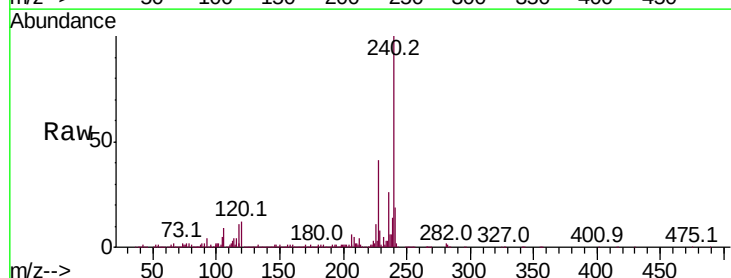
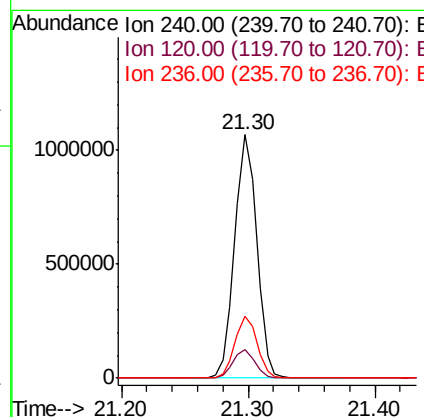
Manual Integrations
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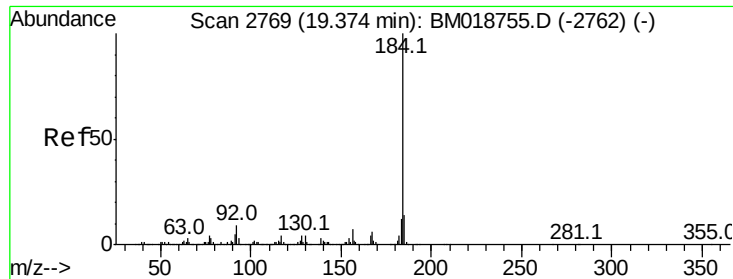
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.6	20.9	31.3





#77

Benzidine

Concen: 35.425 ng

RT: 19.36 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

Tot Ion:184 Resp: 1025581

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

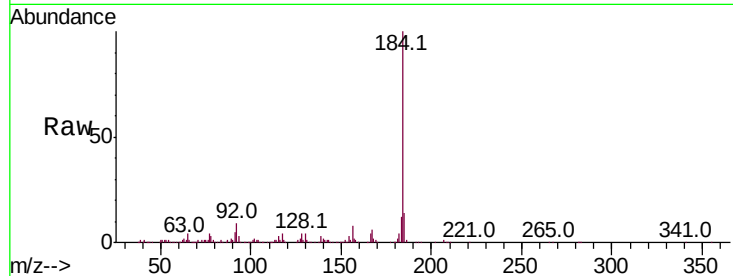
183 12.3 9.7 14.5

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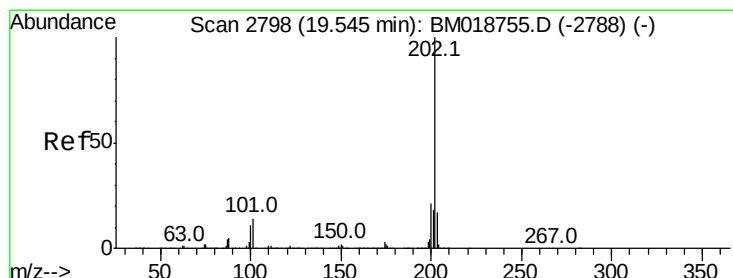
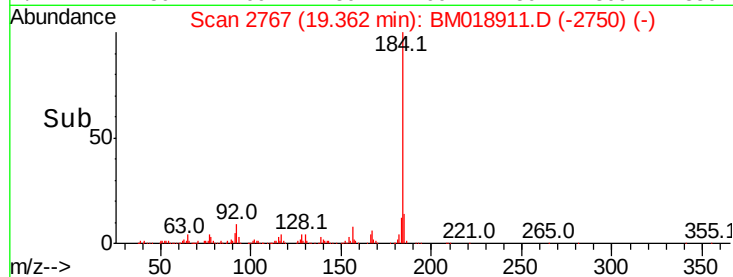
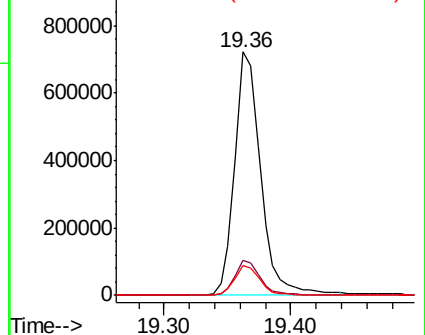


