

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017304.D
 Acq On : 24 Oct 2018 06:43
 Operator : MJ/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 07:15:52 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	7.66	152	291092	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1268477	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	743036	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1750304	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	1961789	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1740622	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1477450	85.84	ng	-0.01
7) Phenol-d6	6.85	99	2047303	87.34	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1972745	90.96	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	948853	94.43	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4742525	84.92	ng	-0.02
79) Terphenyl-d14	19.69	244	7758921	89.15	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	332824	37.870	ng	89
3) Pyridine	3.64	79	846233	41.848	ng	# 87
4) n-Nitrosodimethylamine	3.56	42	326109	40.172	ng	# 73
6) Aniline	7.00	93	1255778	42.832	ng	98
8) 2-Chlorophenol	7.23	128	873934	43.892	ng	98
9) Benzaldehyde	6.82	77	572908	38.332	ng	96
10) Phenol	6.87	94	1073824	42.566	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	840826	41.811	ng	100
12) 1,3-Dichlorobenzene	7.55	146	977001	42.093	ng	99
13) 1,4-Dichlorobenzene	7.69	146	997179	42.051	ng	97
14) 1,2-Dichlorobenzene	8.00	146	954957	41.797	ng	100
15) Benzyl Alcohol	7.90	79	798777	46.621	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1108320	39.448	ng	99
17) 2-Methylphenol	8.10	107	714241	44.110	ng	98
18) Hexachloroethane	8.72	117	342963	42.261	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	682665	44.230	ng	96
20) 3+4-Methylphenols	8.43	107	1005542	45.404	ng	99
22) Acetophenone	8.48	105	1330221	41.370	ng	# 100
24) Nitrobenzene	8.86	77	991229	43.206	ng	96
25) Isophorone	9.38	82	1582012	44.173	ng	98
26) 2-Nitrophenol	9.56	139	507779	47.376	ng	97
27) 2,4-Dimethylphenol	9.62	122	722306	45.611	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	1085811	43.075	ng	99
29) 2,4-Dichlorophenol	10.09	162	867123	47.159	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	949542	43.049	ng	100
31) Naphthalene	10.48	128	2605977	41.922	ng	99
32) Benzoic acid	9.79	122	624031	52.812	ng	91
33) 4-Chloroaniline	10.60	127	1199506	44.678	ng	98
34) Hexachlorobutadiene	10.76	225	591365	42.313	ng	99
35) Caprolactam	11.41	113	312111	46.577	ng	94
36) 4-Chloro-3-methylphenol	11.73	107	955126	46.083	ng	97
37) 2-Methylnaphthalene	12.10	142	1867211	43.895	ng	99
38) 1-Methylnaphthalene	12.32	142	1822276	44.014	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1121906	42.875	ng	100

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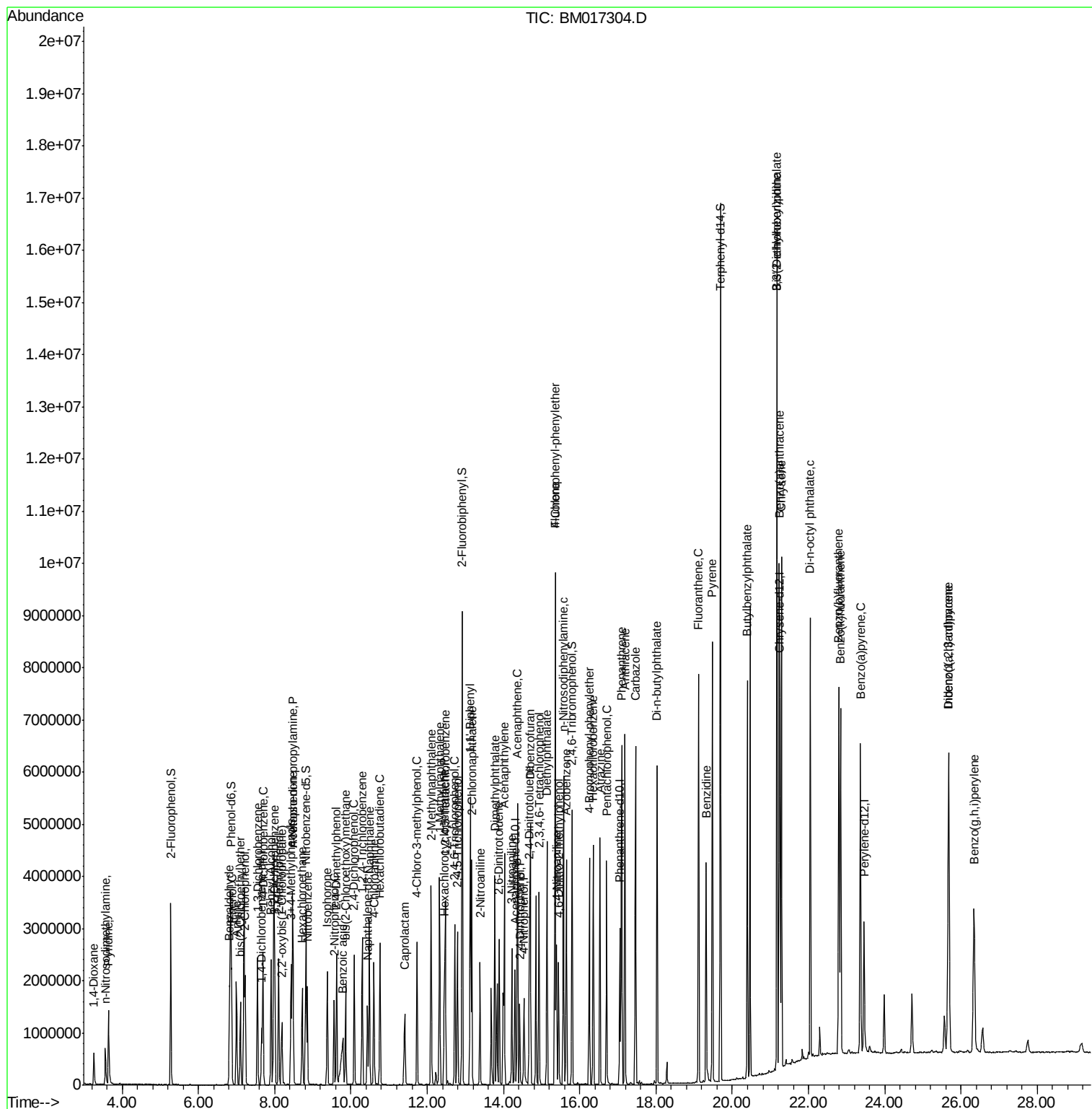
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	552101	43.644	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	730290	48.077	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	770863	47.325	ng	98
46) 1,1'-Biphenyl	13.13	154	2835176	42.401	ng	99
47) 2-Chloronaphthalene	13.17	162	2088762	42.462	ng	99
48) 2-Nitroaniline	13.39	65	630525	45.682	ng	95
49) Acenaphthylene	14.02	152	3158453	44.297	ng	100
50) Dimethylphthalate	13.77	163	2555742	44.583	ng	99
51) 2,6-Dinitrotoluene	13.89	165	580747	46.029	ng	97
52) Acenaphthene	14.37	154	1913782	42.748	ng	98
53) 3-Nitroaniline	14.22	138	646573	47.316	ng	97
54) 2,4-Dinitrophenol	14.43	184	335533	48.896	ng	97
55) Dibenzofuran	14.70	168	3151653	42.333	ng	100
56) 4-Nitrophenol	14.54	139	515238	43.649	ng	99
57) 2,4-Dinitrotoluene	14.68	165	818361	48.258	ng	98
58) Fluorene	15.36	166	2391129	43.392	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	706535	47.585	ng	99
60) Diethylphthalate	15.14	149	2649825	46.610	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	1360644	43.311	ng	96
62) 4-Nitroaniline	15.39	138	688146	45.409	ng	99
63) Azobenzene	15.64	77	2417759	43.754	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	512563	45.953	ng	98
66) n-Nitrosodiphenylamine	15.57	169	2332163	44.040	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	860025	44.750	ng	97
68) Hexachlorobenzene	16.36	284	949657	42.539	ng	98
69) Atrazine	16.53	200	856318	45.181	ng	99
70) Pentachlorophenol	16.70	266	712228	46.573	ng	99
71) Phenanthrene	17.10	178	3942633	41.750	ng	99
72) Anthracene	17.19	178	3921190	43.700	ng	100
73) Carbazole	17.46	167	4088154	44.602	ng	100
74) Di-n-butylphthalate	18.03	149	4632980	47.923	ng	100
75) Fluoranthene	19.12	202	4760821	44.802	ng	99
77) Benzidine	19.32	184	2507512	50.408	ng	99
78) Pyrene	19.48	202	4958610	45.224	ng	100
80) Butylbenzylphthalate	20.39	149	2220328	52.436	ng	93
81) Benzo(a)anthracene	21.23	228	4839220	43.834	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1868908	45.422	ng	99
83) Chrysene	21.29	228	4659158	42.638	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	3228770	50.293	ng	98
85) Di-n-octyl phthalate	22.04	149	5472665	50.302	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	4082553	33.404	ng	99
88) Benzo(b)fluoranthene	22.80	252	4382742	46.054	ng	99
89) Benzo(k)fluoranthene	22.84	252	4265412	44.668	ng	99
90) Benzo(a)pyrene	23.36	252	3943199	43.640	ng	100
91) Dibenzo(a,h)anthracene	25.69	278	3473302	38.712	ng	99
92) Benzo(g,h,i)perylene	26.34	276	3379488	38.004	ng	99

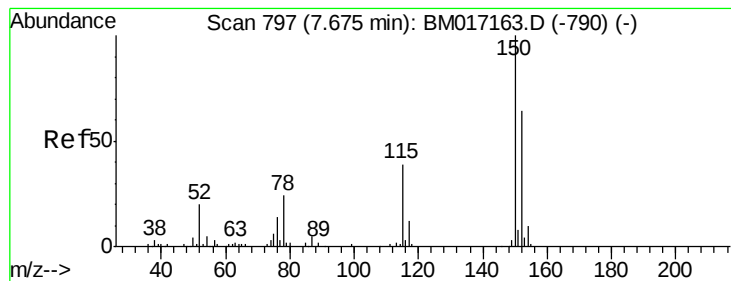
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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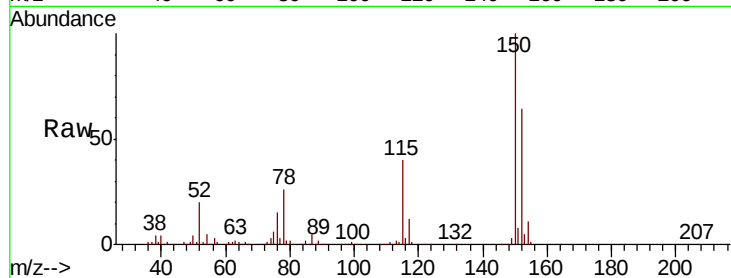


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	61.6	48.1	72.1

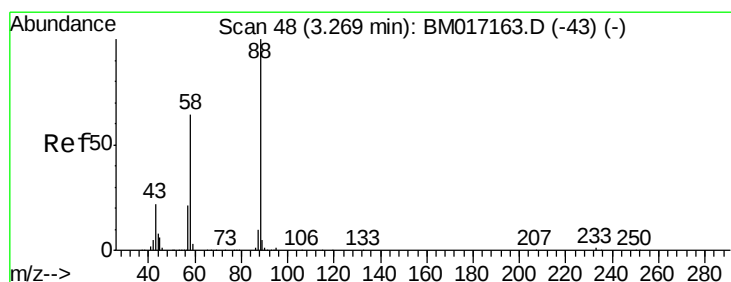
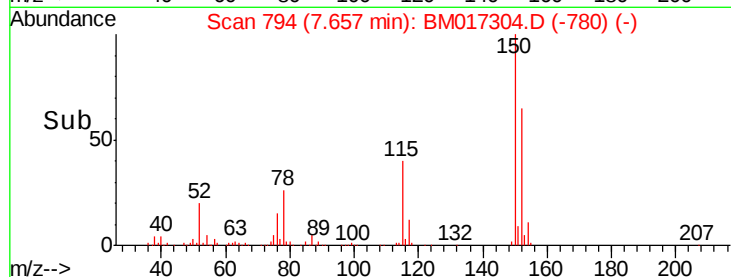
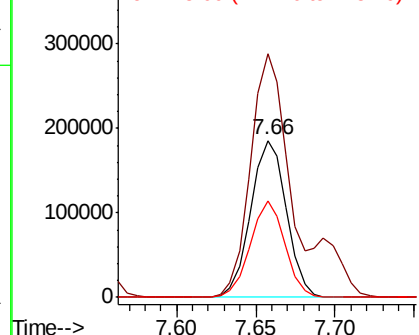


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

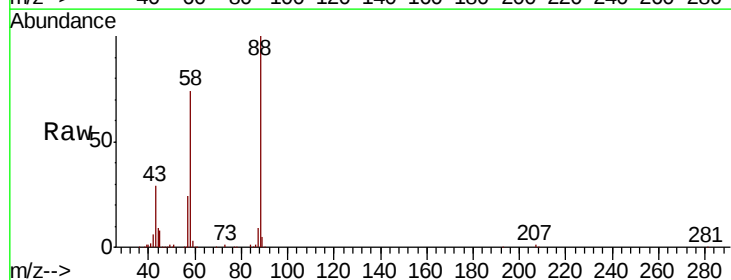
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.870 ng
RT: 3.26 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	50.2	75.4
43	28.6	19.3	28.9

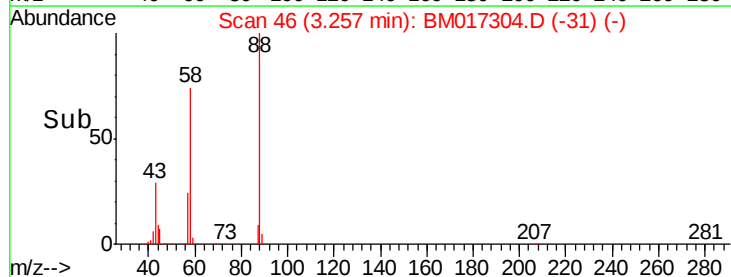
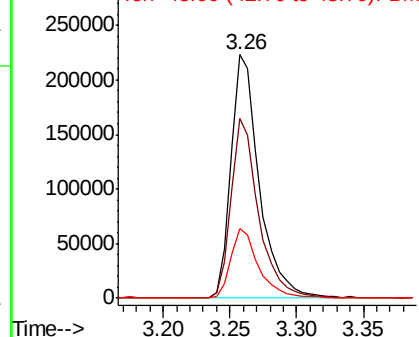


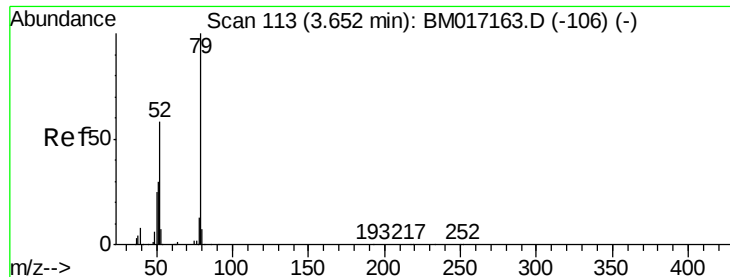
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 41.848 ng

RT: 3.64 min Scan# 111

Delta R.T. -0.01 min

Lab File: BM017304.D

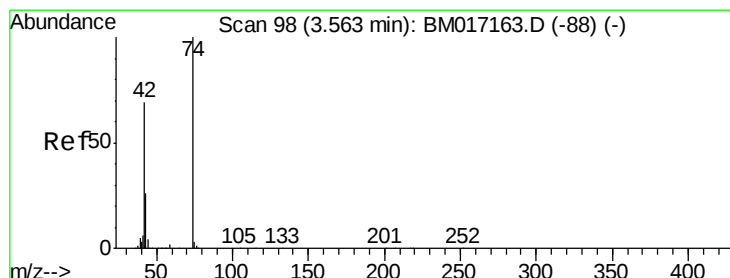
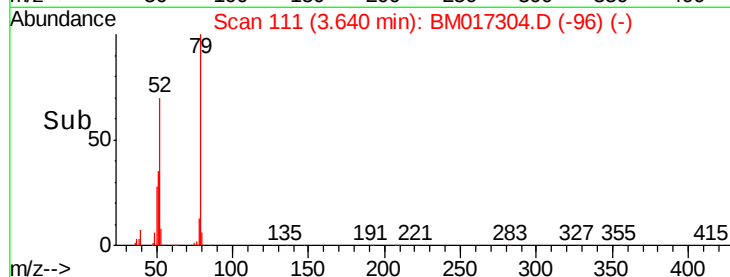
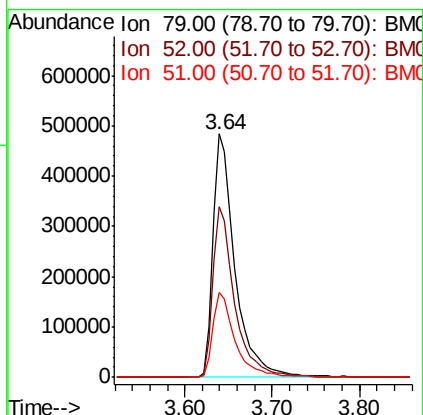
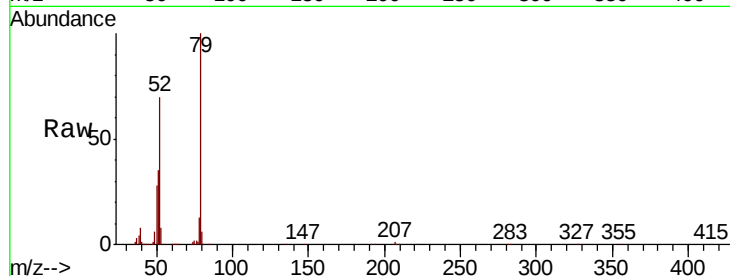
Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	79	Resp:	846233
Ion	Ratio	Lower	Upper
79	100		
52	69.9	46.5	69.7#
51	35.1	24.6	37.0



#4

n-Nitrosodimethylamine

Concen: 40.172 ng

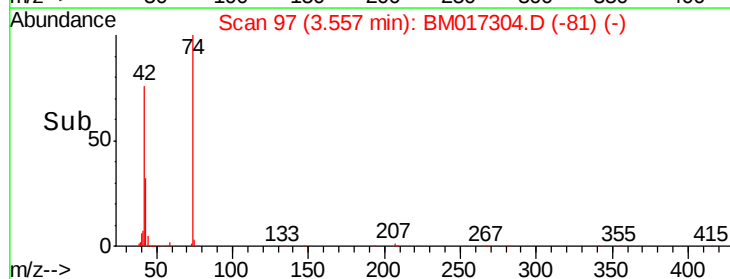
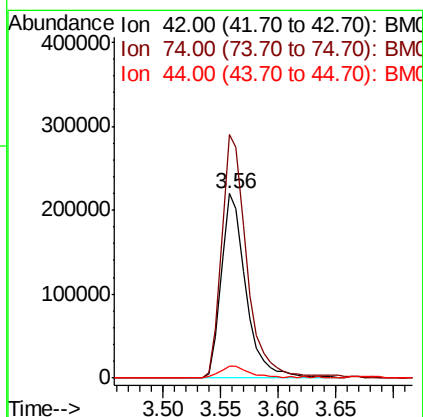
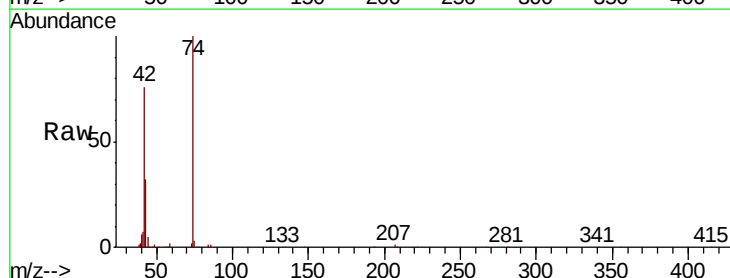
RT: 3.56 min Scan# 97

