

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017236.D
 Acq On : 19 Oct 2018 18:52
 Operator : MJ/SJ
 Sample : PB113945BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113945BS

Manual Integrations
 APPROVED

Sohil
 10/22/2018 1:09:22 PM

Quant Time: Oct 20 04:24:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	318649	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1374536	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	780193	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1578046	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1257354	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1026342	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2686292	142.58	ng	0.00
7) Phenol-d6	6.86	99	3501078	136.45	ng	0.00
23) Nitrobenzene-d5	8.82	82	1931824	82.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1333892	126.42	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4793188	81.74	ng	0.00
79) Terphenyl-d14	19.70	244	4213922	75.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	284416	29.564	ng	# 85
3) Pyridine	3.65	79	812377	36.699	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	390809	43.979	ng	# 68
6) Aniline	7.01	93	1225057	38.170	ng	97
8) 2-Chlorophenol	7.24	128	980861	45.002	ng	97
9) Benzaldehyde	6.82	77	418972	25.609	ng	96
10) Phenol	6.88	94	1188771	43.047	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	858475	38.997	ng	98
12) 1,3-Dichlorobenzene	7.56	146	1015211	39.957	ng	97
13) 1,4-Dichlorobenzene	7.70	146	1033618	39.818	ng	96
14) 1,2-Dichlorobenzene	8.02	146	981194	39.231	ng	97
15) Benzyl Alcohol	7.92	79	845199	45.064	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1174856	38.200	ng	99
17) 2-Methylphenol	8.11	107	802103	45.252	ng	96
18) Hexachloroethane	8.73	117	370962	41.758	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	702925	41.604	ng	99
20) 3+4-Methylphenols	8.44	107	1088033	44.880	ng	97
22) Acetophenone	8.49	105	1411248	40.503	ng	99
24) Nitrobenzene	8.86	77	1046877	42.111	ng	95
25) Isophorone	9.39	82	1828382	47.113	ng	98
26) 2-Nitrophenol	9.57	139	498214	43.437	ng	95
27) 2,4-Dimethylphenol	9.63	122	899817	52.435	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1185578	43.403	ng	98
29) 2,4-Dichlorophenol	10.09	162	937620	47.059	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	968539	40.522	ng	99
31) Naphthalene	10.49	128	2898569	43.031	ng	99
32) Benzoic acid	9.79	122	551458	43.069	ng	89
33) 4-Chloroaniline	10.61	127	589957	20.279	ng	98
34) Hexachlorobutadiene	10.77	225	594922	39.283	ng	98
35) Caprolactam	11.41	113	249883m	34.413	ng	
36) 4-Chloro-3-methylphenol	11.74	107	979182	43.599	ng	97
37) 2-Methylnaphthalene	12.11	142	2177487	47.239	ng	98
38) 1-Methylnaphthalene	12.33	142	2057028	45.851	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1143576	41.621	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1657505	124.787	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	743066	46.588	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	785236	45.911	ng	96
46) 1,1'-Biphenyl	13.14	154	2808427	40.001	ng	99
47) 2-Chloronaphthalene	13.17	162	2136450	41.363	ng	99
48) 2-Nitroaniline	13.39	65	594575	41.605	ng	96
49) Acenaphthylene	14.03	152	3392913	45.319	ng	99
50) Dimethylphthalate	13.77	163	2514021	41.766	ng	99
51) 2,6-Dinitrotoluene	13.90	165	548002	41.365	ng	98
52) Acenaphthene	14.37	154	1975420	42.023	ng	98
53) 3-Nitroaniline	14.23	138	359541	25.058	ng	96
54) 2,4-Dinitrophenol	14.43	184	589924	76.325	ng	97
55) Dibenzofuran	14.71	168	3148057	40.271	ng	98
56) 4-Nitrophenol	14.54	139	906367	69.941	ng	91
57) 2,4-Dinitrotoluene	14.69	165	745690	41.879	ng	# 97
58) Fluorene	15.36	166	2486107	42.967	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	702002	45.028	ng	97
60) Diethylphthalate	15.15	149	2455467	41.134	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1287404	39.028	ng	98
62) 4-Nitroaniline	15.40	138	529604	34.553	ng	95
63) Azobenzene	15.66	77	2404642	41.444	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	409696	41.534	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2167963	45.409	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	807203	46.586	ng	96
68) Hexachlorobenzene	16.36	284	858080	42.633	ng	99
69) Atrazine	16.54	200	747983	43.773	ng	97
70) Pentachlorophenol	16.71	266	978746	70.987	ng	99
71) Phenanthrene	17.10	178	3679346	43.215	ng	100
72) Anthracene	17.19	178	3753373	46.396	ng	99
73) Carbazole	17.47	167	3150701	38.126	ng	100
74) Di-n-butylphthalate	18.04	149	3683686	42.263	ng	99
75) Fluoranthene	19.12	202	3770787	39.359	ng	100
77) Benzidine	19.32	184	1683847	52.815	ng	98
78) Pyrene	19.49	202	3786425	53.881	ng	100
80) Butylbenzylphthalate	20.40	149	1328354	49.424	ng	94
81) Benzo(a)anthracene	21.23	228	3158954	44.645	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	713389	27.052	ng	99
83) Chrysene	21.29	228	2967199	42.368	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1815075	44.765	ng	100
85) Di-n-octyl phthalate	22.05	149	2758935	40.755	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	2695672	34.413	ng	98
88) Benzo(b)fluoranthene	22.80	252	2612703	46.561	ng	99
89) Benzo(k)fluoranthene	22.84	252	2685183	47.689	ng	99
90) Benzo(a)pyrene	23.37	252	2479916	46.546	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2279936	43.096	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2244156	42.800	ng	99

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

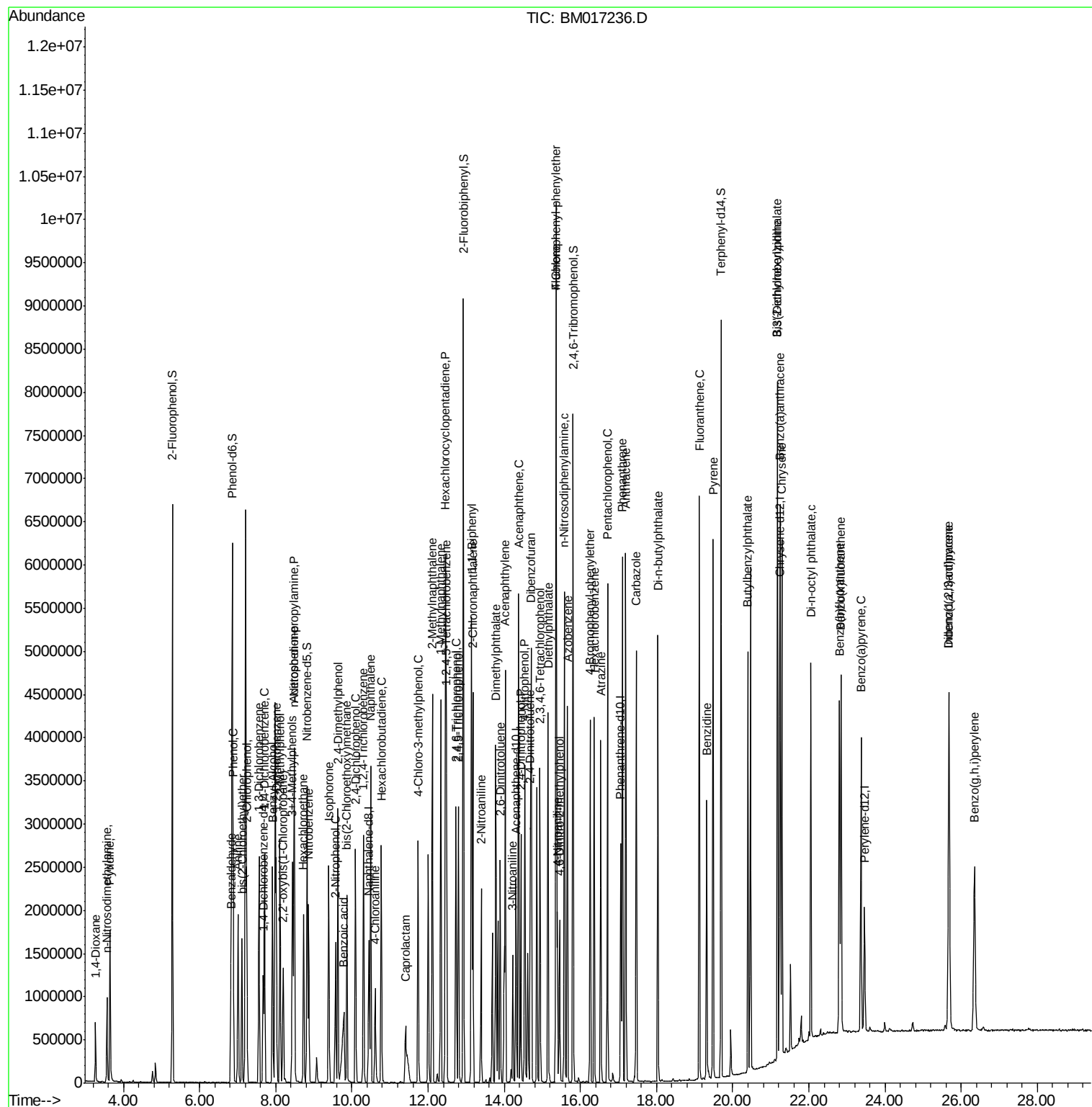
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
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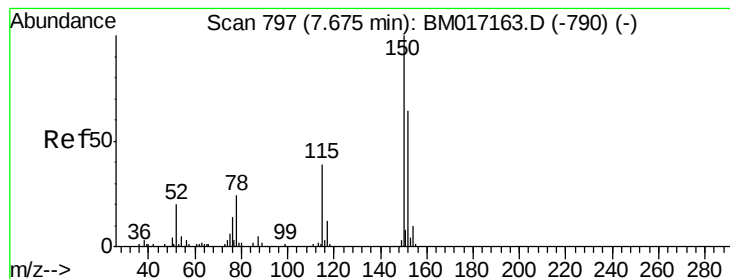
Instrument :
BNA_M
ClientSampleId :
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#1

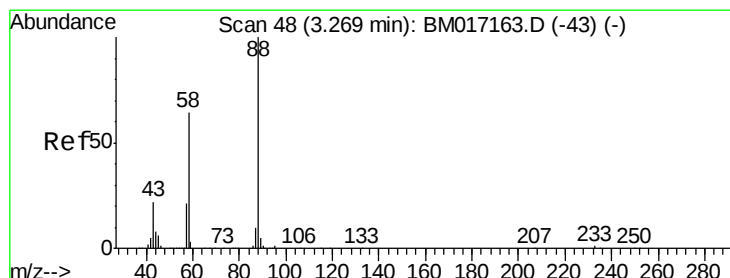
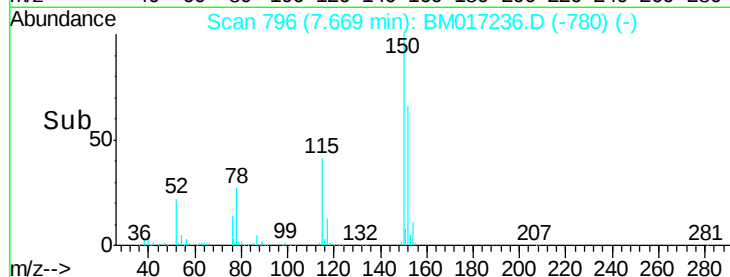
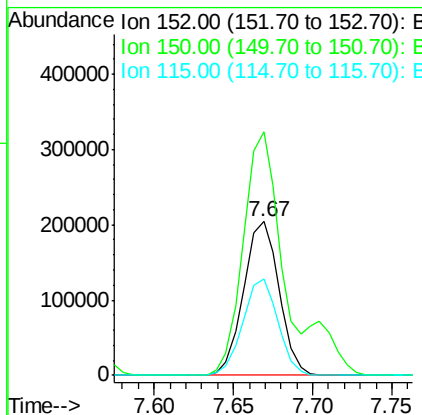
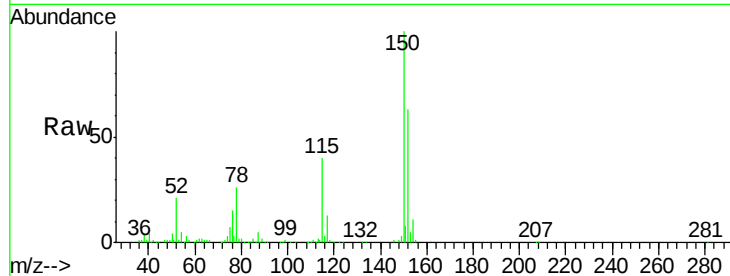
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.3	186.5
115	62.7	48.1	72.1

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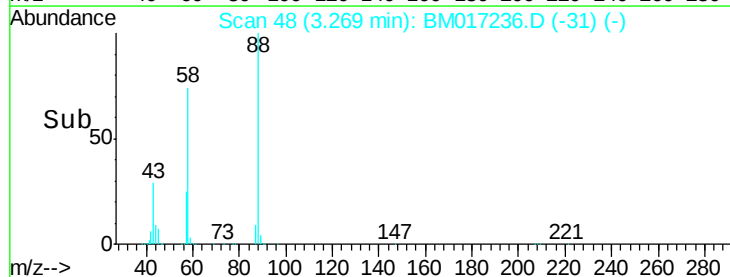
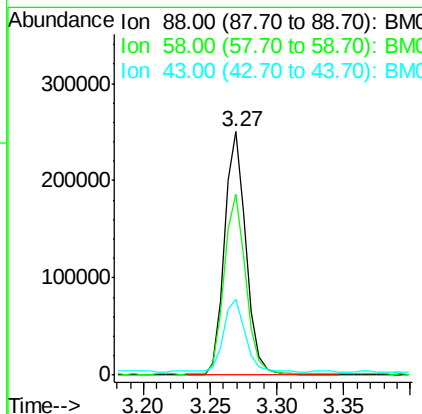
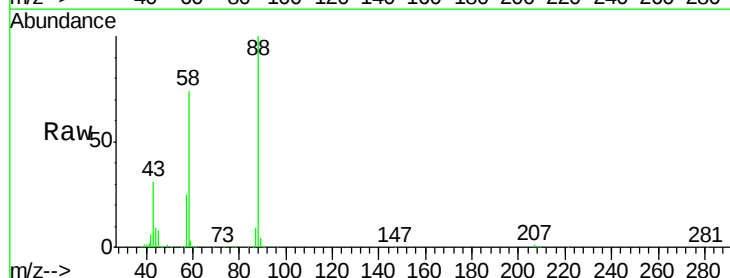
Sohil
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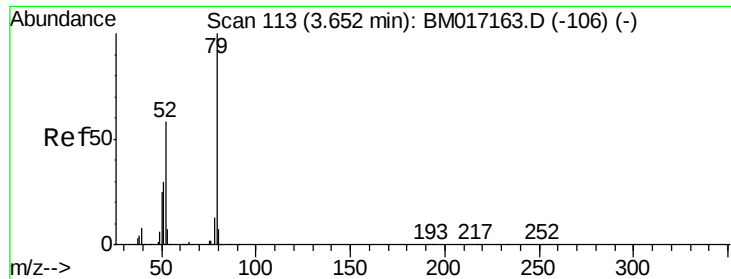


#2

1,4-Dioxane
Concen: 29.564 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	50.2	75.4
43	30.5	19.3	28.9





#3

Pyridine

Concen: 36.699 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB113945BS

Tgt Ion: 79 Resp: 812377

Ion Ratio Lower Upper

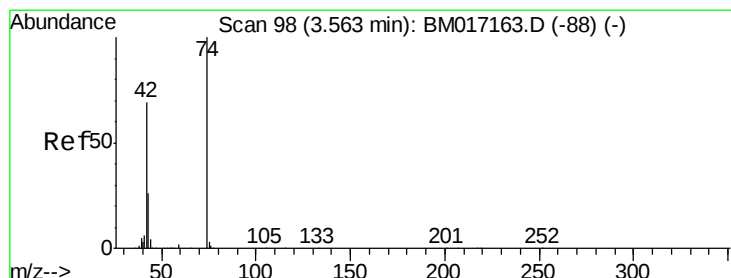
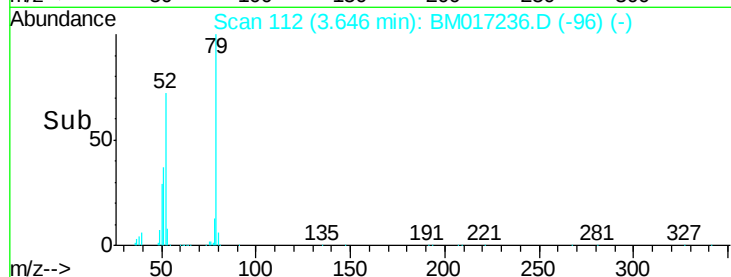
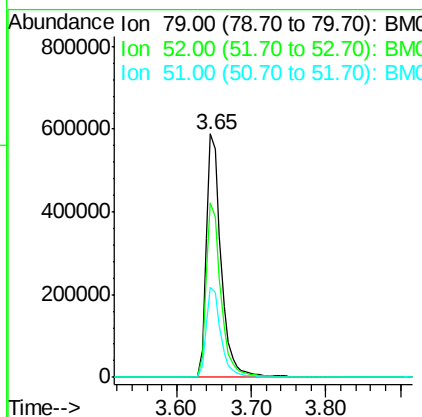
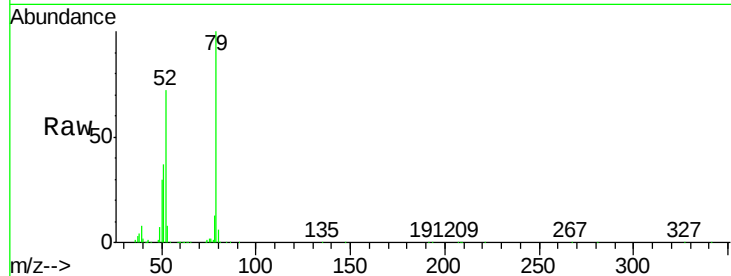
79 100

52 71.5 46.5 69.7#

51 37.0 24.6 37.0#

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#4

n-Nitrosodimethylamine

Concen: 43.979 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

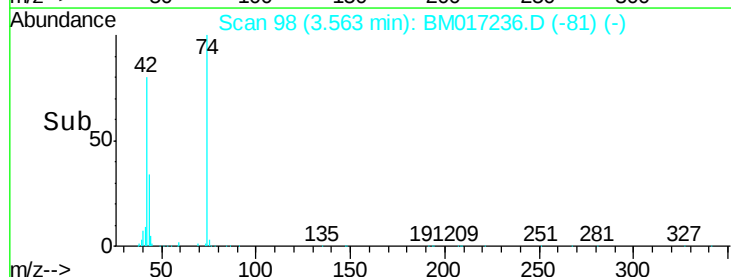
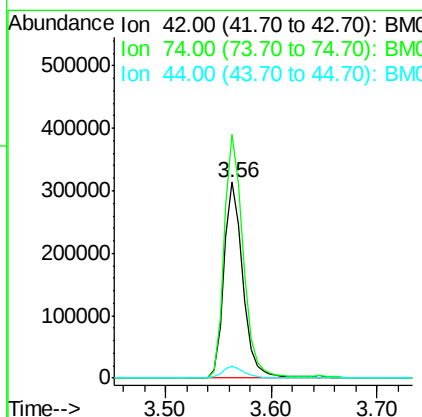
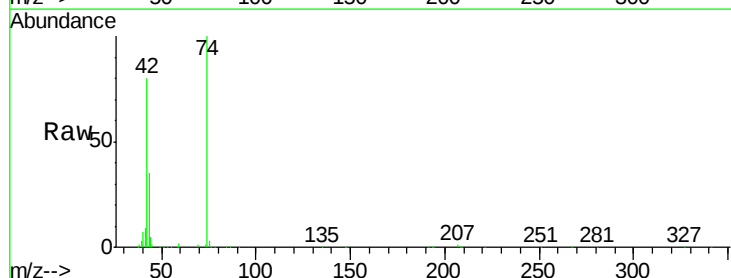
Tgt Ion: 42 Resp: 390809

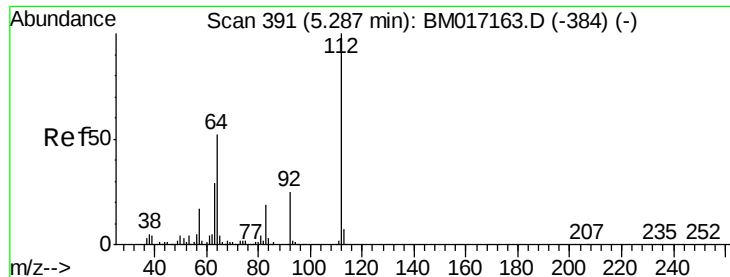
Ion Ratio Lower Upper

42 100

74 124.3 114.4 171.6

44 6.2 48.6 73.0#





#5

2-Fluorophenol

Concen: 142.584 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

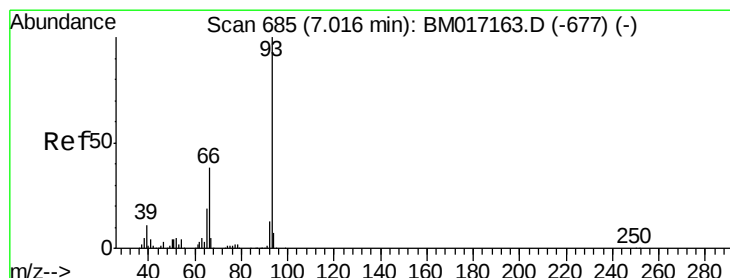
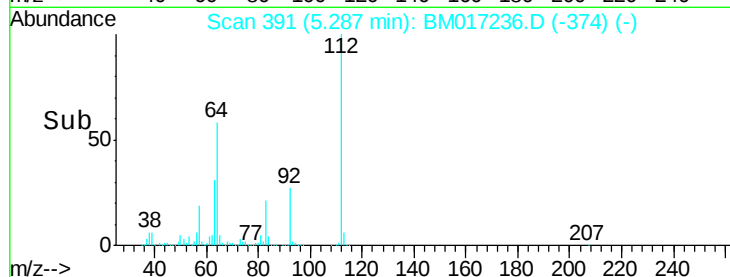
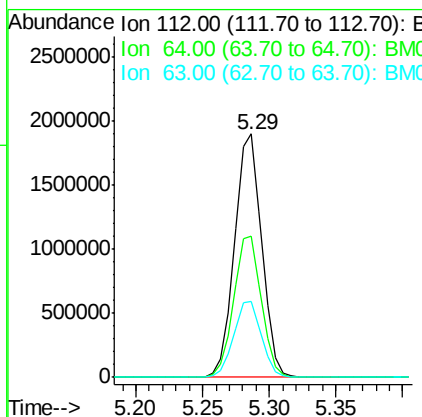
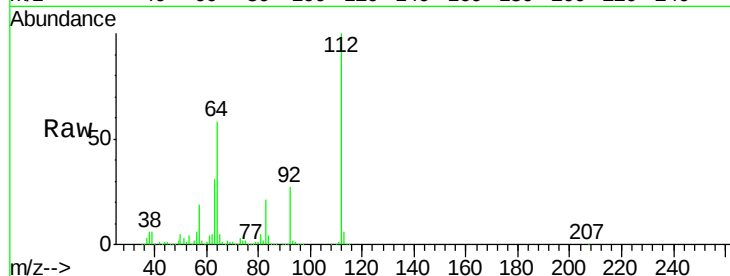
ClientSampleId :

PB113945BS

Tgt Ion:	112	Resp:	2686292
Ion	Ratio	Lower	Upper
112	100		
64	57.9	41.7	62.5
63	31.0	23.0	34.4

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#6

Aniline

Concen: 38.170 ng

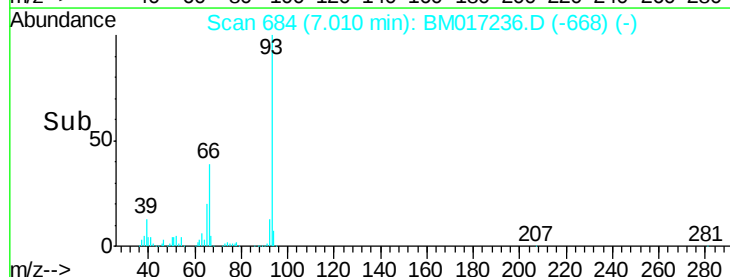
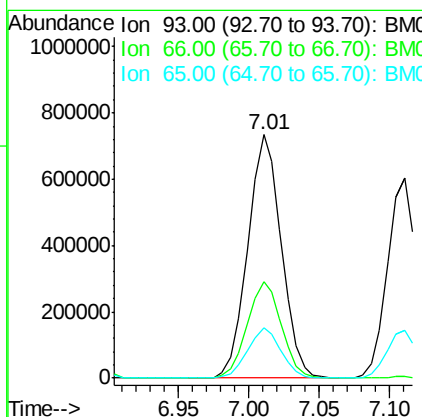
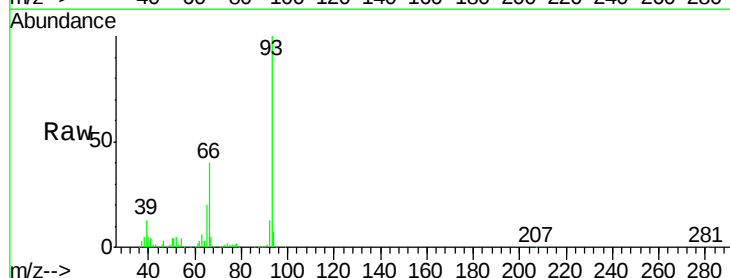
RT: 7.01 min Scan# 684

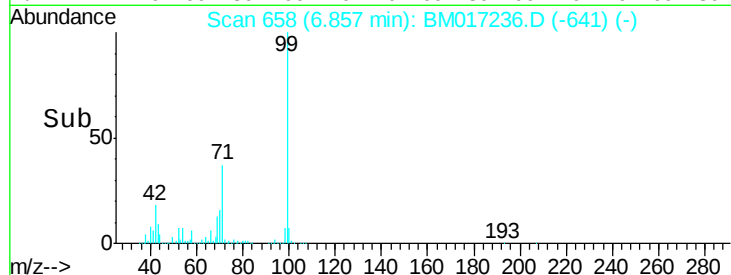
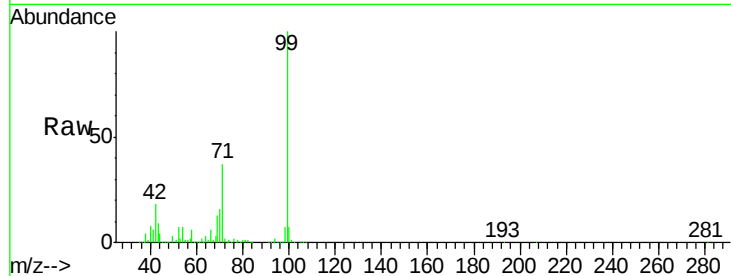
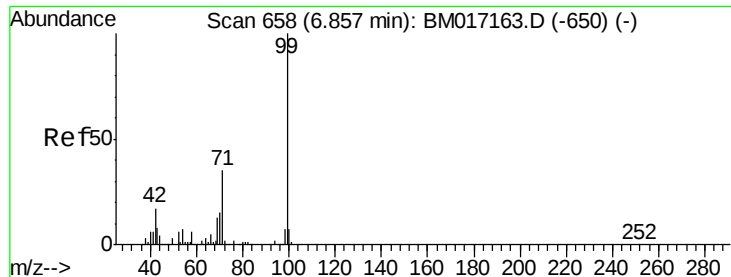
Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Tgt Ion:	93	Resp:	1225057
Ion	Ratio	Lower	Upper
93	100		
66	39.7	30.4	45.6
65	20.4	15.3	22.9





#7

Phenol-d6

Concen: 136.446 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Tgt Ion: 99 Resp: 3501078

Ion Ratio Lower Upper

99 100

42 18.4 13.3 19.9

71 37.4 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

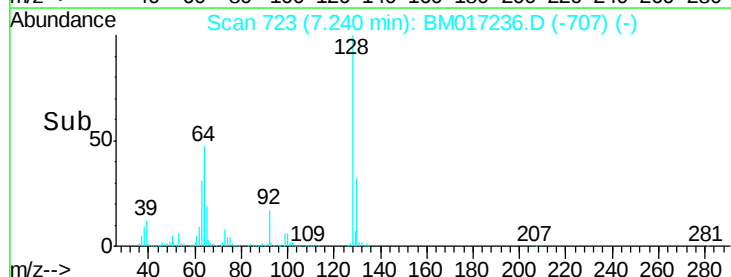
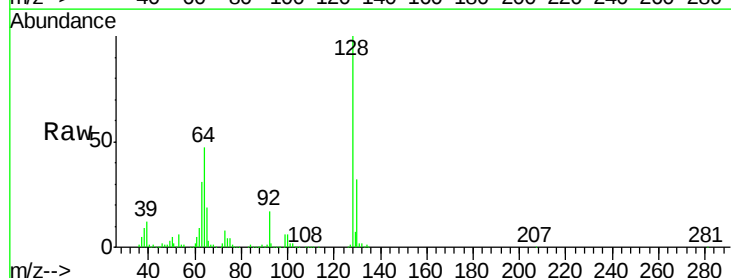
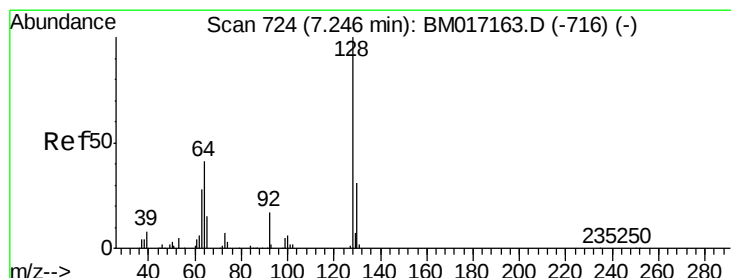
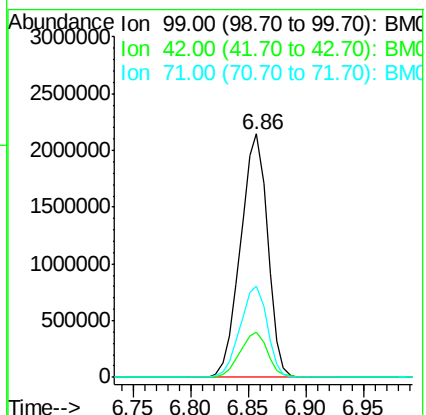
PB113945BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 45.002 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