Abundance

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: 47.272 ng

RT: 19.53 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

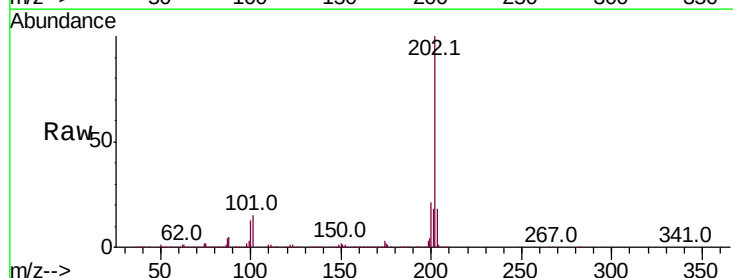
Tgt Ion:202 Resp: 3529348

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 17.7 13.8 20.8

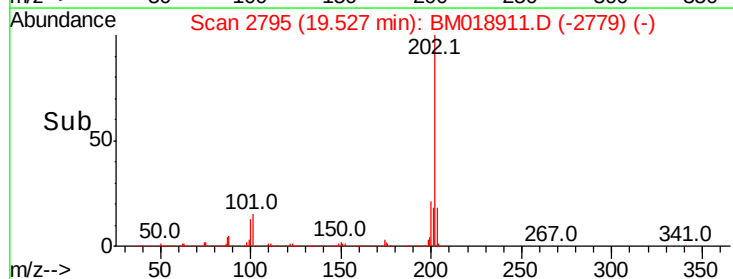
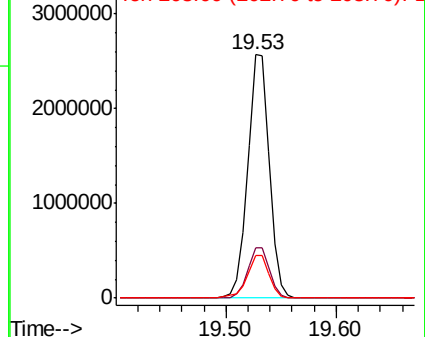


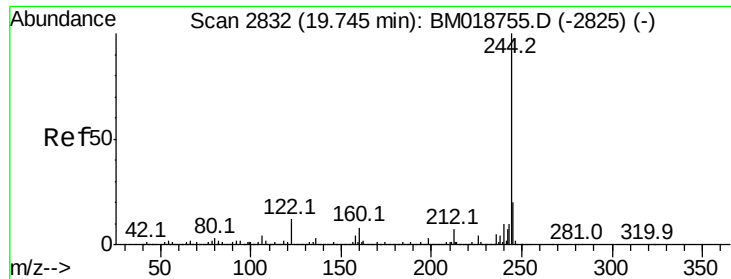
Abundance

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





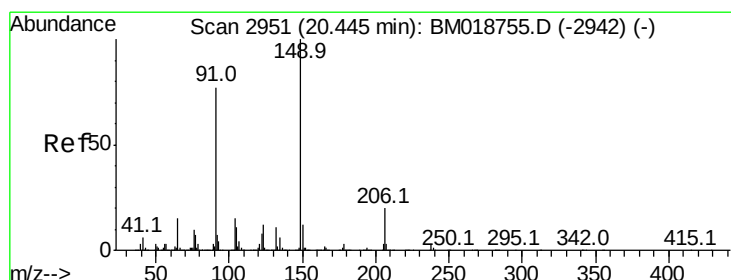
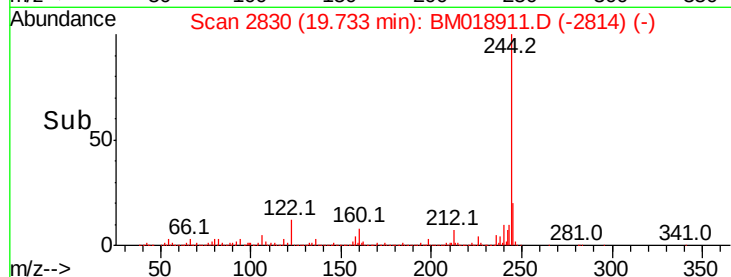
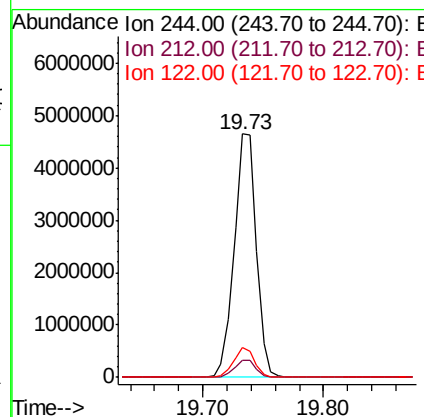
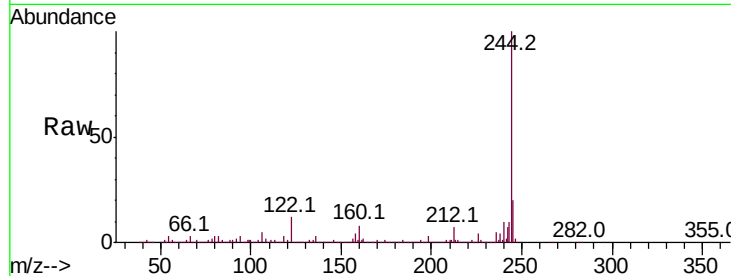
#79
 Terphenyl-d14
 Concen: 94.837 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

Tot Ion:244 Resp: 5909731
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.1 9.3 13.9