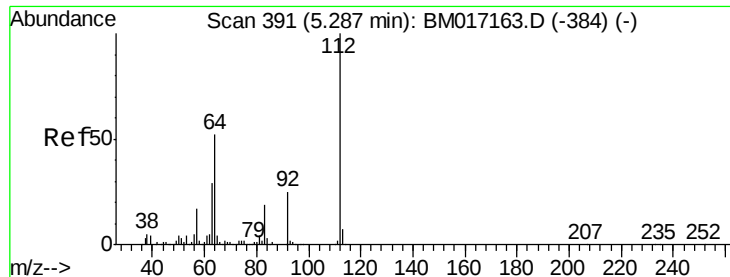
Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Tgt Ion:	42	Resp:	326109
Ion	Ratio	Lower	Upper
42	100		
74	132.1	114.4	171.6
44	6.7	48.6	73.0#





#5

2-Fluorophenol

Concen: 85.844 ng

RT: 5.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

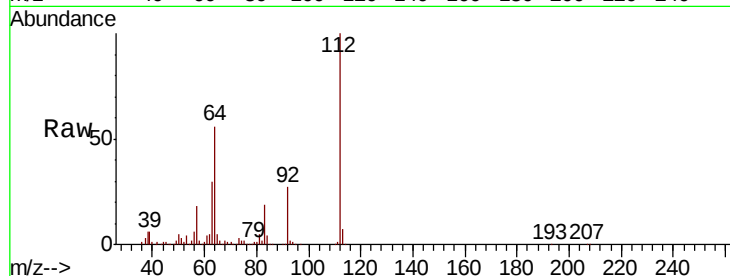
Tot Ion:112 Resp: 1477450

Ion Ratio Lower Upper

112 100

64 56.5 41.7 62.5

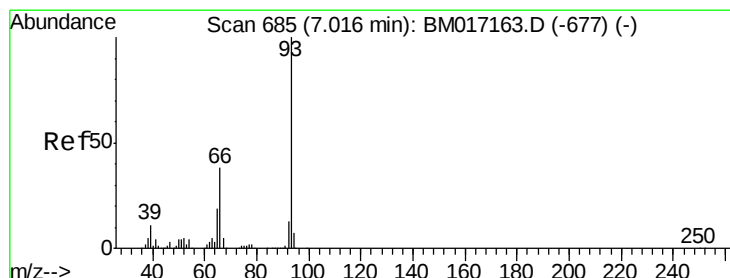
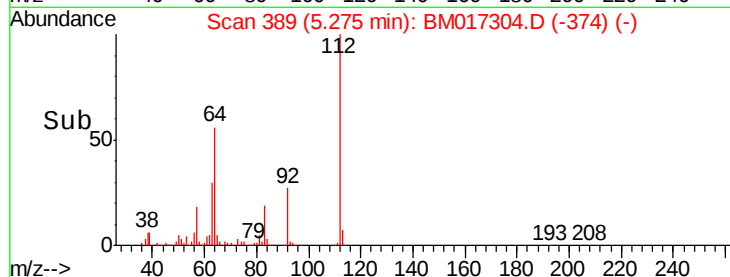
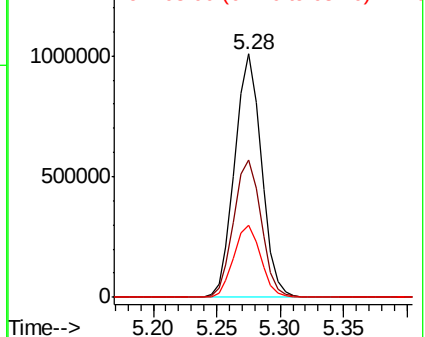
63 29.8 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 42.832 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

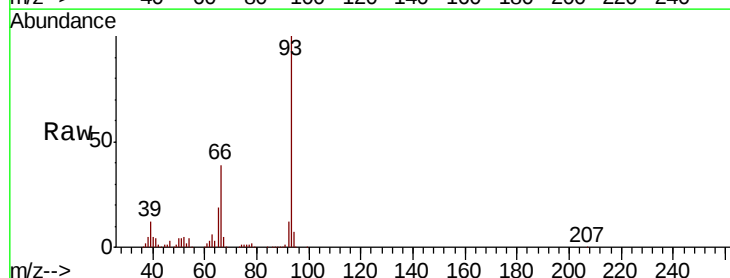
Tgt Ion: 93 Resp: 1255778

Ion Ratio Lower Upper

93 100

66 39.5 30.4 45.6

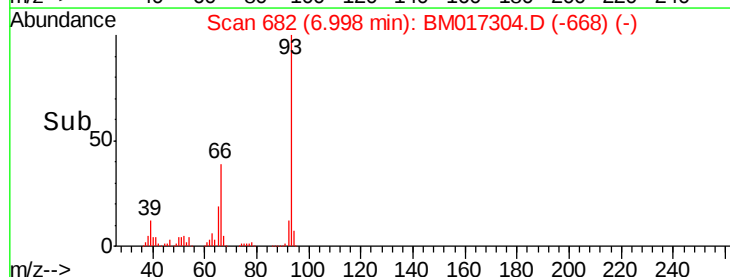
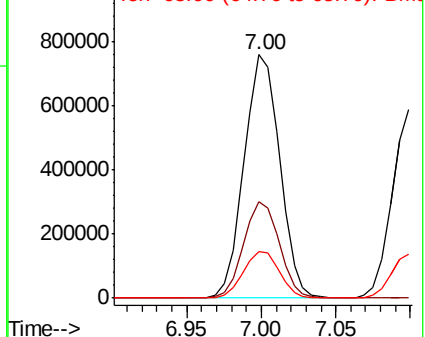
65 19.0 15.3 22.9

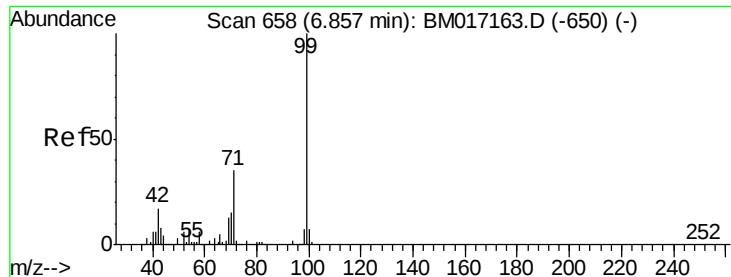


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 87.342 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

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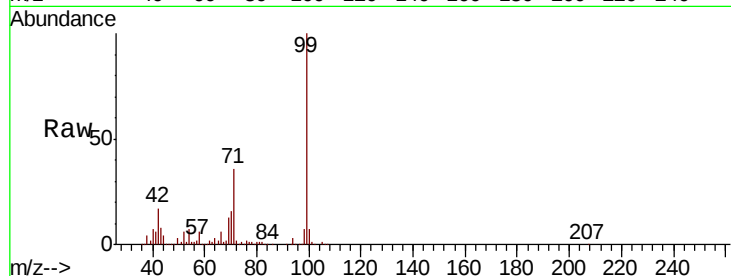
Tot Ion: 99 Resp: 2047303

Ion Ratio Lower Upper

99 100

42 17.1 13.3 19.9

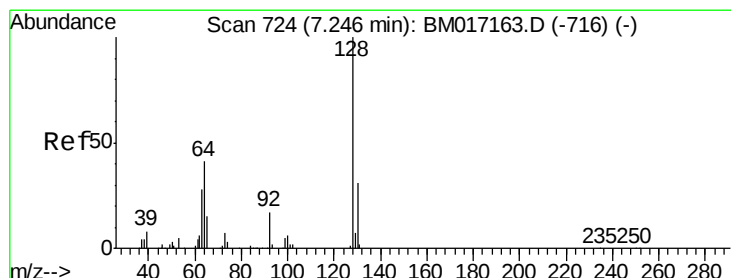
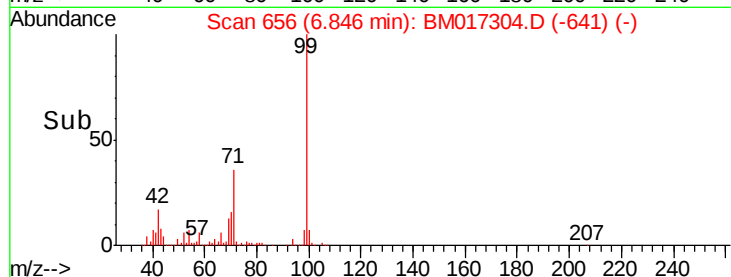
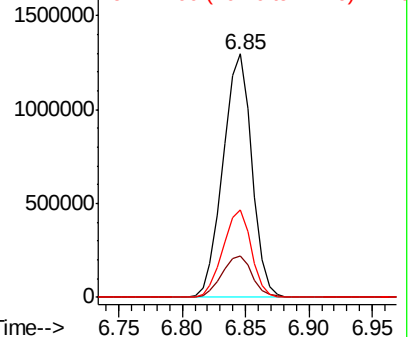
71 35.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 43.892 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

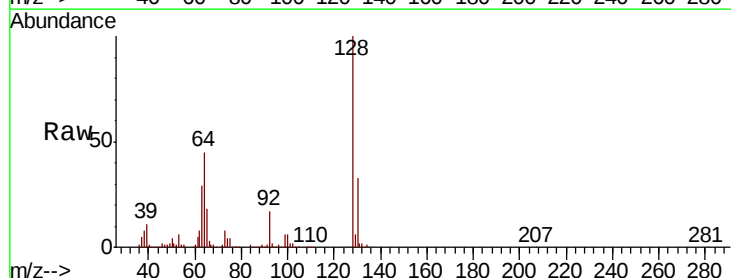
Tgt Ion: 128 Resp: 873934

Ion Ratio Lower Upper

128 100

130 32.6 11.0 51.0

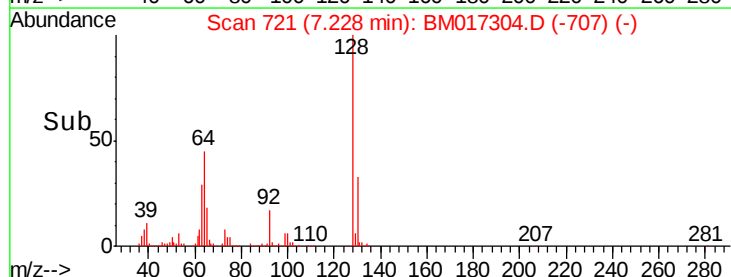
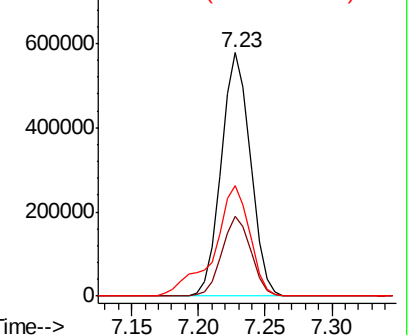
64 45.4 24.1 64.1

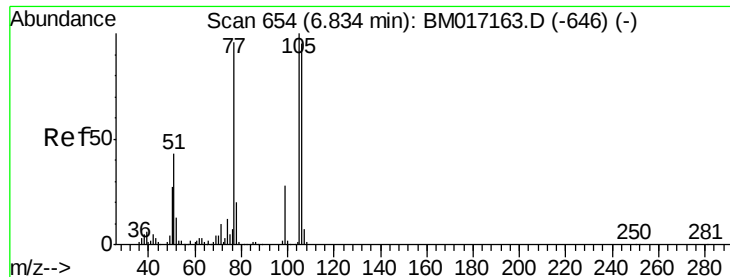


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 38.332 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

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Acq: 24 Oct 2018 06:43

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BNA_M

ClientSampleId :

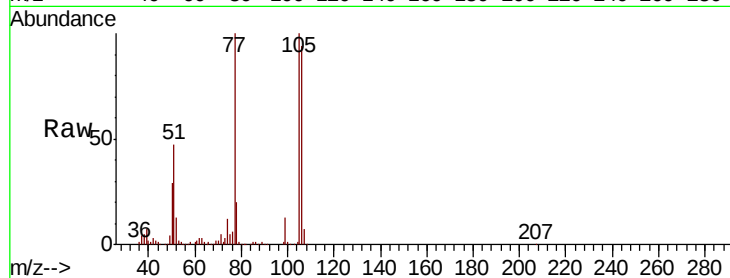
Tot Ion: 77 Resp: 572908

Ion Ratio Lower Upper

77 100

105 100.2 83.9 123.9

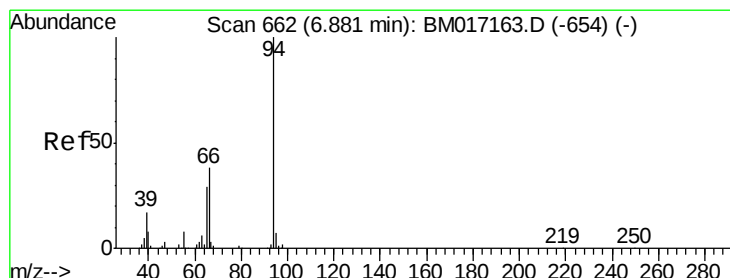
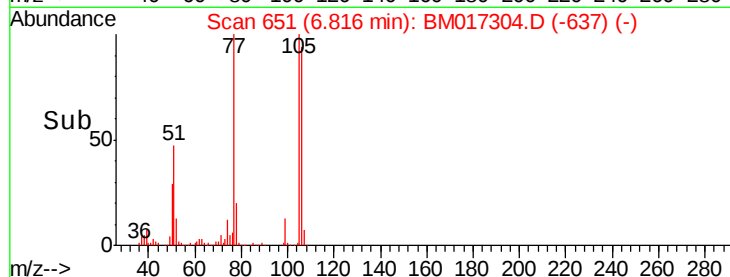
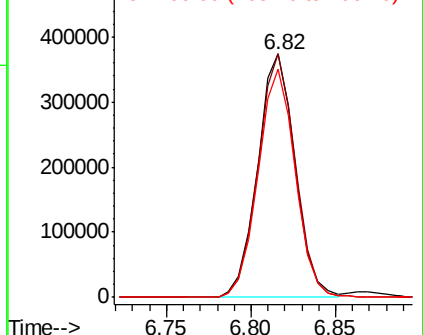
106 94.0 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-646) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-646) (-)

Ion 106.00 (105.70 to 106.70): BM017163.D (-646) (-)



#10

Phenol

Concen: 42.566 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

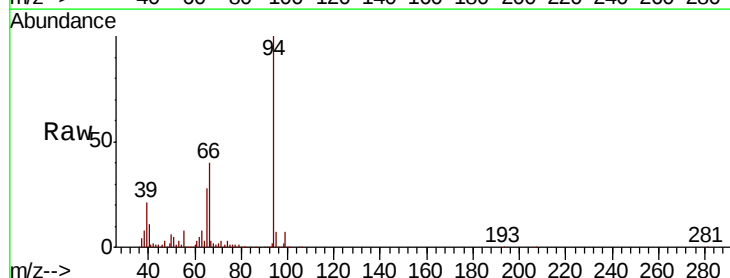
Tgt Ion: 94 Resp: 1073824

Ion Ratio Lower Upper

94 100

65 27.9 9.4 49.4

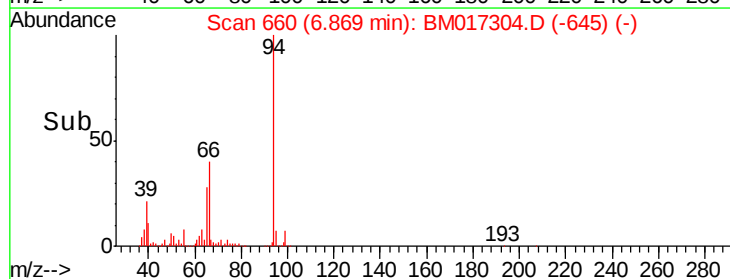
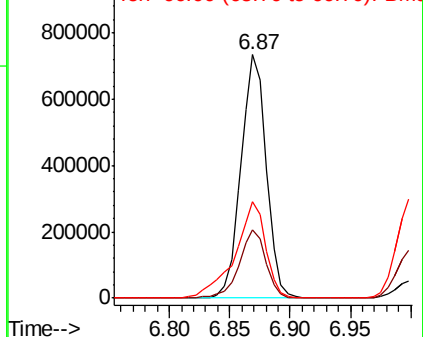
66 39.5 19.0 59.0

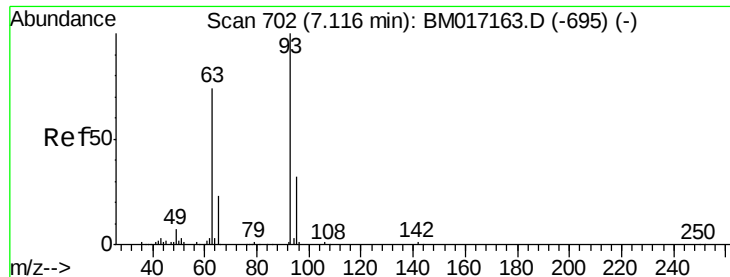


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)