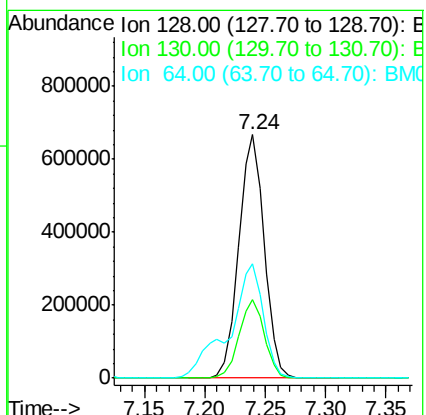
Tgt Ion: 128 Resp: 980861

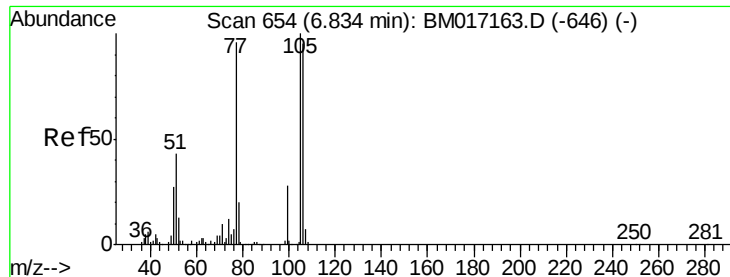
Ion Ratio Lower Upper

128 100

130 32.2 11.0 51.0

64 46.8 24.1 64.1





#9

Benzaldehyde

Concen: 25.609 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB113945BS

Tgt Ion: 77 Resp: 418972

Ion Ratio Lower Upper

77 100

105 100.4 83.9 123.9

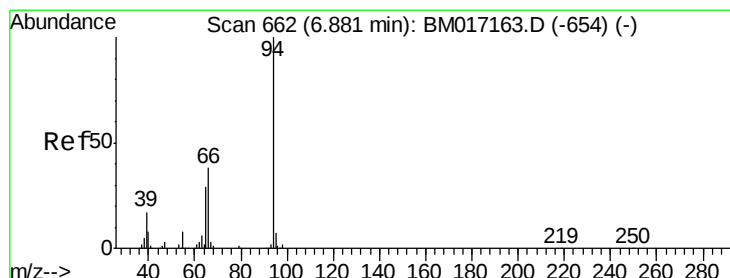
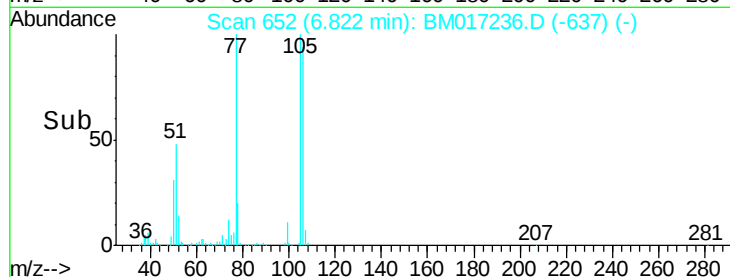
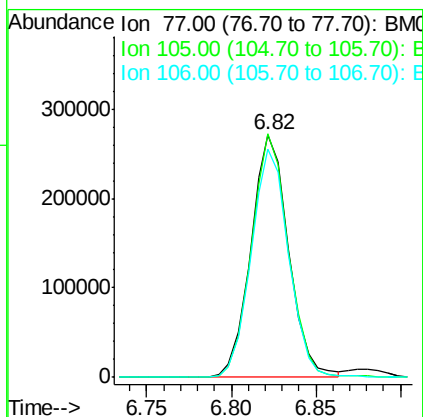
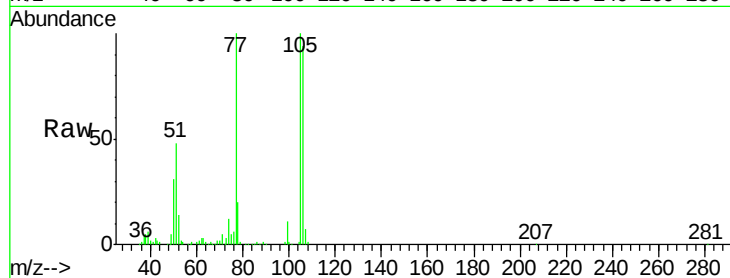
106 94.1 78.2 118.2

Manual Integrations

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#10

Phenol

Concen: 43.047 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

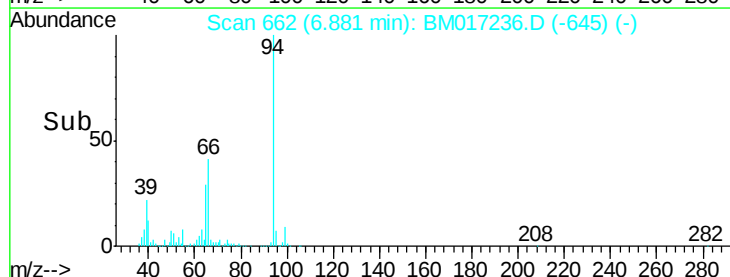
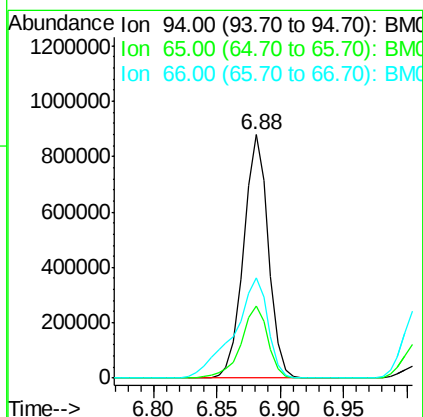
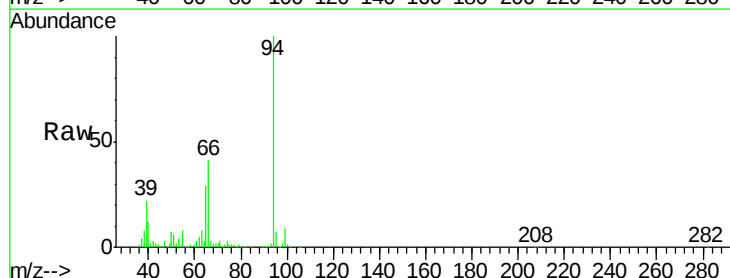
Tgt Ion: 94 Resp: 1188771

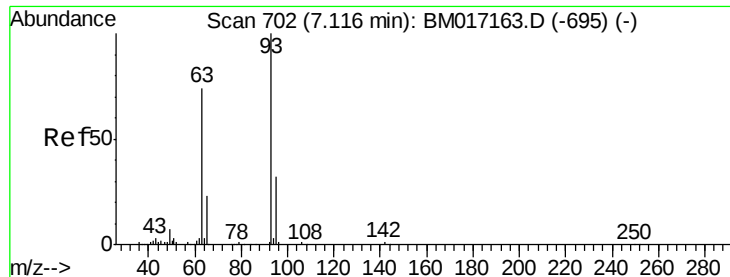
Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

66 41.1 19.0 59.0





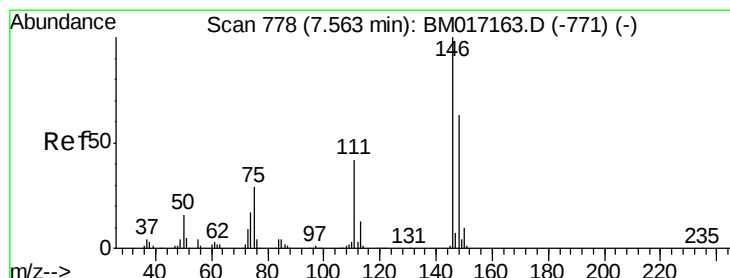
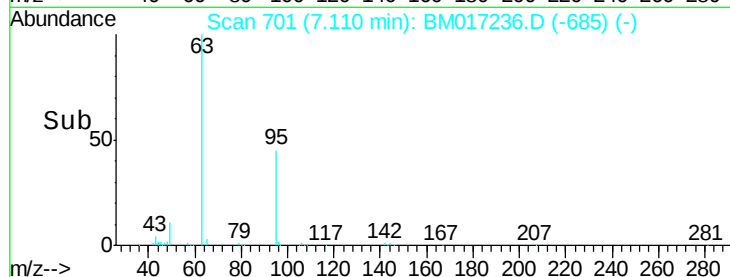
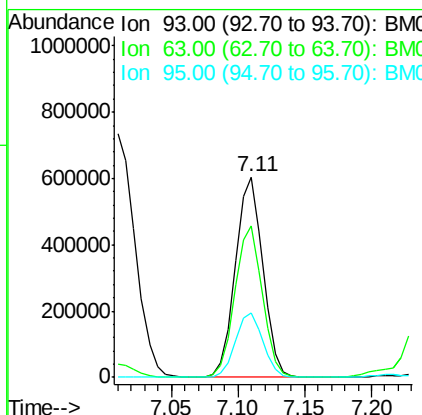
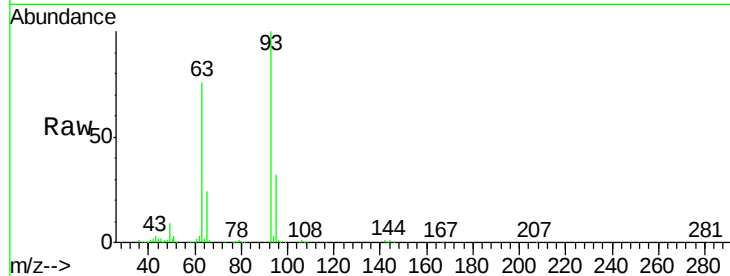
#11
bis(2-Chloroethyl)ether
Concen: 38.997 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.9	54.0	94.0
95	31.9	11.8	51.8

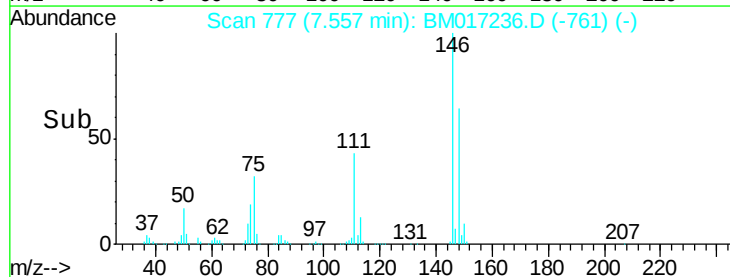
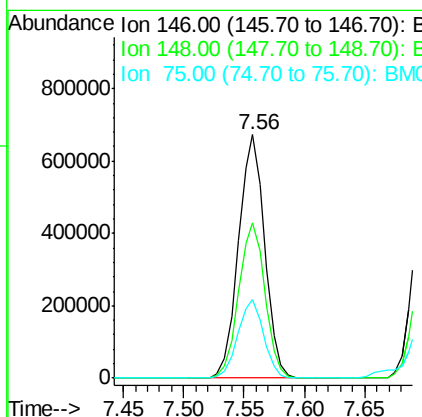
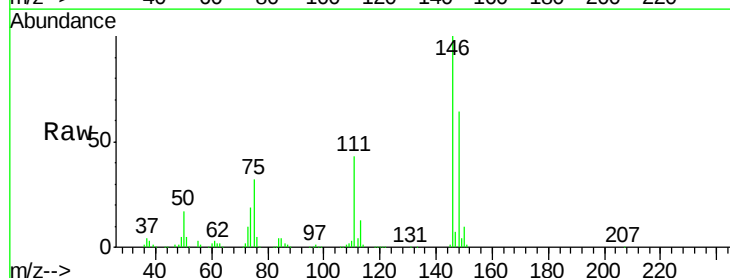
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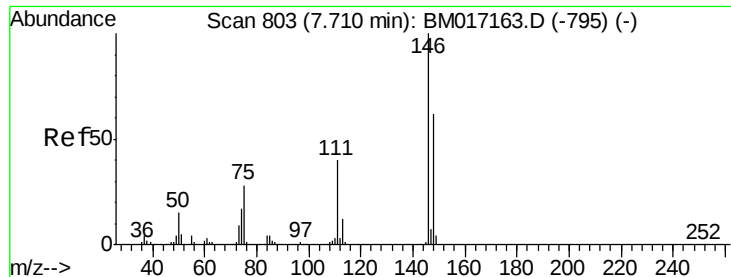
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.957 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.4
75	32.4	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 39.818 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB113945BS

Tgt Ion:146 Resp: 1033618

Ion Ratio Lower Upper

146 100

148 65.8 49.8 74.6

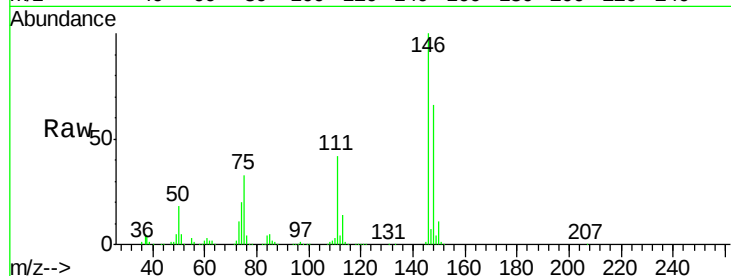
111 41.6 32.1 48.1

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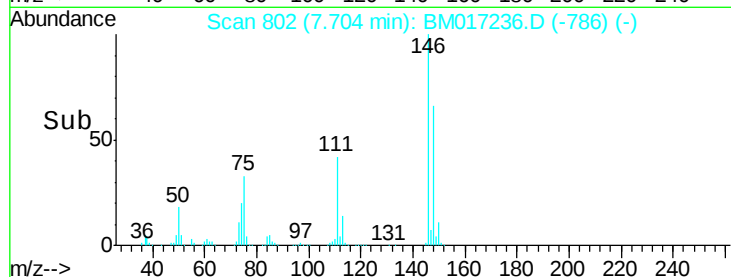


Abundance Ion 146.00 (145.70 to 146.70): E

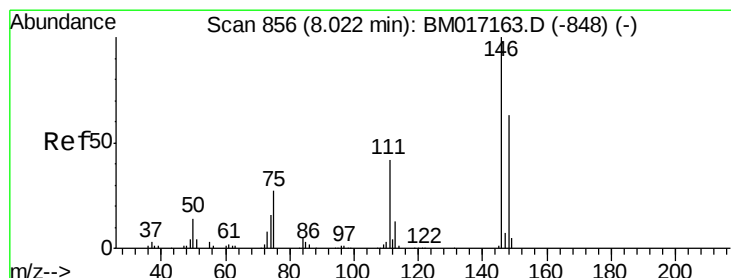
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

7.70



Time-->



#14

1,2-Dichlorobenzene

Concen: 39.231 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

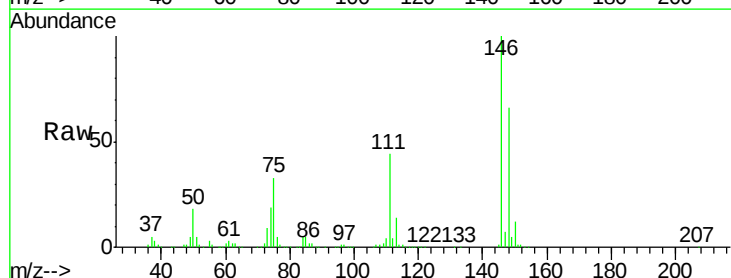
Tgt Ion:146 Resp: 981194

Ion Ratio Lower Upper

146 100

148 65.6 50.8 76.2

111 44.4 33.8 50.6

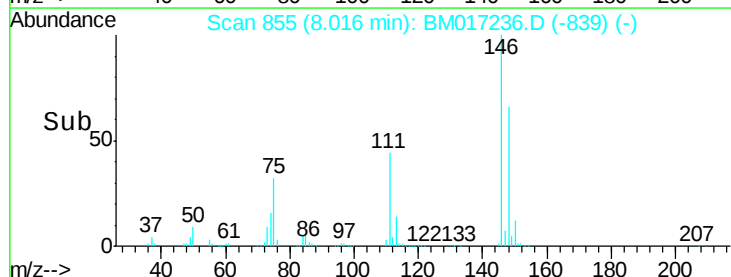


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

8.02



Time-->



#15

Benzyl Alcohol

Concen: 45.064 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

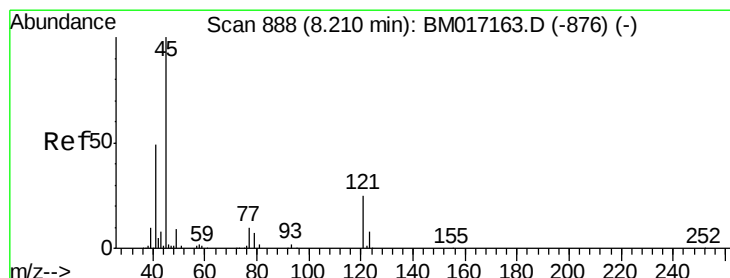
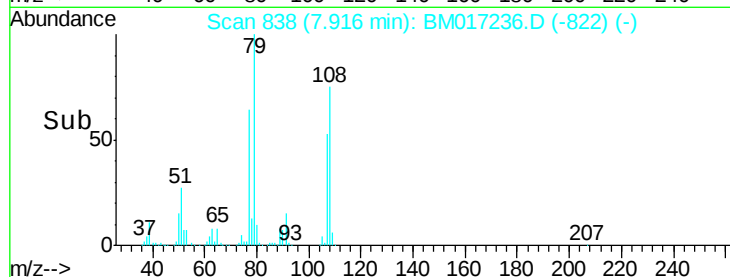
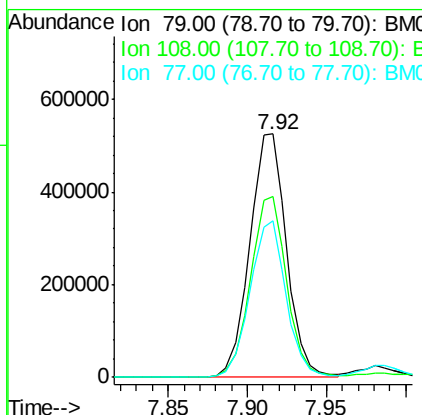
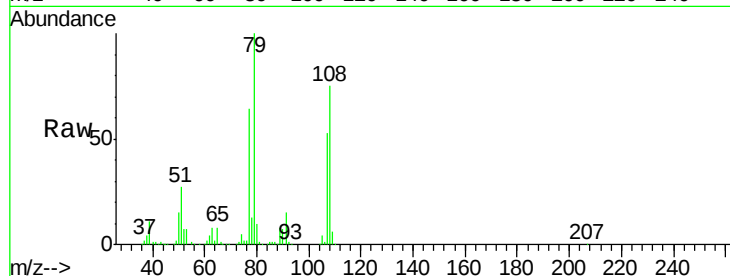
ClientSampleId :

PB113945BS

Tgt Ion:	79	Resp:	845199
Ion	Ratio	Lower	Upper
79	100		
108	74.5	60.3	90.5
77	64.3	54.8	82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.200 ng

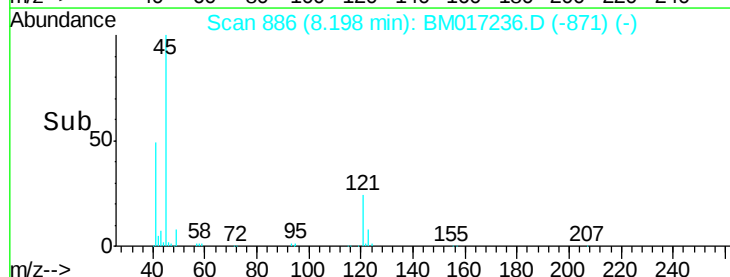
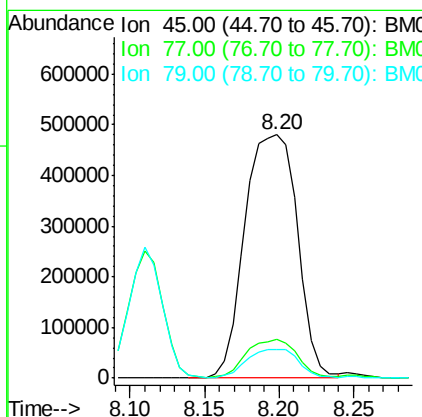
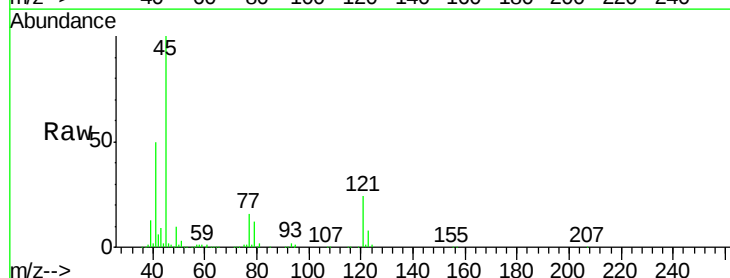
RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Tgt Ion:	45	Resp:	1174856
Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	35.5
79	11.9	0.0	32.1





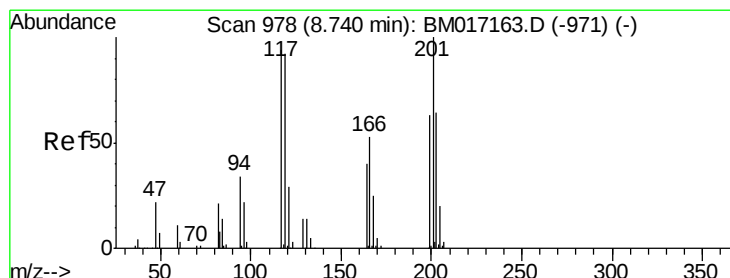
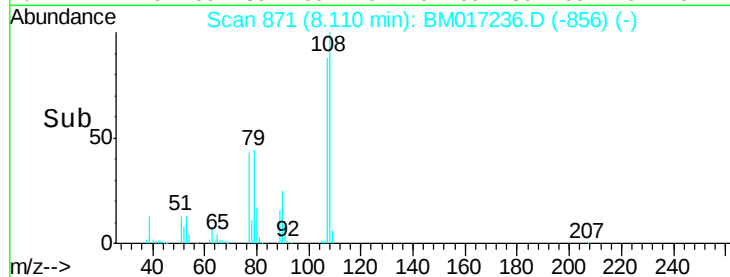
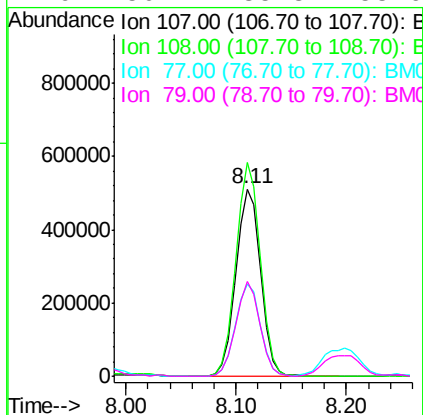
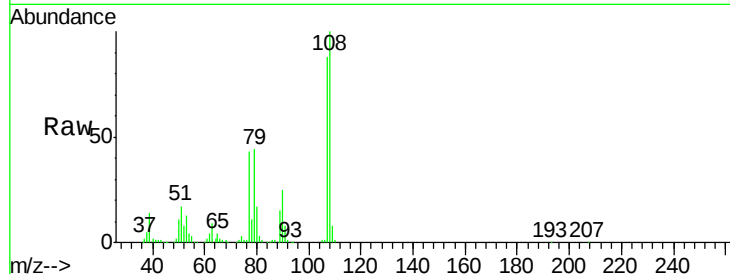
#17
2-Methylphenol
Concen: 45.252 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	114.1	90.3	135.5	
77	49.1	37.0	55.4	
79	50.4	35.8	53.6	

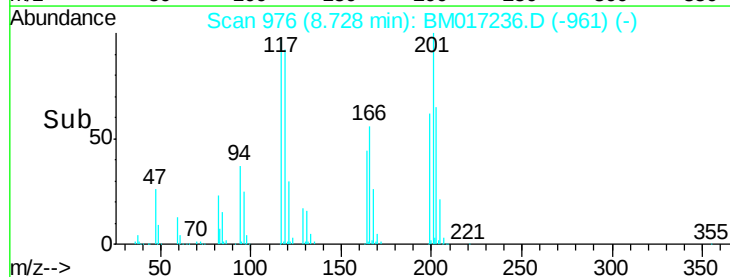
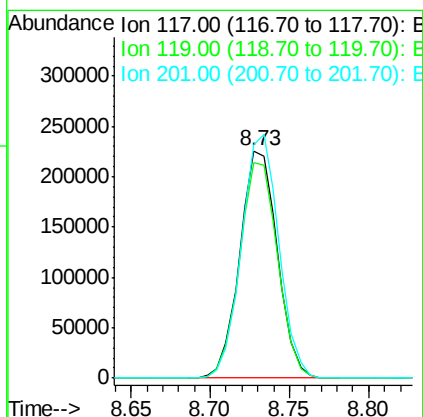
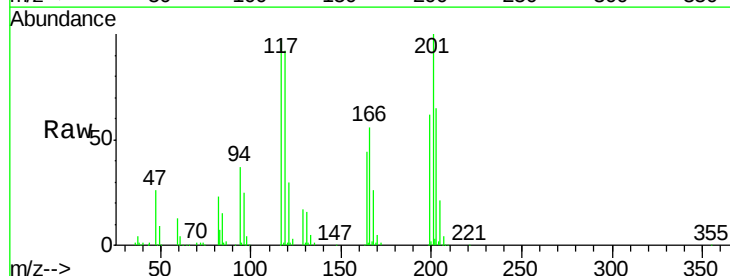
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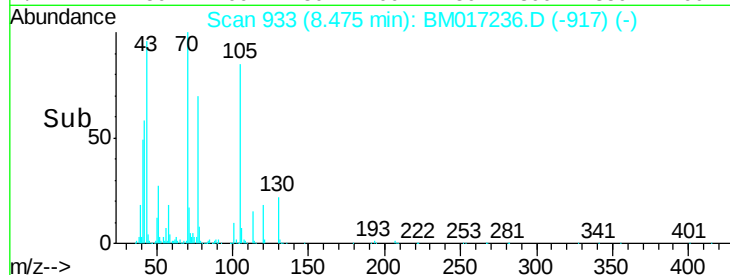
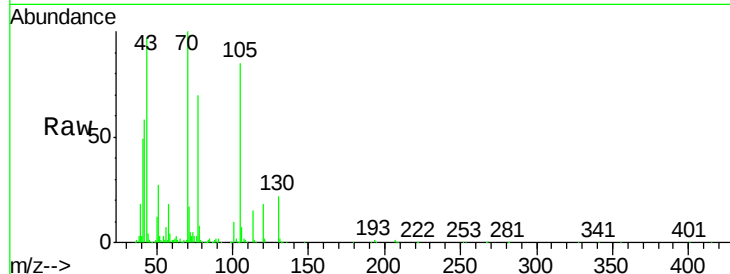
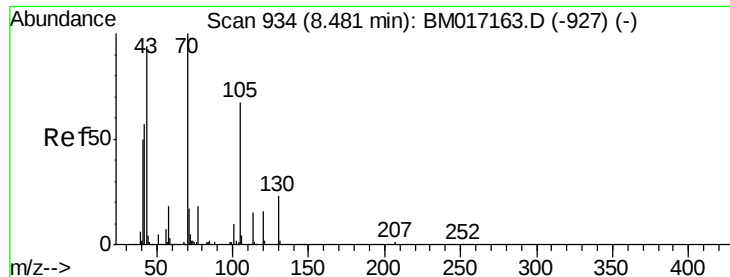
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#18
Hexachloroethane
Concen: 41.758 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt	Ion	Resp	Lower	Upper
117	100			
119	95.0	78.2	117.2	
201	103.1	85.3	127.9	





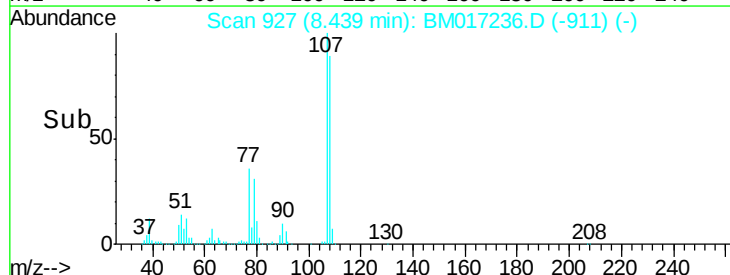
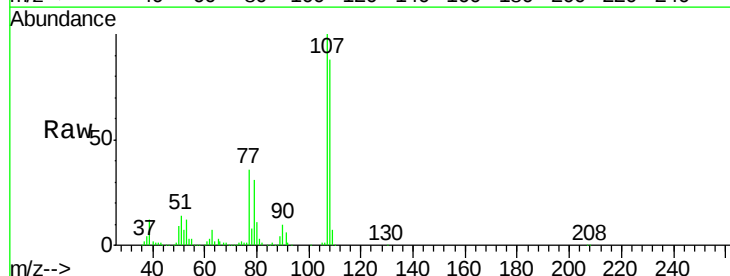
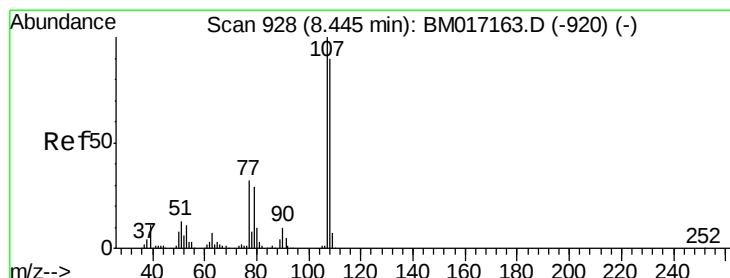
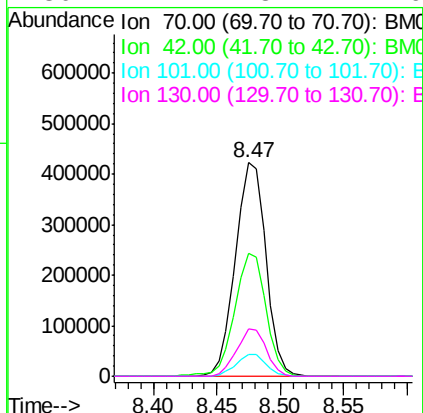
#19
n-Nitroso-di-n-propylamine
Concen: 41.604 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.1	69.1
101	10.2	8.2	12.4
130	22.1	18.4	27.6

Instrument :
BNA_M
ClientSampleId :
PB113945BS

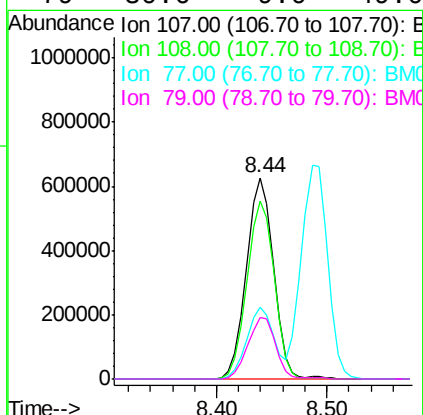
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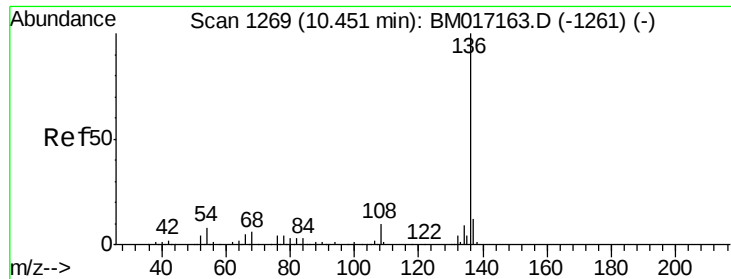
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#20
3+4-Methylphenols
Concen: 44.880 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.9	109.9
77	35.6	12.2	52.2
79	30.6	9.0	49.0





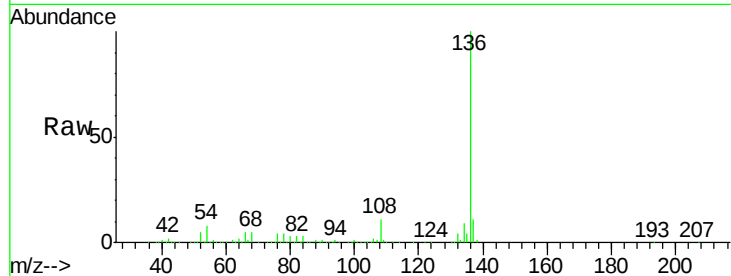
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.6	6.7	10.1
68	5.4	4.7	7.1