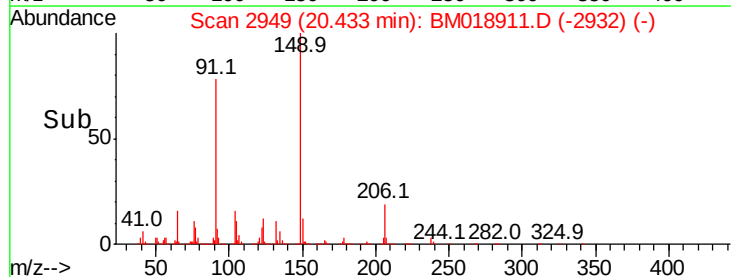
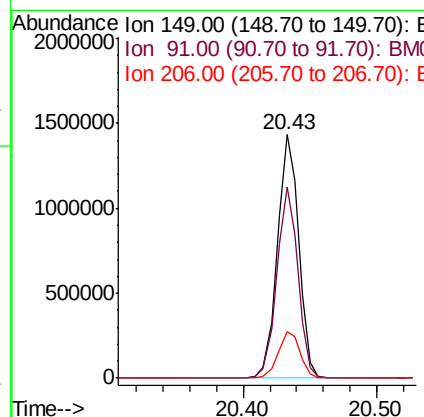
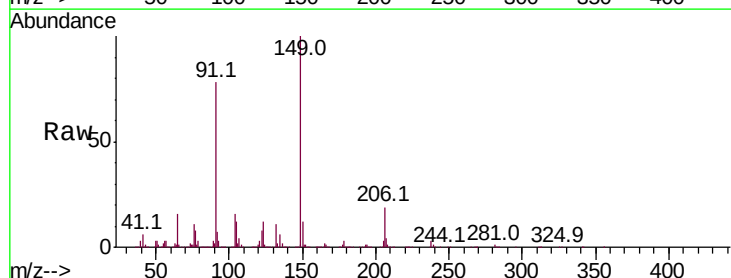
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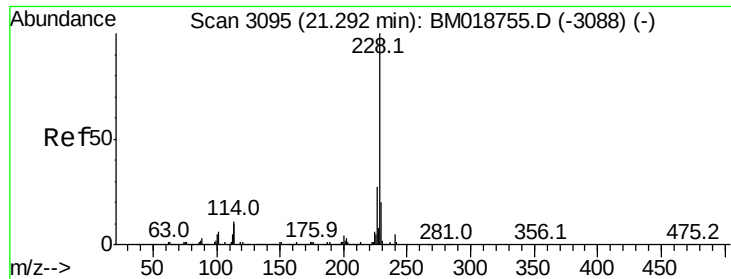
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#80
 Butylbenzylphthalate
 Concen: 47.151 ng
 RT: 20.43 min Scan# 2949
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion:149 Resp: 1604326
 Ion Ratio Lower Upper
 149 100
 91 78.3 61.4 92.0
 206 19.3 15.8 23.8





#81

Benzo(a)anthracene

Concen: 43.920 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

Tot Ion:228 Resp: 3291096

Ion Ratio Lower Upper

228 100

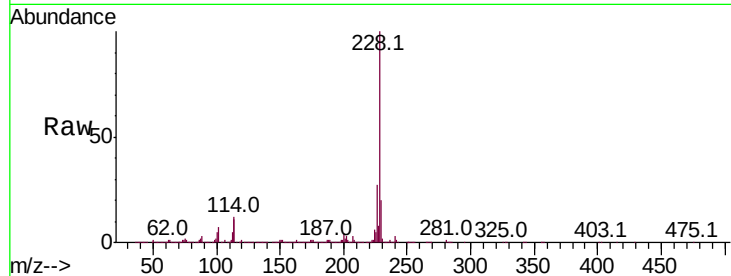
226 27.3 21.9 32.9

229 19.7 15.9 23.9

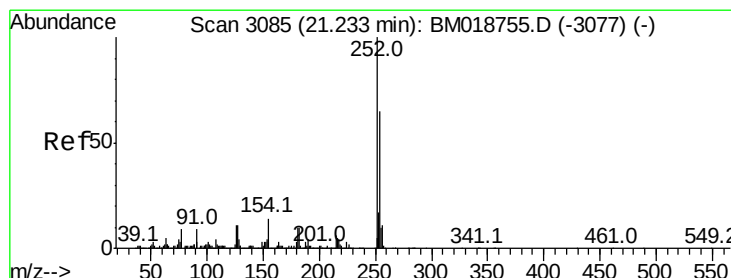
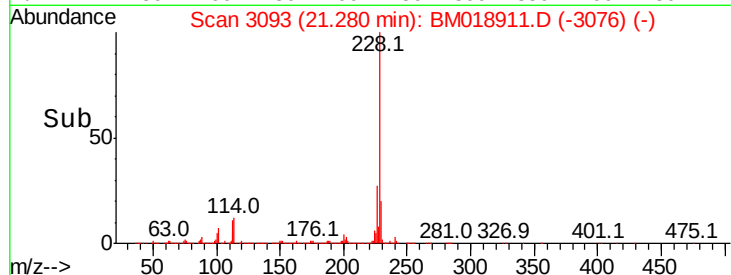
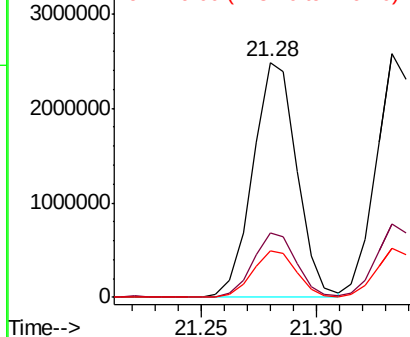
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.534 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