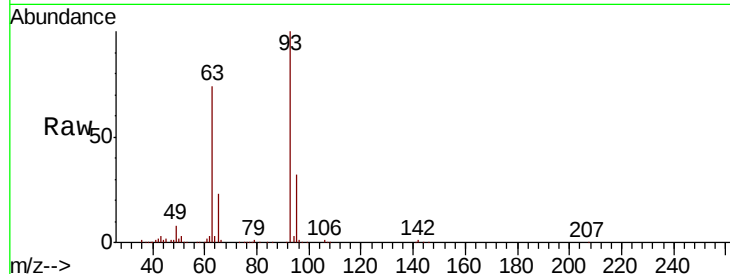




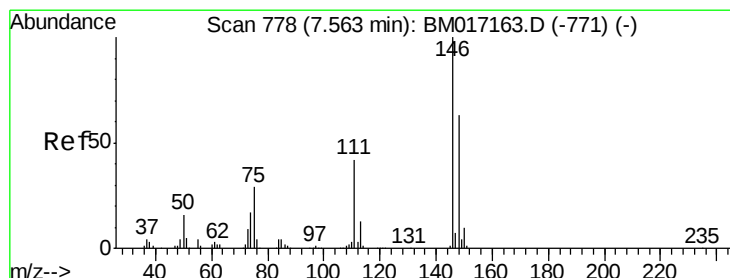
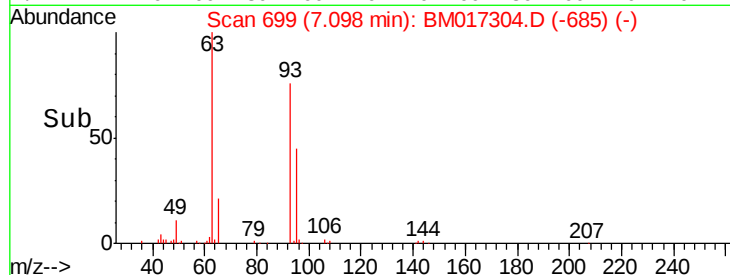
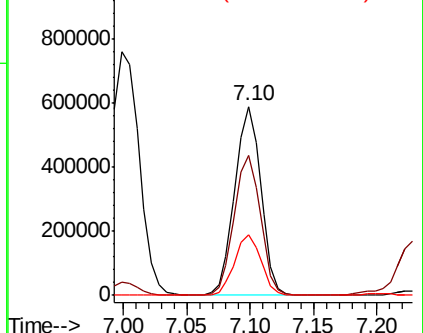
#11
bis(2-Chloroethyl)ether
Concen: 41.811 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Instrument :
BNA_M
ClientSampled :

Tot Ion: 93 Resp: 840826
Ion Ratio Lower Upper
93 100
63 74.0 54.0 94.0
95 32.0 11.8 51.8

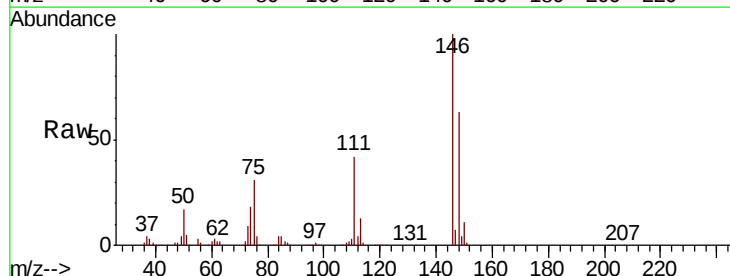


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

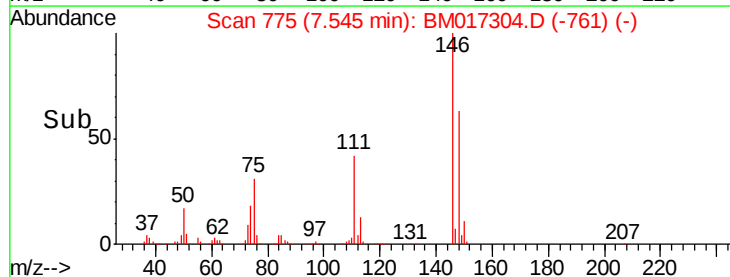
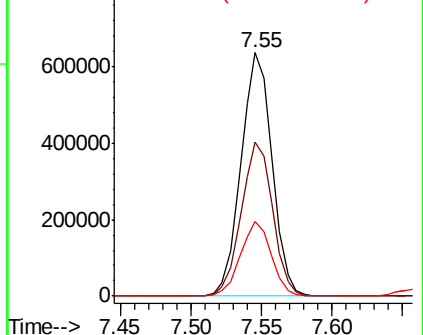


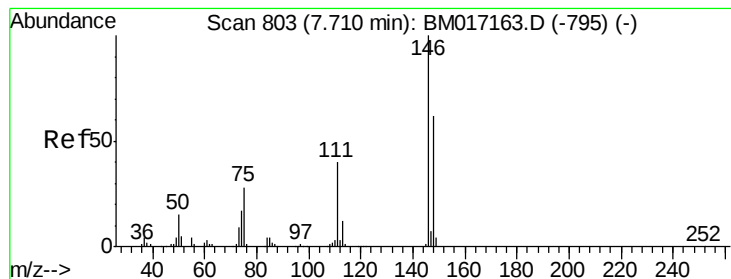
#12
1,3-Dichlorobenzene
Concen: 42.093 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion: 146 Resp: 977001
Ion Ratio Lower Upper
146 100
148 63.3 50.2 75.4
75 30.8 23.3 34.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BM0





#13

1,4-Dichlorobenzene

Concen: 42.051 ng

RT: 7.69 min Scan# 800

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

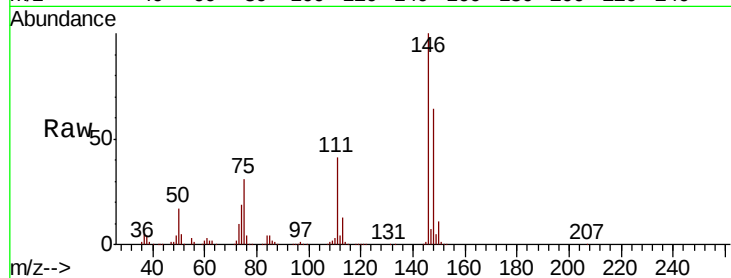
Tot Ion:146 Resp: 997179

Ion Ratio Lower Upper

146 100

148 64.5 49.8 74.6

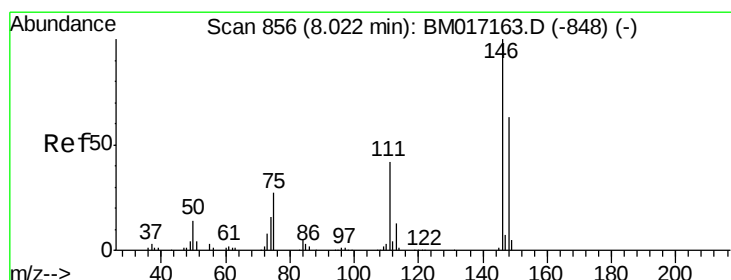
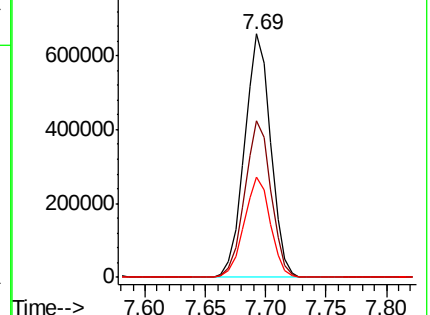
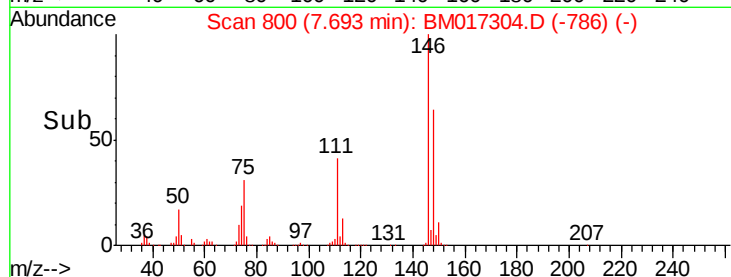
111 41.4 32.1 48.1



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



#14

1,2-Dichlorobenzene

Concen: 41.797 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

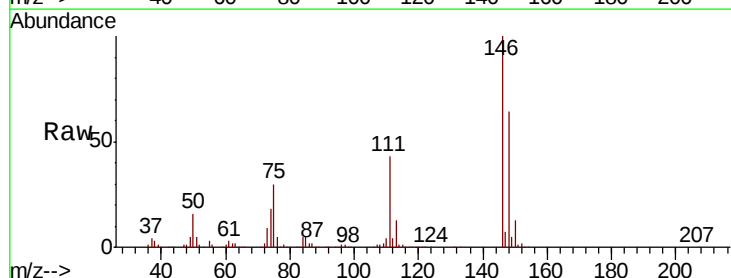
Tgt Ion:146 Resp: 954957

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

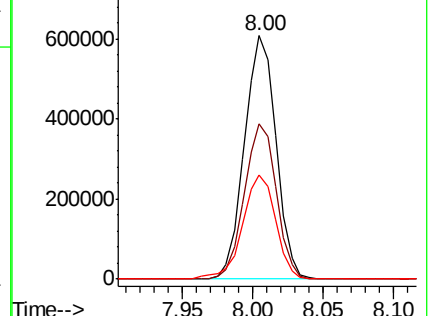
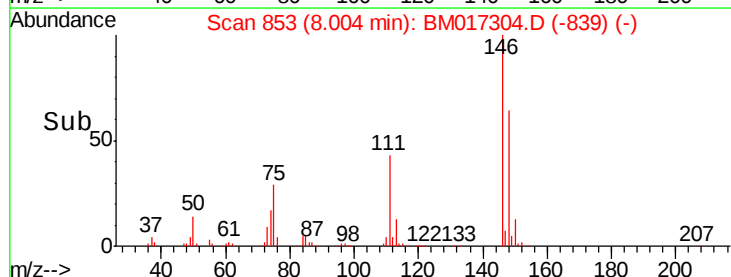
111 42.5 33.8 50.6

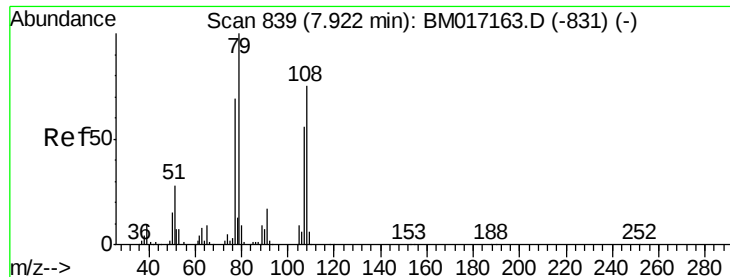


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.621 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

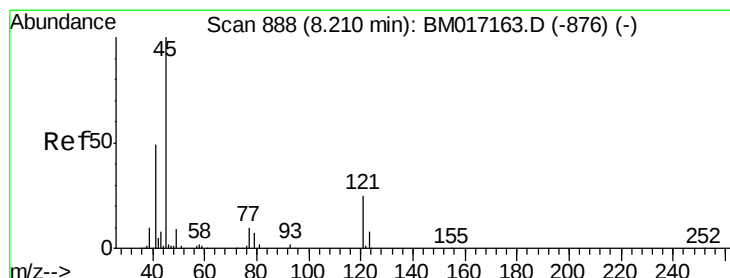
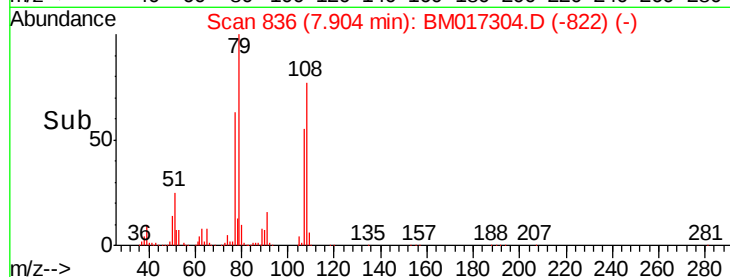
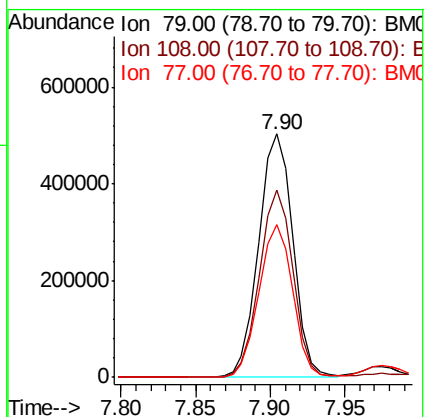
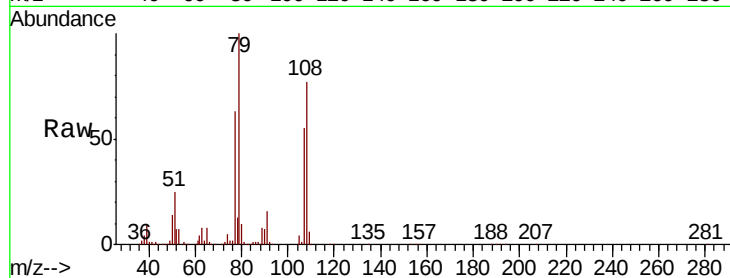
Tot Ion: 79 Resp: 798777

Ion Ratio Lower Upper

79 100

108 76.7 60.3 90.5

77 62.9 54.8 82.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.448 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

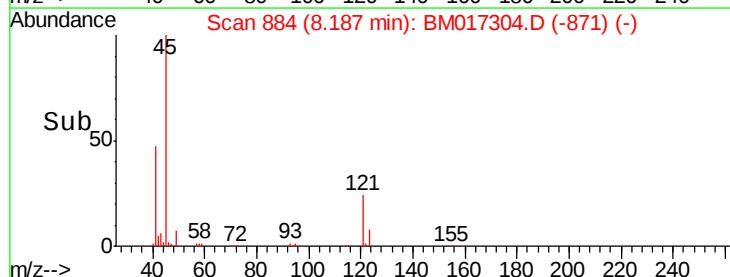
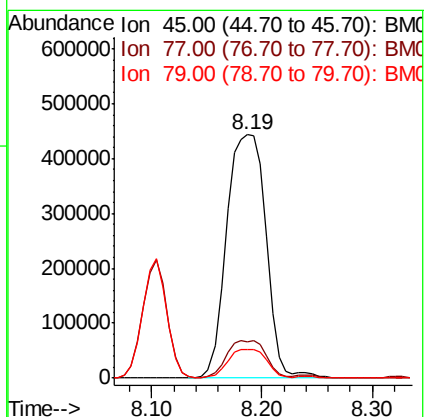
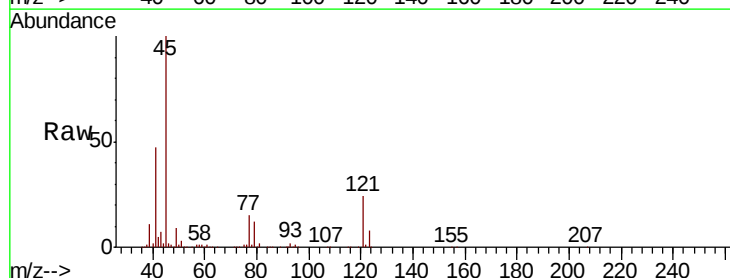
Tgt Ion: 45 Resp: 1108320

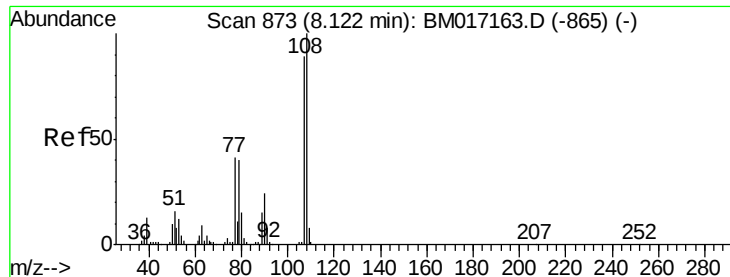
Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.5

79 11.8 0.0 32.1





#17

2-Methylphenol

Concen: 44.110 ng

RT: 8.10 min Scan# 870

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 714241

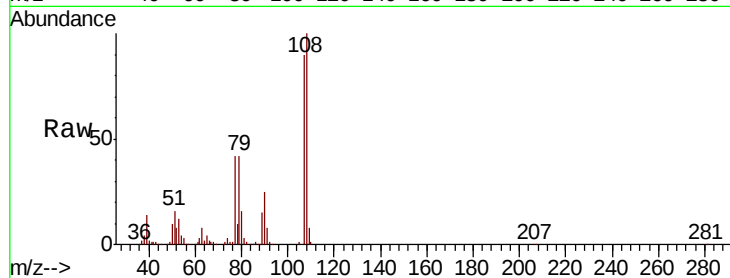
Ion Ratio Lower Upper

107 100

108 111.5 90.3 135.5

77 46.5 37.0 55.4

79 47.2 35.8 53.6

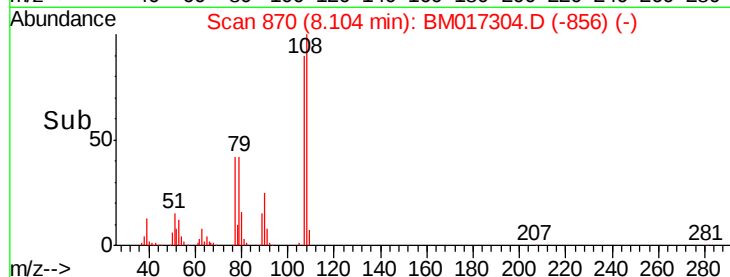


Abundance Ion 107.00 (106.70 to 107.70): E

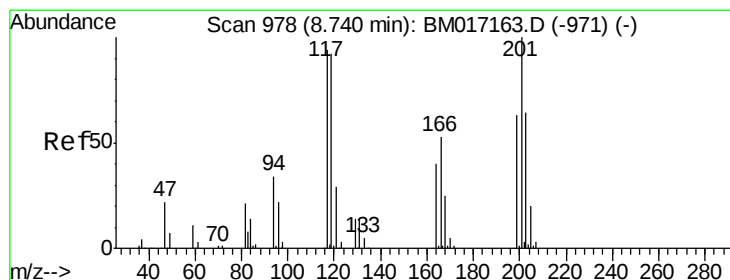
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#18

Hexachloroethane

Concen: 42.261 ng

RT: 8.72 min Scan# 975

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

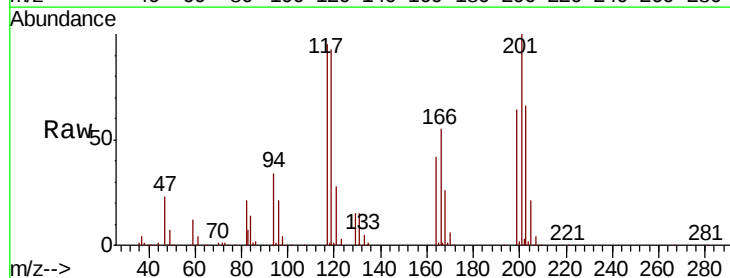
Tgt Ion:117 Resp: 342963

Ion Ratio Lower Upper

117 100

119 98.0 78.2 117.2

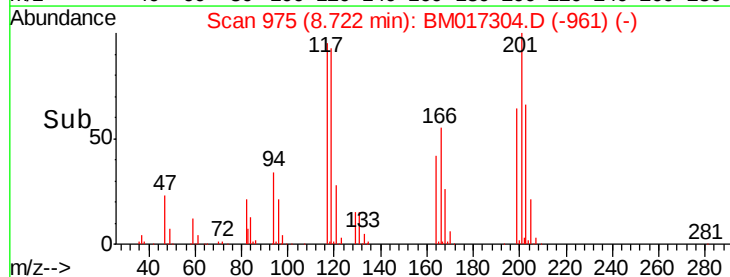
201 105.2 85.3 127.9



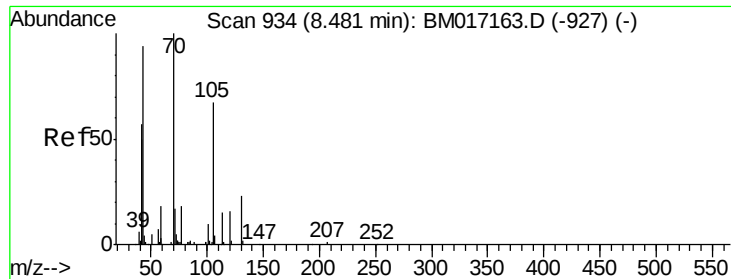
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