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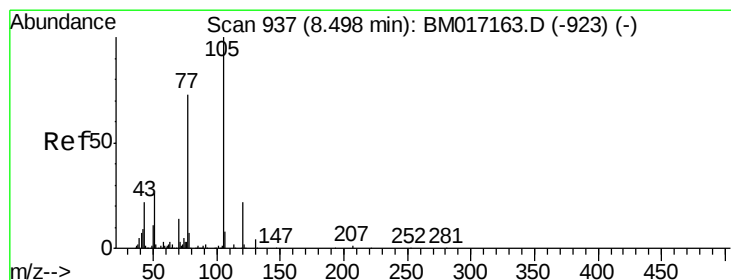
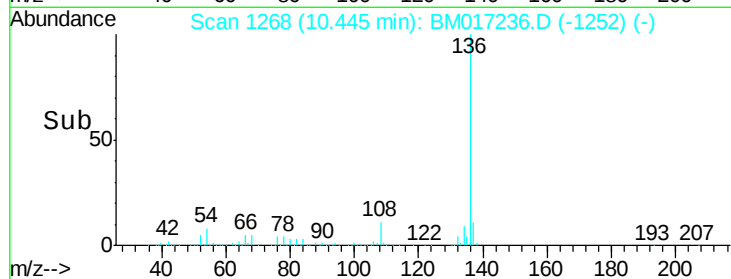
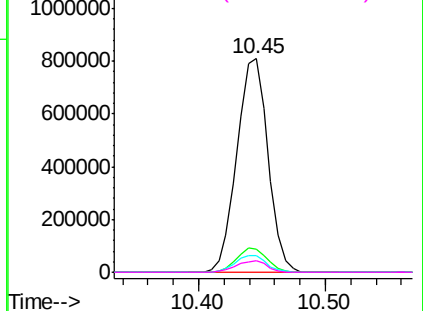
Abundance

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: 40.503 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	26.7	20.6	31.0
120	21.5	17.5	26.3

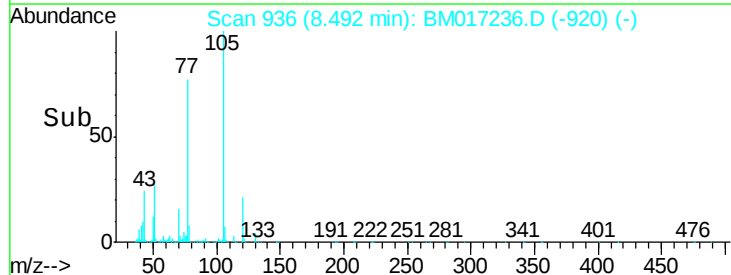
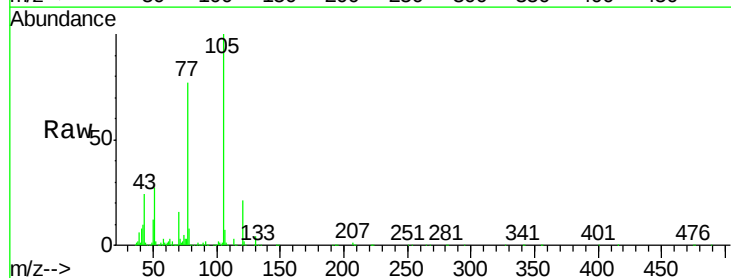
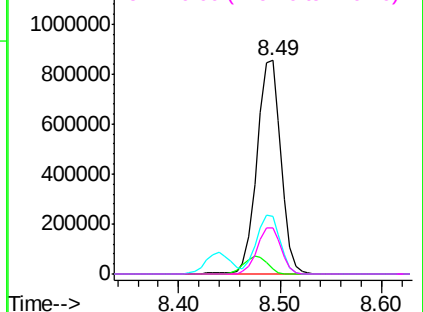
Abundance

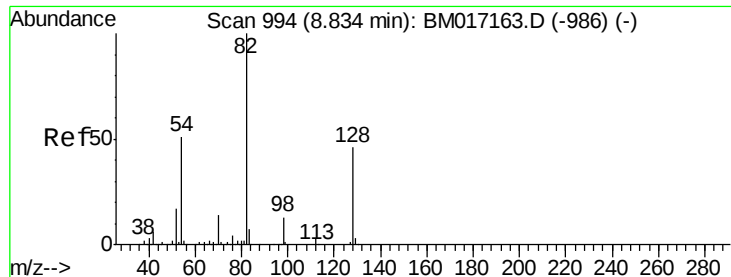
Ion 105.00 (104.70 to 105.70): E

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





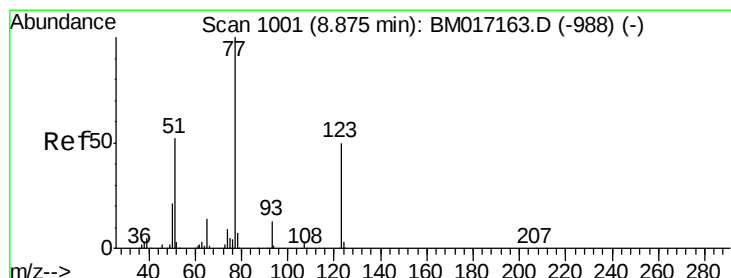
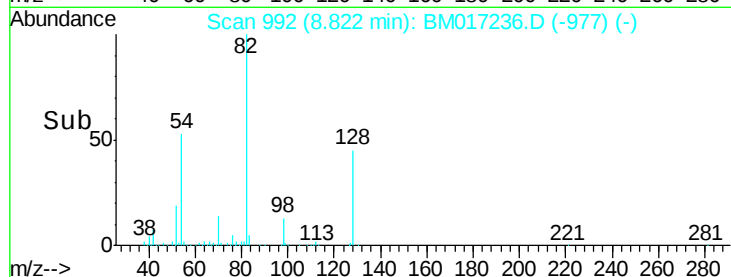
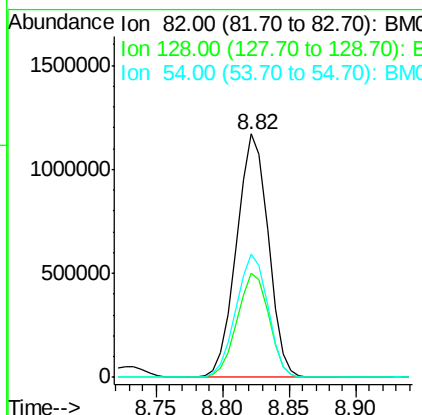
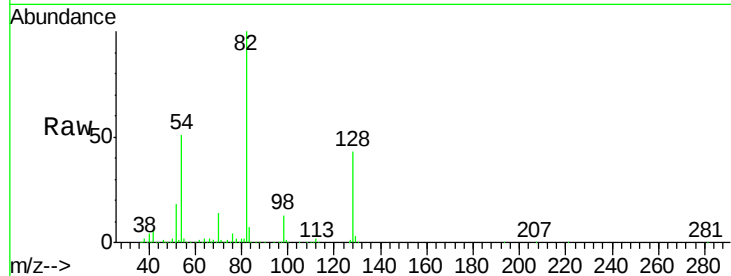
#23
 Nitrobenzene-d5
 Concen: 82.198 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Instrument :
 BNA_M
 ClientSampleId :
 PB113945BS

Tgt Ion: 82 Resp: 1931824
 Ion Ratio Lower Upper
 82 100
 128 42.9 37.0 55.6
 54 50.8 40.7 61.1

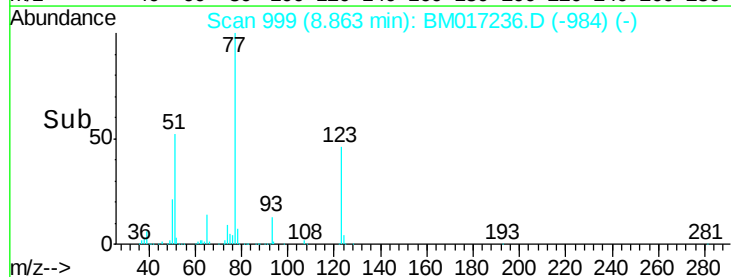
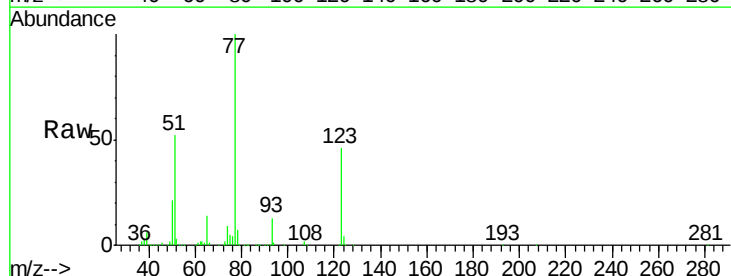
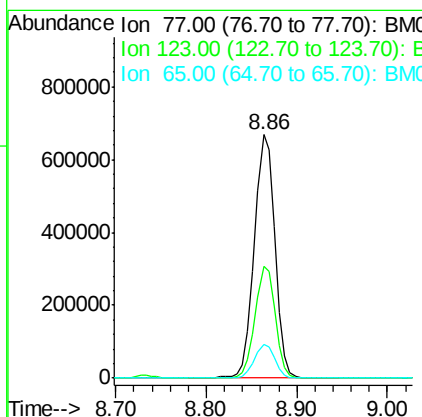
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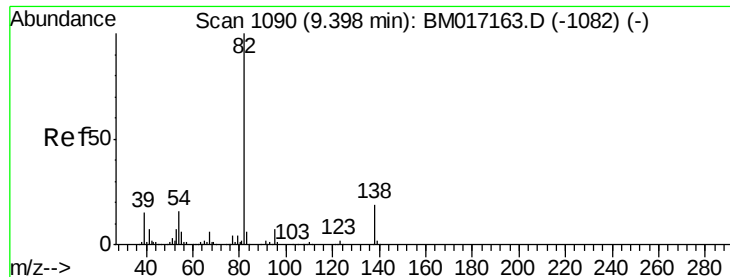
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#24
 Nitrobenzene
 Concen: 42.111 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Tgt Ion: 77 Resp: 1046877
 Ion Ratio Lower Upper
 77 100
 123 46.1 40.2 60.4
 65 14.0 11.4 17.0





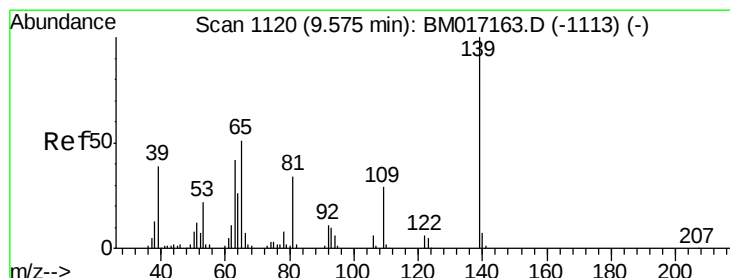
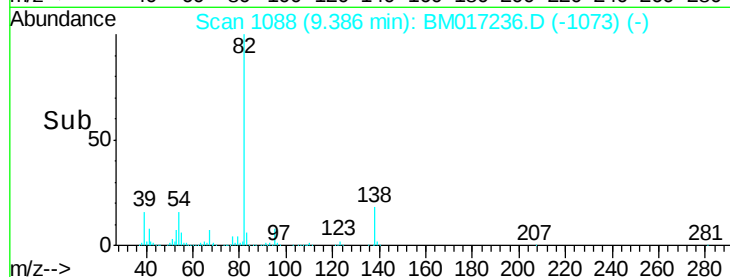
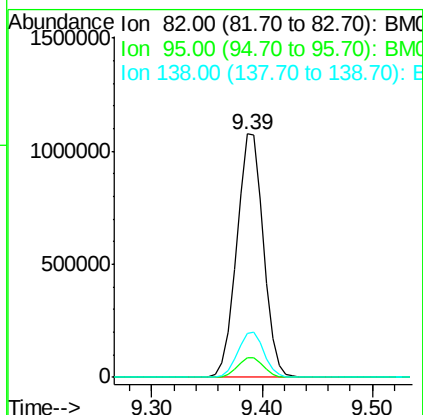
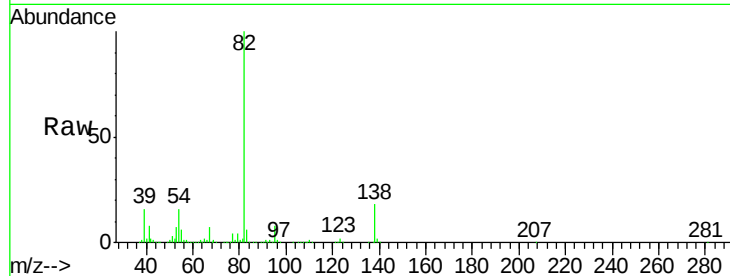
#25
Isophorone
Concen: 47.113 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion: 82 Resp: 1828382
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 18.2 15.4 23.2

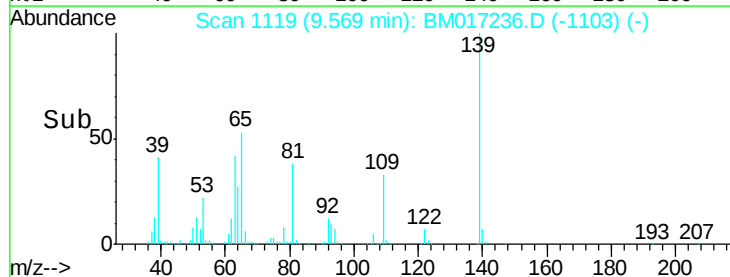
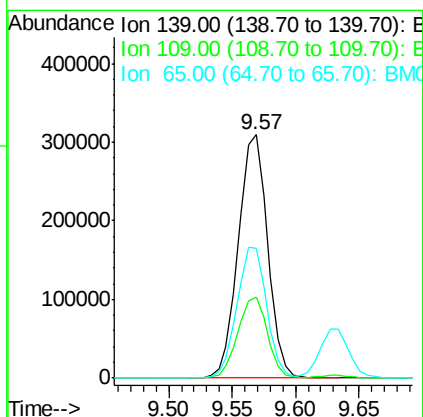
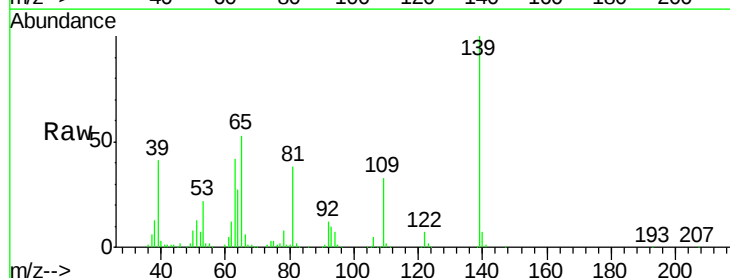
Manual Integrations
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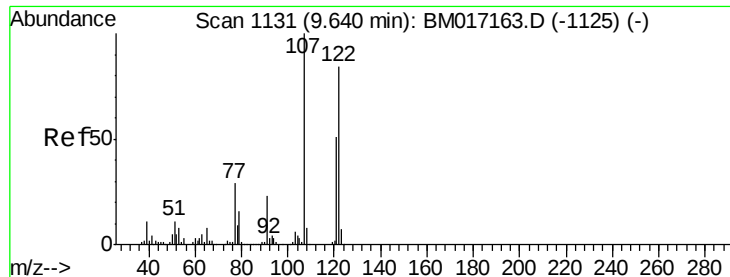
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#26
2-Nitrophenol
Concen: 43.437 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion: 139 Resp: 498214
Ion Ratio Lower Upper
139 100
109 33.2 23.2 34.8
65 53.3 40.6 61.0





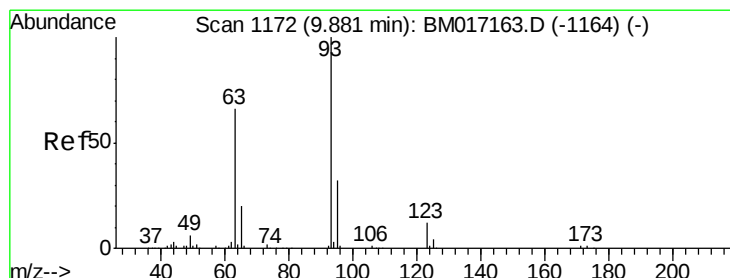
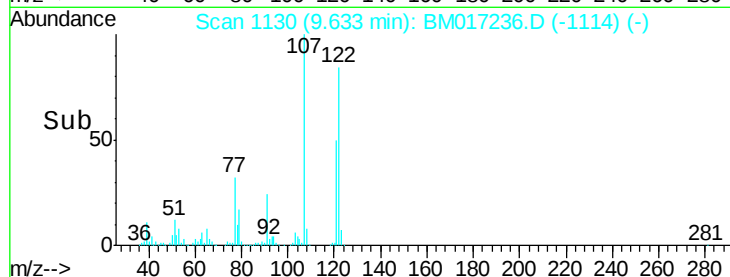
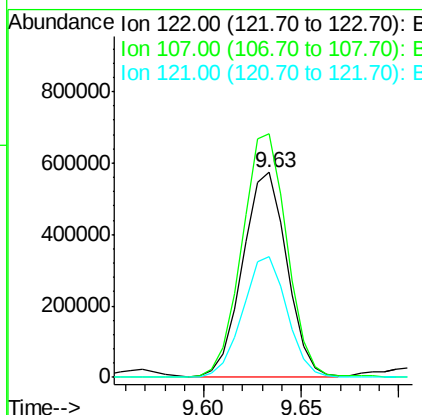
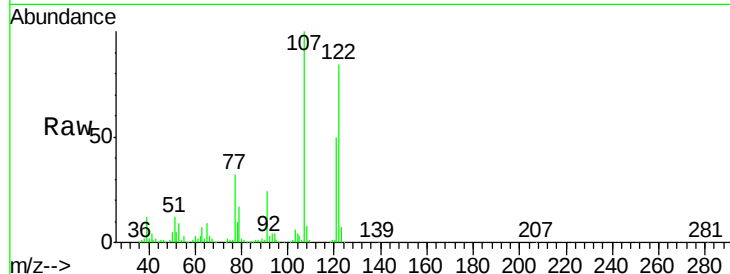
#27
2,4-Dimethylphenol
Concen: 52.435 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	899817		
107	118.7	95.0	142.6	
121	59.1	48.2	72.4	

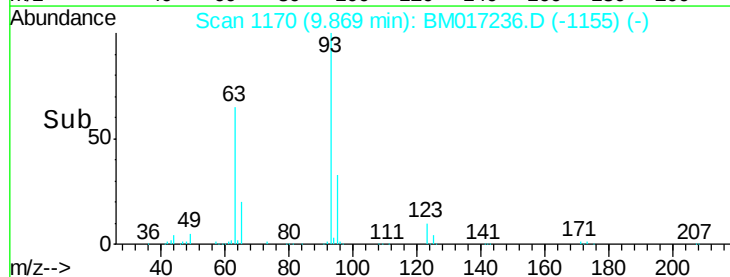
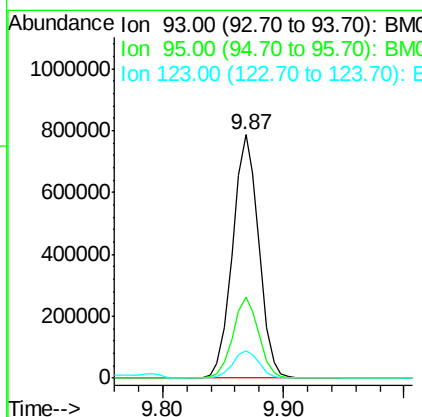
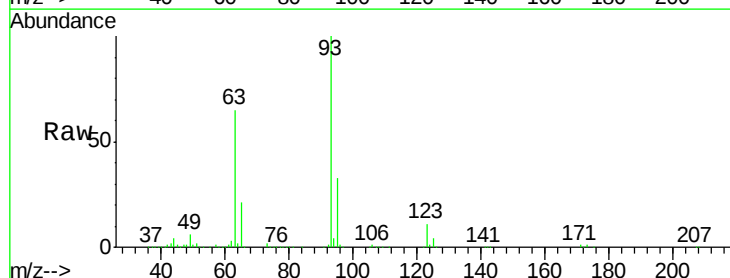
Manual Integrations
APPROVED

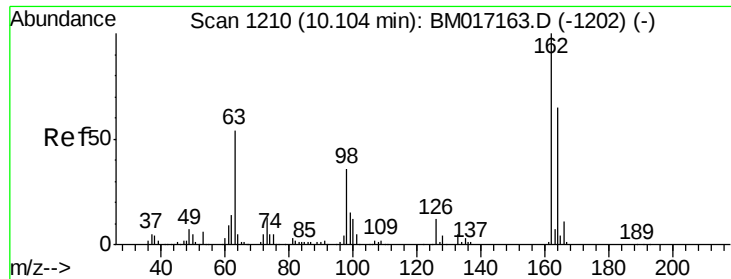
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.403 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1185578		
95	33.3	25.7	38.5	
123	11.4	9.4	14.0	





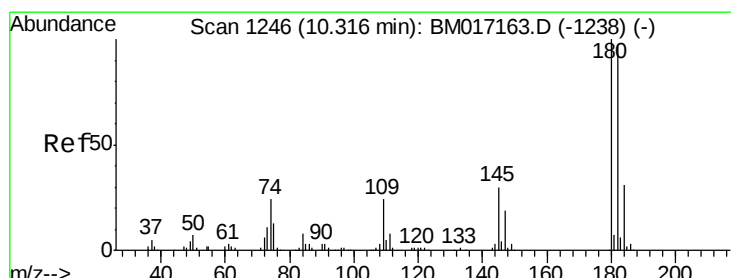
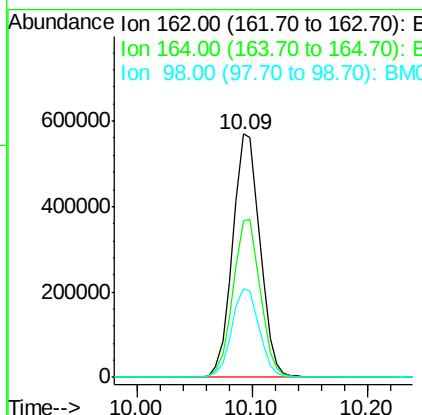
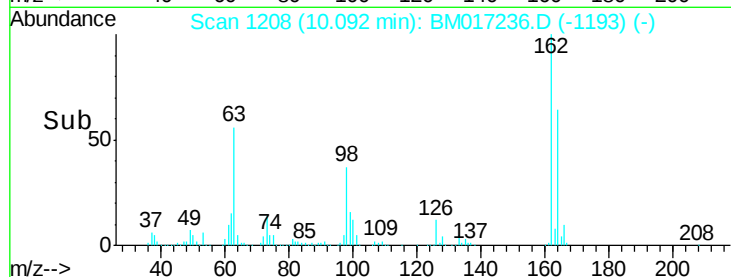
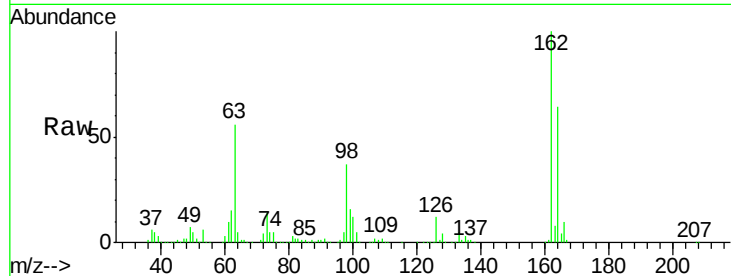
#29
2,4-Dichlorophenol
Concen: 47.059 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	937620		
164	64.3	44.9	84.9	
98	36.5	15.8	55.8	

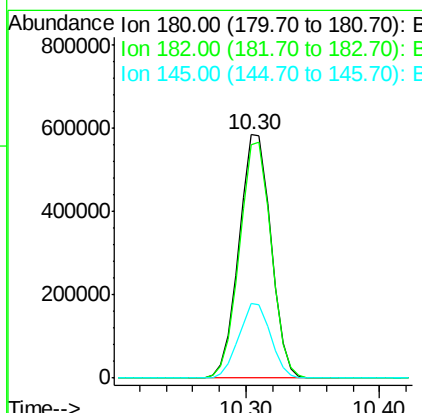
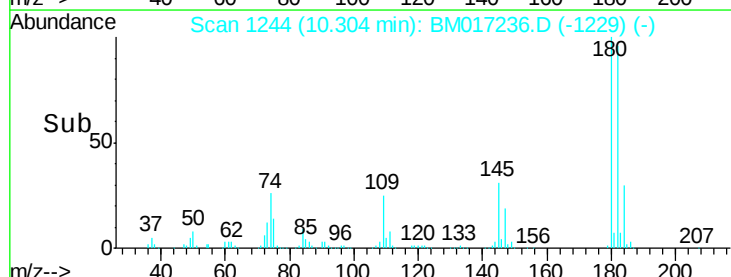
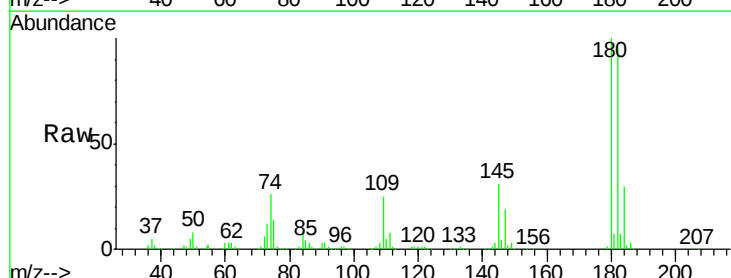
Manual Integrations
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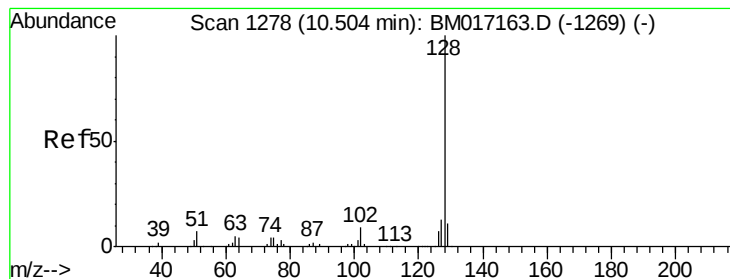
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.522 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	968539		
182	96.0	77.5	116.3	
145	30.7	24.0	36.0	





#31

Naphthalene

Concen: 43.031 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB113945BS

Tgt Ion:128 Resp: 2898569

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

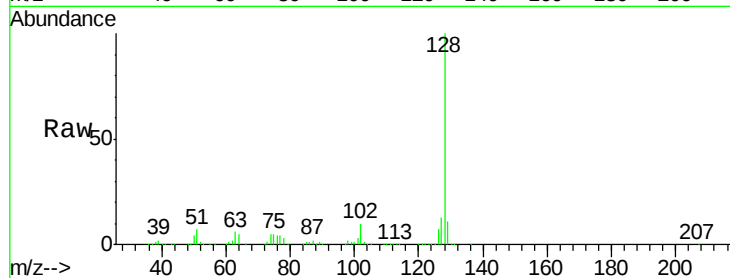
127 13.0 10.3 15.5

Manual Integrations

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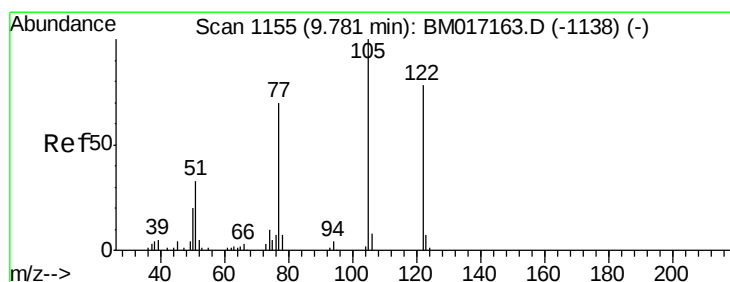
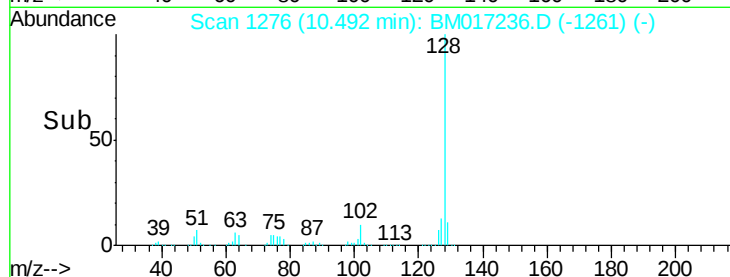
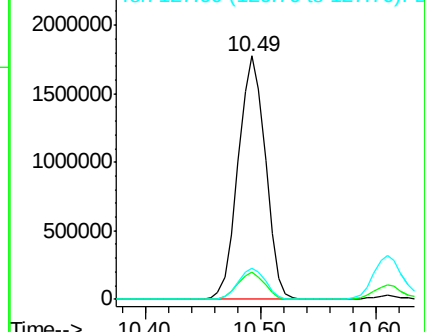
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.069 ng

RT: 9.79 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

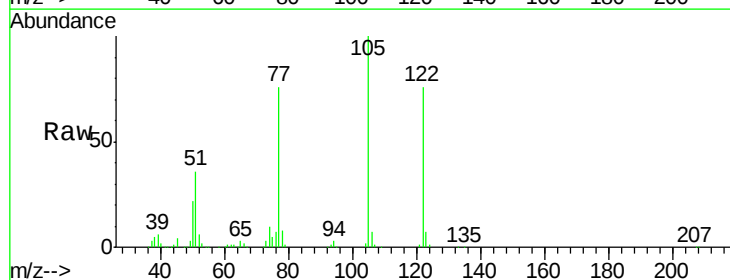
Tgt Ion:122 Resp: 551458

Ion Ratio Lower Upper

122 100

105 131.9 102.0 142.0

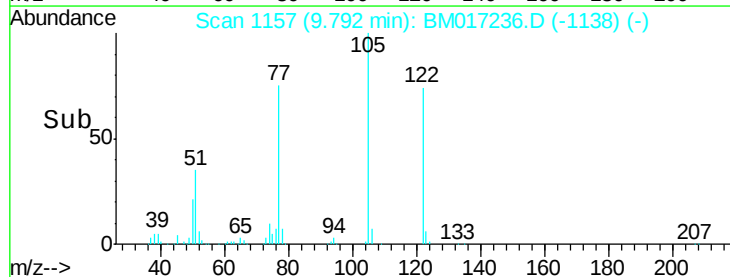
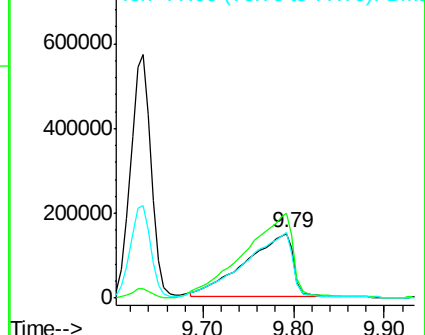
77 100.6 67.7 107.7