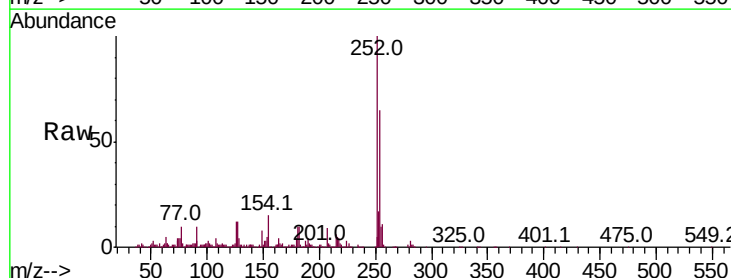
Tgt Ion:252 Resp: 904255

Ion Ratio Lower Upper

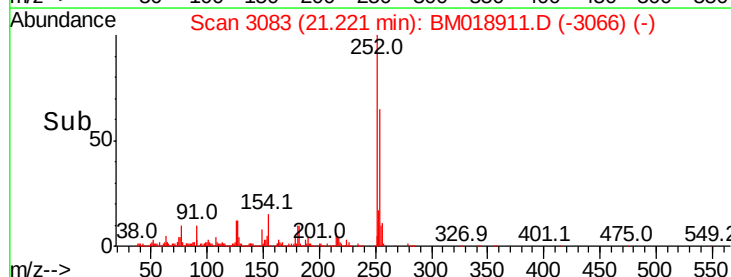
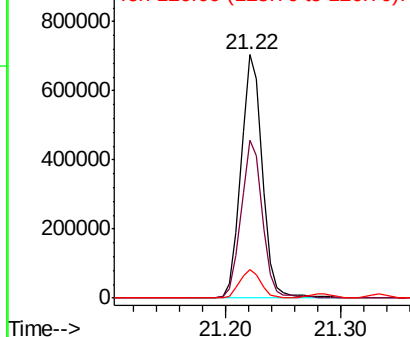
252 100

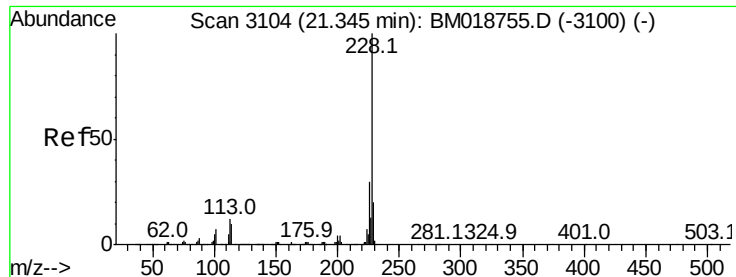
254 64.8 51.8 77.8

126 12.0 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.891 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

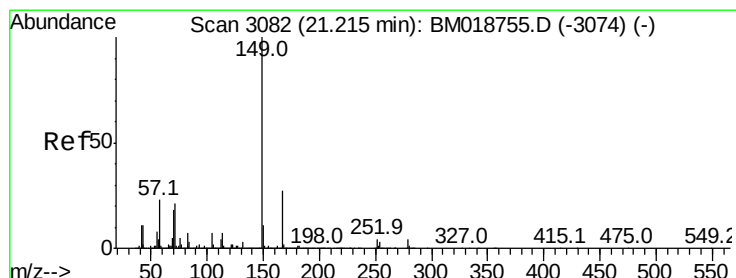
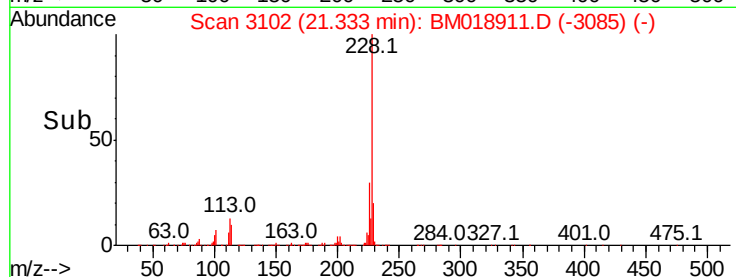
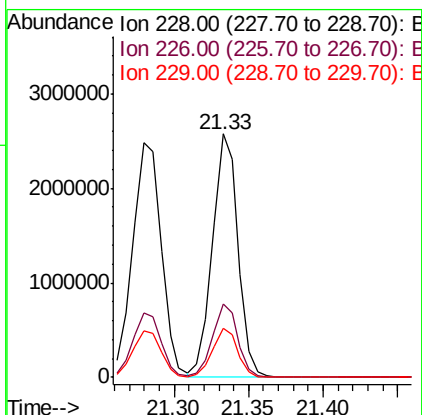
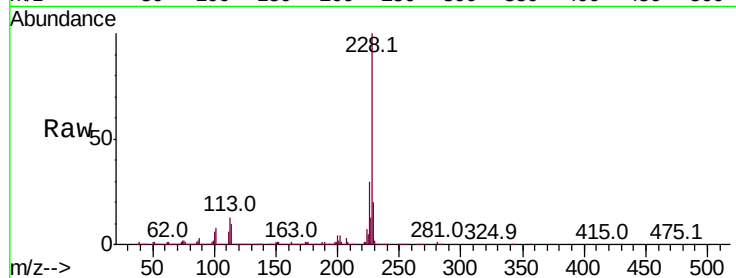
ClientSampleId :

PB117339BS

Tot Ion:	228	Resp:	3080557
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.4	16.0	24.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 46.788 ng