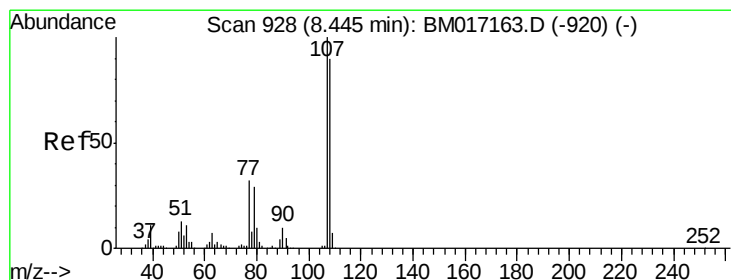
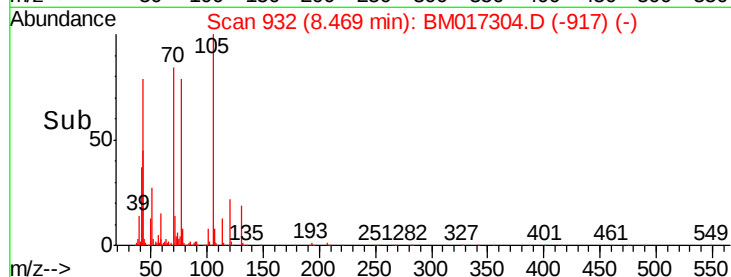
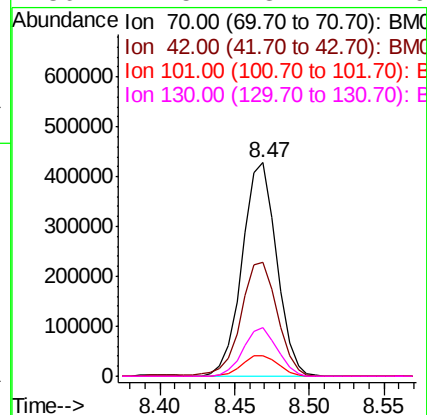
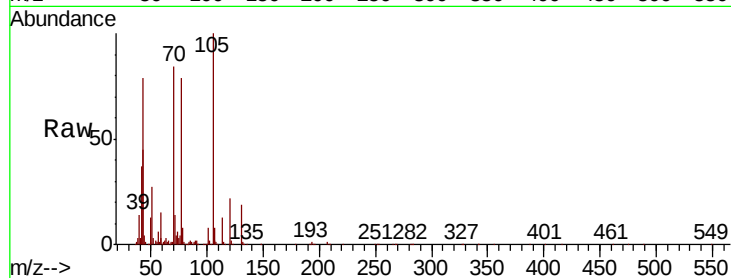
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 44.230 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

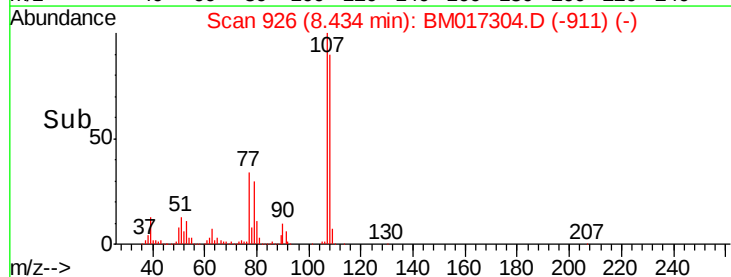
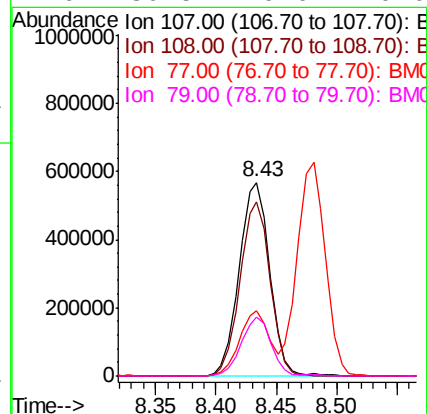
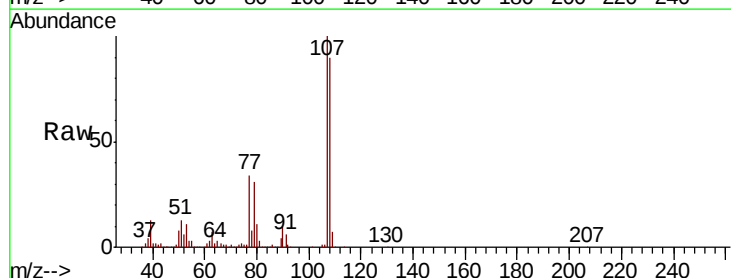
Instrument :
BNA_M
ClientSampleId :

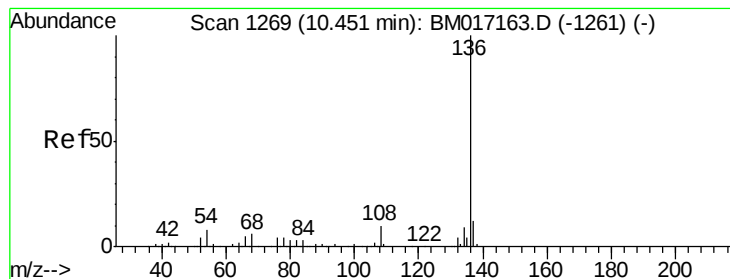
Tot Ion:	70	Resp:	682665
Ion	Ratio	Lower	Upper
70	100		
42	53.6	46.1	69.1
101	9.8	8.2	12.4
130	22.5	18.4	27.6



#20
3+4-Methylphenols
Concen: 45.404 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion:	107	Resp:	1005542
Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.9	109.9
77	34.0	12.2	52.2
79	30.5	9.0	49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1268477

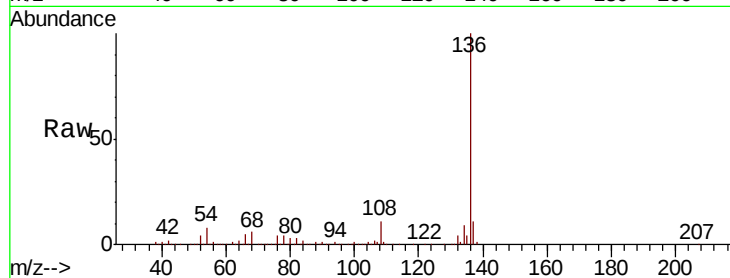
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.7 6.7 10.1

68 5.5 4.7 7.1

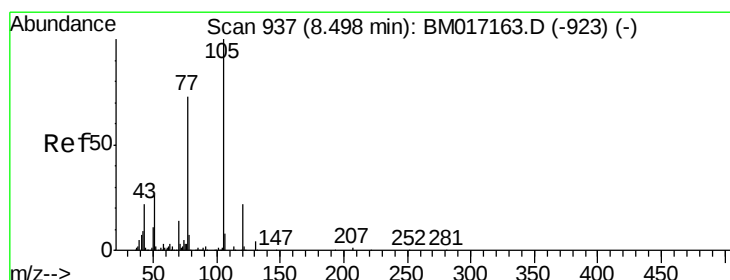
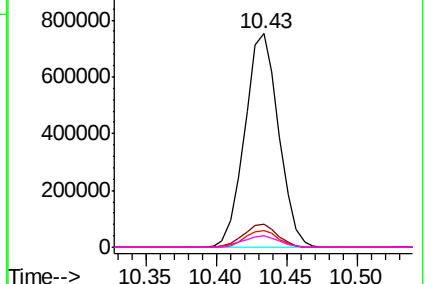
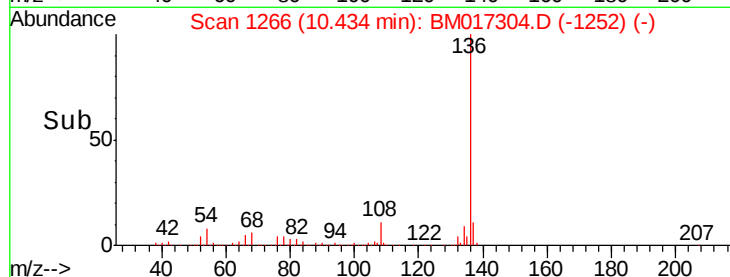


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.370 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Tgt Ion:105 Resp: 1330221

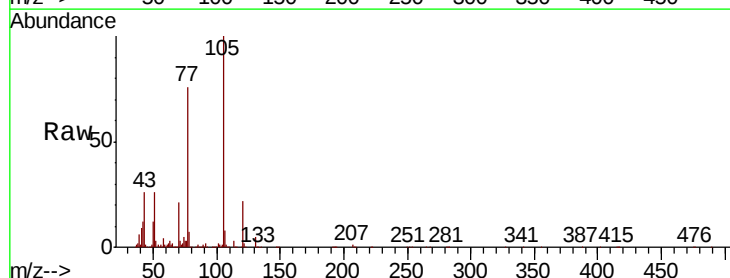
Ion Ratio Lower Upper

105 100

71 3.3 2.0 3.0#

51 25.7 20.6 31.0

120 21.7 17.5 26.3

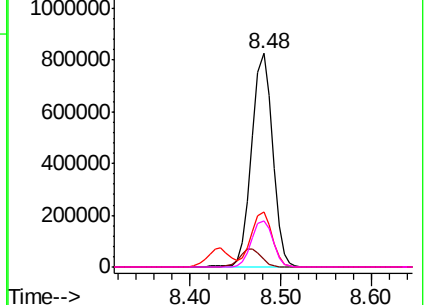
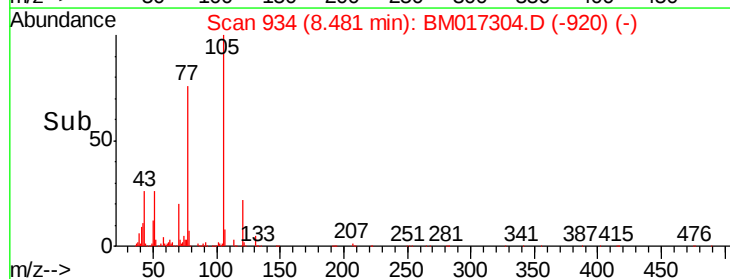


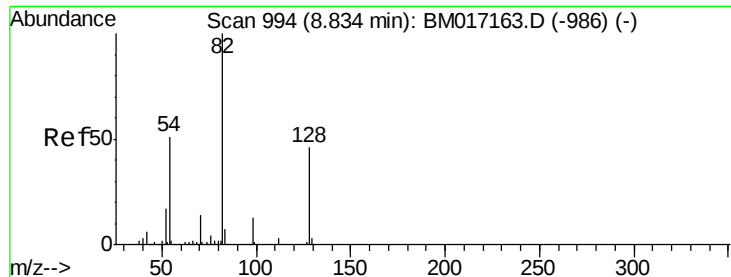
Abundance Ion 105.00 (104.70 to 105.70): E

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

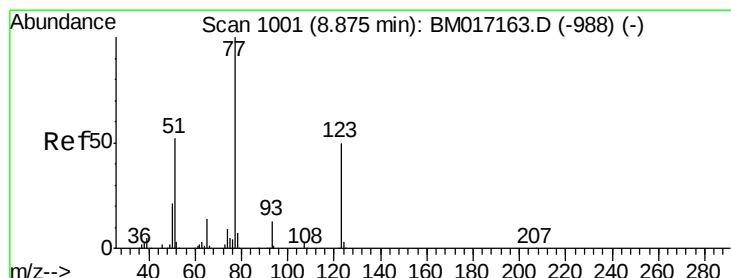
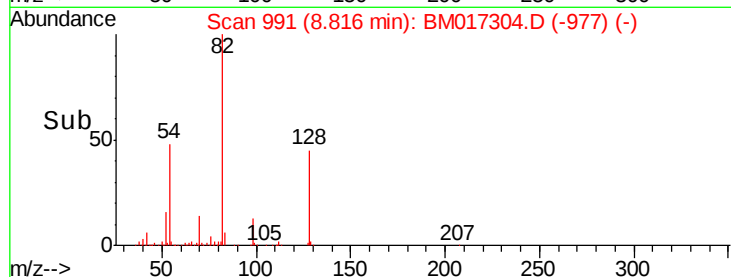
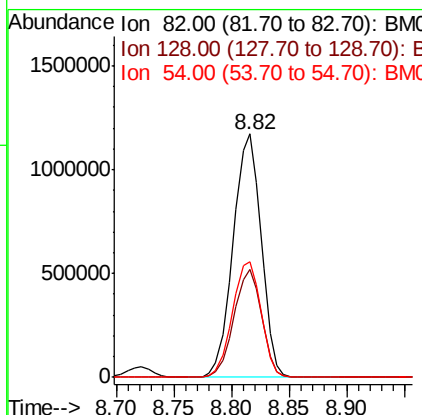
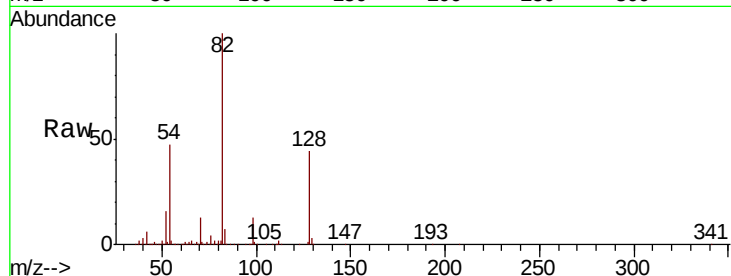




#23
 Nitrobenzene-d5
 Concen: 90.957 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

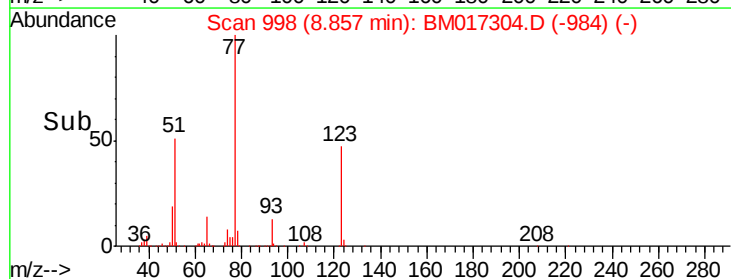
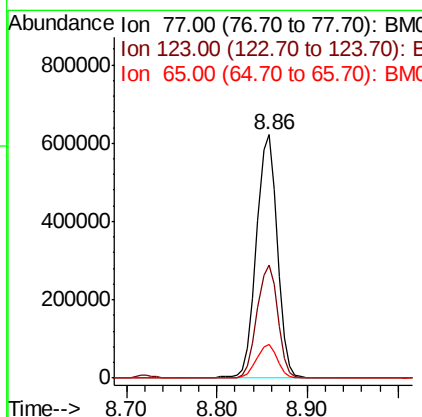
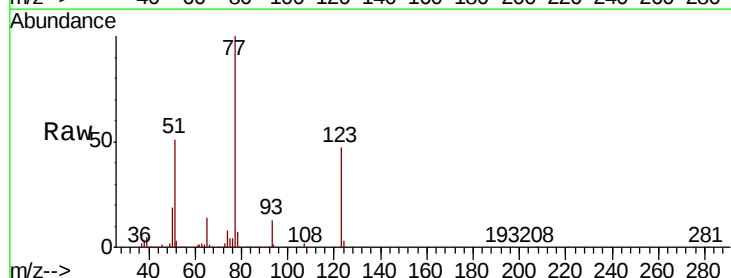
Instrument :
 BNA_M
 ClientSampleId :

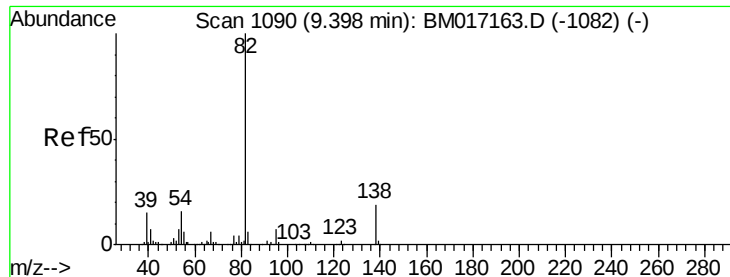
Tot Ion: 82 Resp: 1972745
 Ion Ratio Lower Upper
 82 100
 128 44.3 37.0 55.6
 54 47.5 40.7 61.1



#24
 Nitrobenzene
 Concen: 43.206 ng
 RT: 8.86 min Scan# 998
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Tgt Ion: 77 Resp: 991229
 Ion Ratio Lower Upper
 77 100
 123 46.6 40.2 60.4
 65 13.7 11.4 17.0





#25

Isophorone

Concen: 44.173 ng

RT: 9.38 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

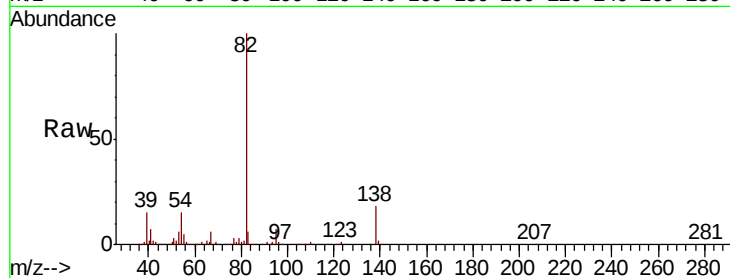
Tot Ion: 82 Resp: 1582012

Ion Ratio Lower Upper

82 100

95 7.2 6.0 9.0

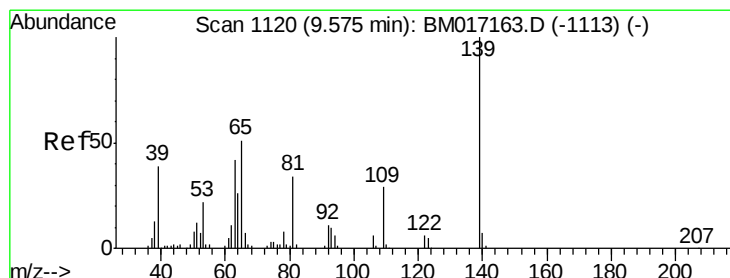
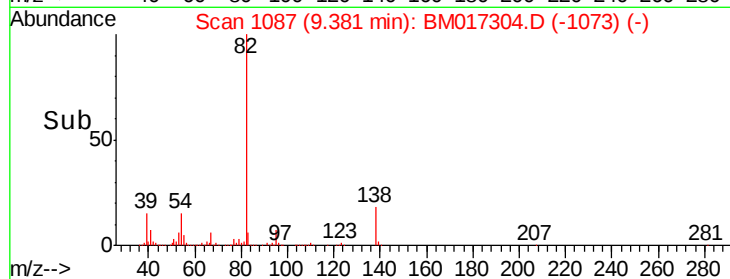
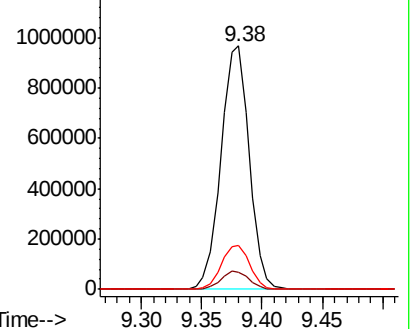
138 18.2 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)