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





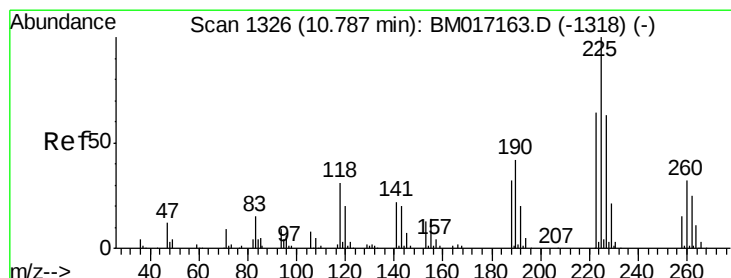
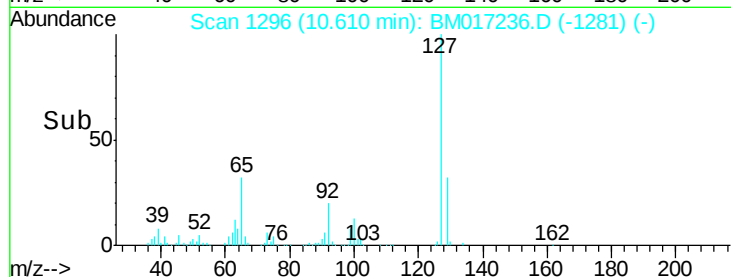
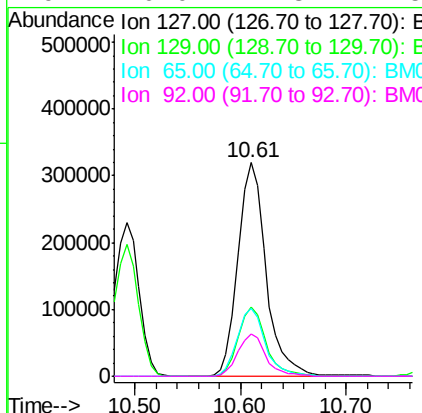
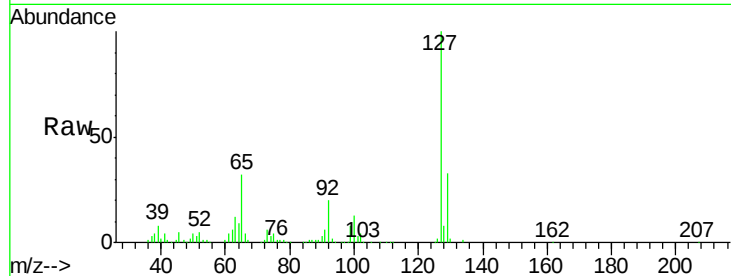
#33
4-Chloroaniline
Concen: 20.279 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampled :
PB113945BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.2	39.4	
65	31.5	23.7	35.5	
92	20.0	14.3	21.5	

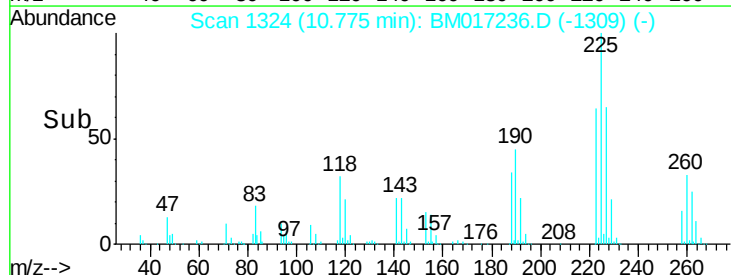
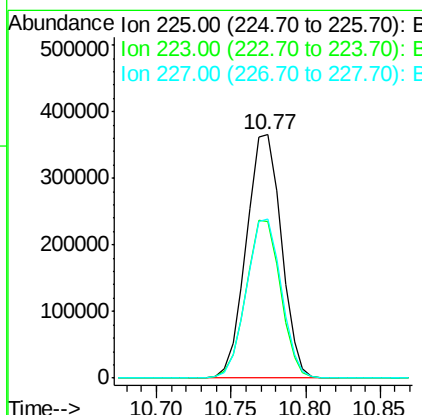
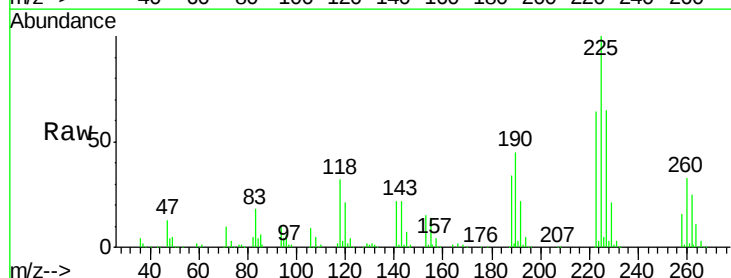
Manual Integrations
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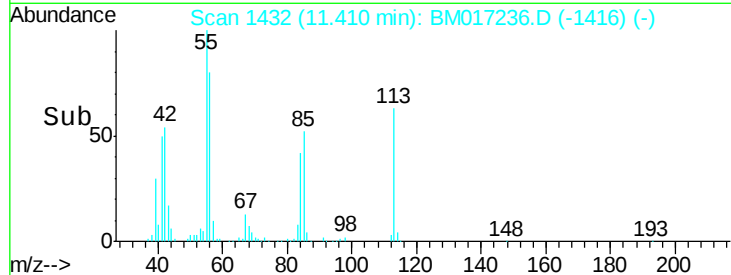
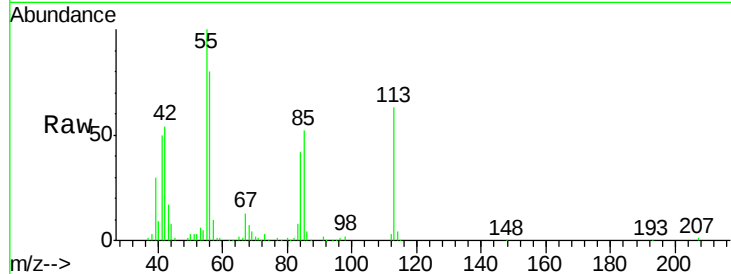
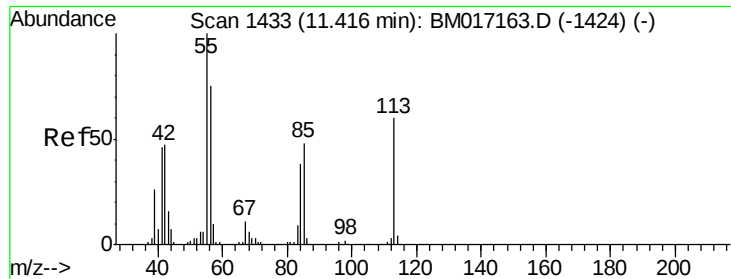
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#34
Hexachlorobutadiene
Concen: 39.283 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	51.0	76.6	
227	65.4	50.8	76.2	





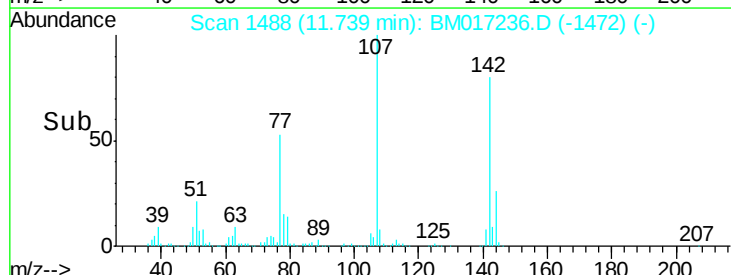
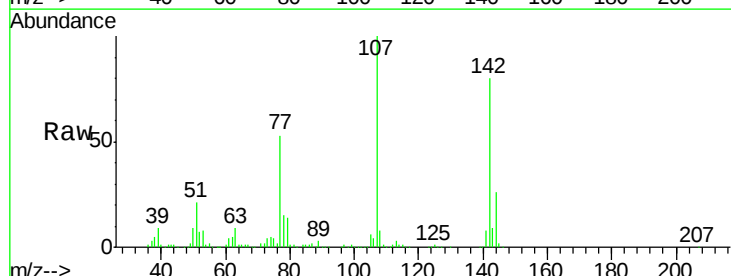
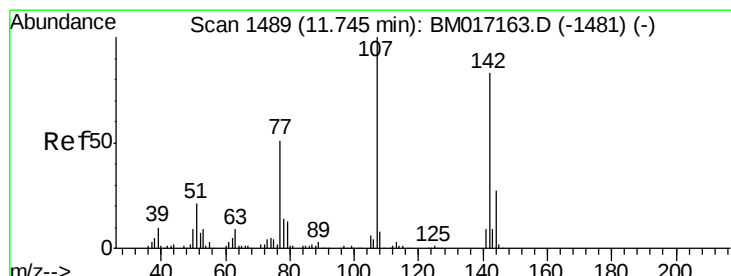
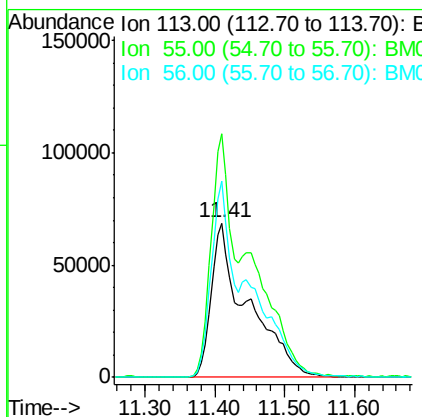
#35
Caprolactam
Concen: 34.413 ng m
RT: 11.41 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:113 Resp: 249883
Ion Ratio Lower Upper
113 100
55 157.6 147.0 187.0
56 126.8 104.5 144.5

Instrument :
BNA_M
ClientSampleId :
PB113945BS

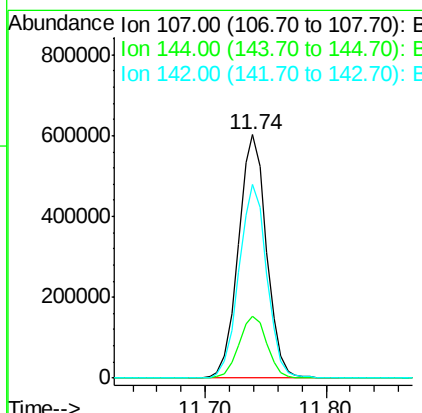
Manual Integrations
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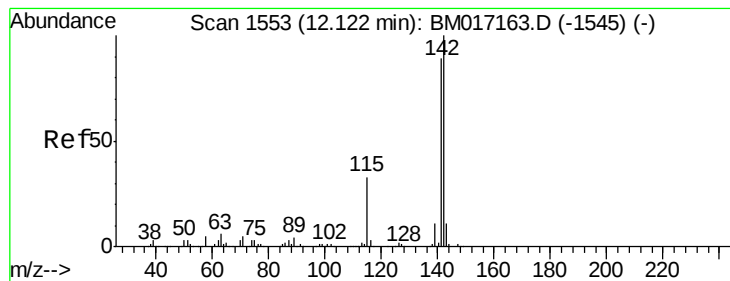
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#36
4-Chloro-3-methylphenol
Concen: 43.599 ng
RT: 11.74 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:107 Resp: 979182
Ion Ratio Lower Upper
107 100
144 25.6 21.6 32.4
142 79.8 66.0 99.0





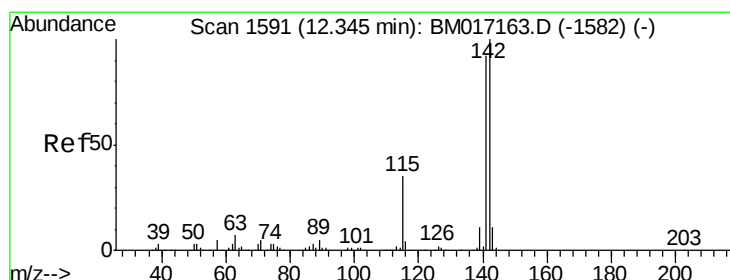
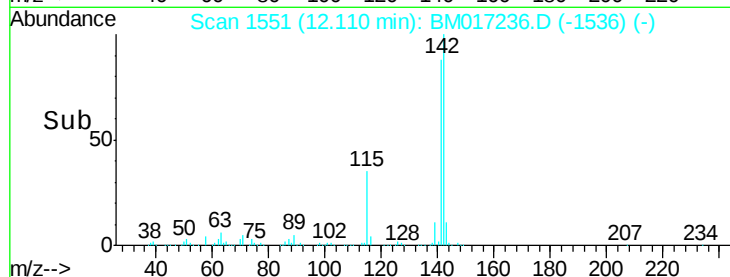
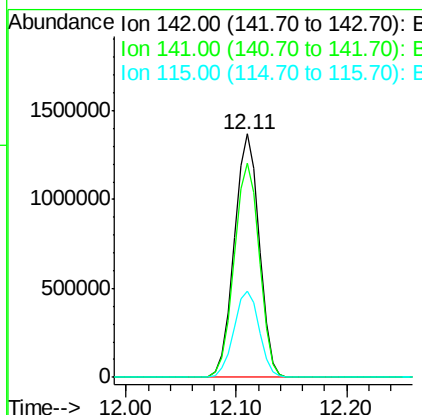
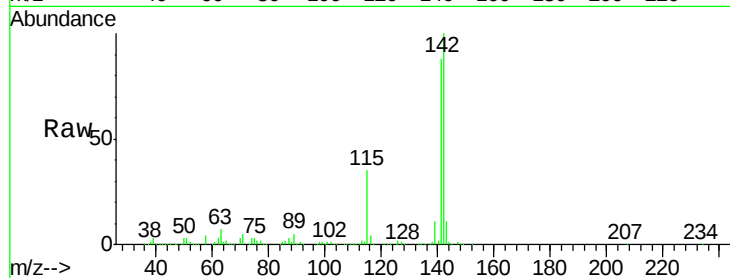
#37
2-Methylnaphthalene
Concen: 47.239 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion:142 Resp: 2177487
Ion Ratio Lower Upper
142 100
141 87.7 70.9 106.3
115 35.5 26.4 39.6

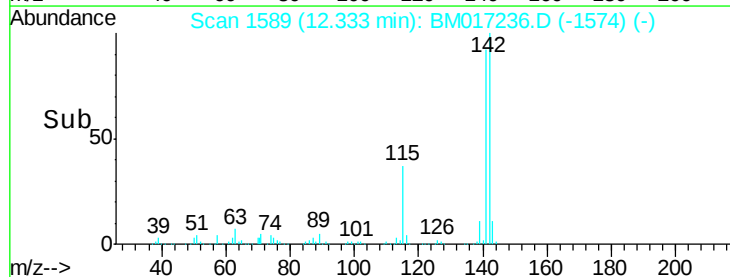
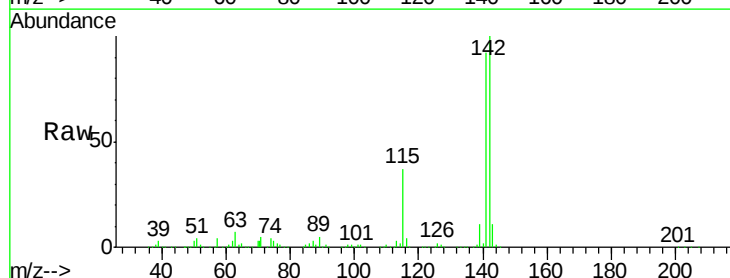
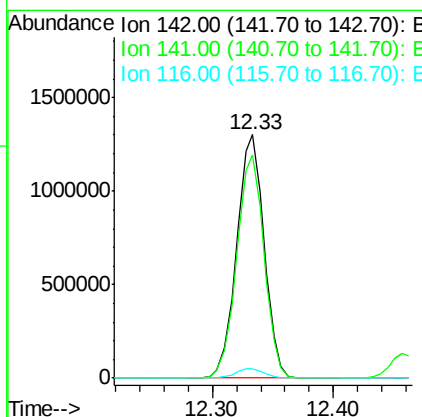
Manual Integrations
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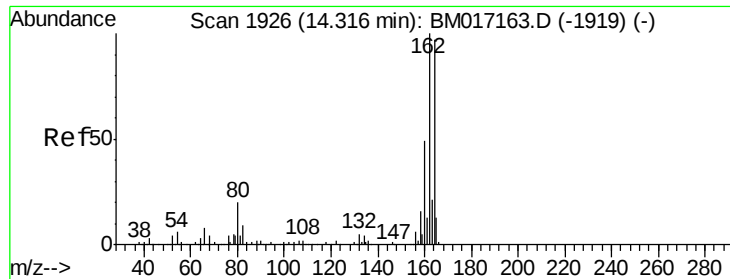
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#38
1-Methylnaphthalene
Concen: 45.851 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:142 Resp: 2057028
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6
116 4.0 2.9 4.3





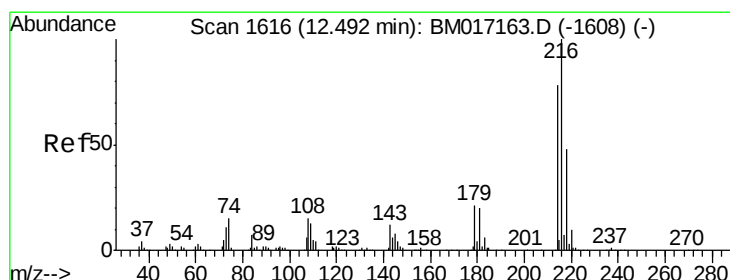
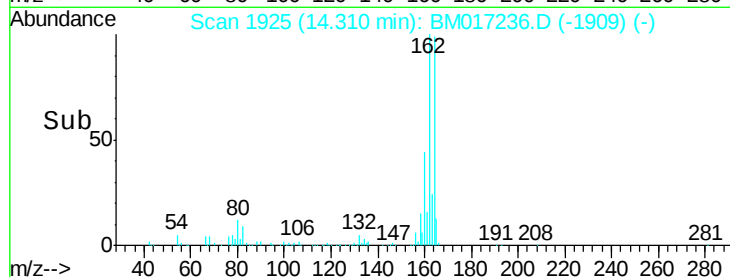
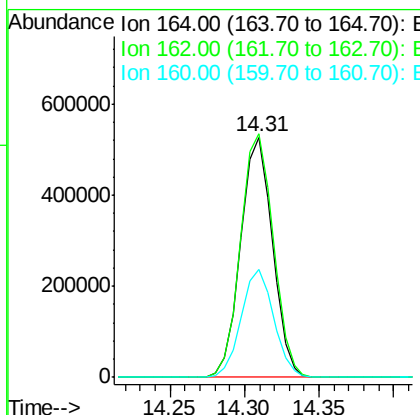
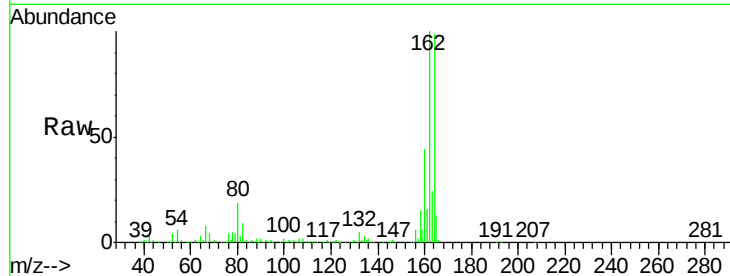
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	780193		
162	101.3	82.1	123.1	
160	45.0	40.2	60.2	

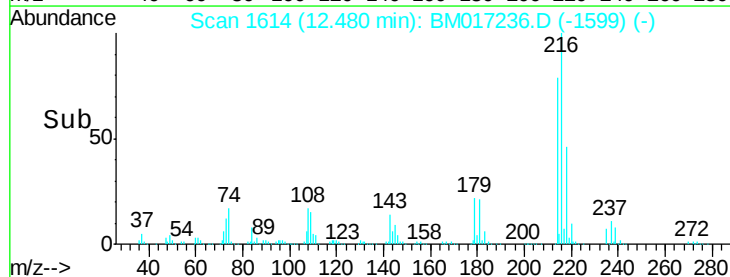
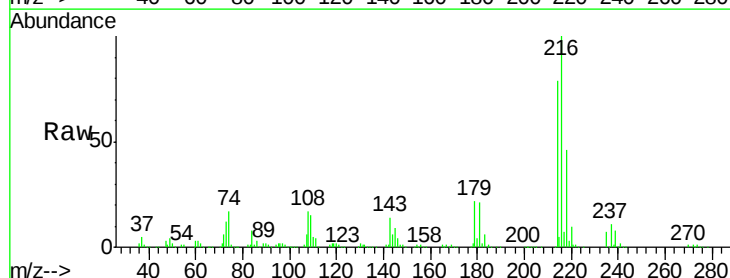
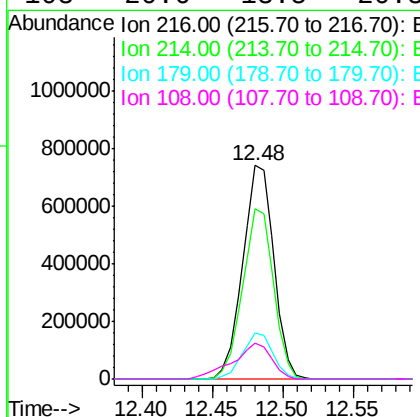
Manual Integrations
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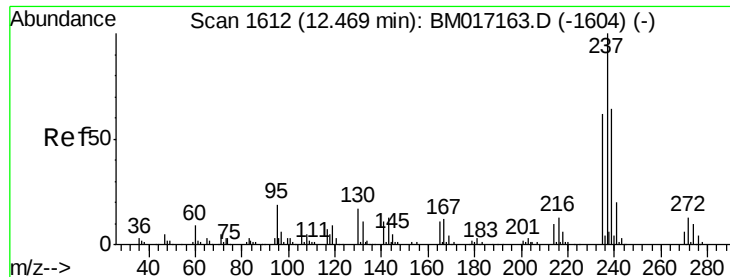
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.621 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	1143576		
214	78.9	62.6	93.8	
179	21.2	16.6	24.8	
108	20.6	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 124.787 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

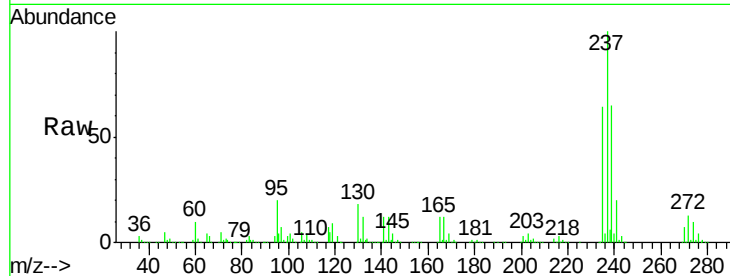
ClientSampleId :

PB113945BS

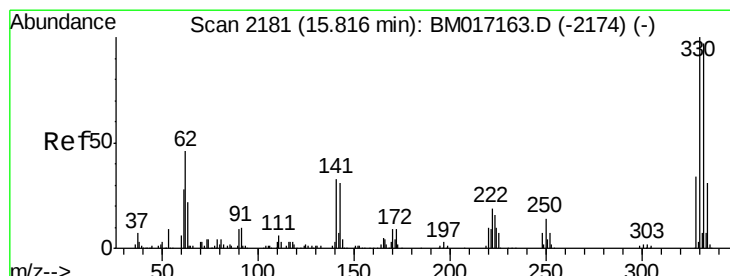
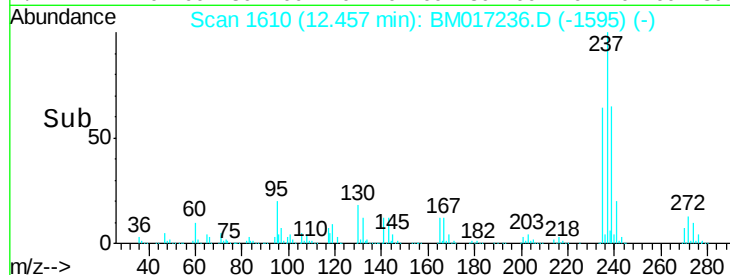
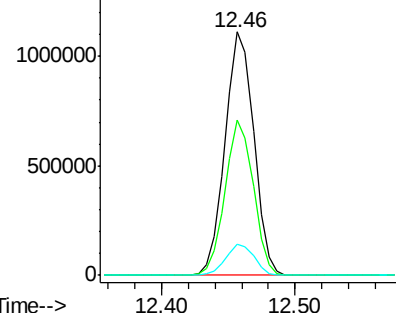
Tgt Ion:	237	Resp:	1657505
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.4	82.4
272	13.0	0.0	33.0

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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: 126.424 ng

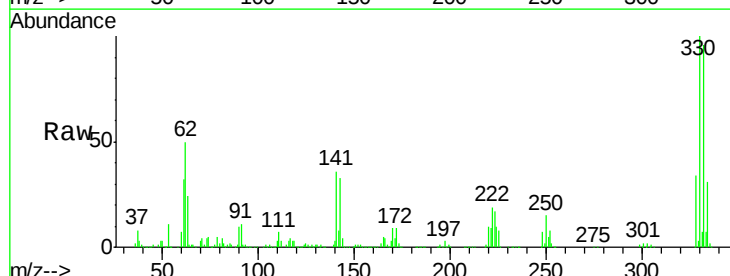
RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

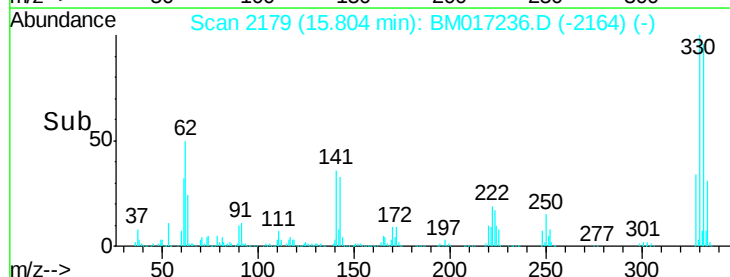
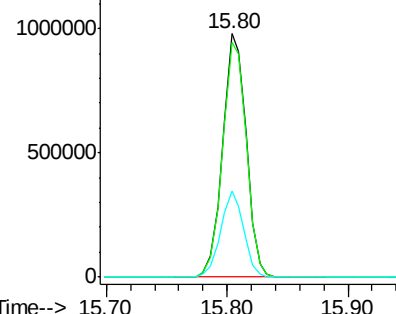
Lab File: BM017236.D

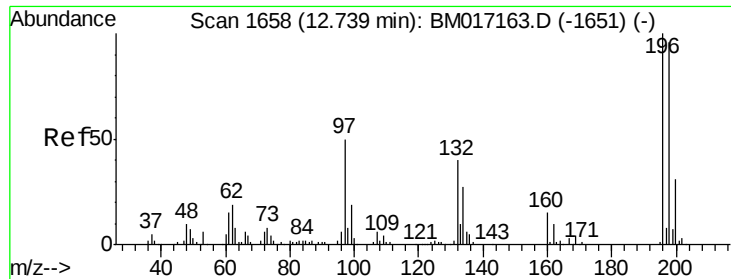
Acq: 19 Oct 2018 18:52

Tgt Ion:	330	Resp:	1333892
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.3	115.9
141	34.5	27.4	41.0



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





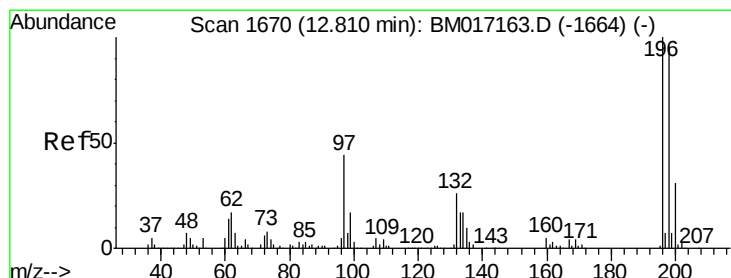
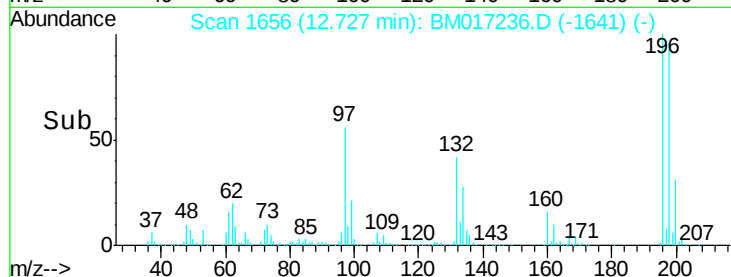
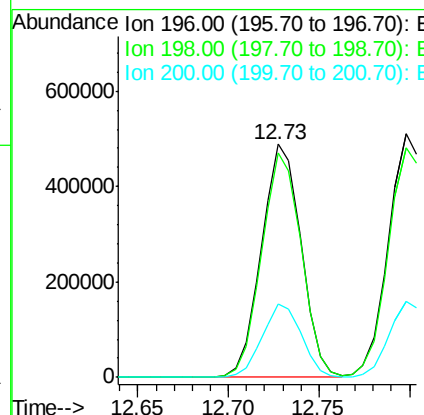
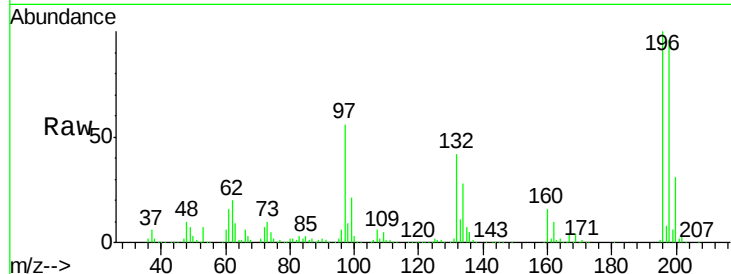
#43
 2,4,6-Trichlorophenol
 Concen: 46.588 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Instrument :
 BNA_M
 ClientSampleId :
 PB113945BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	743066		
198	96.1	77.1	115.7	
200	31.3	25.0	37.4	

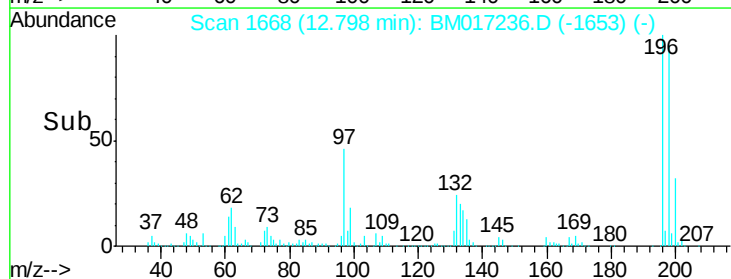
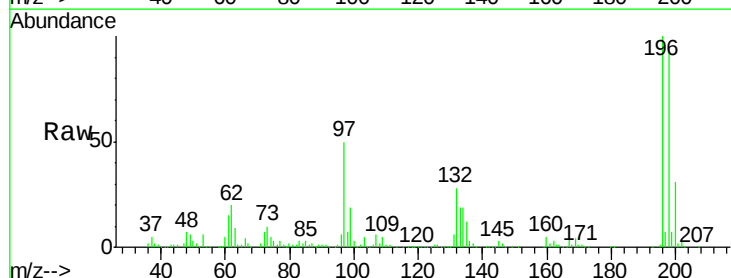
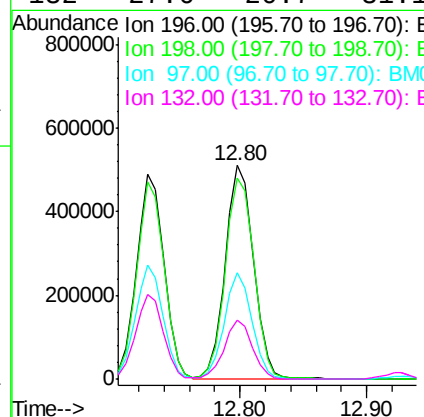
Manual Integrations
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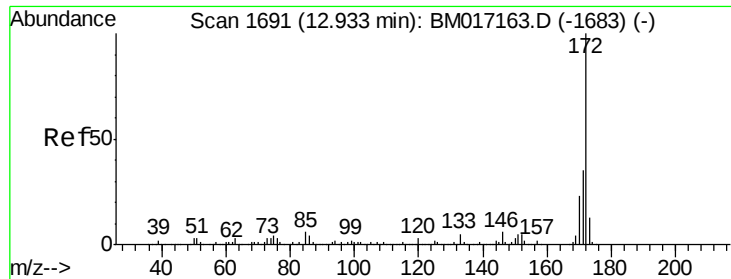
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 45.911 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	785236		
198	94.1	76.6	115.0	
97	49.5	35.5	53.3	
132	27.6	20.7	31.1	