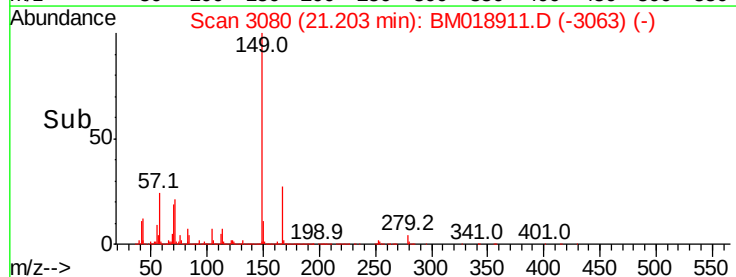
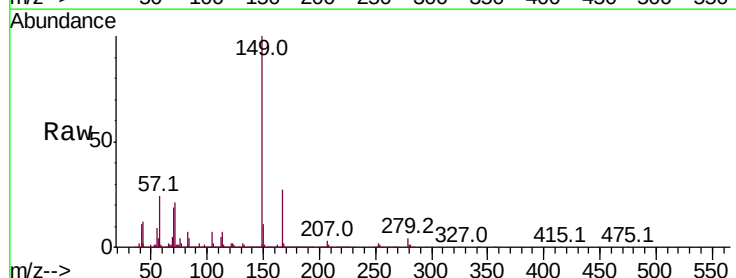
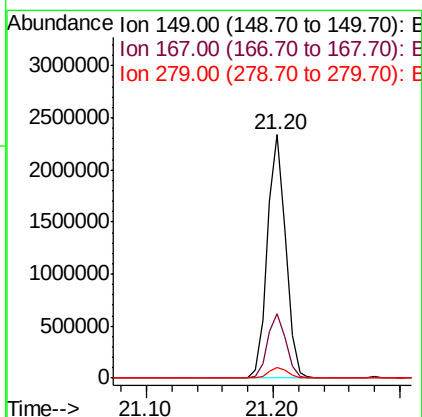
RT: 21.20 min Scan# 3080

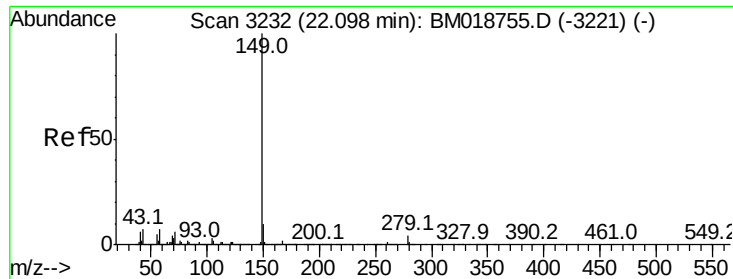
Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion:	149	Resp:	2330050
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.8	32.6
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 46.847 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

Tot Ion:149 Resp: 3921058

Ion Ratio Lower Upper

149 100

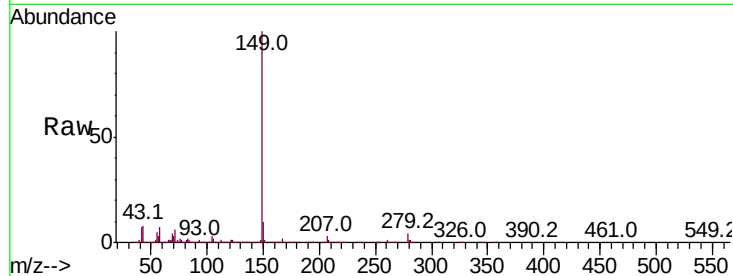
167 1.6 1.3 1.9

43 7.7 6.0 9.0

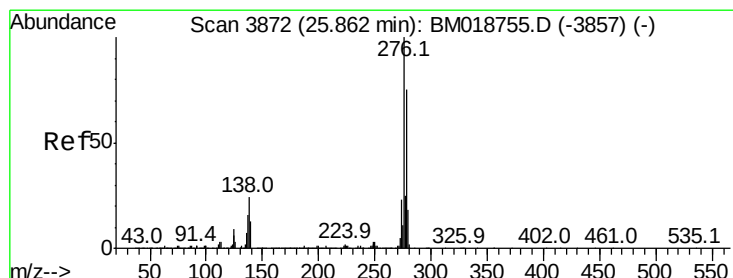
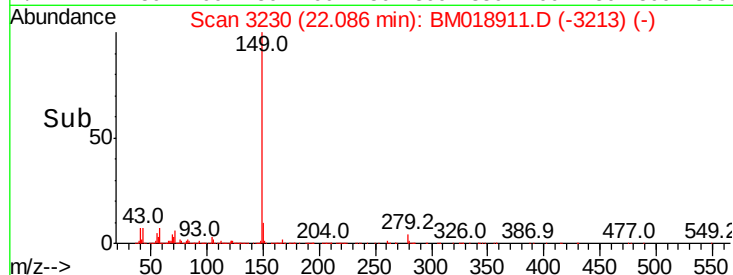
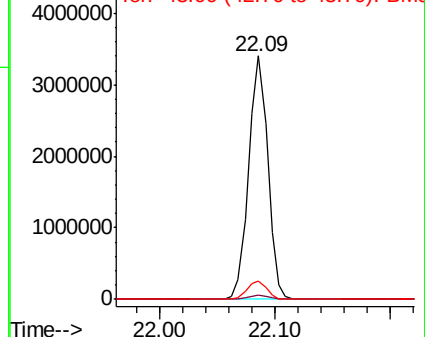
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.012 ng