#26

2-Nitrophenol

Concen: 47.376 ng

RT: 9.56 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

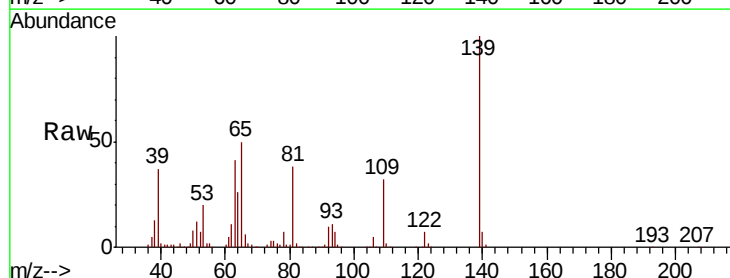
Tgt Ion: 139 Resp: 507779

Ion Ratio Lower Upper

139 100

109 31.7 23.2 34.8

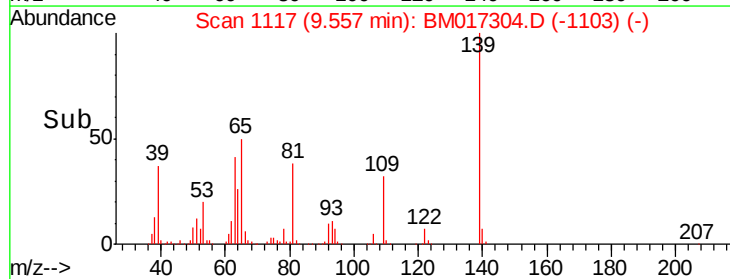
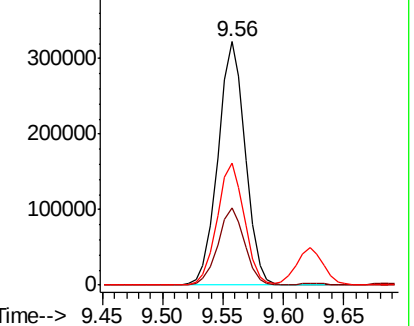
65 50.0 40.6 61.0

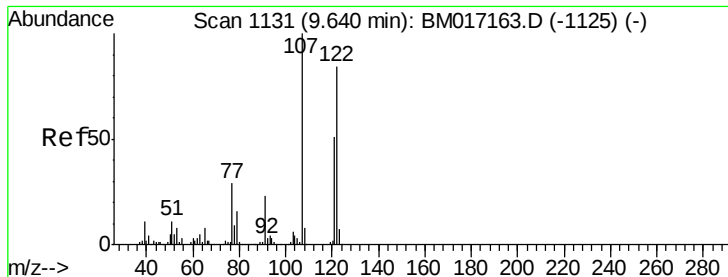


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1113) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1113) (-)

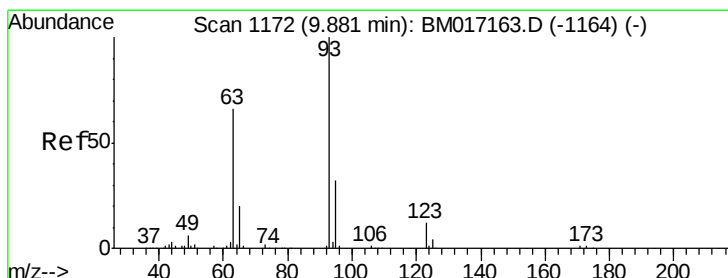
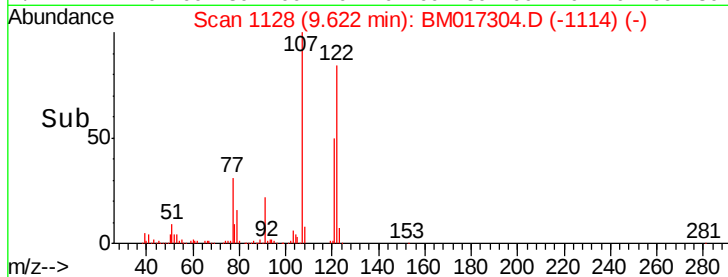
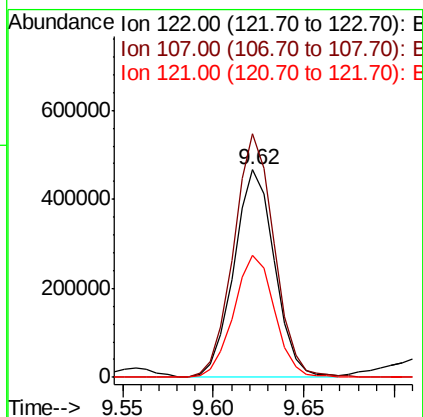
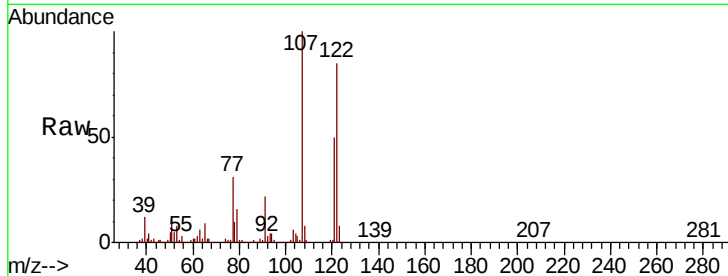




#27
 2,4-Dimethylphenol
 Concen: 45.611 ng
 RT: 9.62 min Scan# 1128
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

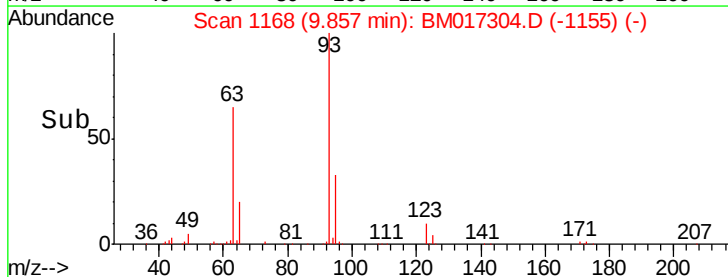
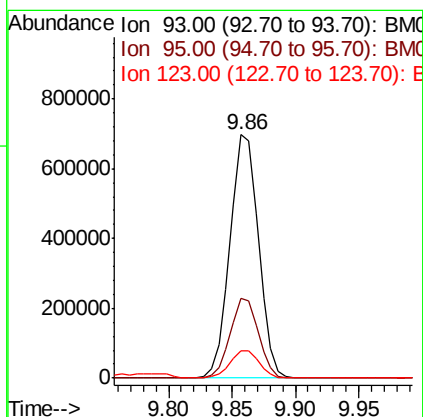
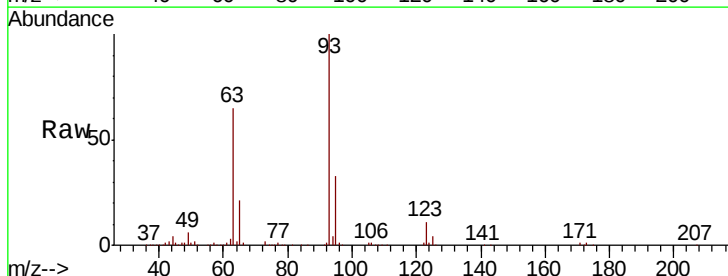
Instrument :
 BNA_M
 ClientSampleId :

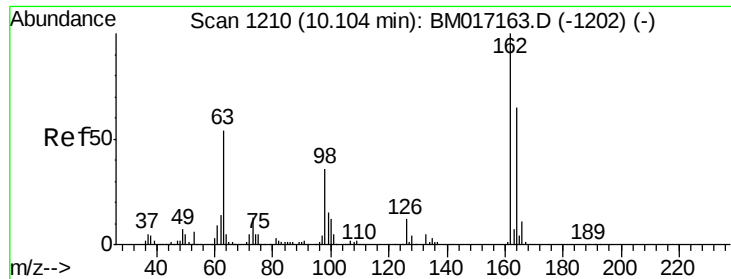
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	95.0	142.6
121	58.6	48.2	72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.075 ng
 RT: 9.86 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.7	38.5
123	11.2	9.4	14.0

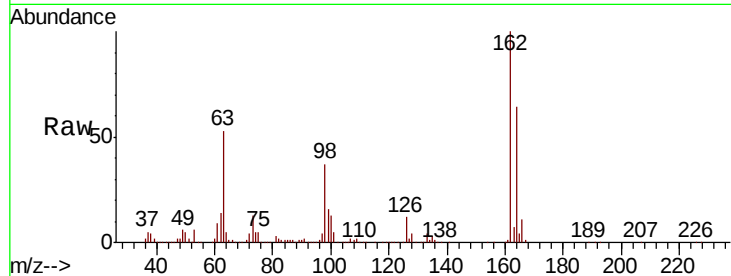




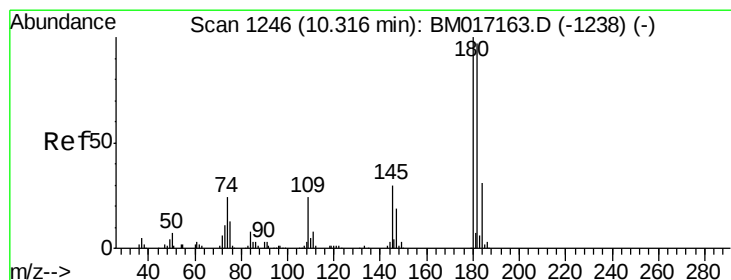
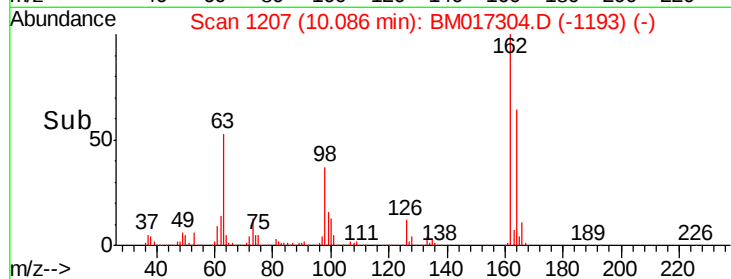
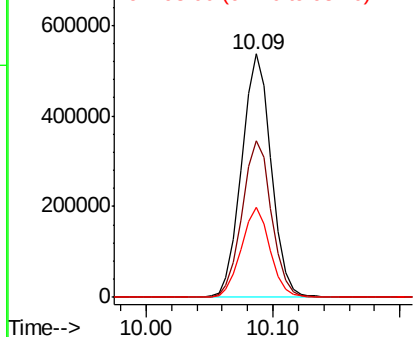
#29
2,4-Dichlorophenol
Concen: 47.159 ng
RT: 10.09 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 867123
Ion Ratio Lower Upper
162 100
164 64.3 44.9 84.9
98 36.8 15.8 55.8

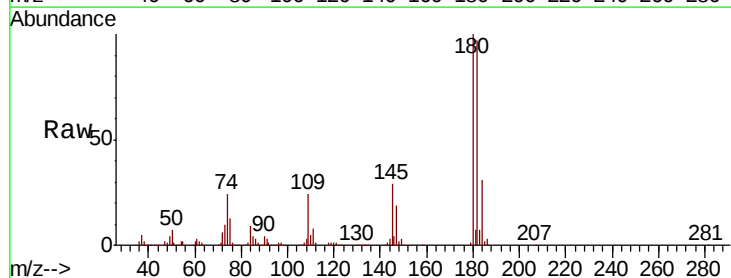


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

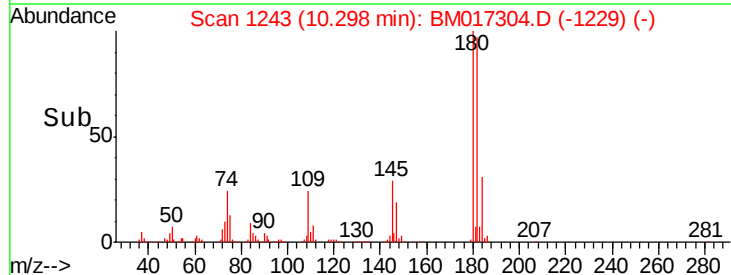
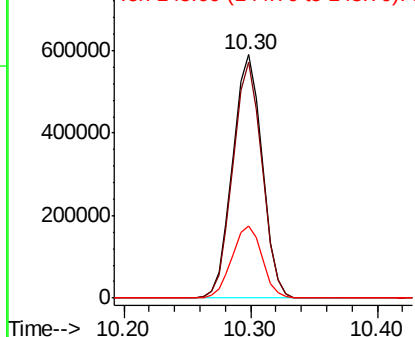


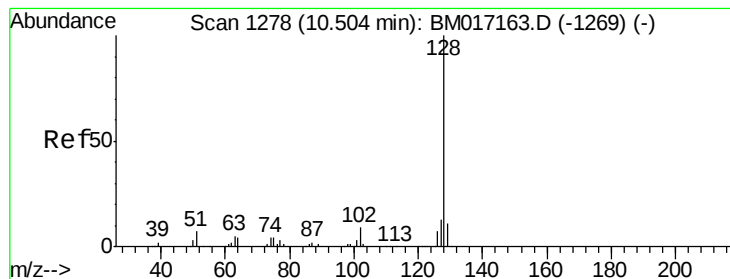
#30
1,2,4-Trichlorobenzene
Concen: 43.049 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion:180 Resp: 949542
Ion Ratio Lower Upper
180 100
182 96.9 77.5 116.3
145 29.4 24.0 36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.922 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

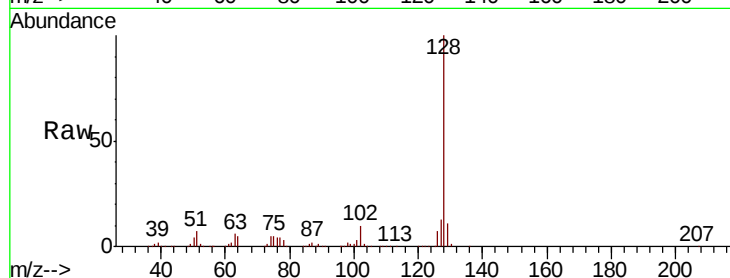
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 2605977

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.1	10.3	15.5

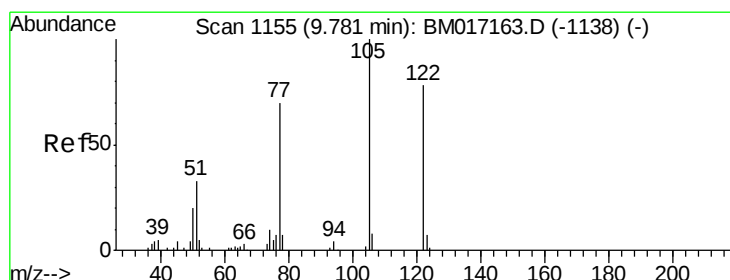
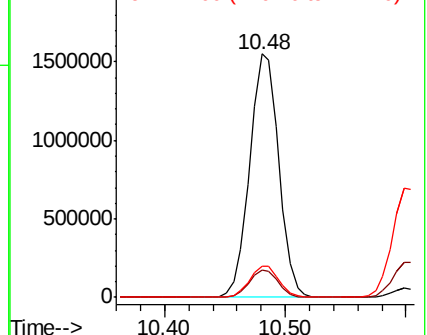
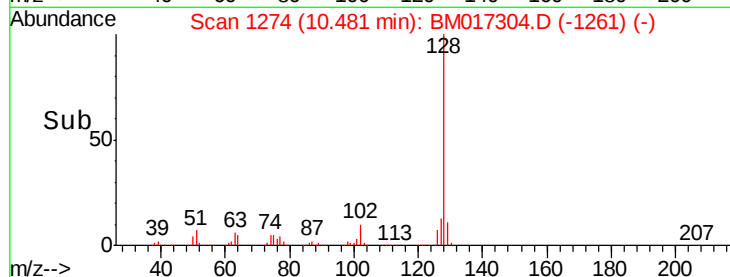


Abundance

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: 52.812 ng

RT: 9.79 min Scan# 1157

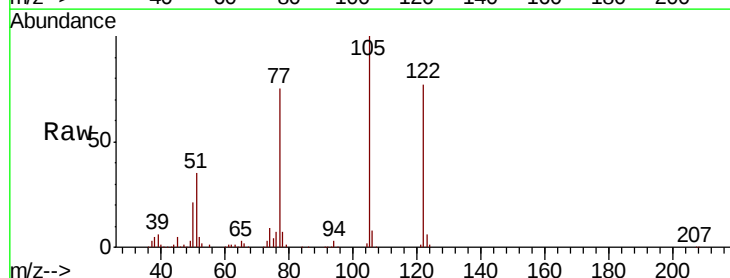
Delta R.T. 0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Tgt Ion:122 Resp: 624031

Ion	Ratio	Lower	Upper
122	100		
105	130.5	102.0	142.0
77	97.7	67.7	107.7

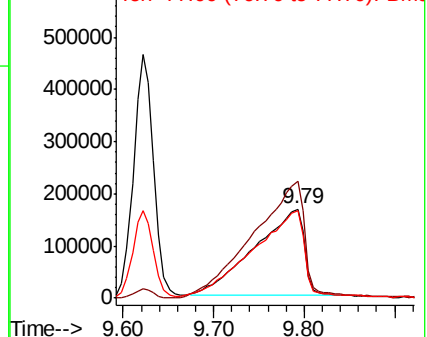
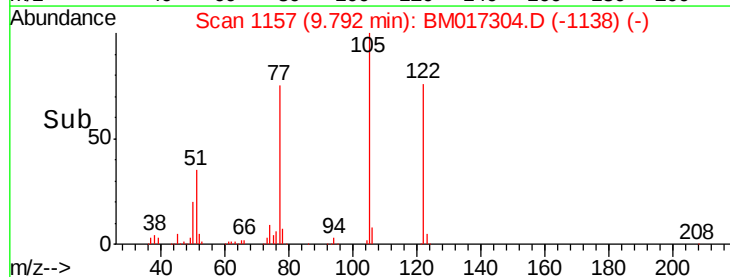