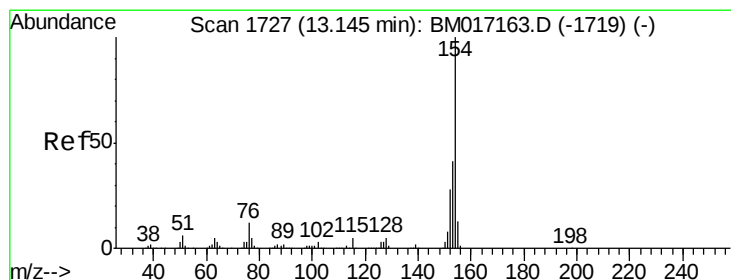
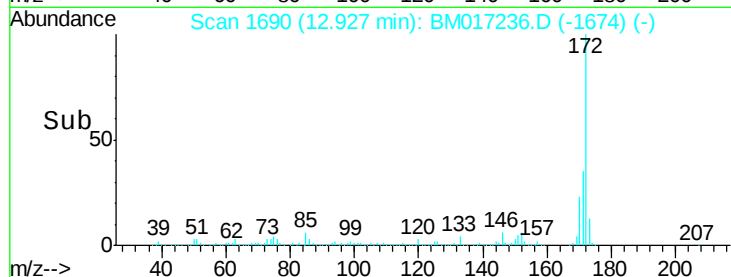
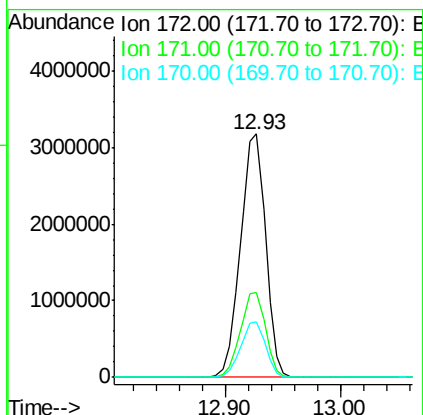
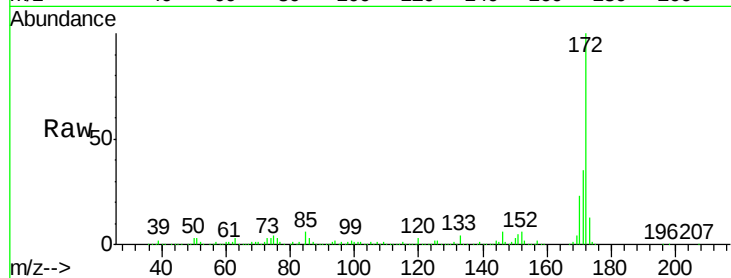
#45
2-Fluorobiphenyl
Concen: 81.743 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion:172 Resp: 4793188
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.9 18.3 27.5

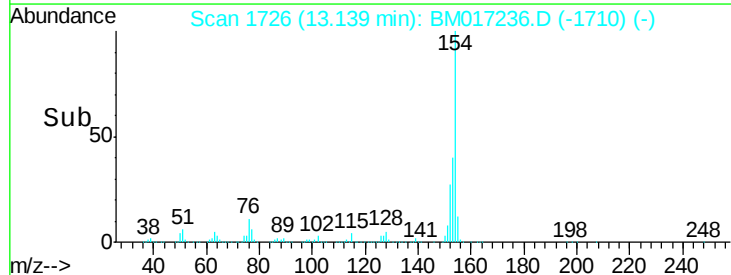
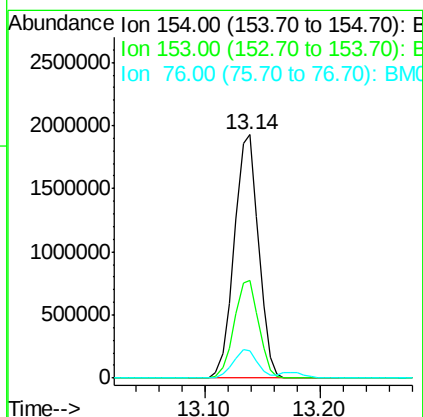
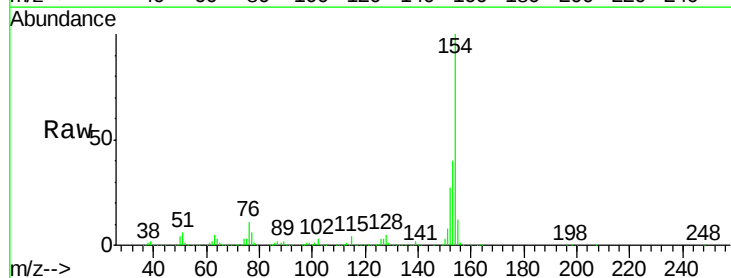
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#46
1,1'-Biphenyl
Concen: 40.001 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:154 Resp: 2808427
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 11.4 0.0 31.8





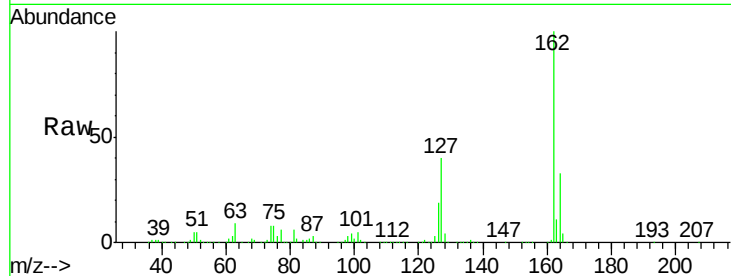
#47
2-Chloronaphthalene
Concen: 41.363 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.0	46.4
164	32.9	26.6	39.8

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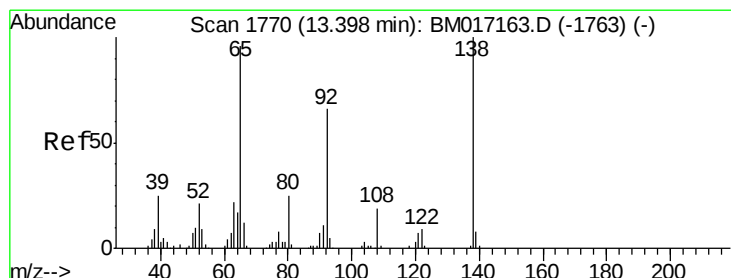
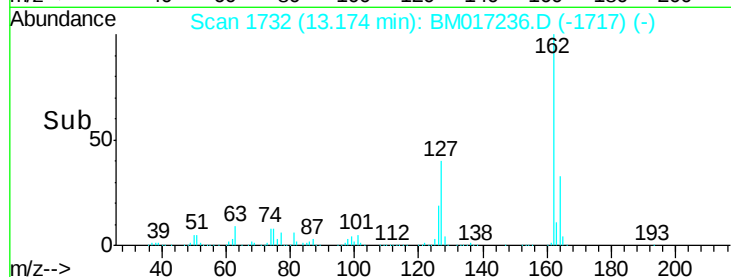
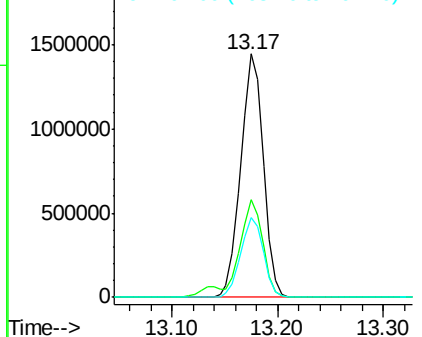


Abundance

Ion 162.00 (161.70 to 162.70): E

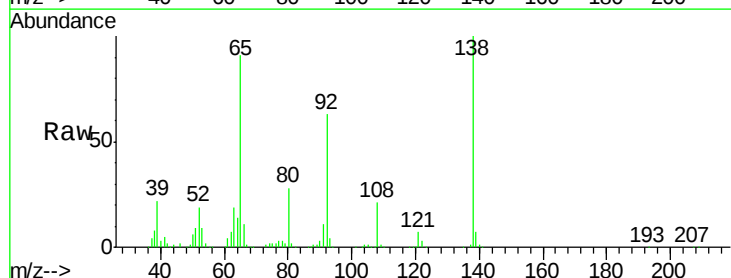
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.605 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.9	82.3
138	110.4	83.7	125.5

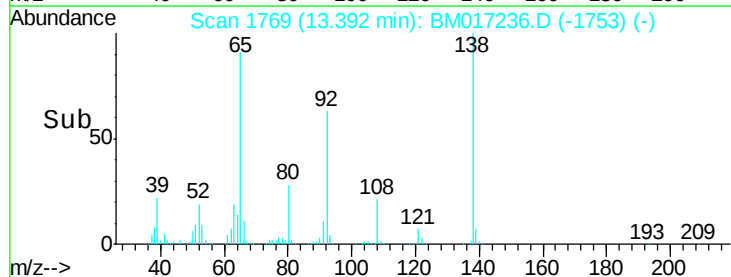
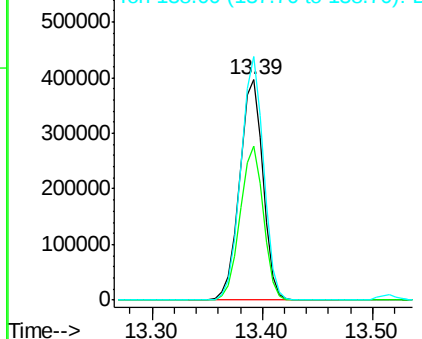


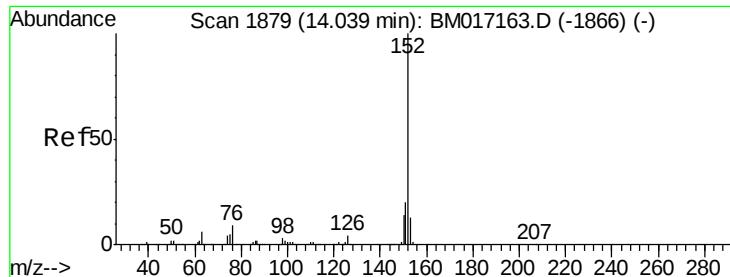
Abundance

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: 45.319 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB113945BS

Tgt Ion:152 Resp: 3392913

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

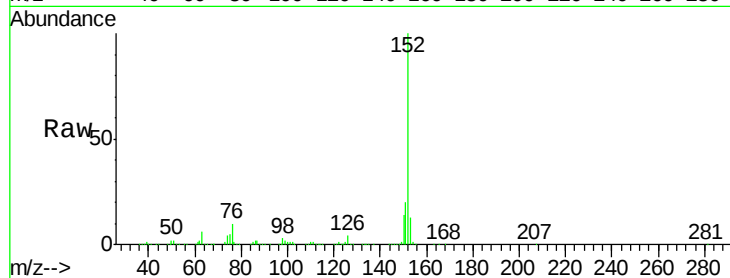
153 13.2 10.4 15.6

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.03

2000000

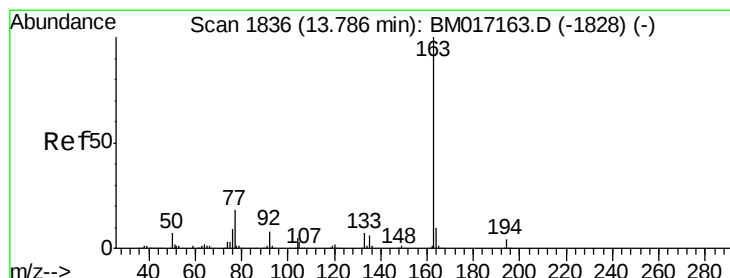
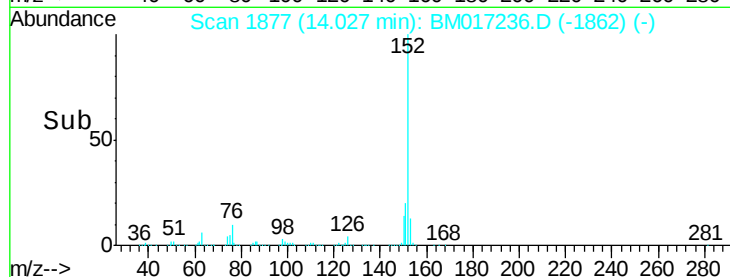
1500000

1000000

500000

0

Time-->



#50

Dimethylphthalate

Concen: 41.766 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

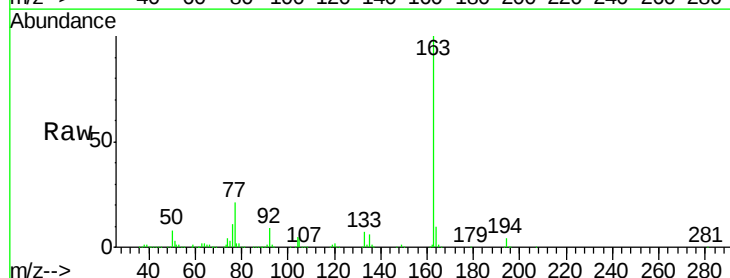
Tgt Ion:163 Resp: 2514021

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.77

2000000

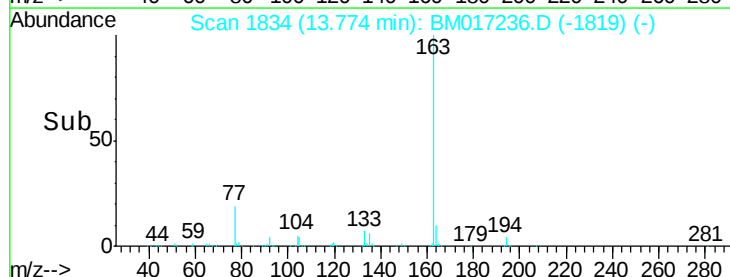
1500000

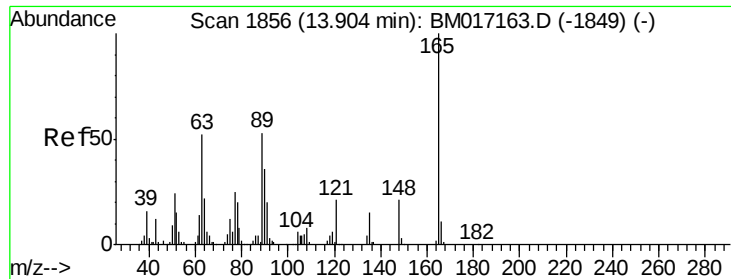
1000000

500000

0

Time-->





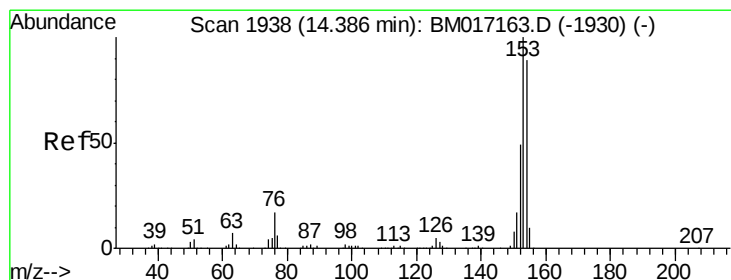
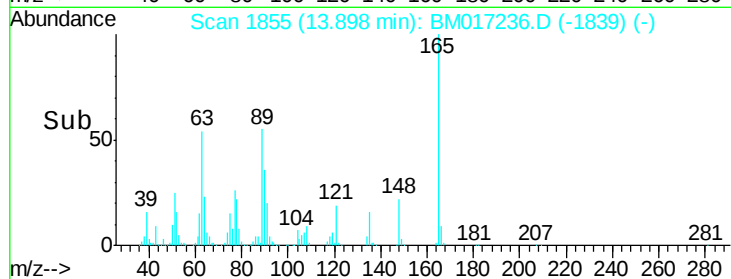
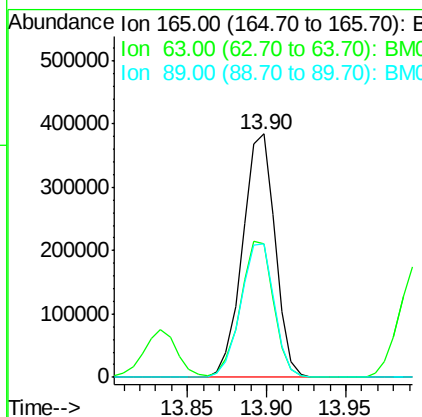
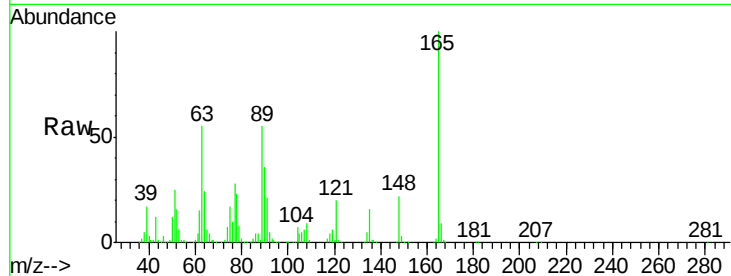
#51
2,6-Dinitrotoluene
Concen: 41.365 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	548002		
63	54.7	42.7	64.1	
89	54.7	42.1	63.1	

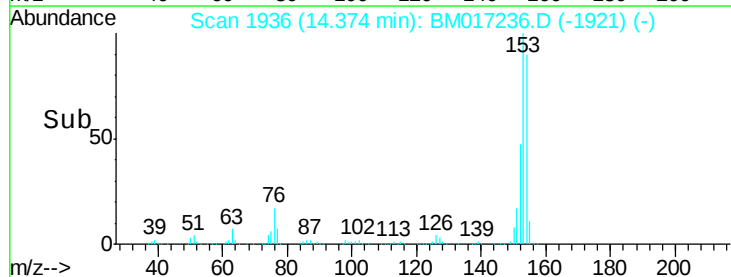
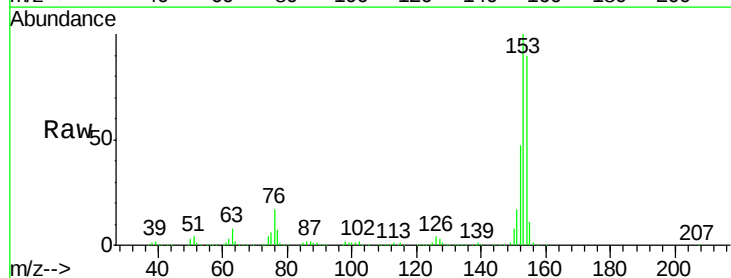
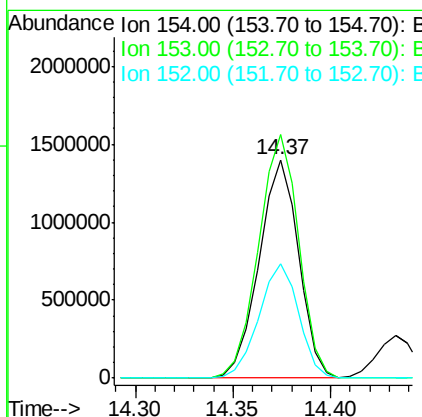
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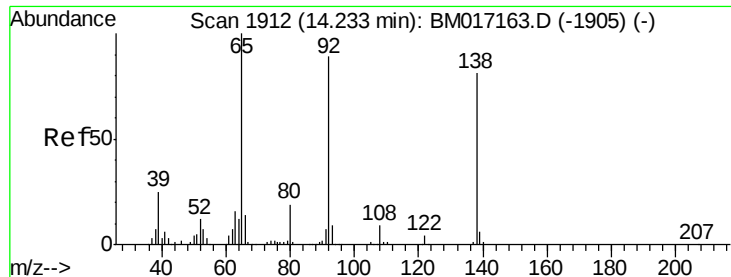
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#52
Acenaphthene
Concen: 42.023 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1975420		
153	111.5	90.2	135.2	
152	52.2	44.2	66.4	





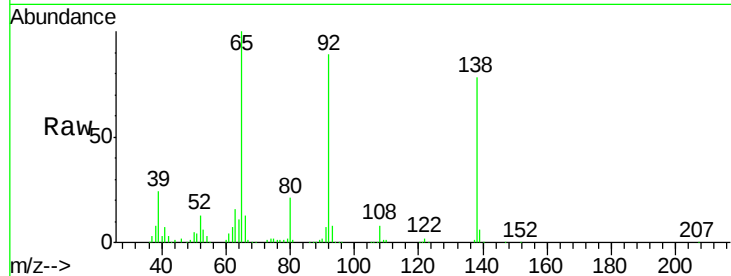
#53
3-Nitroaniline
Concen: 25.058 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

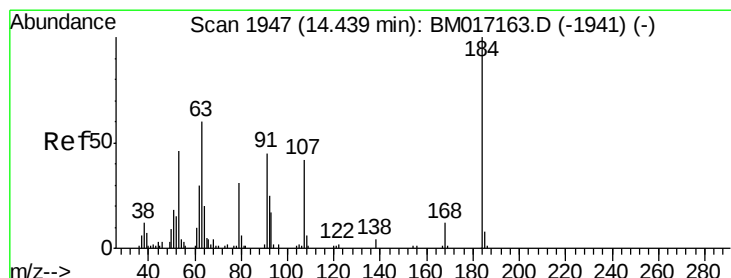
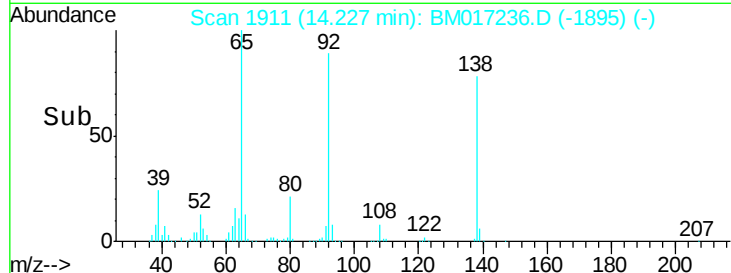
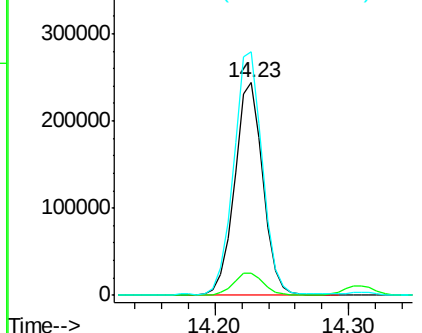
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	359541		
108	10.6	8.7	13.1	
92	114.7	87.9	131.9	

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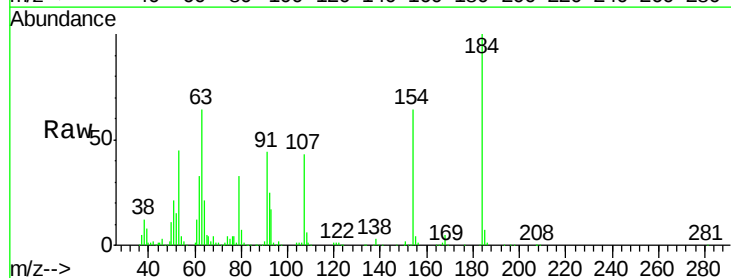


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

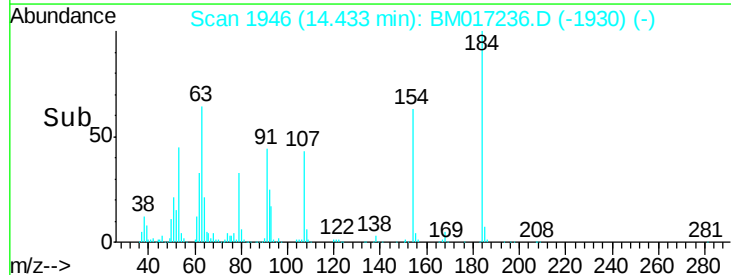
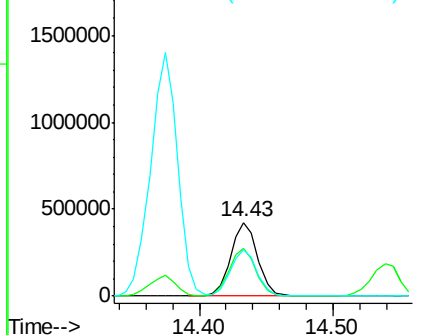


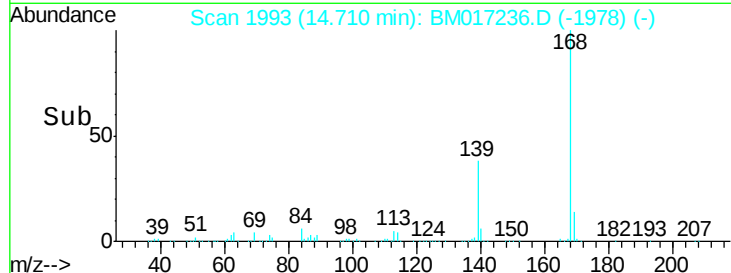
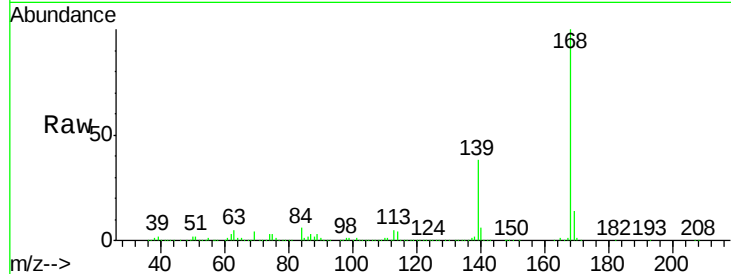
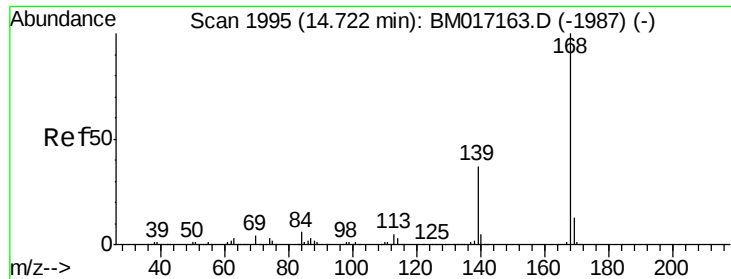
#54
2,4-Dinitrophenol
Concen: 76.325 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	589924		
63	64.5	51.2	76.8	
154	64.2	47.8	71.8	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





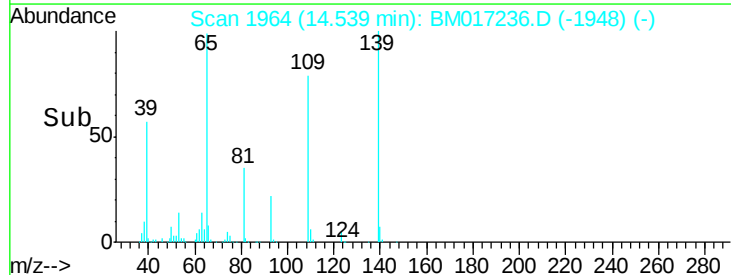
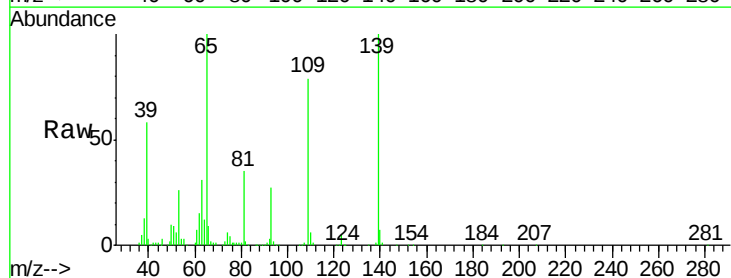
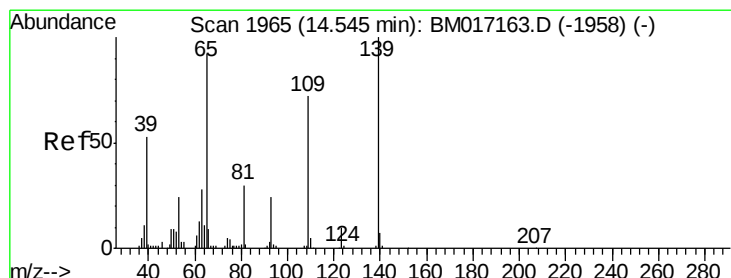
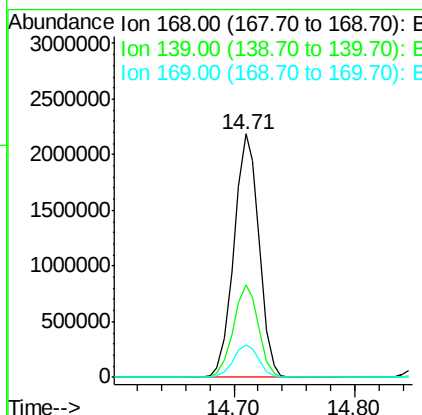
#55
Dibenzofuran
Concen: 40.271 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion:168 Resp: 3148057
Ion Ratio Lower Upper
168 100
139 38.0 29.3 43.9
169 13.5 10.6 15.8

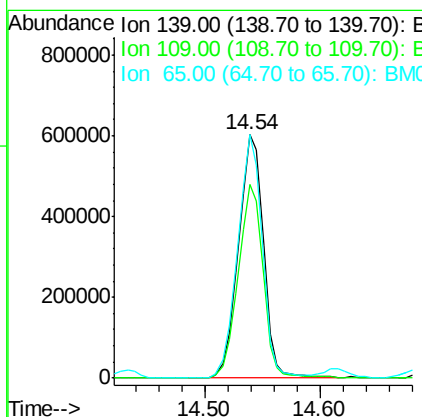
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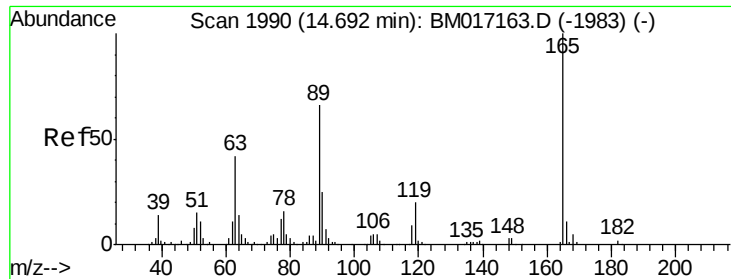
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#56
4-Nitrophenol
Concen: 69.941 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:139 Resp: 906367
Ion Ratio Lower Upper
139 100
109 79.5 51.8 91.8
65 100.1 72.1 112.1