RT: 25.83 min Scan# 3867

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

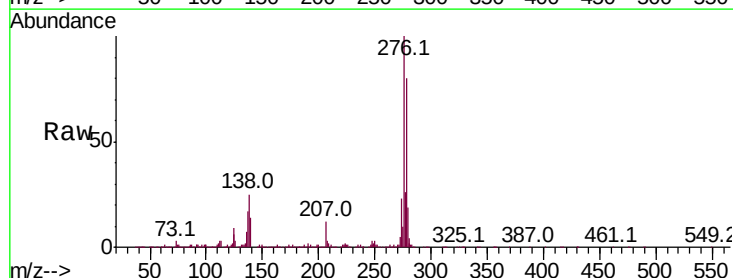
Tgt Ion:276 Resp: 3235003

Ion Ratio Lower Upper

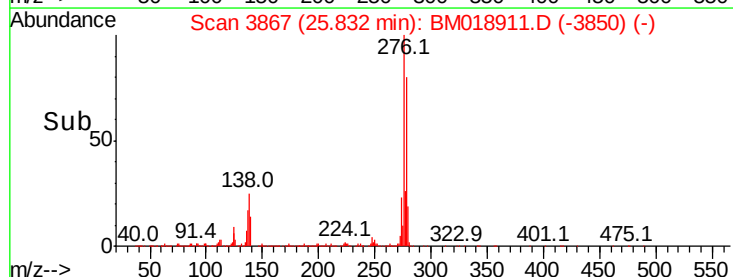
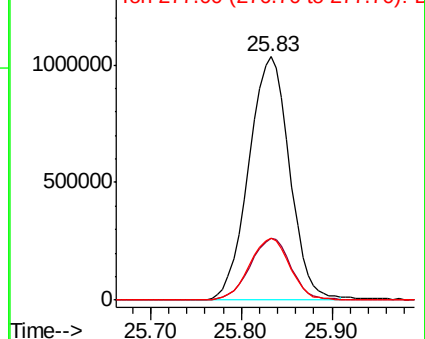
276 100

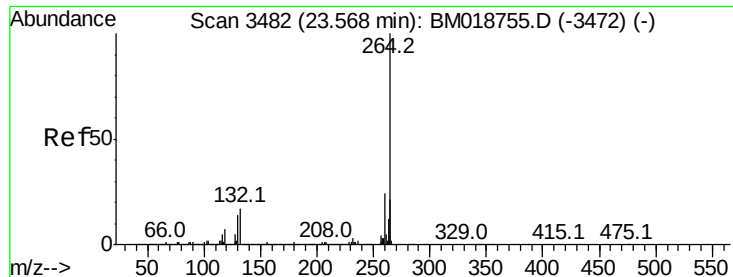
138 25.5 20.2 30.4

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. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

Tot Ion:264 Resp: 1109031

Ion Ratio Lower Upper

264 100

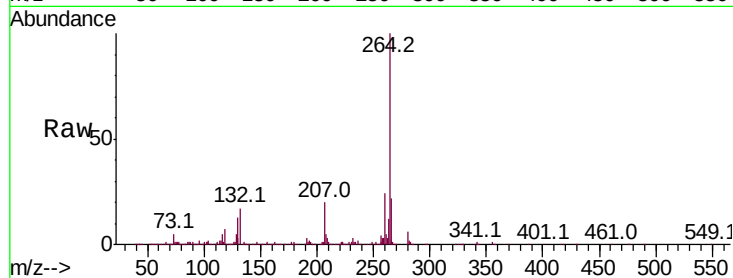
260 23.9 18.9 28.3

265 21.7 17.3 25.9

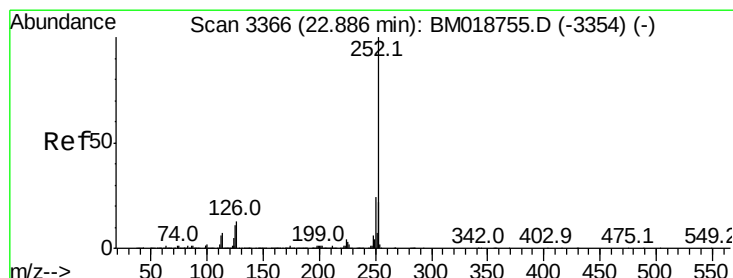
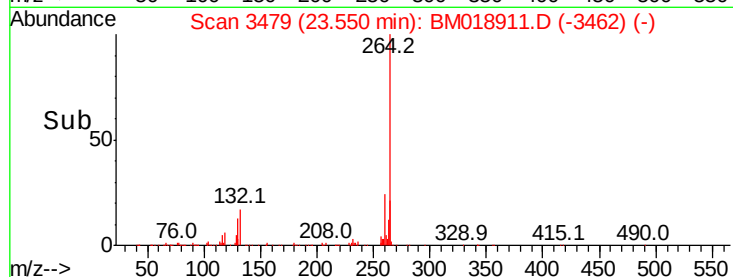
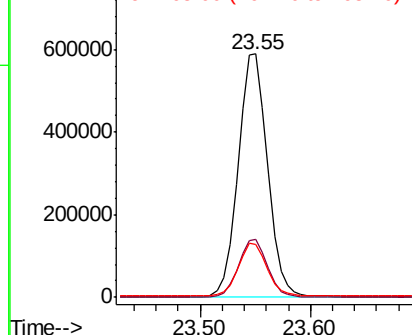
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Abundance Ion 264.00 (263.70 to 264.70): E
800000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.525 ng