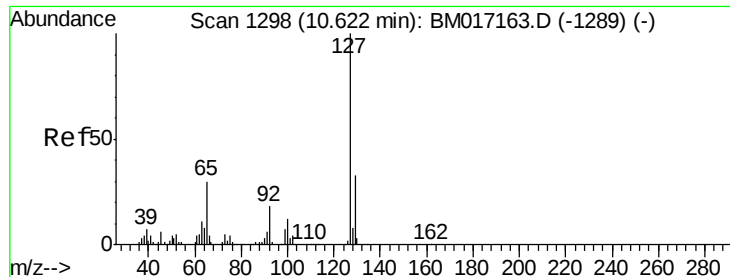
Abundance

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): E

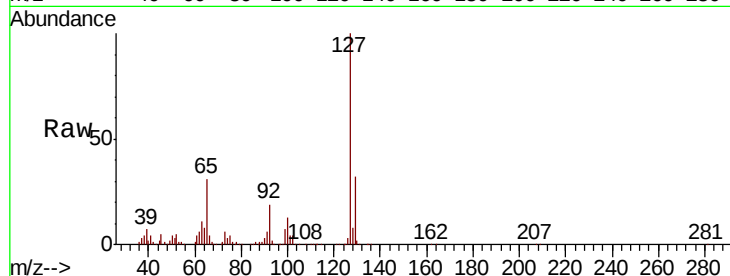




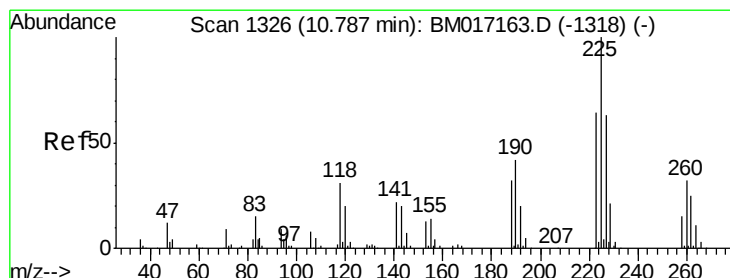
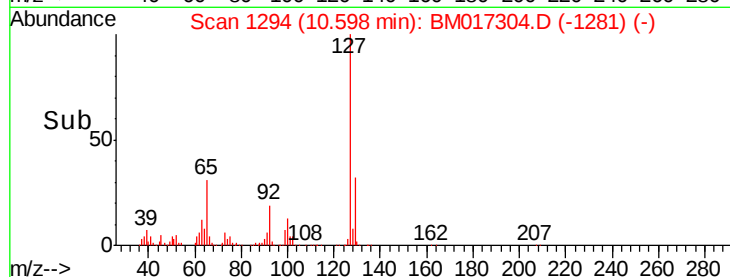
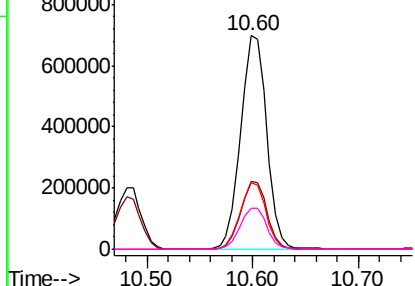
#33
4-Chloroaniline
Concen: 44.678 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Instrument :
BNA_M
ClientSampled :

Tot Ion:127 Resp: 1199506
Ion Ratio Lower Upper
127 100
129 32.0 26.2 39.4
65 31.1 23.7 35.5
92 19.4 14.3 21.5

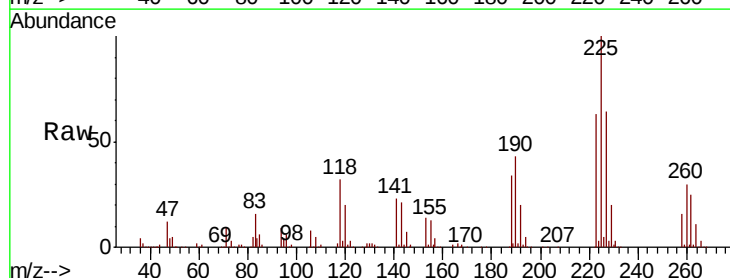


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

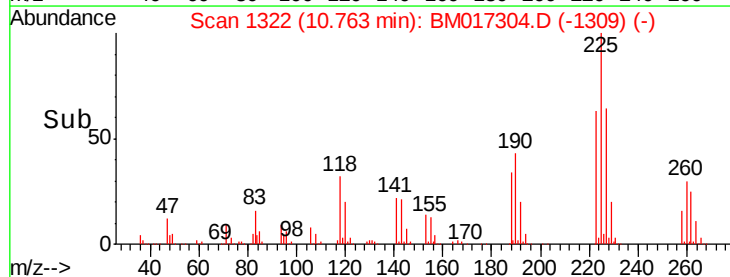
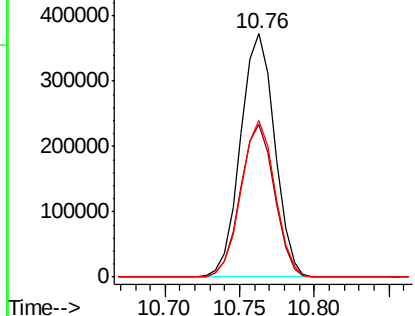


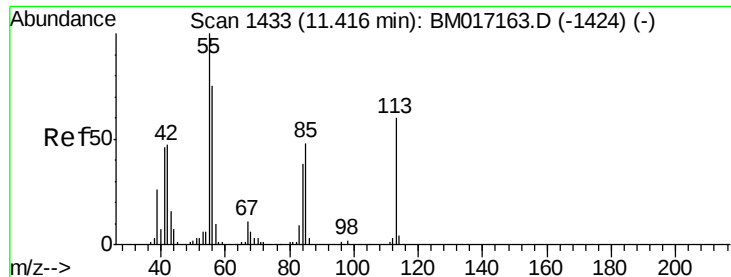
#34
Hexachlorobutadiene
Concen: 42.313 ng
RT: 10.76 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion:225 Resp: 591365
Ion Ratio Lower Upper
225 100
223 62.6 51.0 76.6
227 64.2 50.8 76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

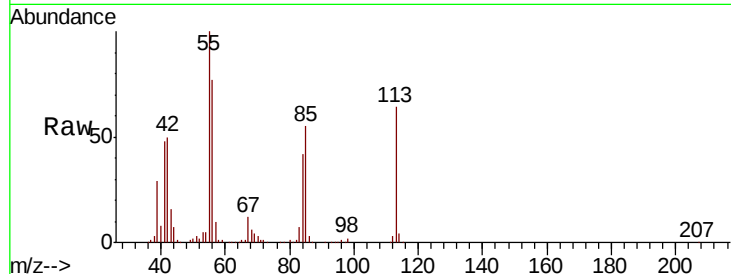




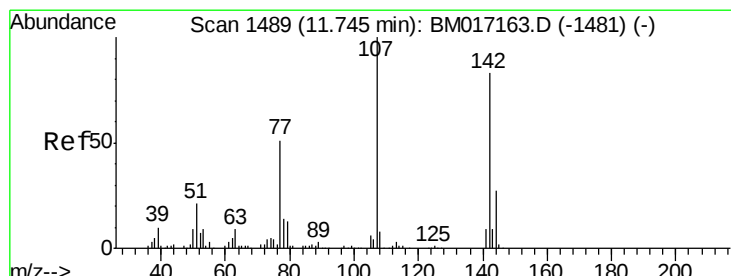
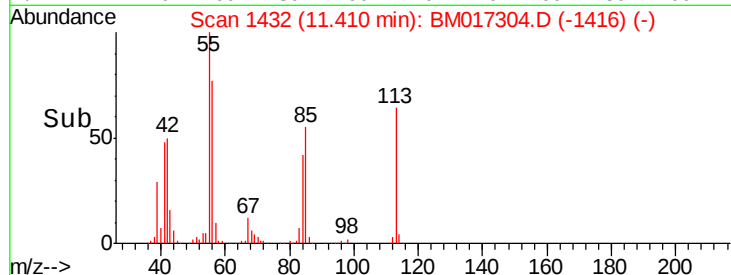
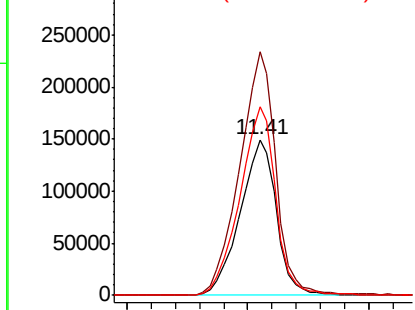
#35
Caprolactam
Concen: 46.577 ng
RT: 11.41 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:113 Resp: 312111
Ion Ratio Lower Upper
113 100
55 156.2 147.0 187.0
56 120.7 104.5 144.5

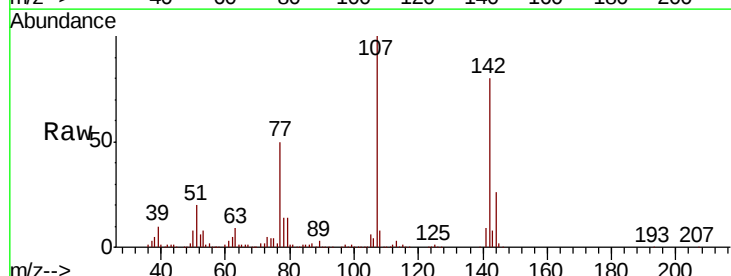


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

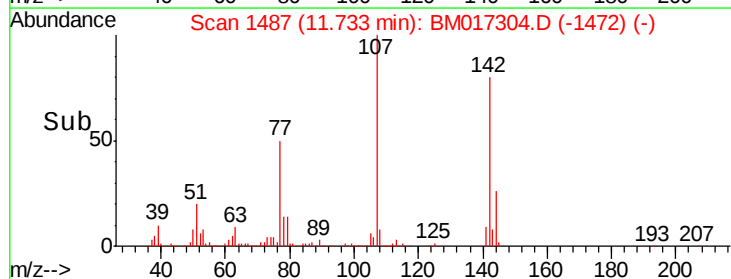
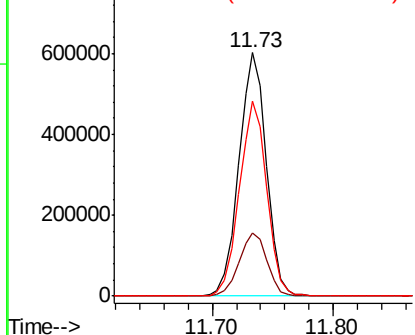


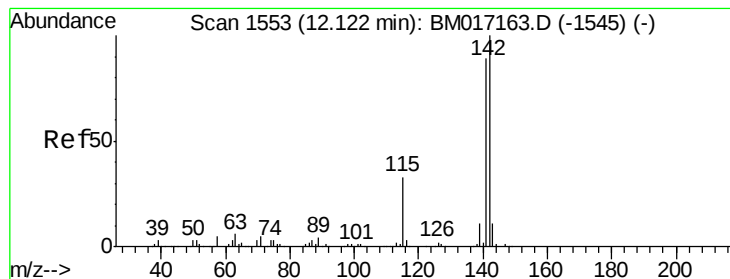
#36
4-Chloro-3-methylphenol
Concen: 46.083 ng
RT: 11.73 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion:107 Resp: 955126
Ion Ratio Lower Upper
107 100
144 25.9 21.6 32.4
142 80.0 66.0 99.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.895 ng

RT: 12.10 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

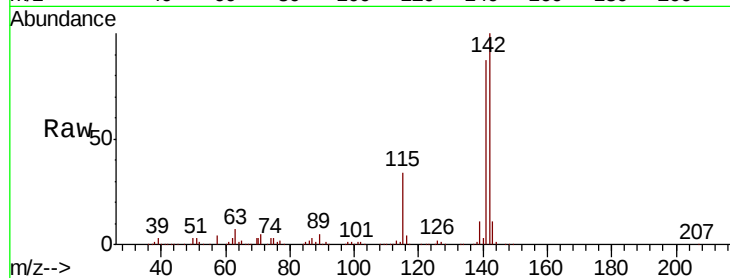
Tot Ion:142 Resp: 1867211

Ion Ratio Lower Upper

142 100

141 87.2 70.9 106.3

115 33.7 26.4 39.6

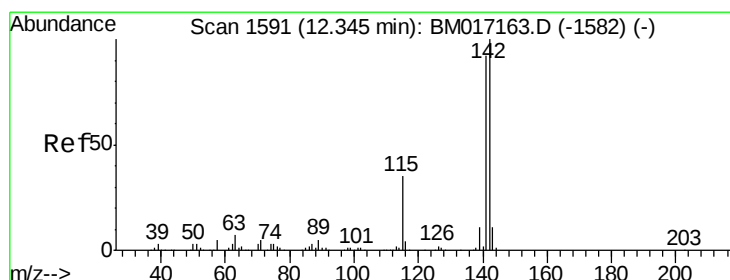
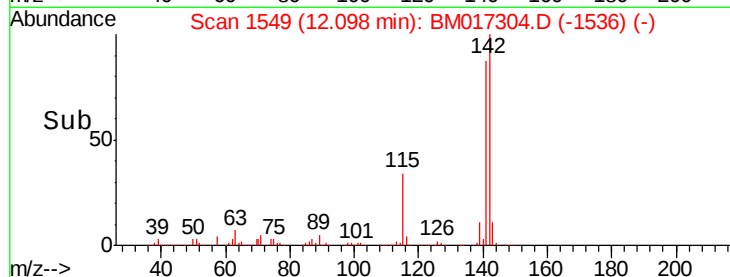
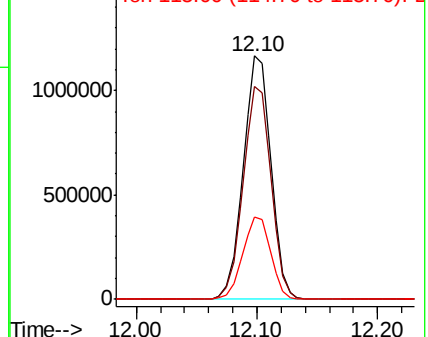


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.014 ng

RT: 12.32 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

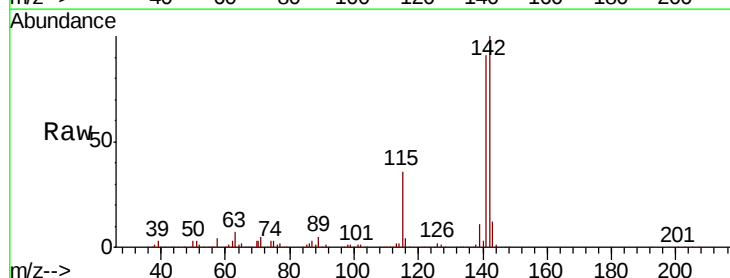
Tgt Ion:142 Resp: 1822276

Ion Ratio Lower Upper

142 100

141 90.8 73.8 110.6

116 3.7 2.9 4.3

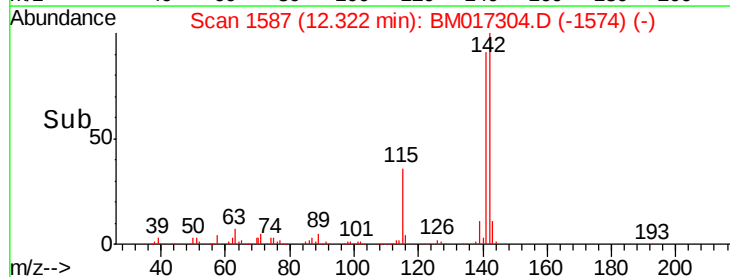
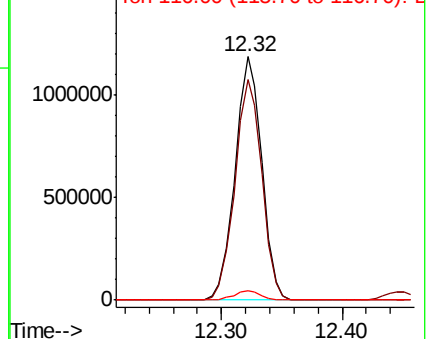


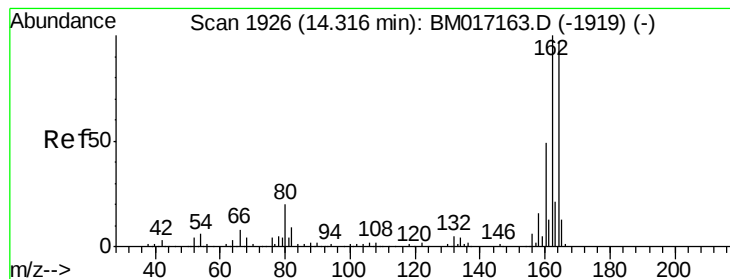
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

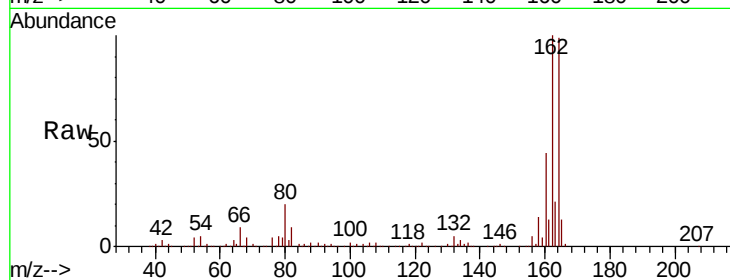
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 743036

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.1	123.1
160	44.5	40.2	60.2

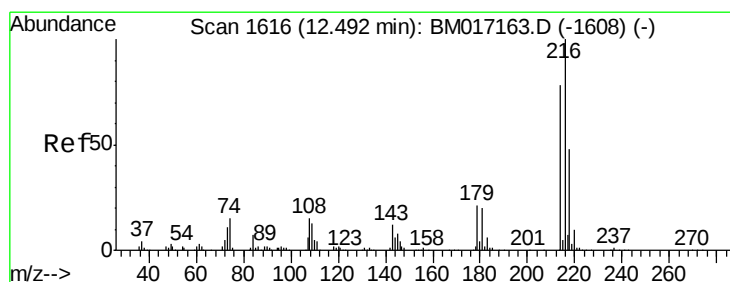
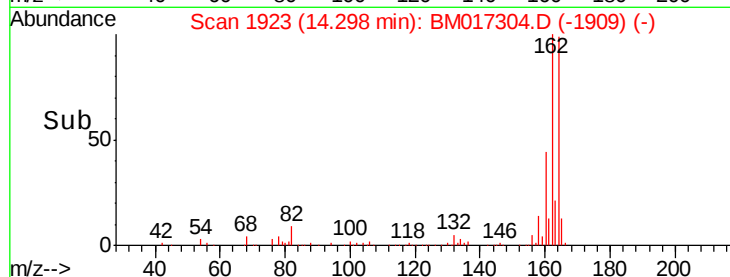
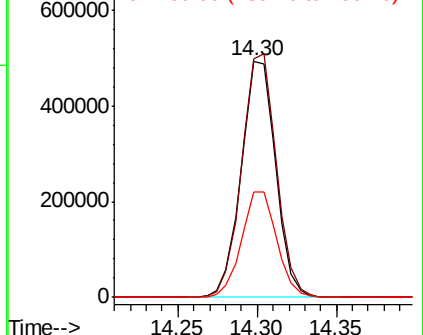


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.875 ng

RT: 12.47 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Tgt Ion:216 Resp: 1121906

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	93.8
179	20.9	16.6	24.8
108	17.3	13.5	20.3