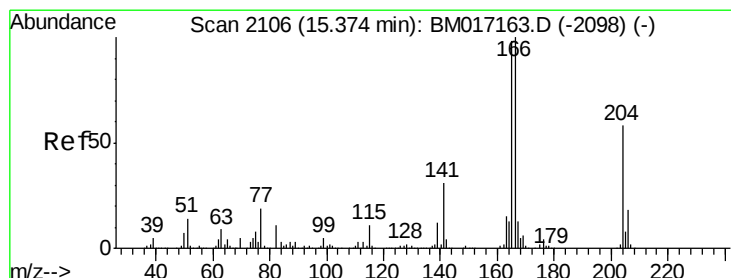
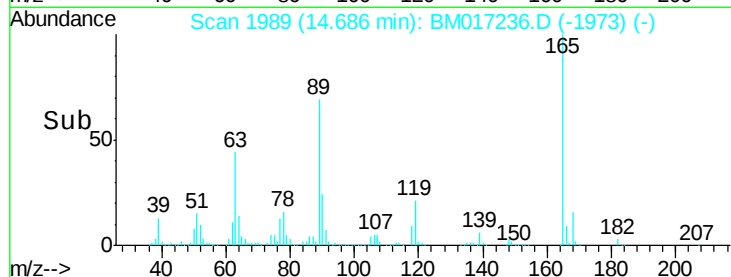
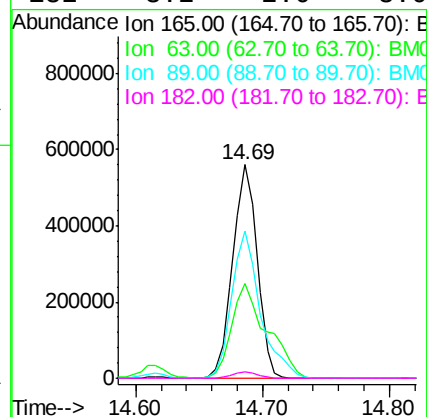
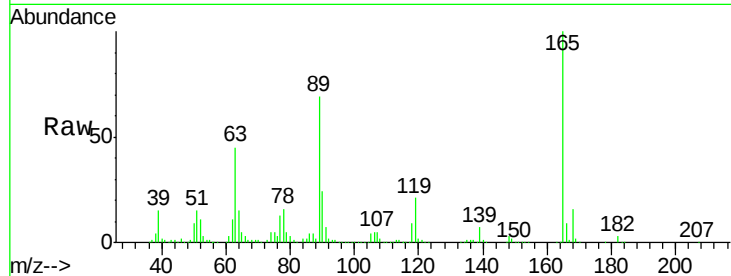
#57
2,4-Dinitrotoluene
Concen: 41.879 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	745690		
63	44.6	33.8	50.8	
89	69.1	53.1	79.7	
182	3.2	2.0	3.0	

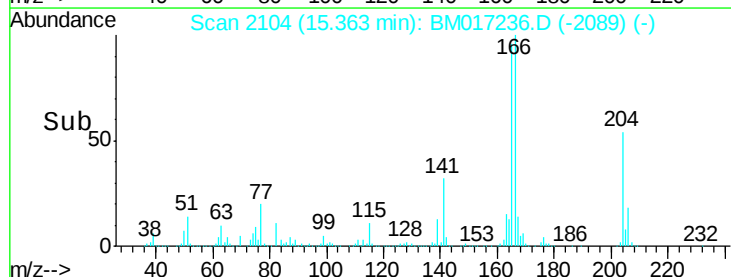
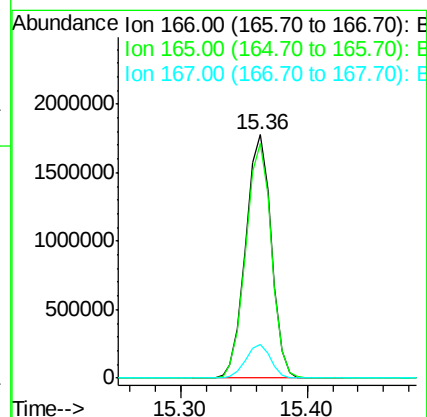
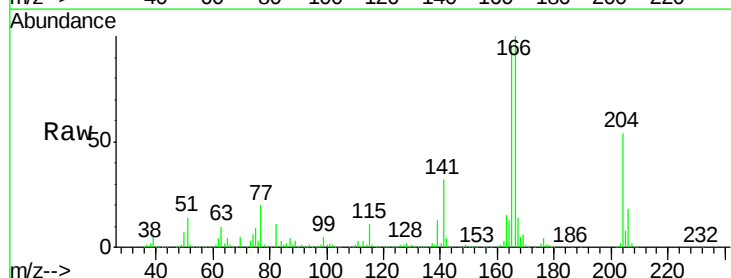
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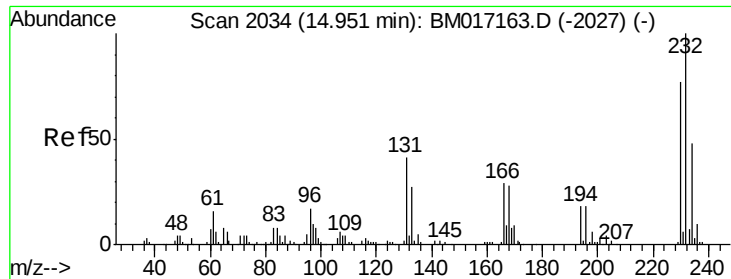
Sohil
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#58
Fluorene
Concen: 42.967 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2486107		
165	96.3	78.1	117.1	
167	13.6	10.6	16.0	





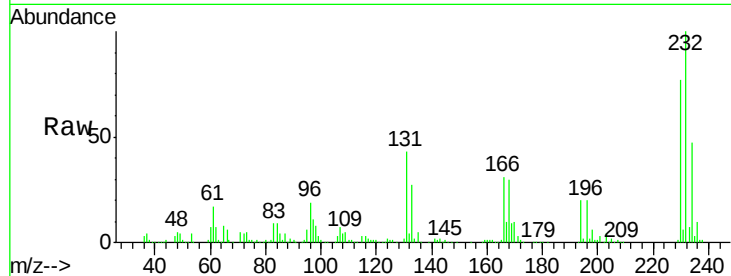
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.028 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

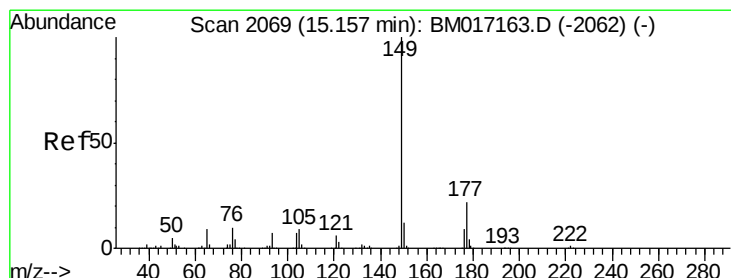
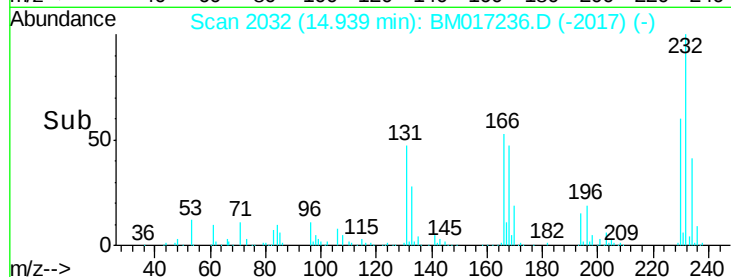
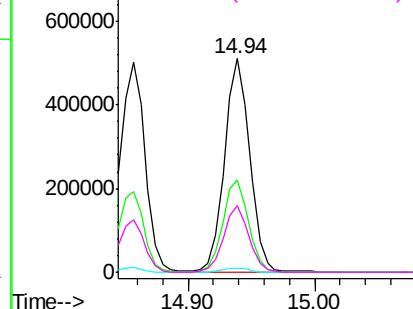
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	702002		
131	43.7		33.1	49.7
130	2.2		1.7	2.5
166	31.2		24.4	36.6

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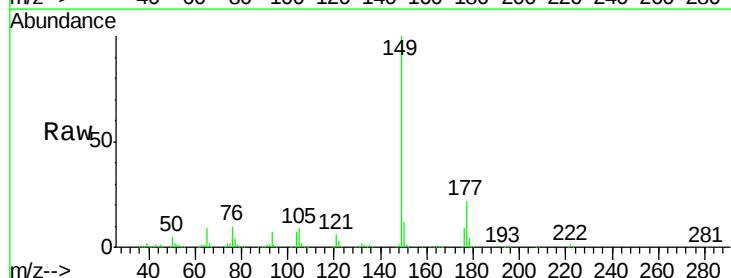


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

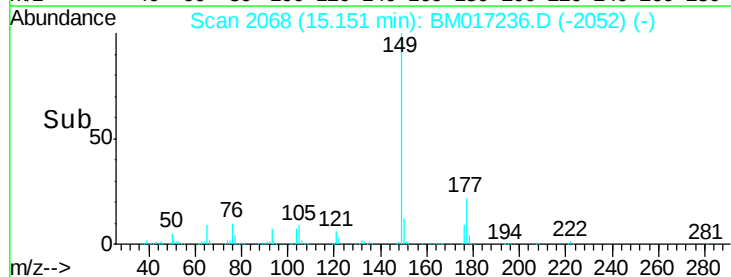
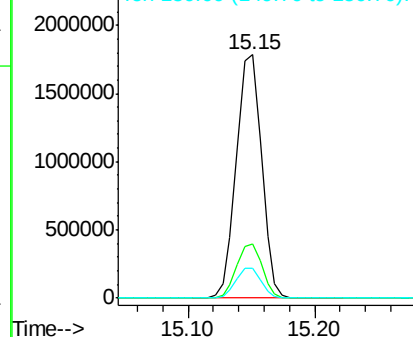


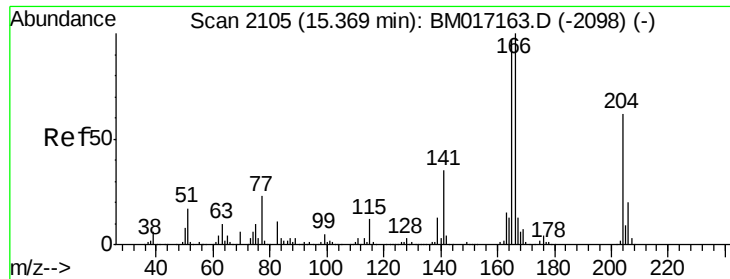
#60
Diethylphthalate
Concen: 41.134 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2455467		
177	22.5		17.7	26.5
150	12.3		10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 39.028 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB113945BS

Tgt Ion:204 Resp: 1287404

Ion Ratio Lower Upper

204 100

206 32.9 26.1 39.1

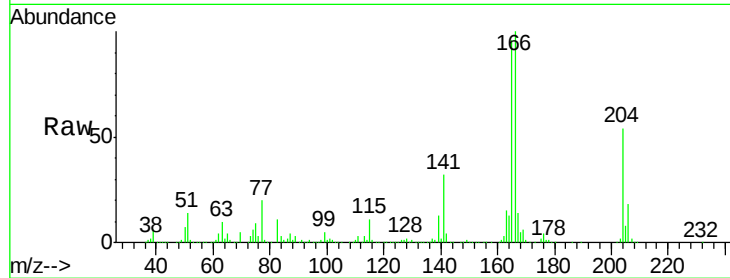
141 58.5 45.4 68.2

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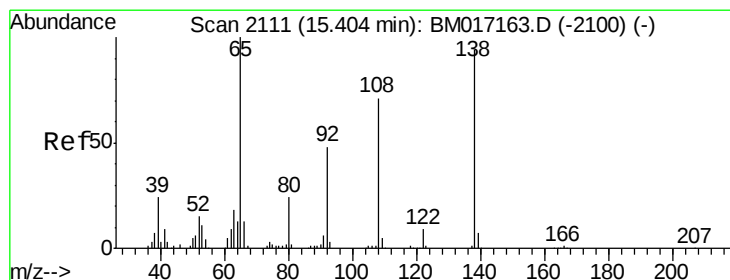
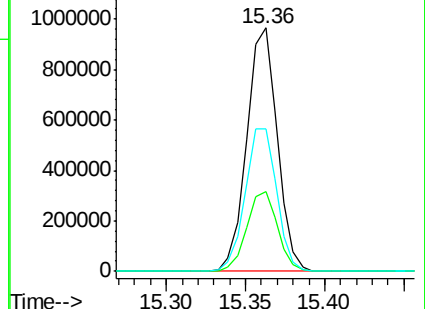
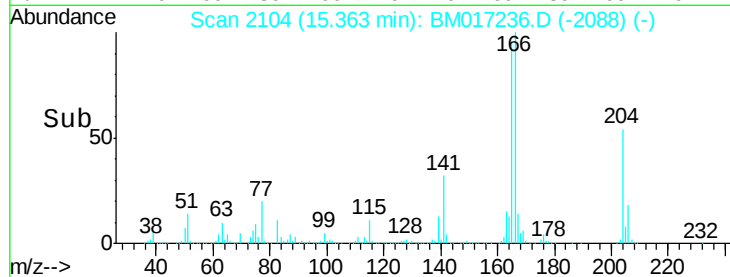
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Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 34.553 ng

RT: 15.40 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

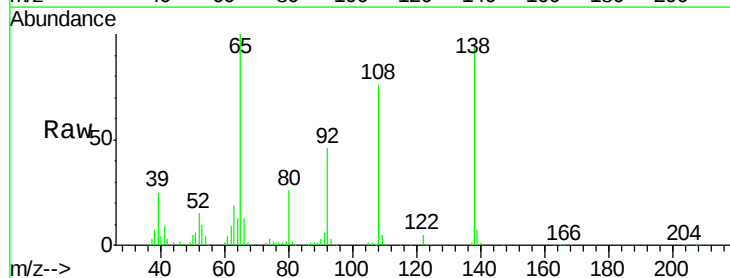
Tgt Ion:138 Resp: 529604

Ion Ratio Lower Upper

138 100

92 48.6 31.2 71.2

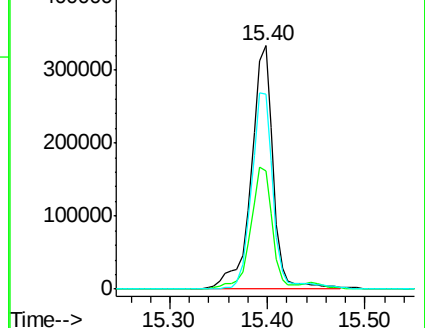
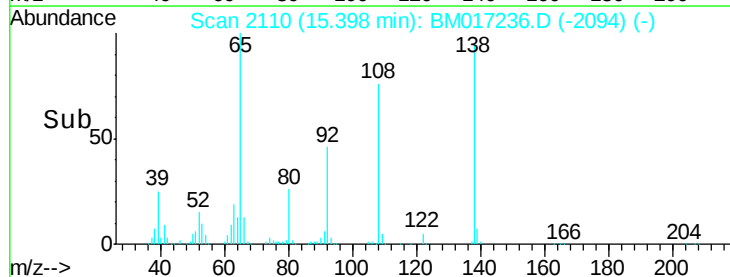
108 80.1 55.5 95.5

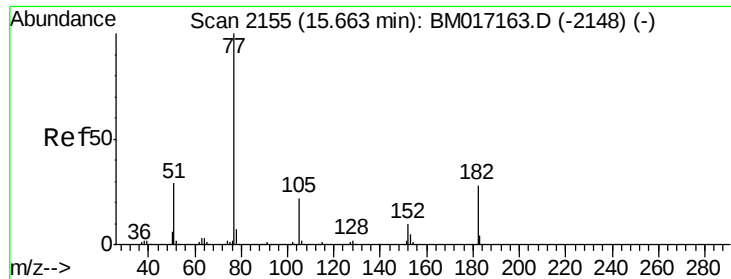


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





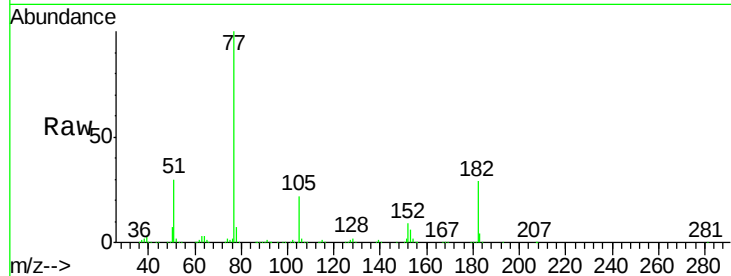
#63
Azobenzene
Concen: 41.444 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

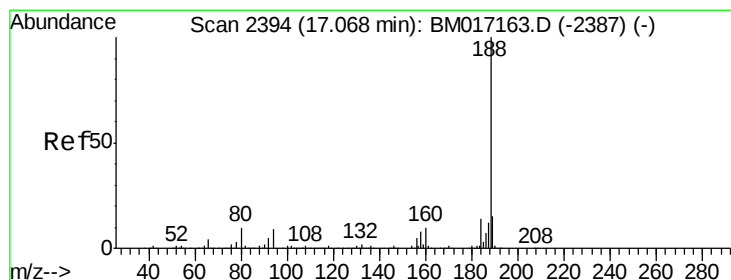
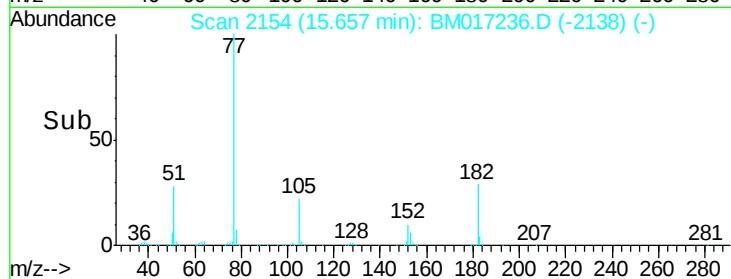
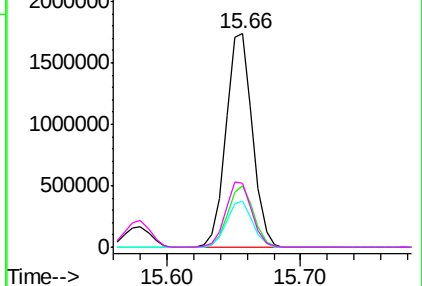
Tgt Ion: 77 Resp: 2404642
Ion Ratio Lower Upper
77 100
182 28.7 8.3 48.3
105 21.7 1.5 41.5
51 30.0 8.8 48.8

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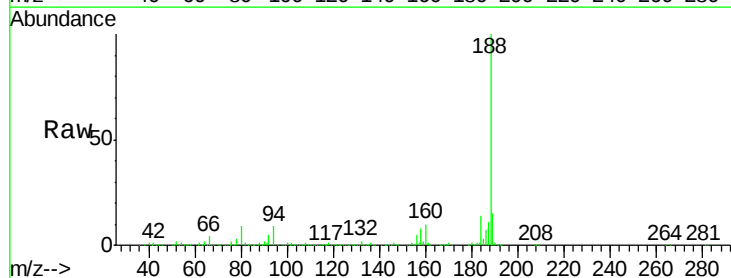


Abundance Ion 77.00 (76.70 to 77.70): BM017236.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017236.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017236.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017236.D (-2148) (-)

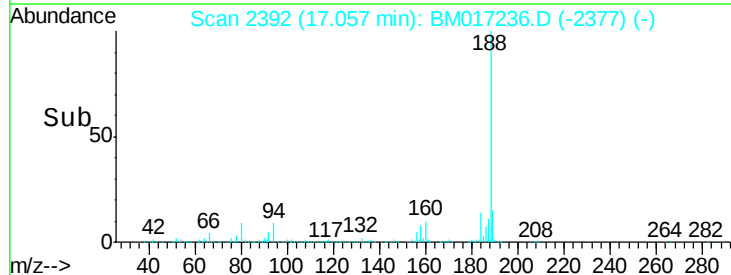
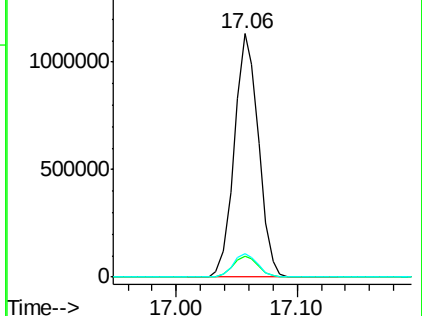


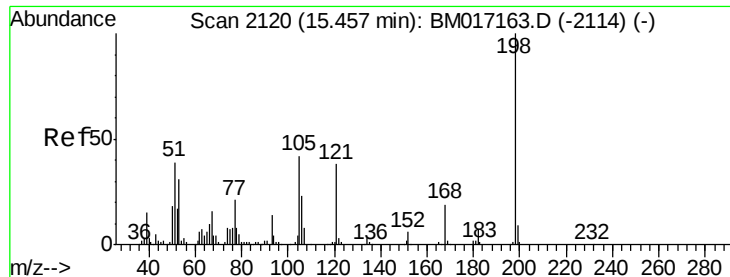
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion: 188 Resp: 1578046
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017236.D (-2387) (-)
Ion 94.00 (93.70 to 94.70): BM017236.D (-2387) (-)
Ion 80.00 (79.70 to 80.70): BM017236.D (-2387) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 41.534 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

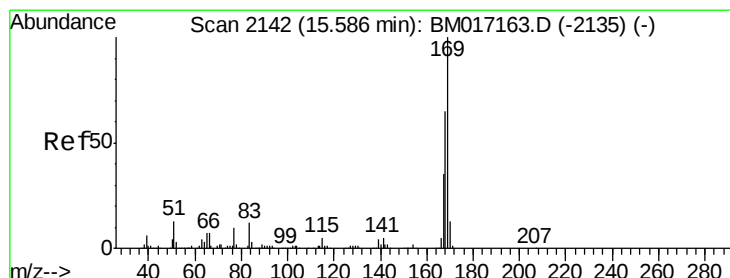
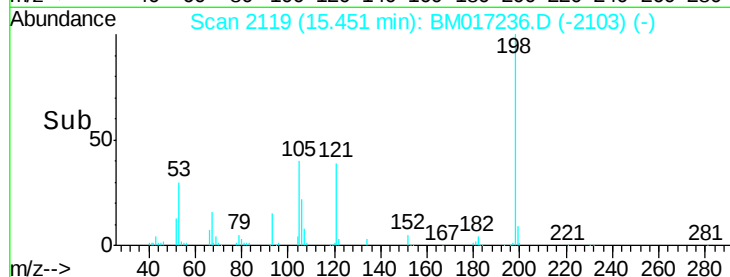
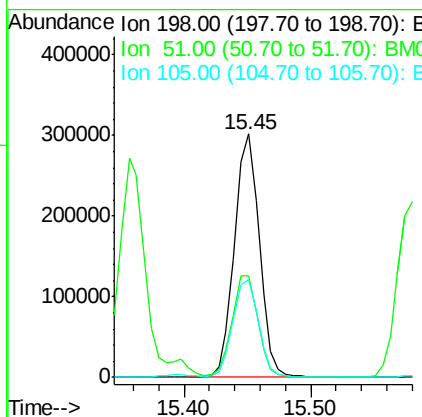
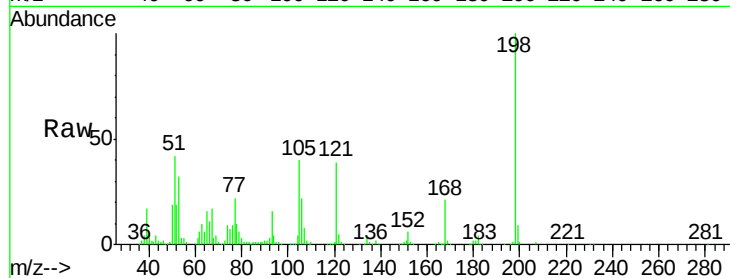
ClientSampleId :

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Tgt Ion:	198	Resp:	409696
Ion Ratio	Lower	Upper	
198	100		
51	41.7	20.3	60.3
105	39.9	21.9	61.9

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#66

n-Nitrosodiphenylamine

Concen: 45.409 ng

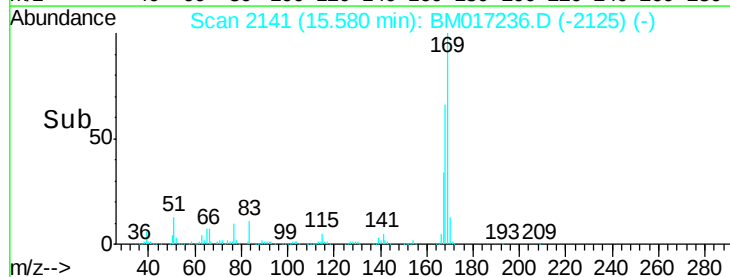
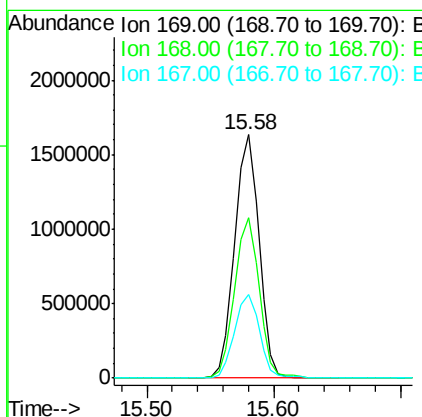
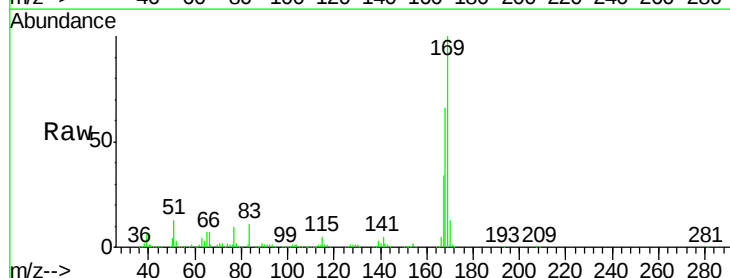
RT: 15.58 min Scan# 2141

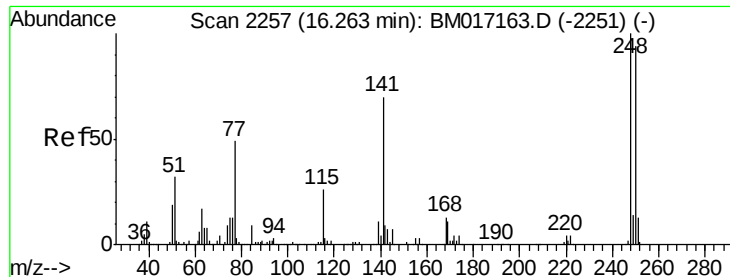
Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Tgt Ion:	169	Resp:	2167963
Ion Ratio	Lower	Upper	
169	100		
168	65.8	52.2	78.4
167	34.4	28.4	42.6





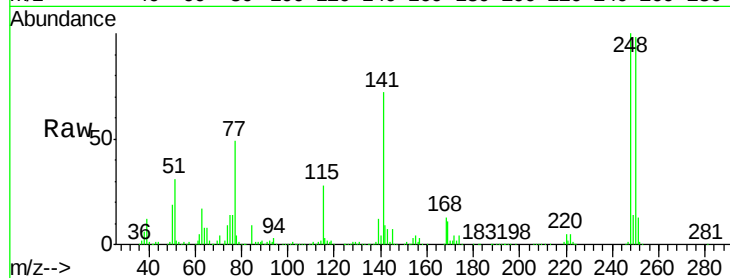
#67
4-Bromophenyl-phenylether
Concen: 46.586 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

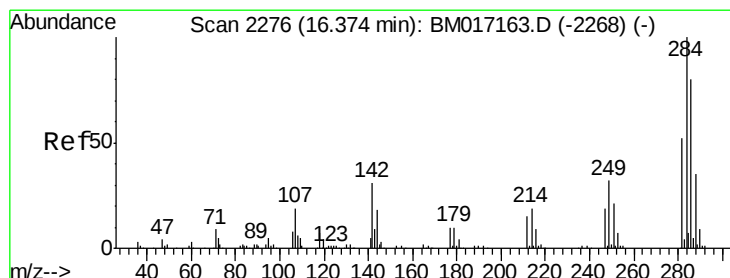
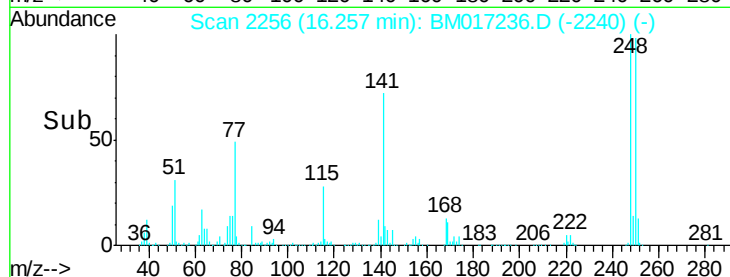
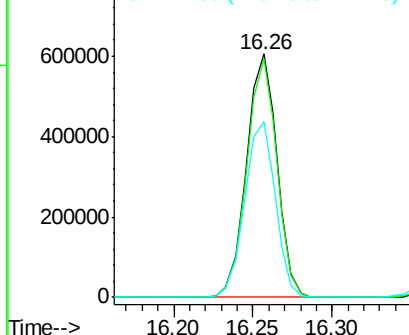
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	75.1	112.7
141	72.2	55.6	83.4

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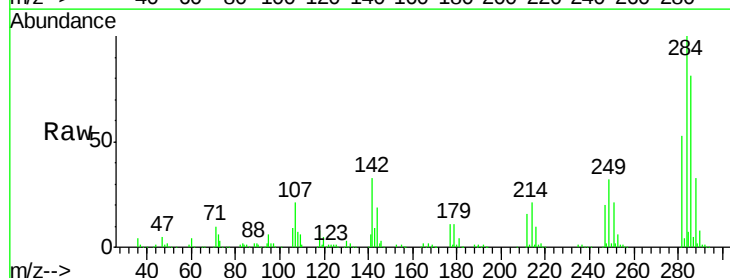


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

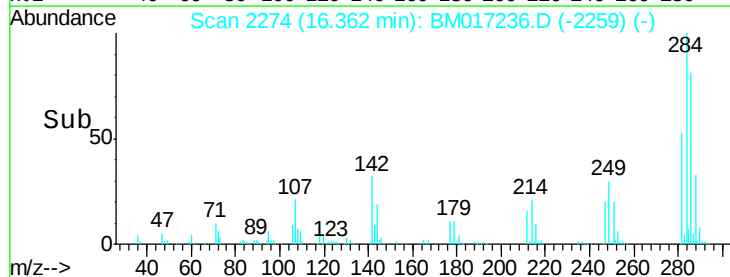
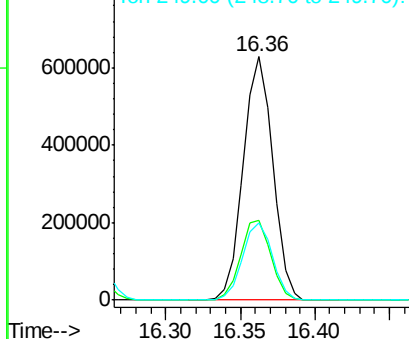


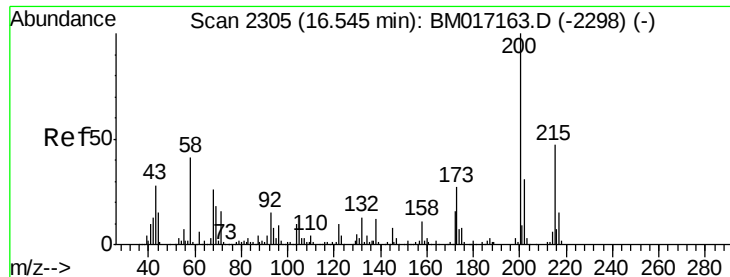
#68
Hexachlorobenzene
Concen: 42.633 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.0	37.6
249	31.7	25.5	38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.773 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