RT: 22.87 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

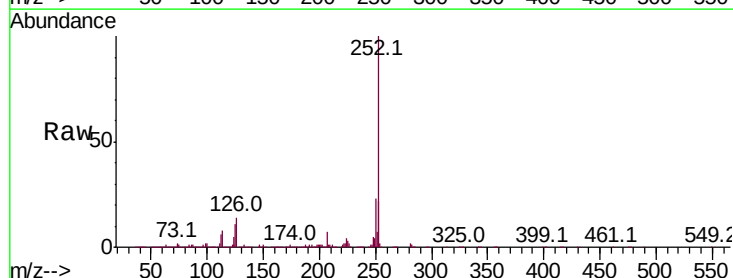
Tgt Ion:252 Resp: 3079032

Ion Ratio Lower Upper

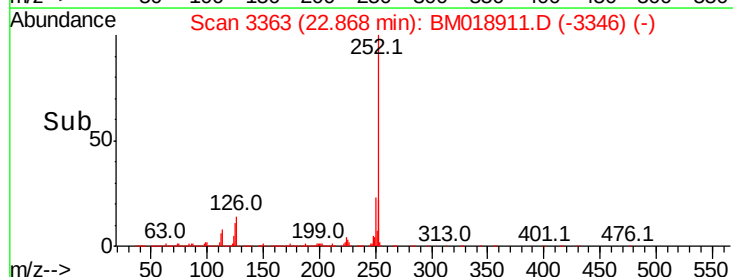
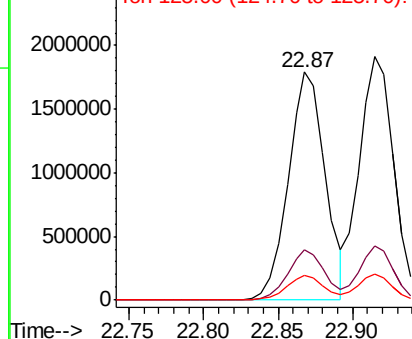
252 100

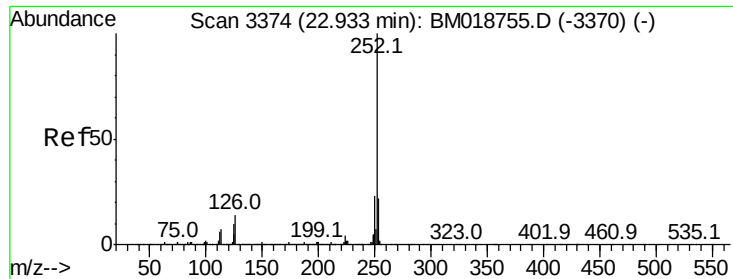
253 22.0 17.8 26.6

125 10.9 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
2500000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





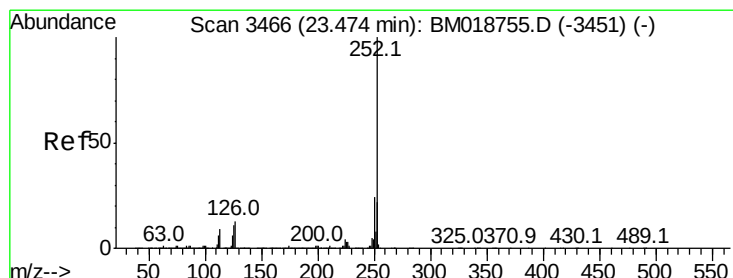
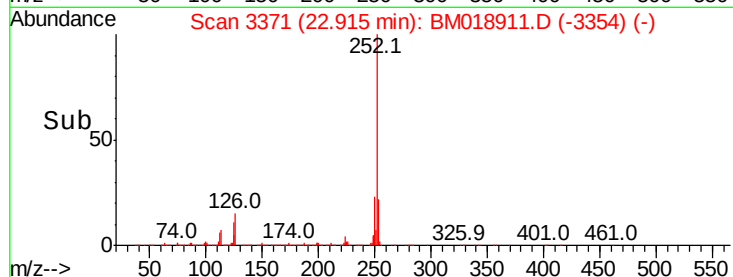
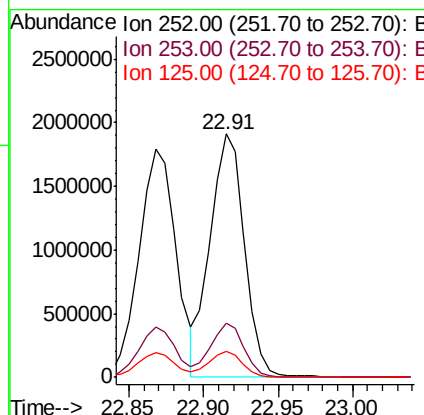
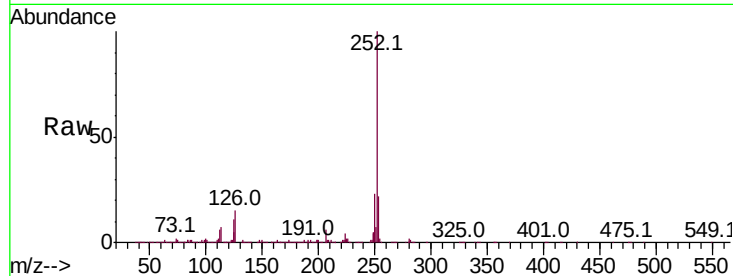
#89
Benzo(k)fluoranthene
Concen: 48.333 ng
RT: 22.91 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampled :
PB117339BS

Tot Ion:252 Resp: 3053202
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.7 8.2 12.4