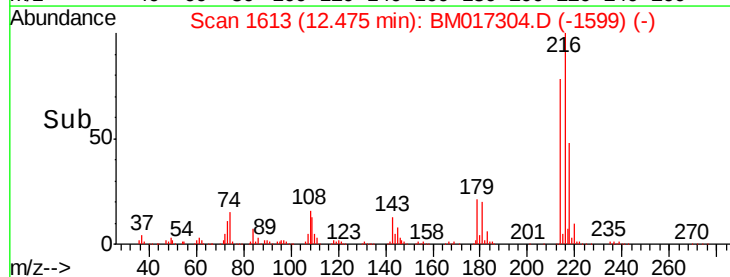
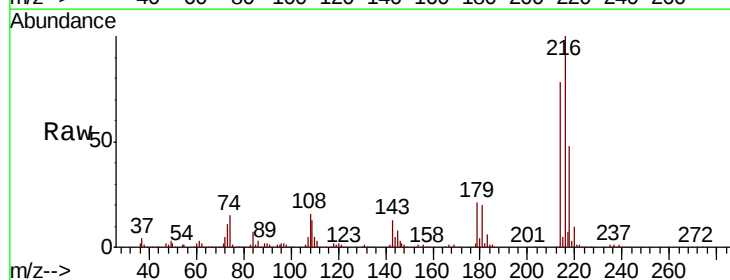
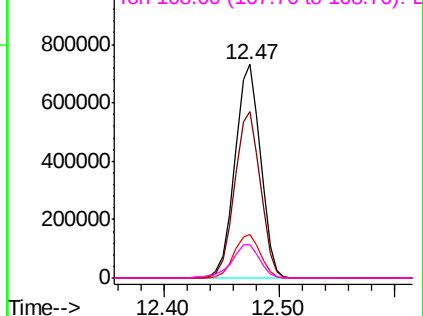
Abundance

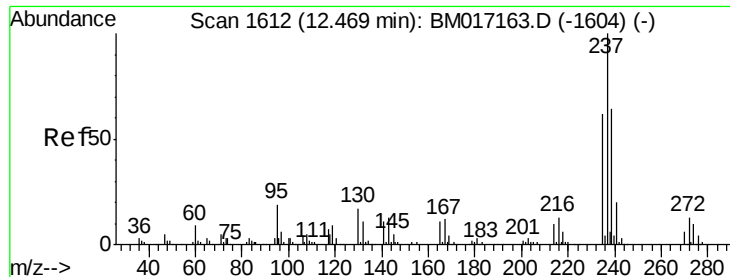
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.644 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

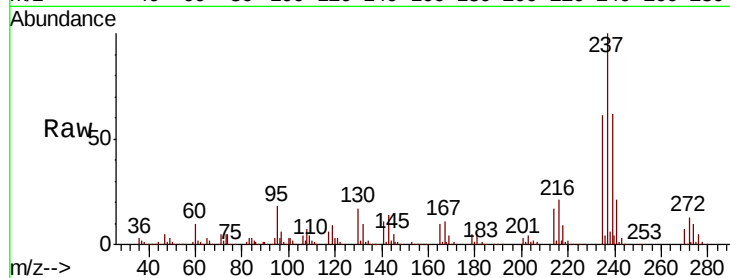
Tot Ion:237 Resp: 552101

Ion Ratio Lower Upper

237 100

235 61.3 42.4 82.4

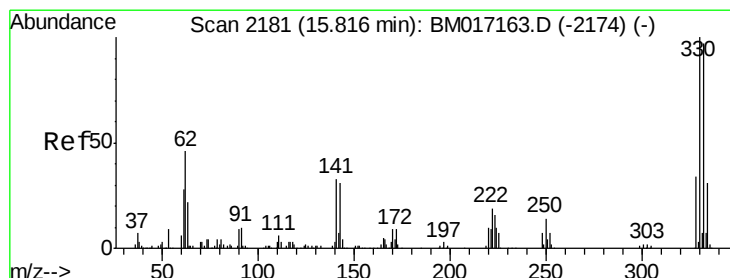
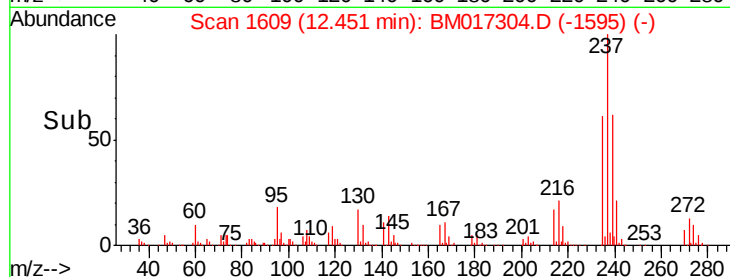
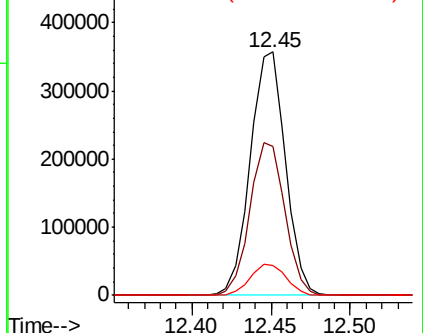
272 12.5 0.0 33.0



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: 94.428 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

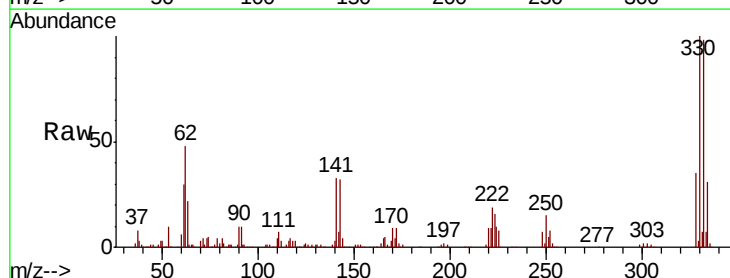
Tgt Ion:330 Resp: 948853

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

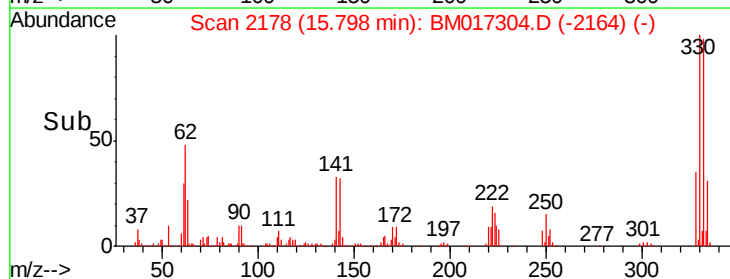
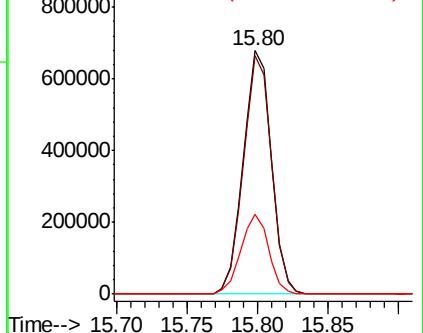
141 32.5 27.4 41.0

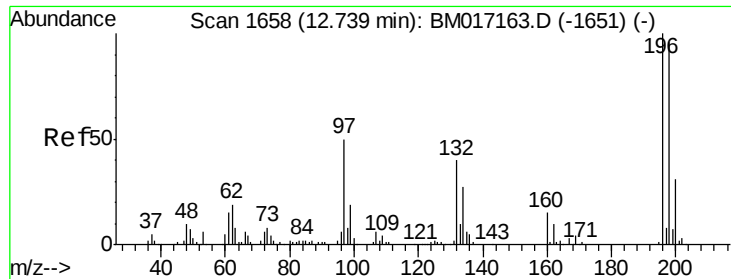


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

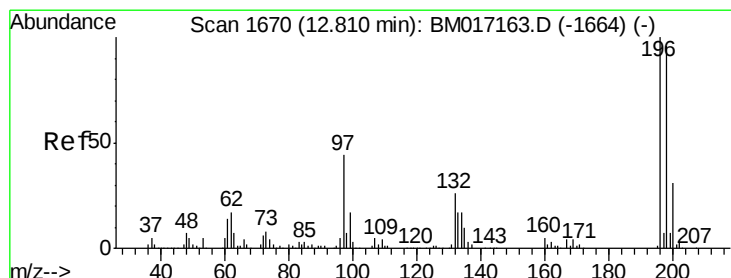
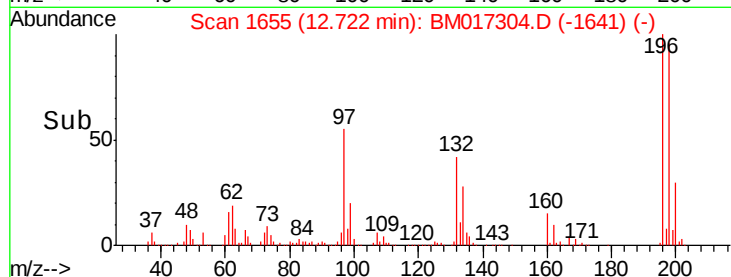
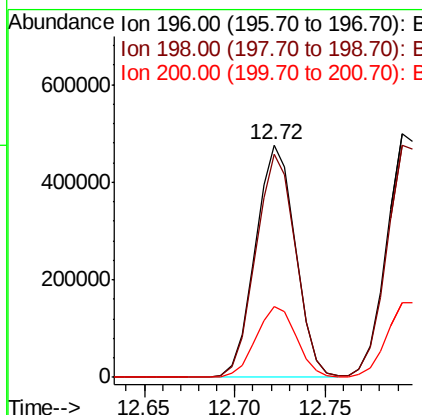
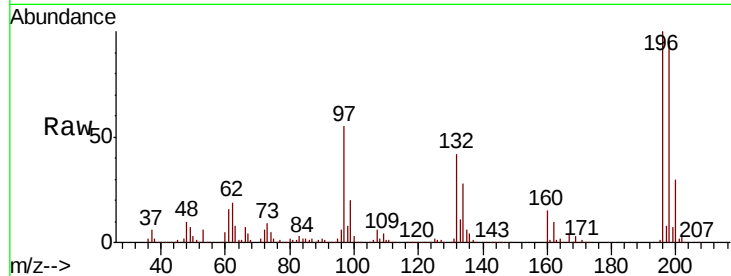




#43
 2,4,6-Trichlorophenol
 Concen: 48.077 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

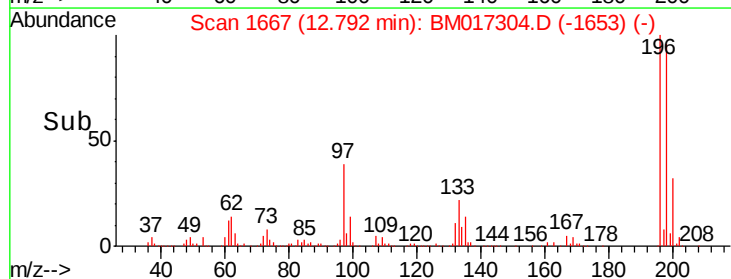
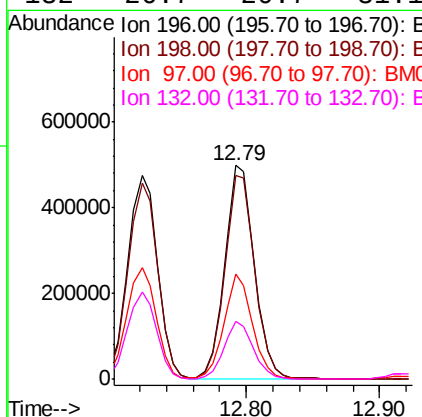
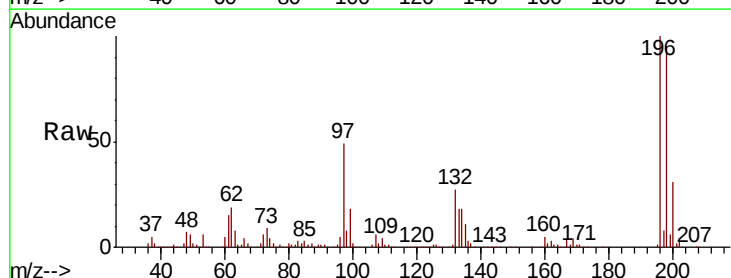
Instrument :
 BNA_M
 ClientSampleId :

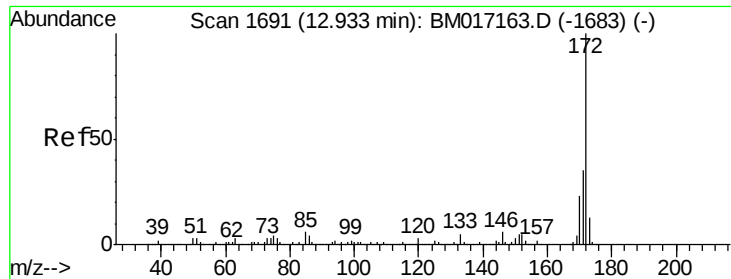
Tot Ion:196 Resp: 730290
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.1 115.7
 200 30.5 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 47.325 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Tgt Ion:196 Resp: 770863
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.6 115.0
 97 49.0 35.5 53.3
 132 26.7 20.7 31.1



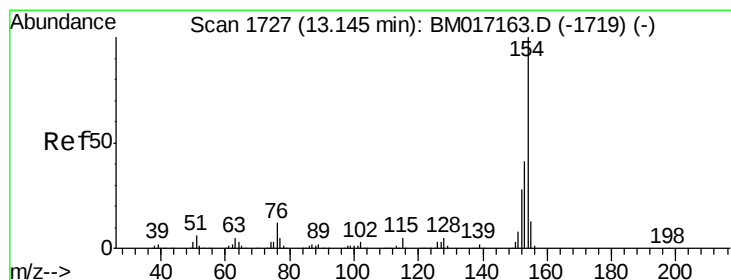
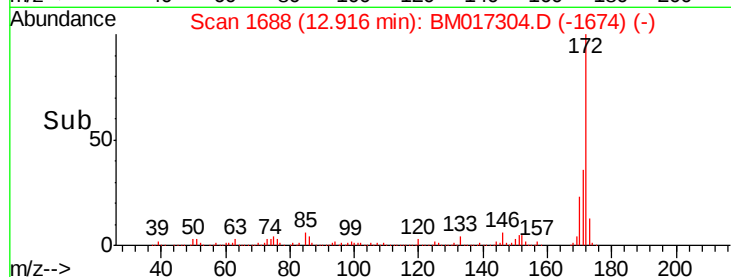
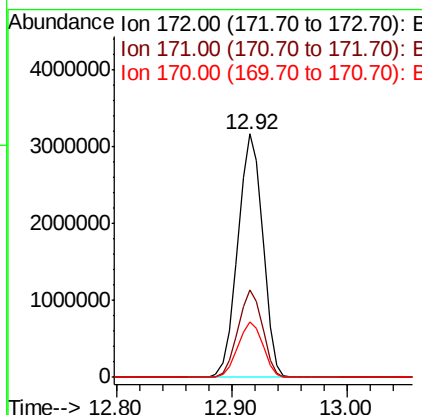
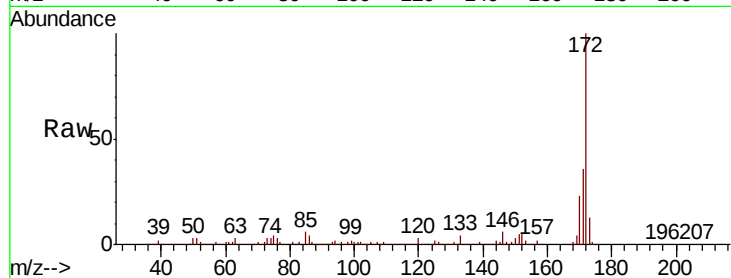


#45
 2-Fluorobiphenyl
 Concen: 84.924 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 4742525

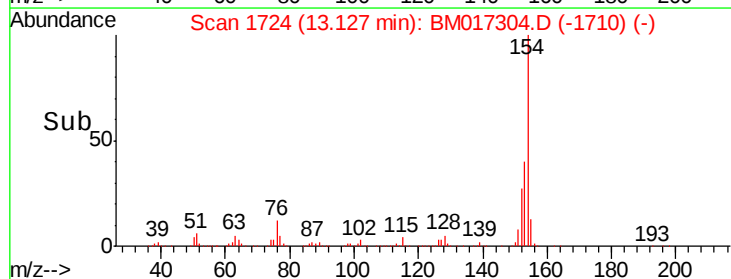
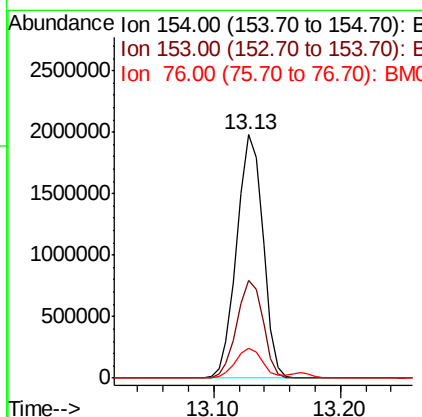
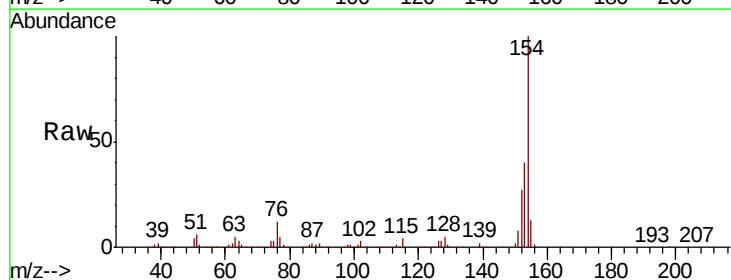
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	22.8	18.3	27.5

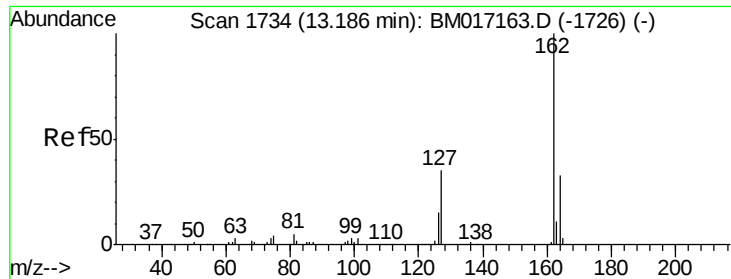


#46
 1,1'-Biphenyl
 Concen: 42.401 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Tgt Ion:154 Resp: 2835176