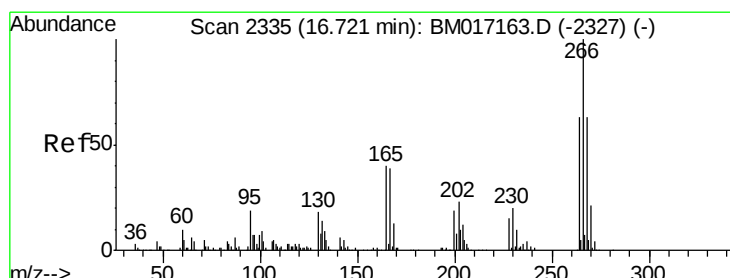
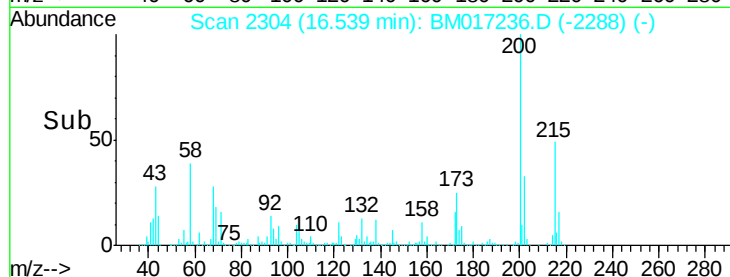
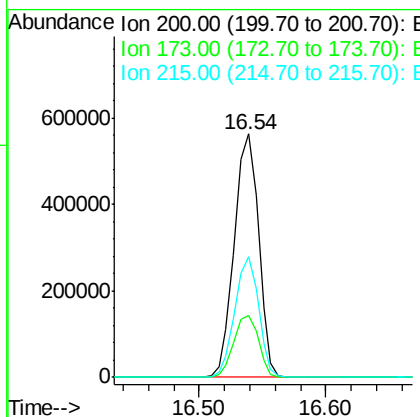
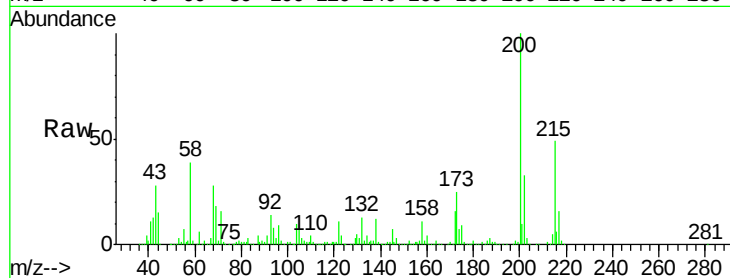
ClientSampleId :

PB113945BS

Tgt Ion:	200	Resp:	747983
Ion Ratio	Lower	Upper	
200	100		
173	25.4	7.0	47.0
215	49.5	27.3	67.3

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#70

Pentachlorophenol

Concen: 70.987 ng

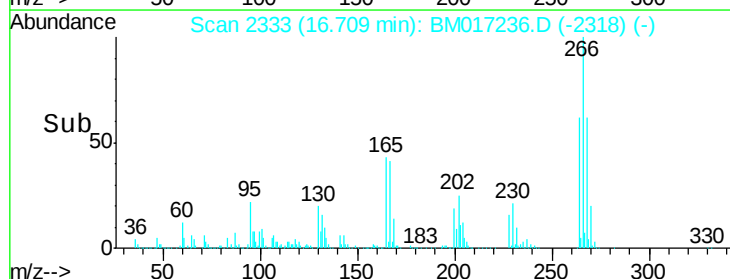
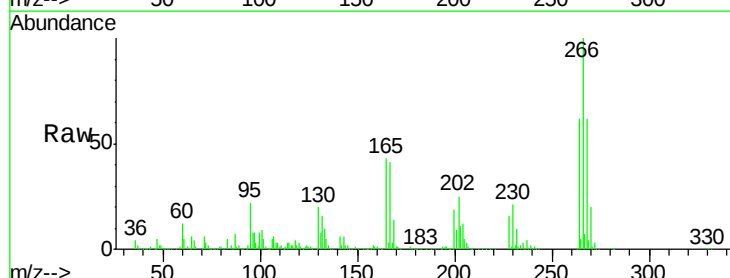
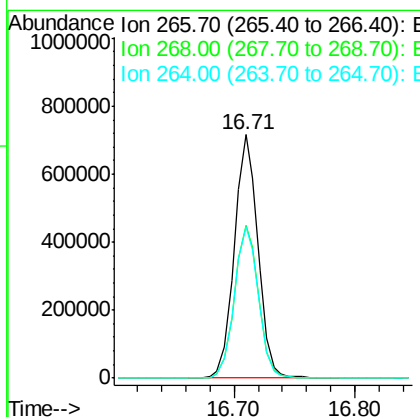
RT: 16.71 min Scan# 2333

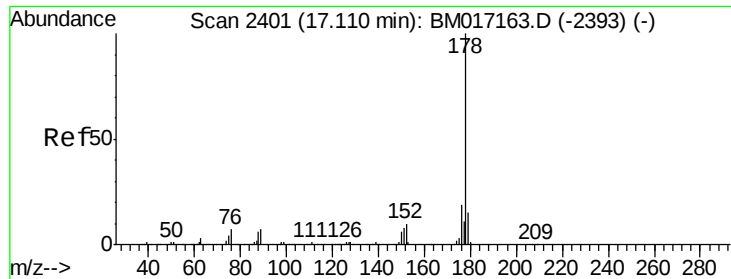
Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Tgt Ion:	266	Resp:	978746
Ion Ratio	Lower	Upper	
266	100		
268	62.5	50.7	76.1
264	62.4	50.4	75.6





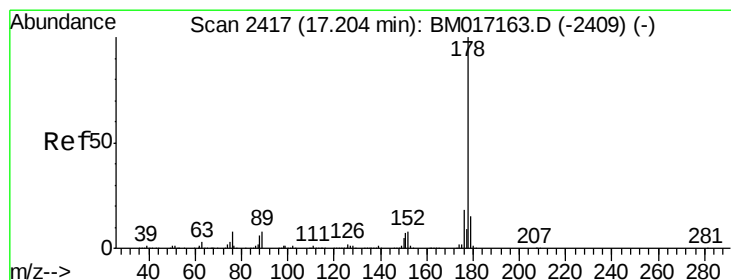
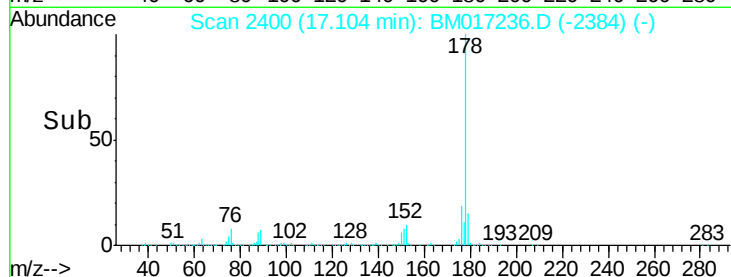
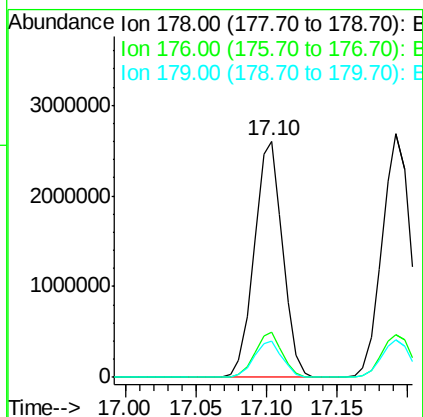
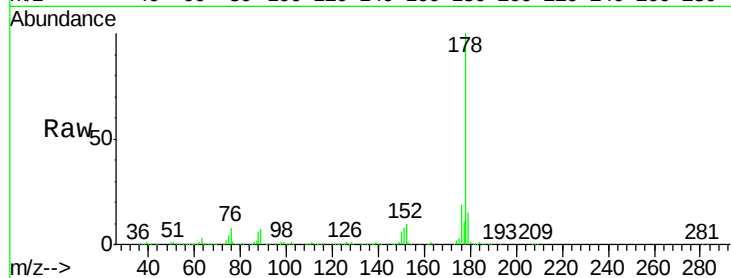
#71
Phenanthrene
Concen: 43.215 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion:178 Resp: 3679346
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.2 12.3 18.5

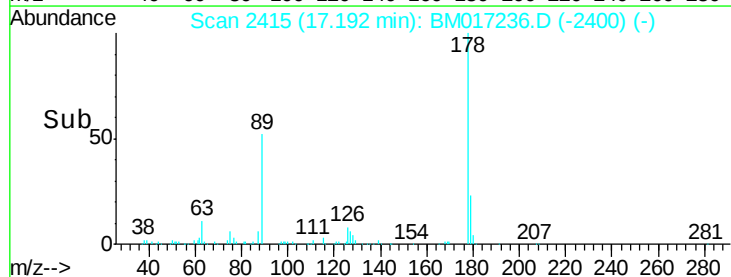
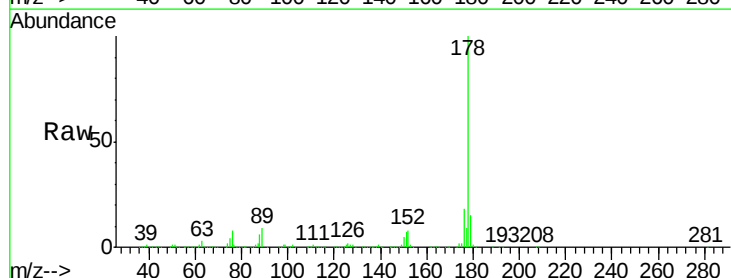
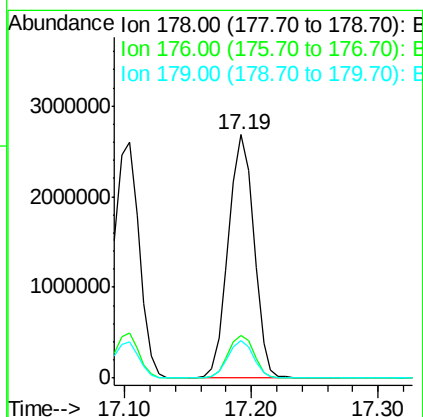
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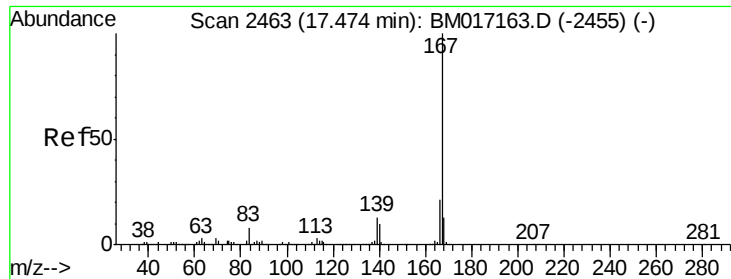
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#72
Anthracene
Concen: 46.396 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:178 Resp: 3753373
Ion Ratio Lower Upper
178 100
176 17.7 14.5 21.7
179 15.4 12.2 18.2





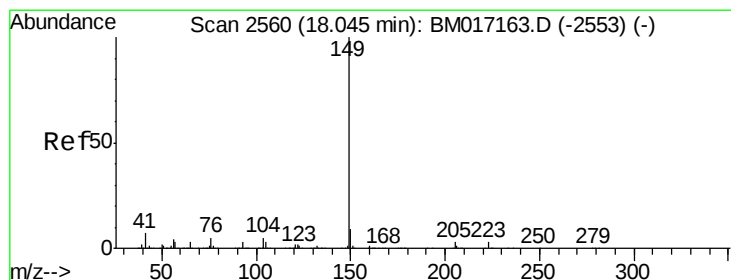
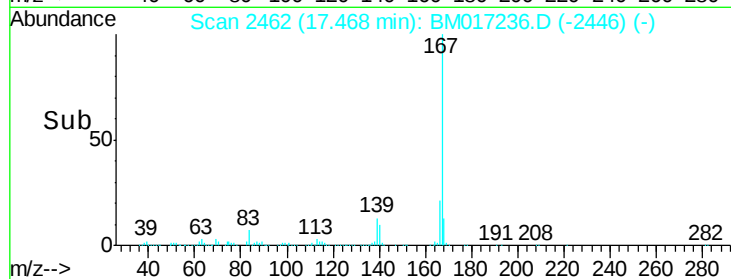
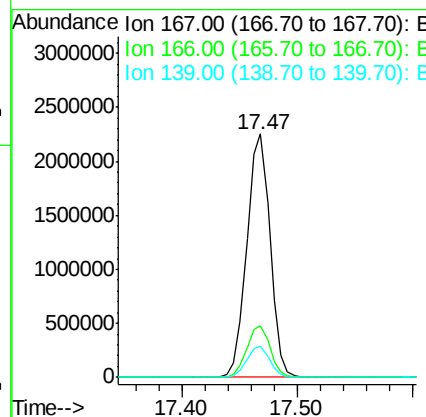
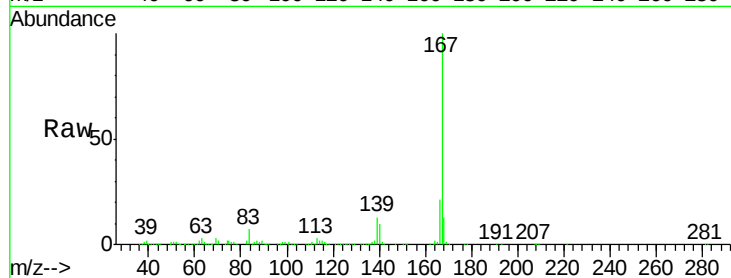
#73
 Carbazole
 Concen: 38.126 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Instrument :
 BNA_M
 ClientSampleId :
 PB113945BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.8	10.1	15.1

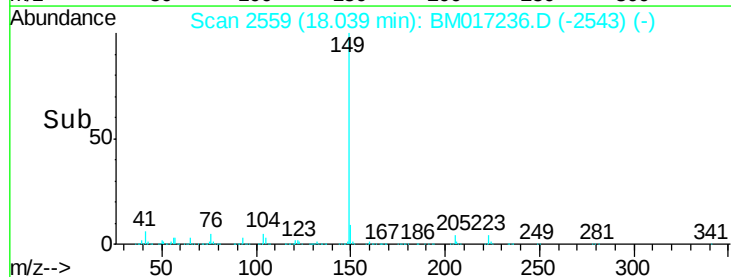
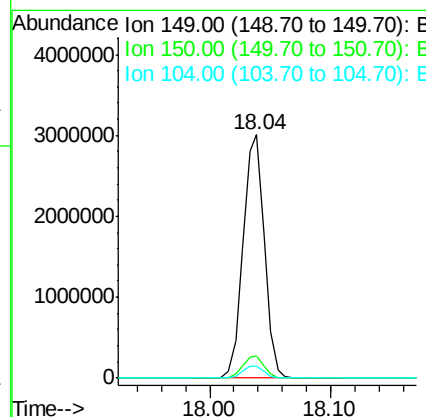
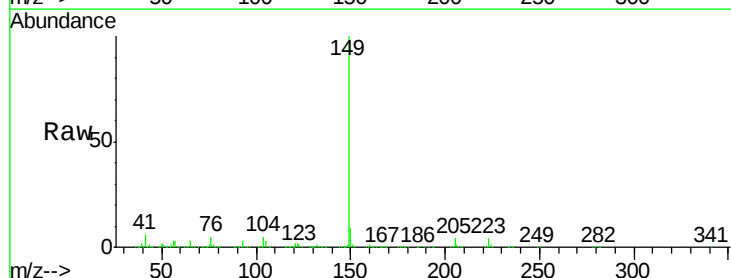
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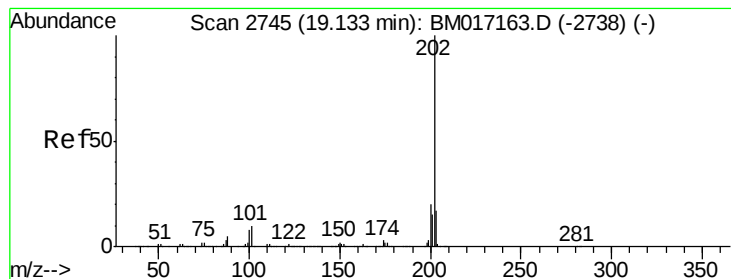
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#74
 Di-n-butylphthalate
 Concen: 42.263 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 39.359 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

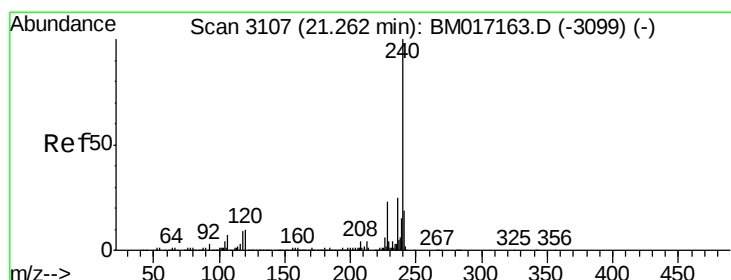
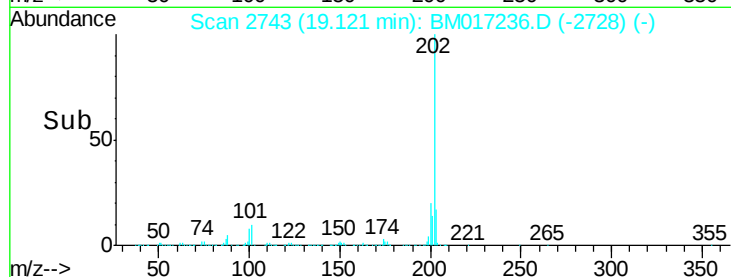
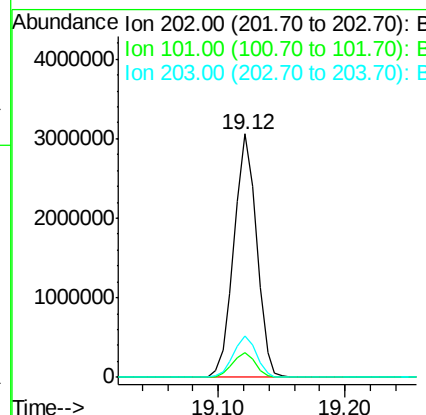
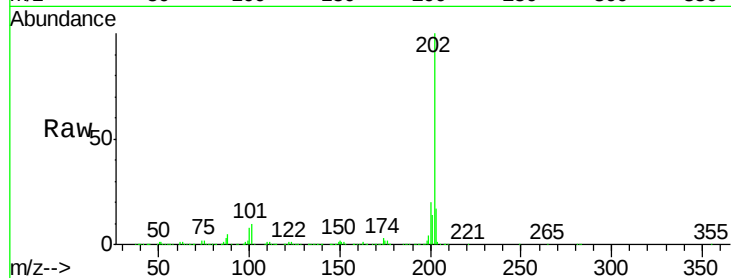
ClientSampleId :

PB113945BS

Tgt Ion:	202	Resp:	3770787
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.0
203	17.2	0.0	37.2

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

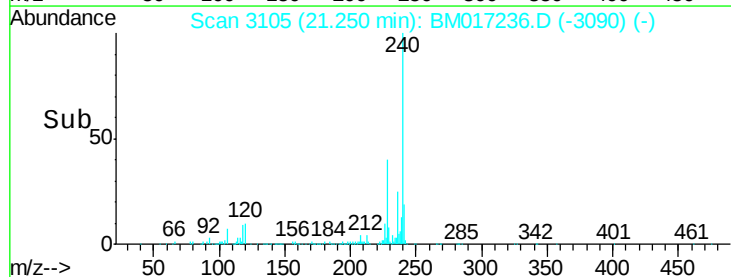
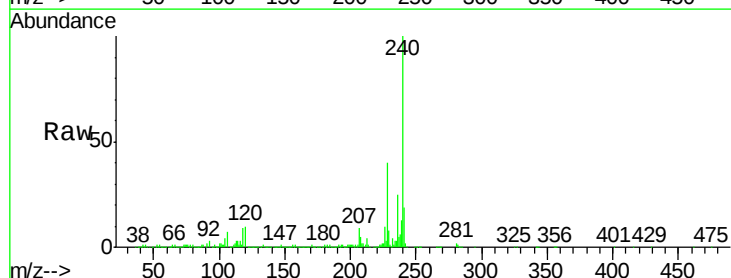
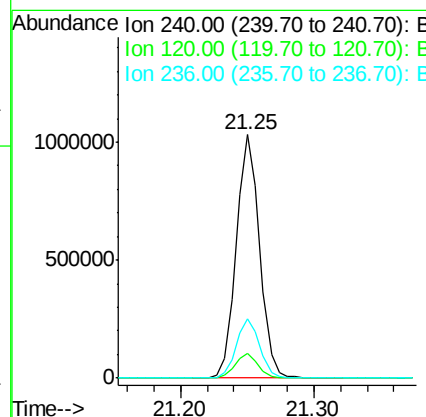
RT: 21.25 min Scan# 3105

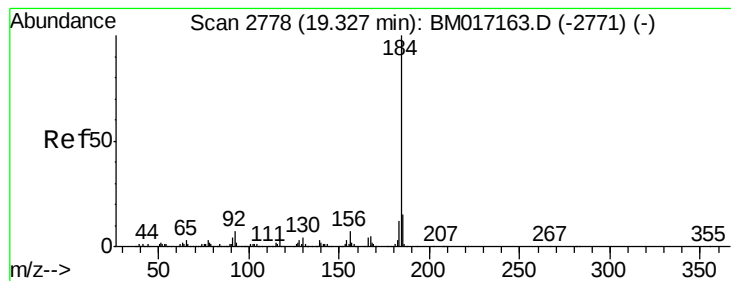
Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Tgt Ion:	240	Resp:	1257354
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	24.6	19.9	29.9





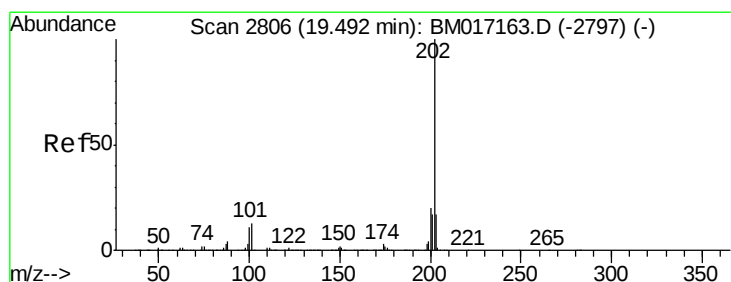
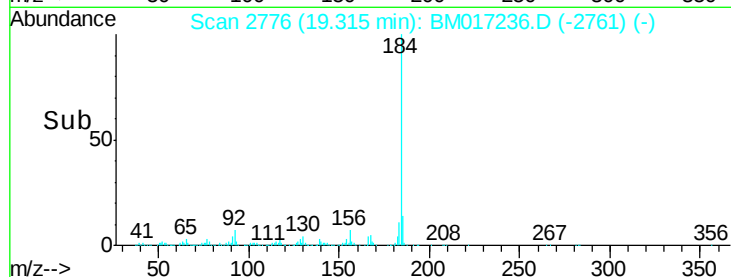
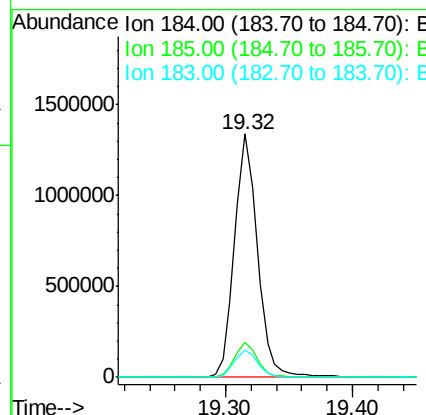
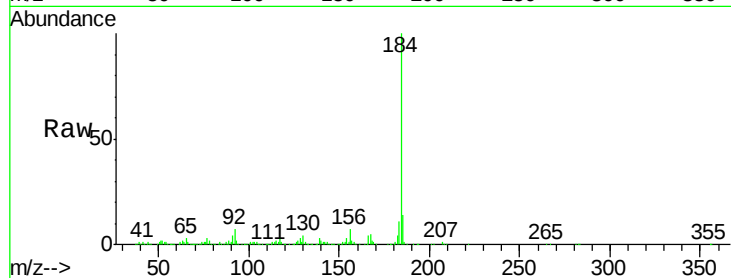
#77
Benzidine
Concen: 52.815 ng
RT: 19.32 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.8
183	11.4	9.7	14.5

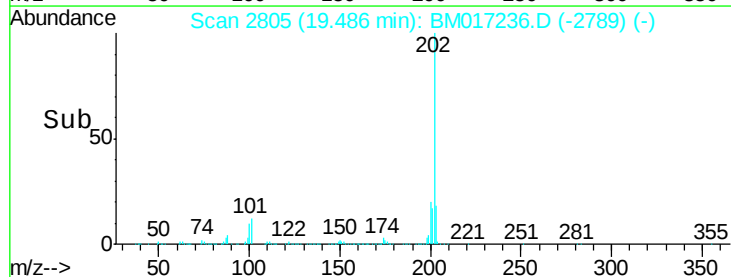
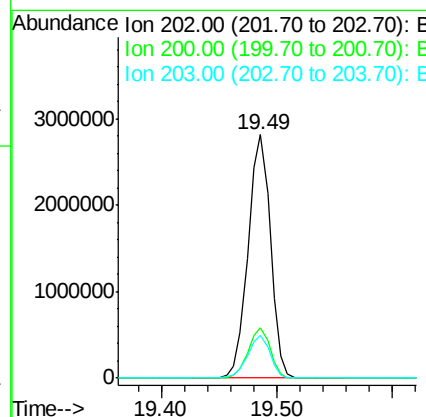
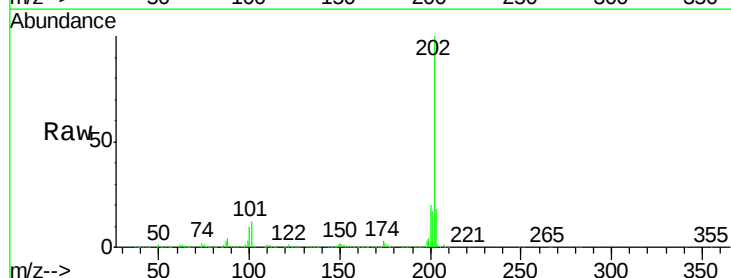
Manual Integrations
APPROVED

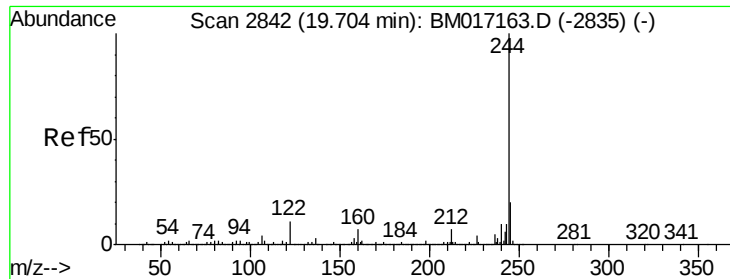
Sohil
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#78
Pyrene
Concen: 53.881 ng
RT: 19.49 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.6	13.9	20.9





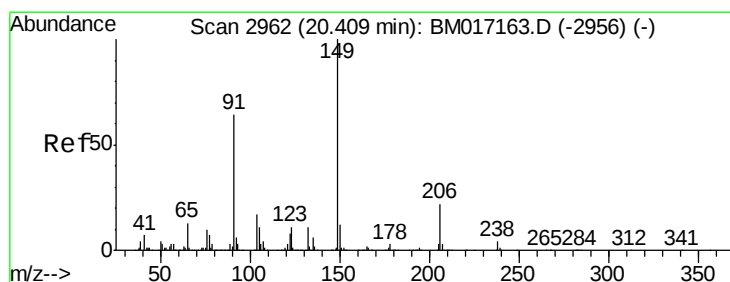
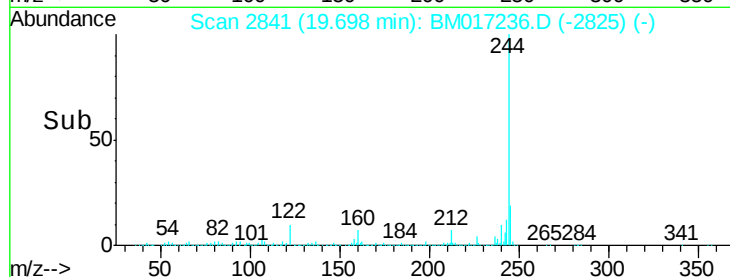
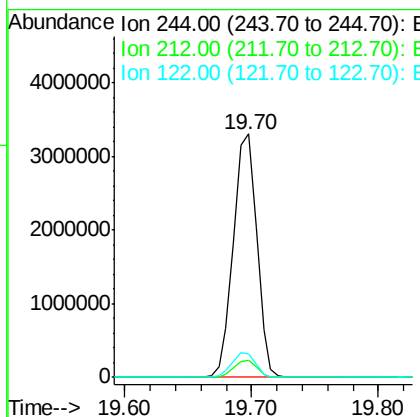
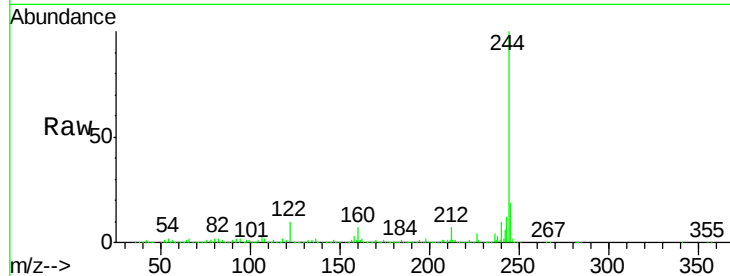
#79
 Terphenyl-d14
 Concen: 75.541 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Instrument :
 BNA_M
 ClientSampleId :
 PB113945BS

Tgt Ion:244 Resp: 4213922
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 9.7 8.4 12.6

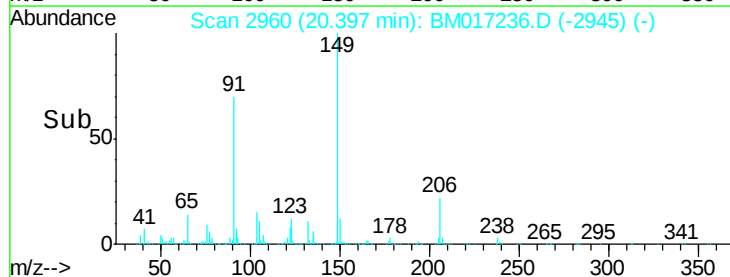
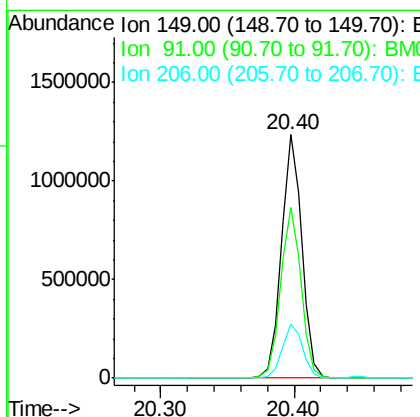
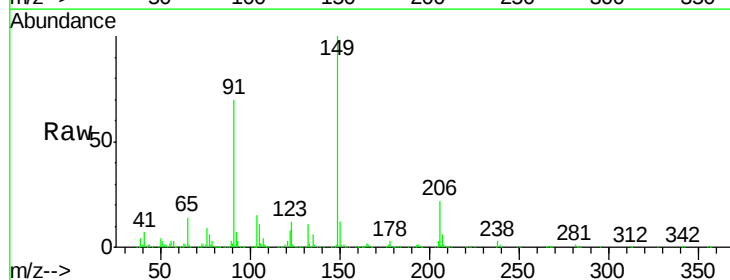
Manual Integrations
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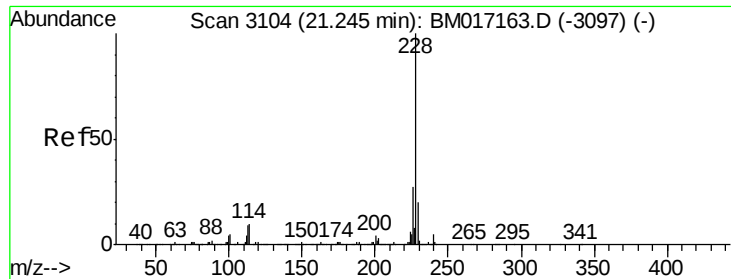
Sohil
 10/22/2018 1:09:22 PM