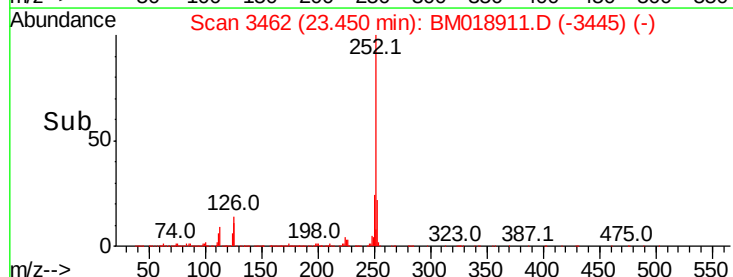
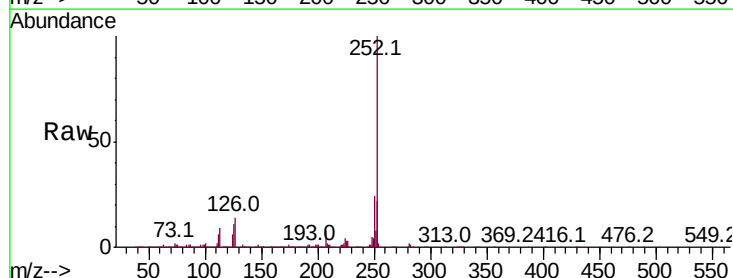
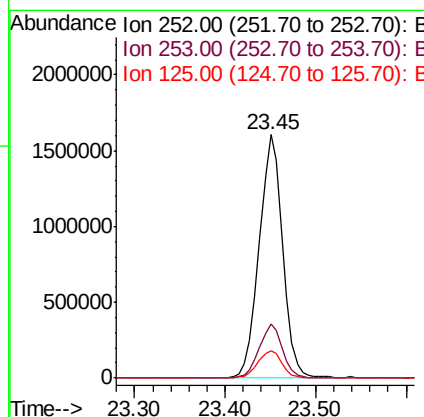
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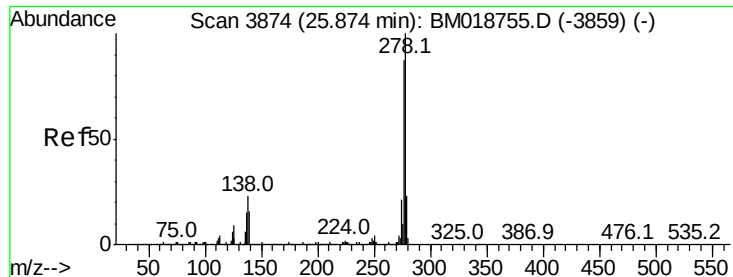
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#90
Benzo(a)pyrene
Concen: 47.899 ng
RT: 23.45 min Scan# 3462
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:252 Resp: 2879151
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.2 8.6 13.0





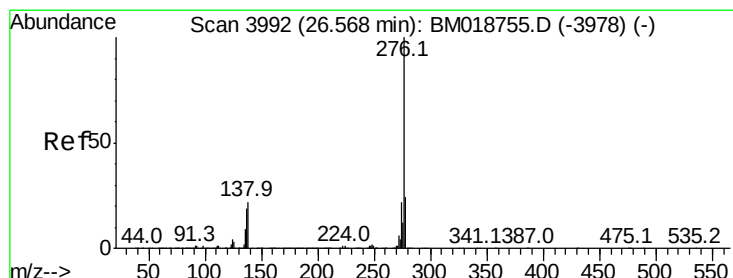
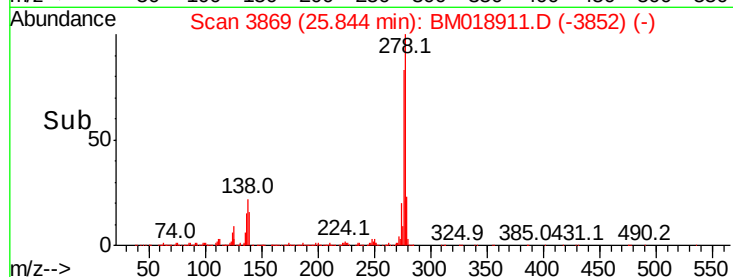
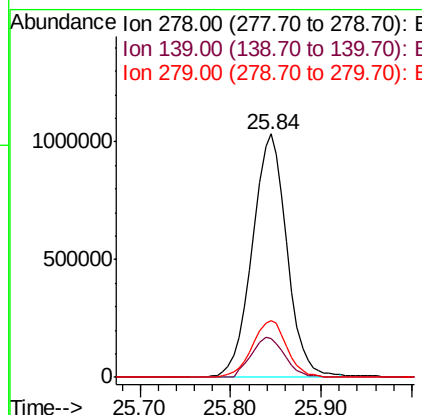
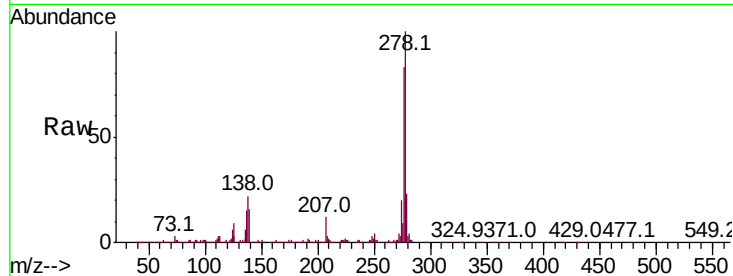
#91
Dibenzo(a,h)anthracene
Concen: 46.209 ng
RT: 25.84 min Scan# 3869
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampled :
PB117339BS

Tot Ion:278 Resp: 2751903
Ion Ratio Lower Upper
278 100
139 15.7 12.6 18.8
279 23.1 18.6 28.0

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#92
Benzo(g,h,i)perylene
Concen: 47.406 ng
RT: 26.53 min Scan# 3986
Delta R.T. -0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:276 Resp: 2628278
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 22.5 17.3 25.9