#80
 Butylbenzylphthalate
 Concen: 49.424 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Tgt Ion:149 Resp: 1328354
 Ion Ratio Lower Upper
 149 100
 91 70.0 51.3 76.9
 206 22.3 18.0 27.0





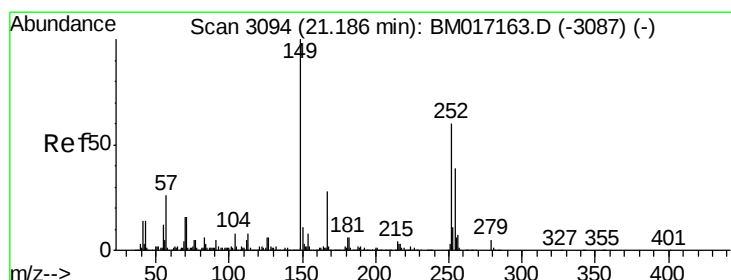
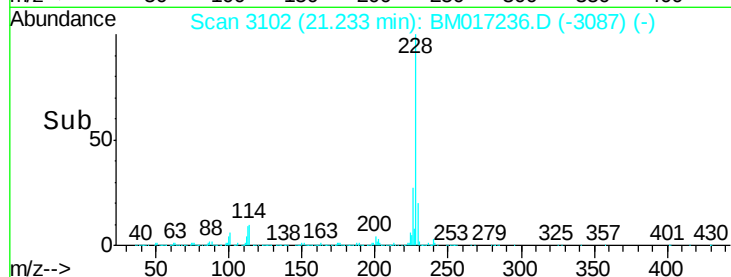
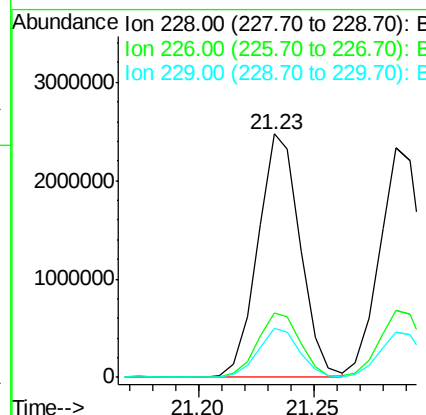
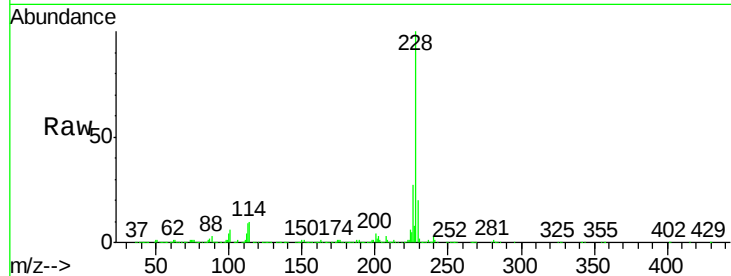
#81
Benzo(a)anthracene
Concen: 44.645 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion: 228 Resp: 3158954
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 20.1 15.9 23.9

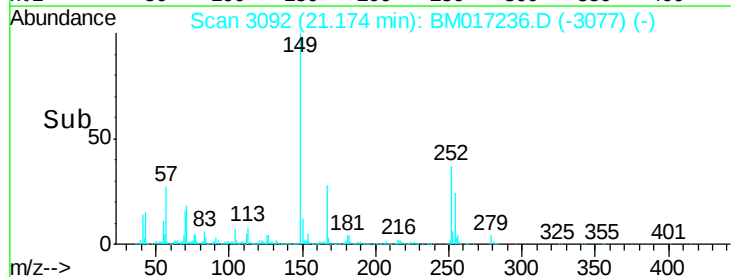
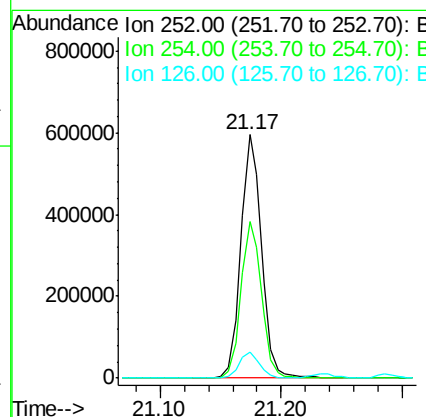
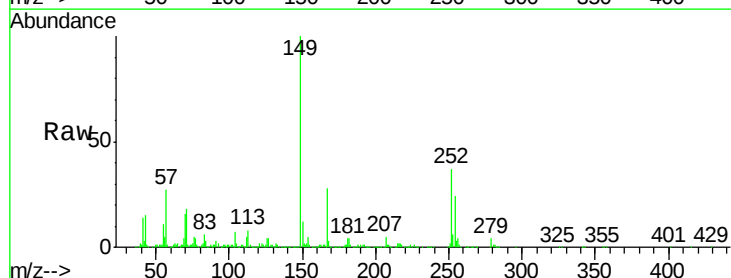
Manual Integrations
APPROVED

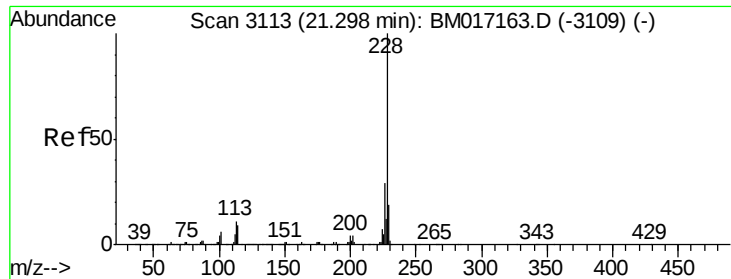
Sohil
10/22/2018 1:09:22 PM



#82
3,3'-Dichlorobenzidine
Concen: 27.052 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion: 252 Resp: 713389
Ion Ratio Lower Upper
252 100
254 64.1 52.1 78.1
126 10.8 8.6 12.8





#83

Chrysene

Concen: 42.368 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB113945BS

Tgt Ion:228 Resp: 2967199

Ion Ratio Lower Upper

228 100

226 29.3 23.3 34.9

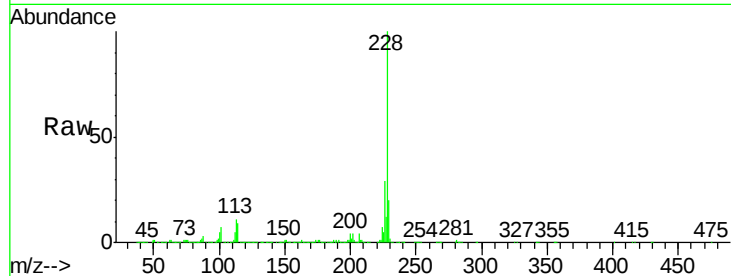
229 19.7 15.6 23.4

Manual Integrations

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Sohil

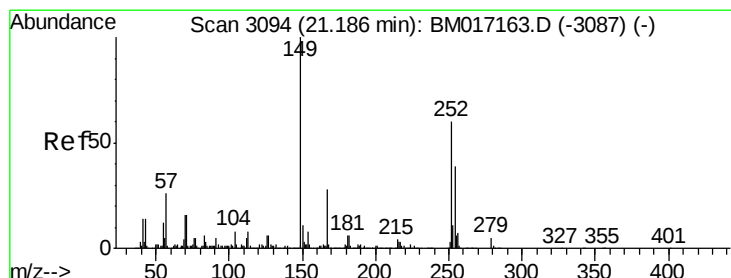
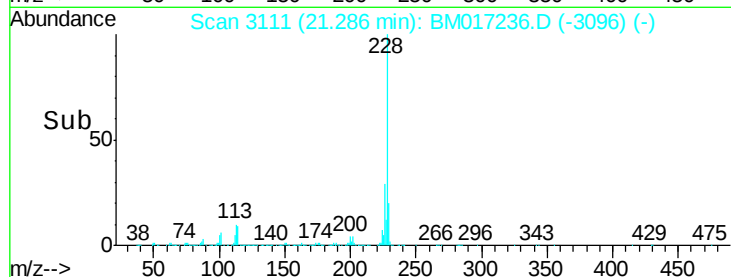
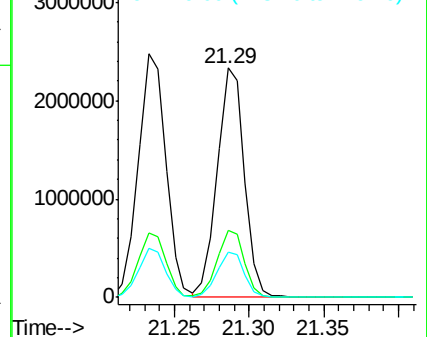
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.765 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

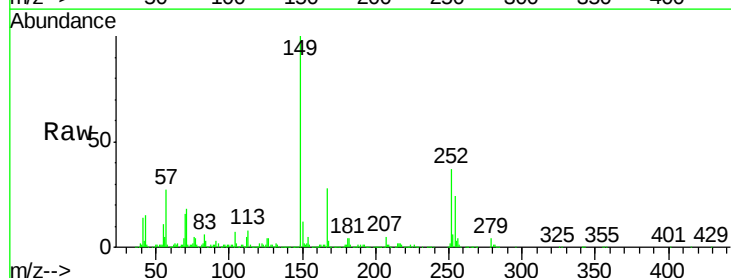
Tgt Ion:149 Resp: 1815075

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

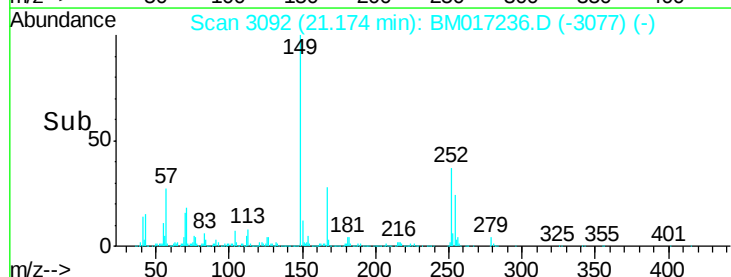
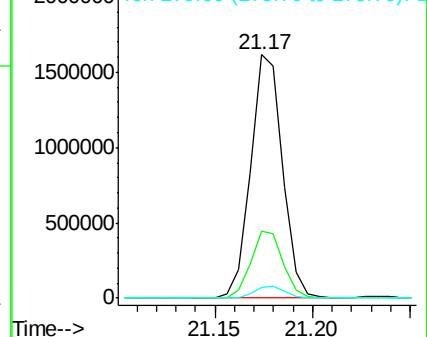
279 4.3 3.6 5.4

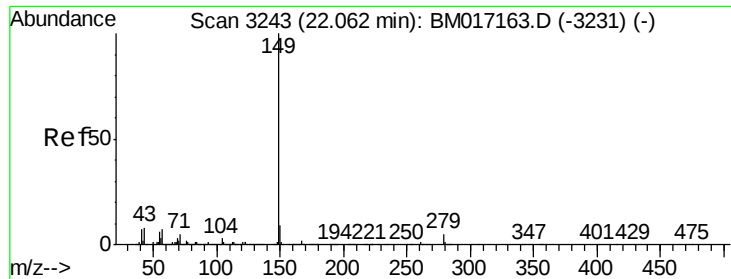


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.755 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB113945BS

Tgt Ion:149 Resp: 2758935

Ion Ratio Lower Upper

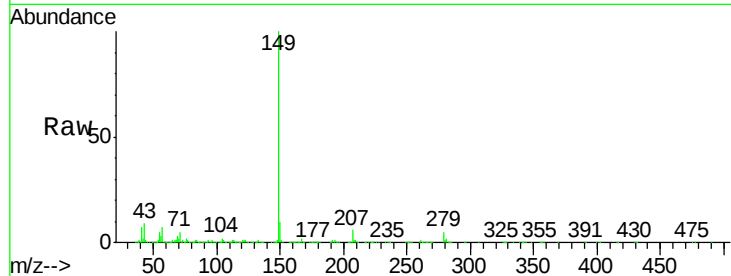
149 100

167 1.6 1.4 2.0

43 9.0 7.2 10.8

Manual Integrations
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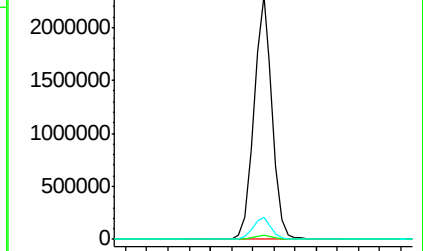
Sohil
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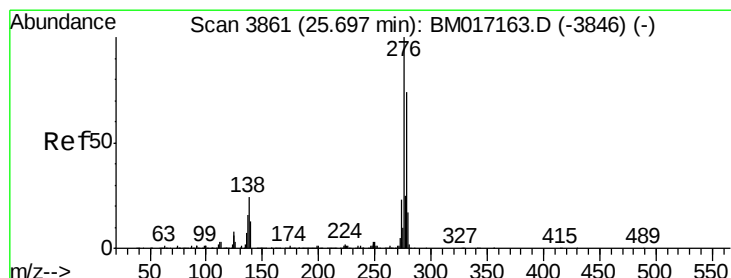
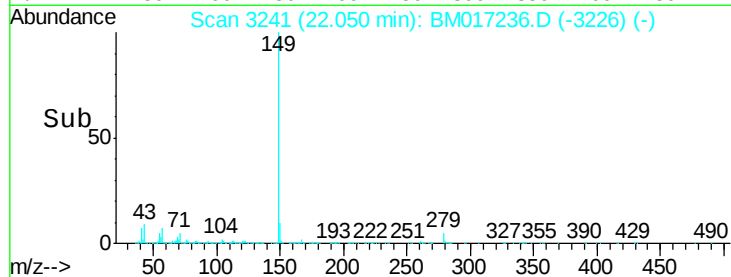
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.413 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

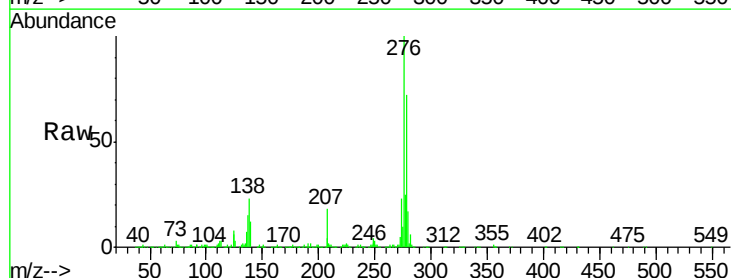
Tgt Ion:276 Resp: 2695672

Ion Ratio Lower Upper

276 100

138 22.7 19.5 29.3

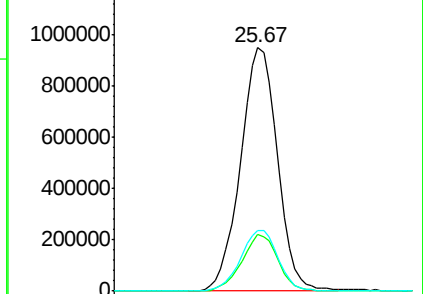
277 25.3 20.1 30.1



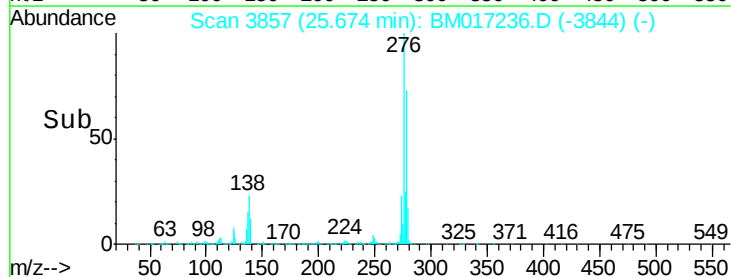
Abundance Ion 276.00 (275.70 to 276.70): E

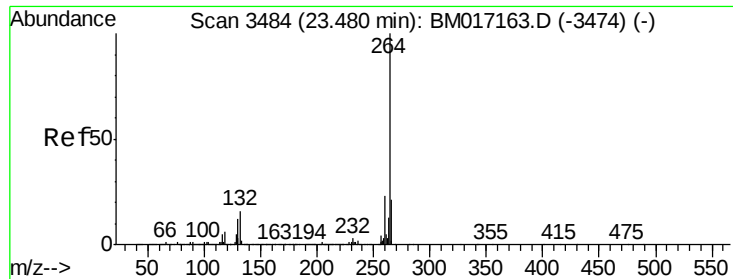
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB113945BS

Tgt Ion:264 Resp: 1026342

Ion Ratio Lower Upper

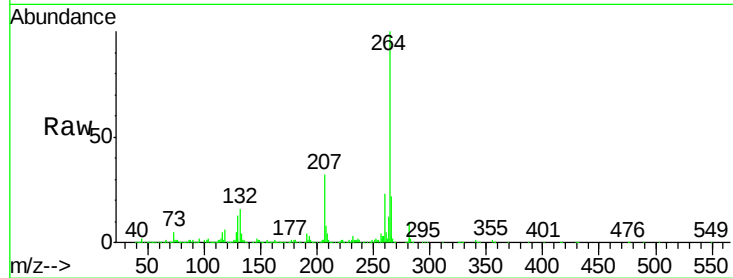
264 100

260 23.1 18.6 27.8

265 22.4 17.8 26.8

Manual Integrations
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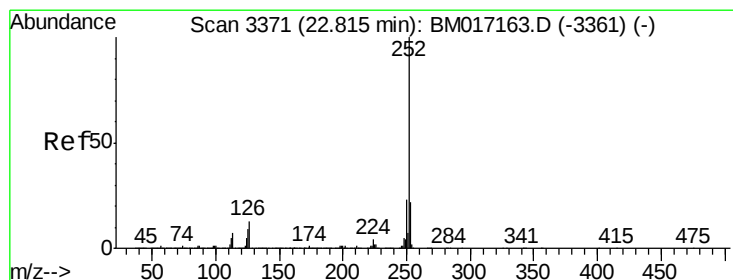
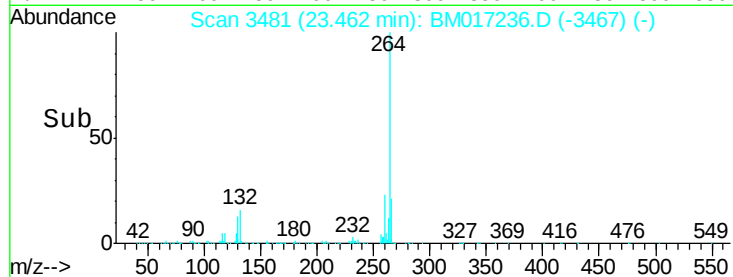
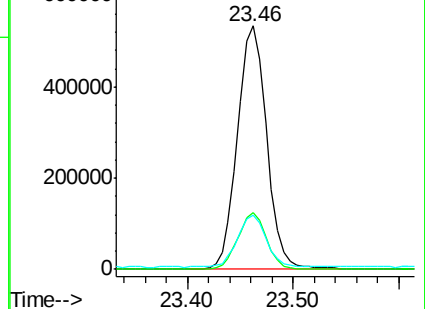
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.561 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

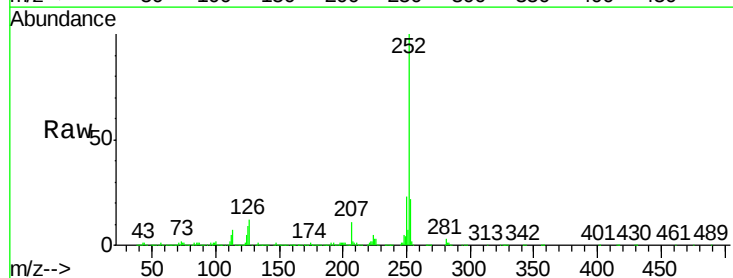
Tgt Ion:252 Resp: 2612703

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

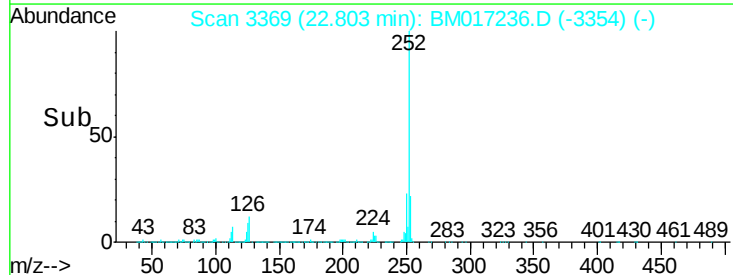
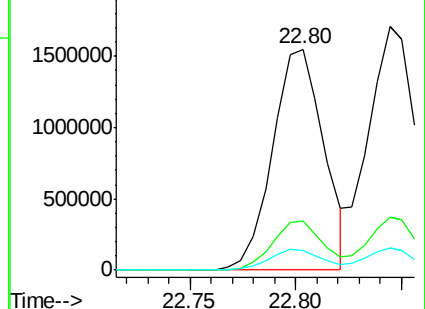
125 8.9 7.5 11.3

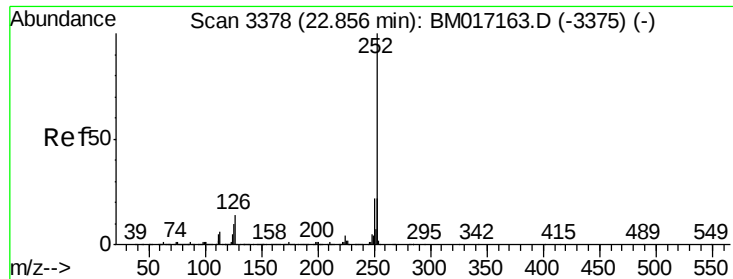


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





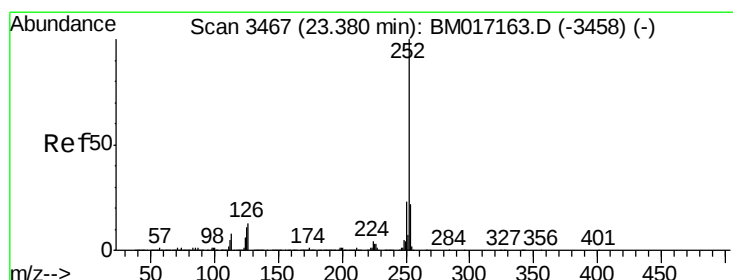
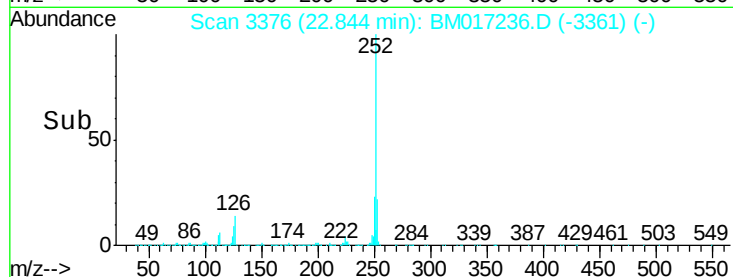
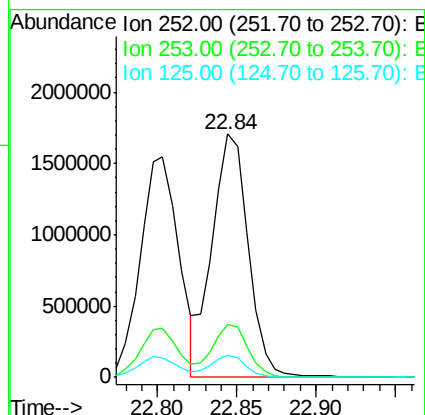
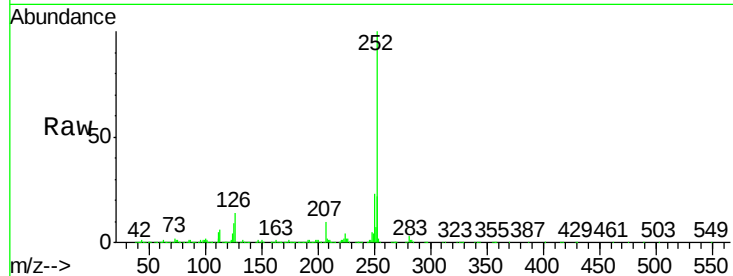
#89
Benzo(k)fluoranthene
Concen: 47.689 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB113945BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.3	8.2	12.2

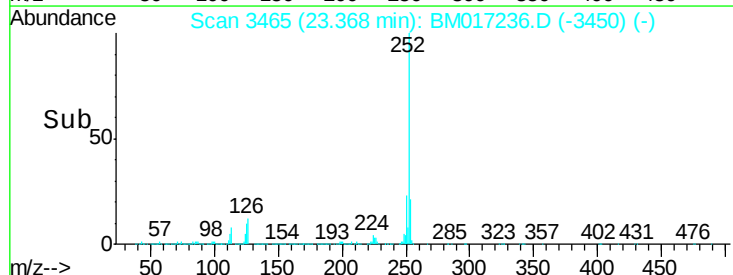
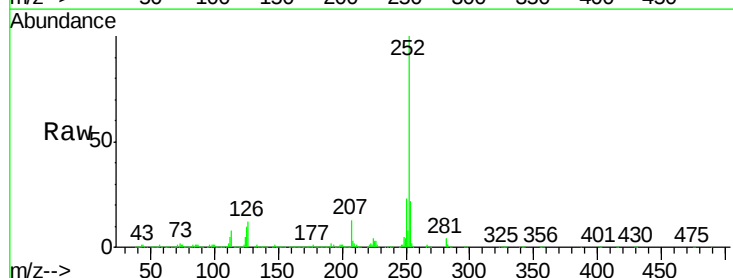
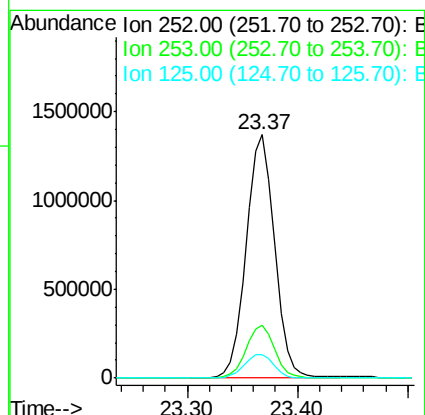
Manual Integrations
APPROVED

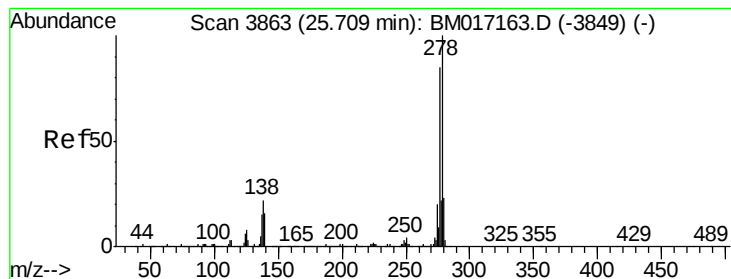
Sohil
10/22/2018 1:09:22 PM



#90
Benzo(a)pyrene
Concen: 46.546 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	9.8	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.096 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB113945BS

Tgt Ion:278 Resp: 2279936

Ion Ratio Lower Upper

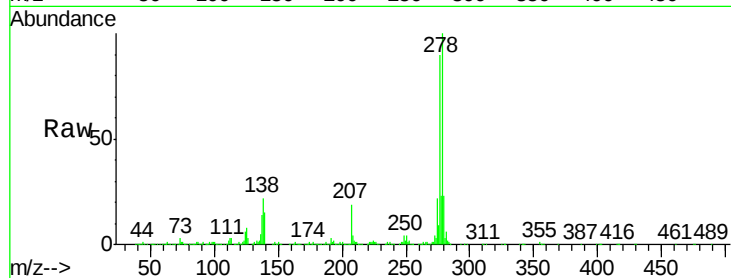
278 100

139 14.8 12.7 19.1

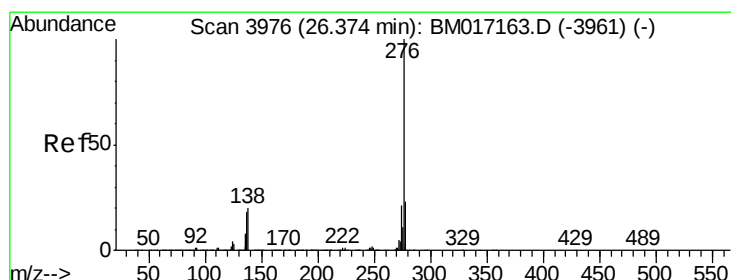
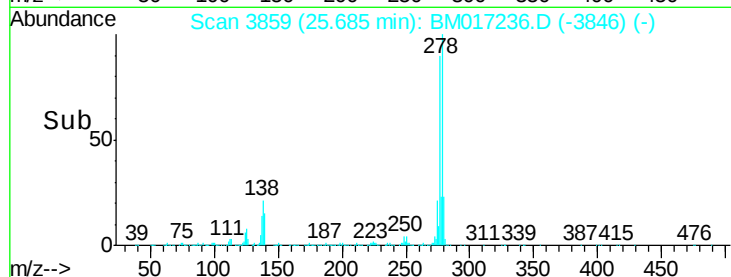
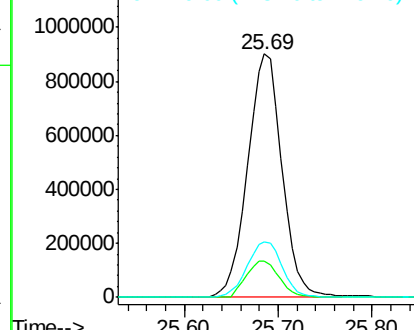
279 23.0 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:22 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.800 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

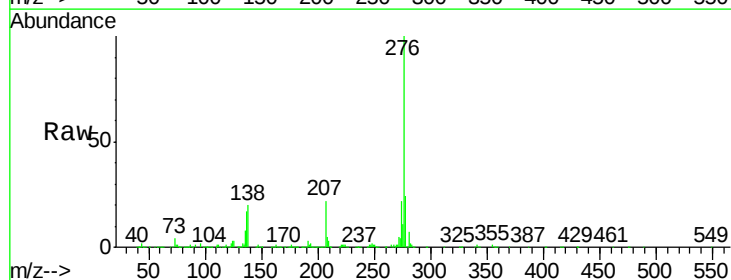
Tgt Ion:276 Resp: 2244156

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 20.2 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