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	12.3	0.0	31.8

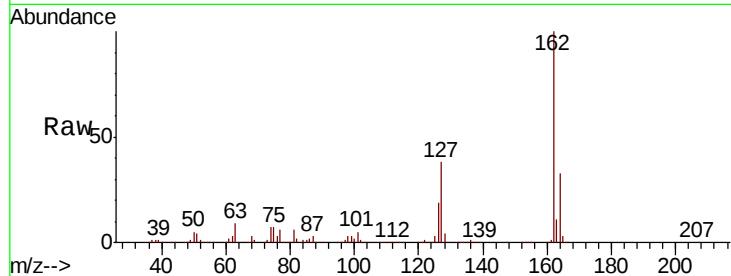




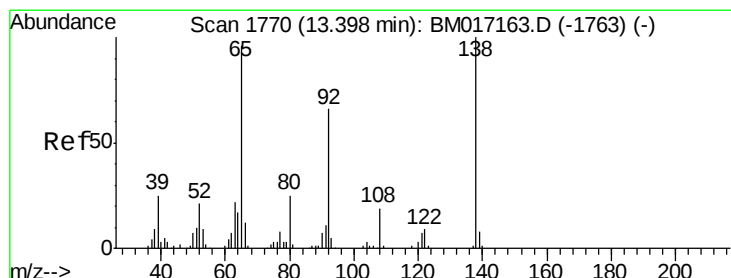
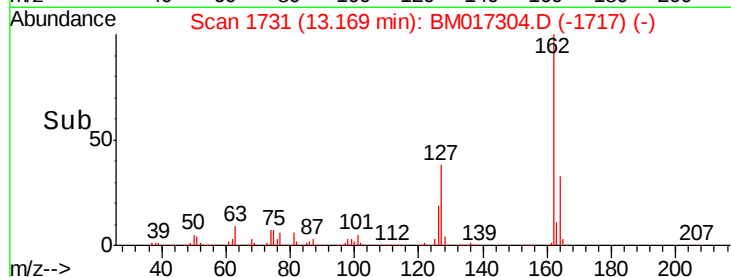
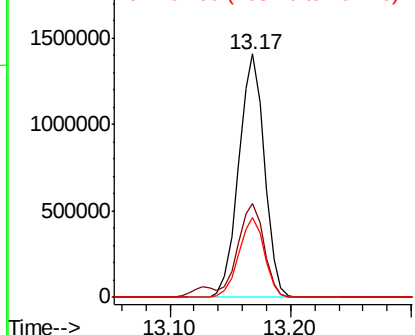
#47
2-Chloronaphthalene
Concen: 42.462 ng
RT: 13.17 min Scan# 1731
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 2088762
Ion Ratio Lower Upper
162 100
127 38.4 31.0 46.4
164 32.8 26.6 39.8

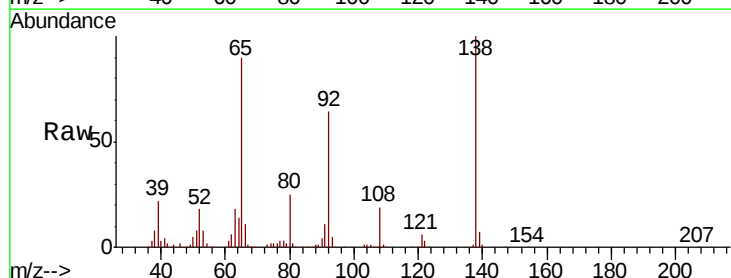


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

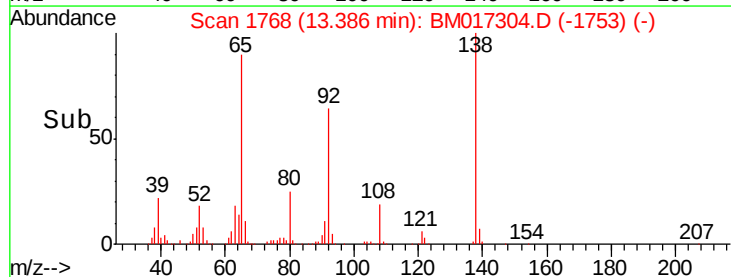
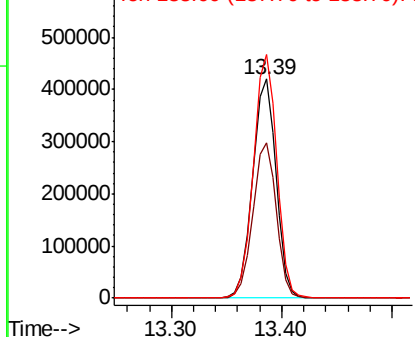


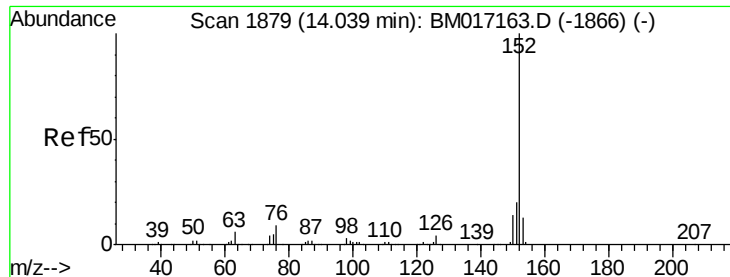
#48
2-Nitroaniline
Concen: 45.682 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion: 65 Resp: 630525
Ion Ratio Lower Upper
65 100
92 71.0 54.9 82.3
138 111.2 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: 44.297 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

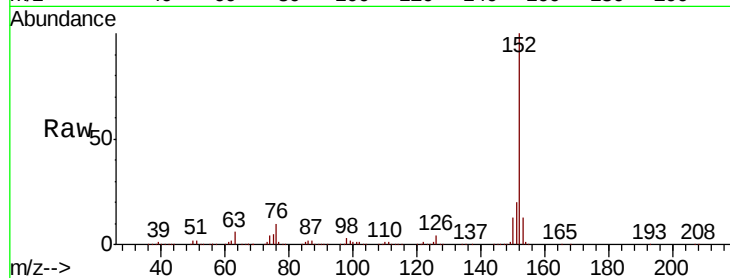
Tot Ion:152 Resp: 3158453

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.1	10.4	15.6

152 100

151 19.7 16.0 24.0

153 13.1 10.4 15.6

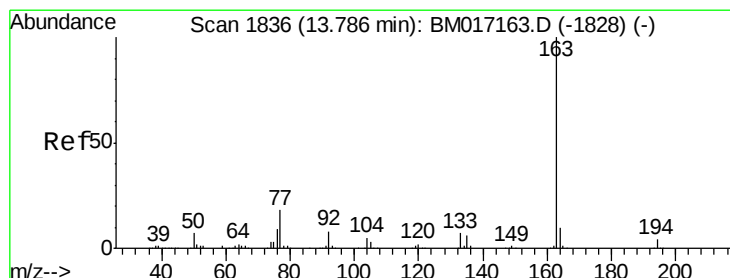
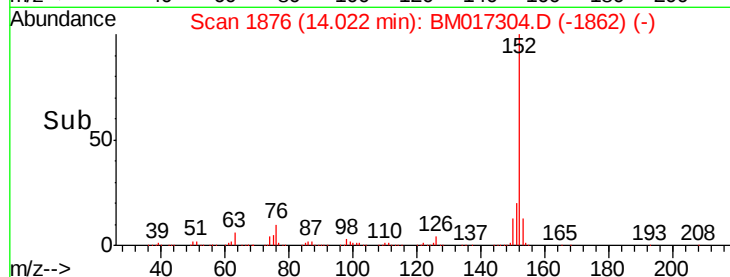
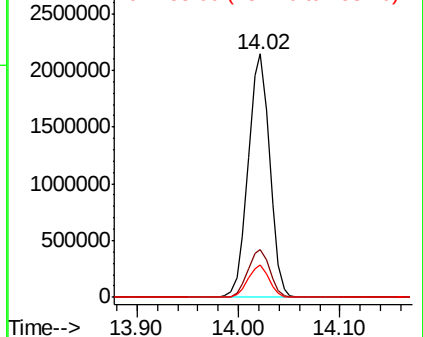


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.583 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

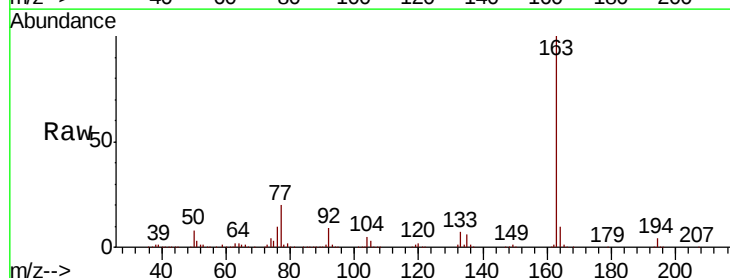
Tgt Ion:163 Resp: 2555742

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	7.8	11.8

163 100

194 4.0 3.3 4.9

164 10.1 7.8 11.8

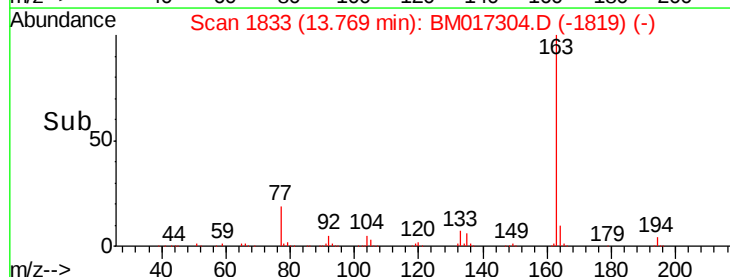
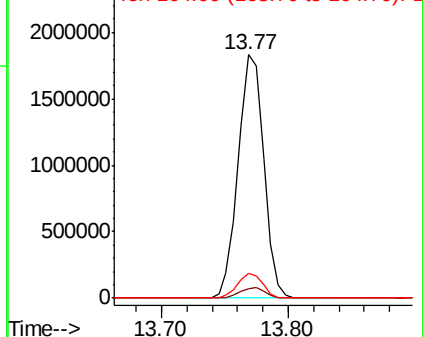


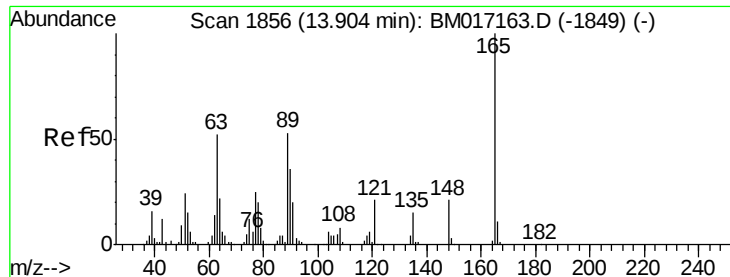
Abundance

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

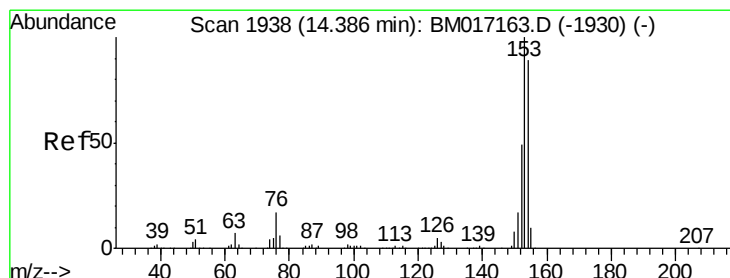
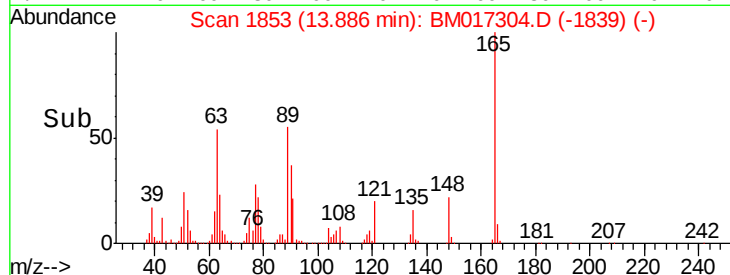
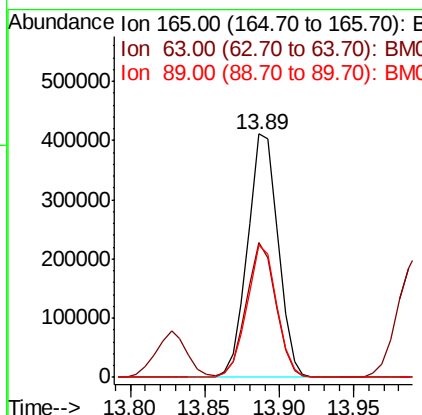
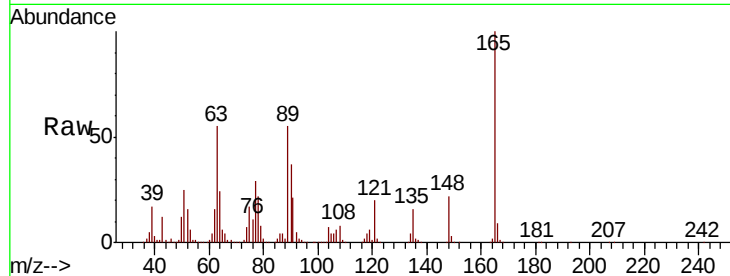




#51
 2,6-Dinitrotoluene
 Concen: 46.029 ng
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

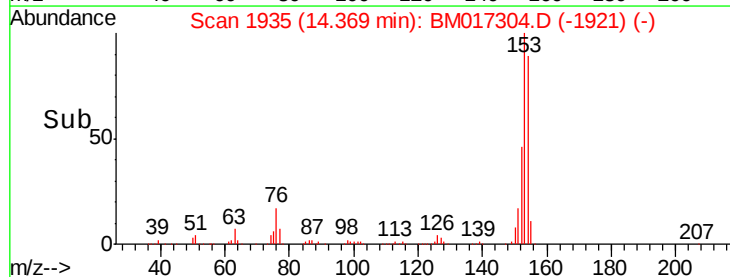
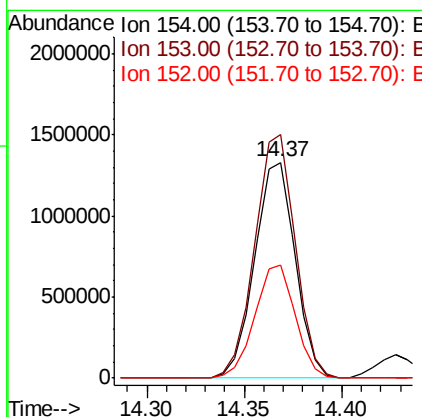
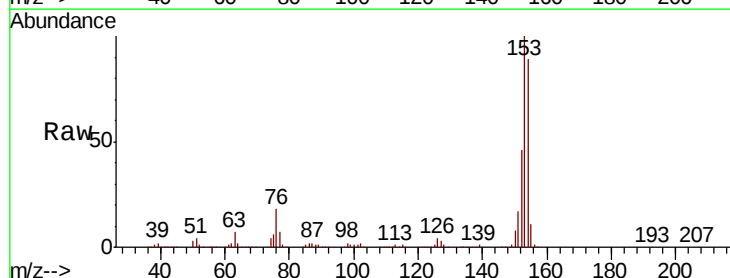
Instrument :
 BNA_M
 ClientSampled :

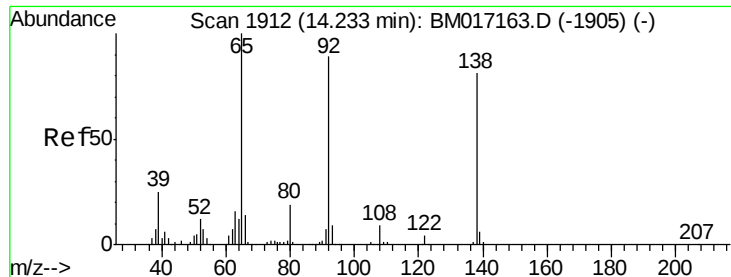
Tot Ion:165 Resp: 580747
 Ion Ratio Lower Upper
 165 100
 63 55.2 42.7 64.1
 89 54.5 42.1 63.1



#52
 Acenaphthene
 Concen: 42.748 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Tgt Ion:154 Resp: 1913782
 Ion Ratio Lower Upper
 154 100
 153 112.9 90.2 135.2
 152 52.2 44.2 66.4

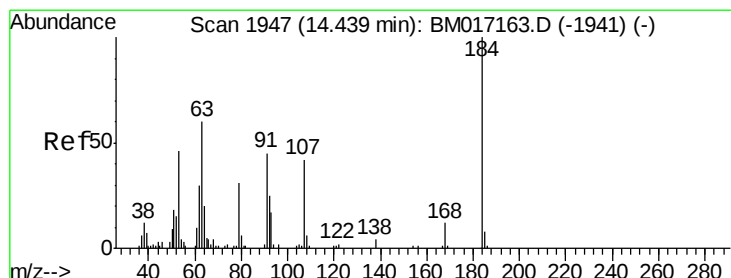
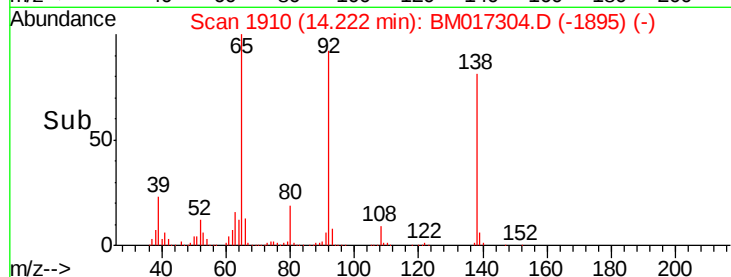
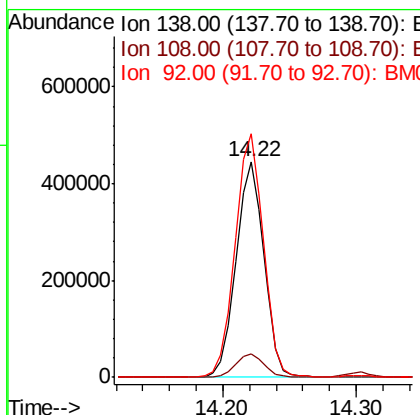
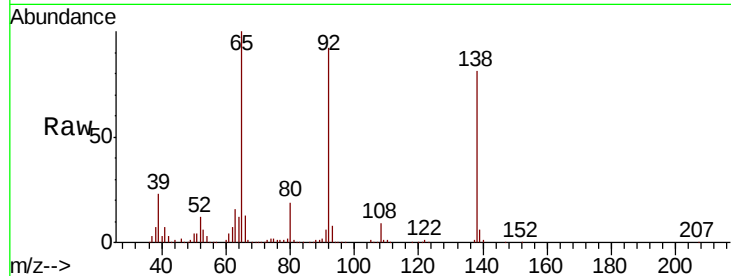




#53
 3-Nitroaniline
 Concen: 47.316 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

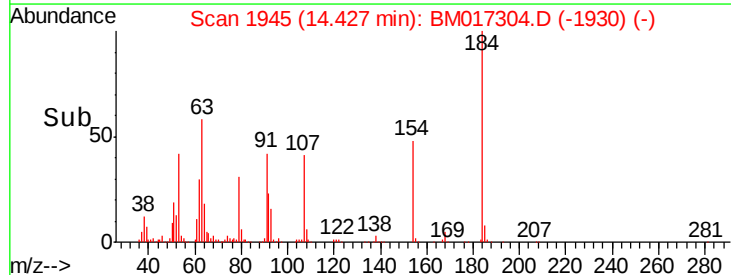
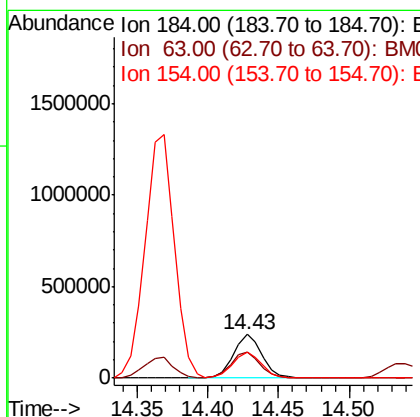
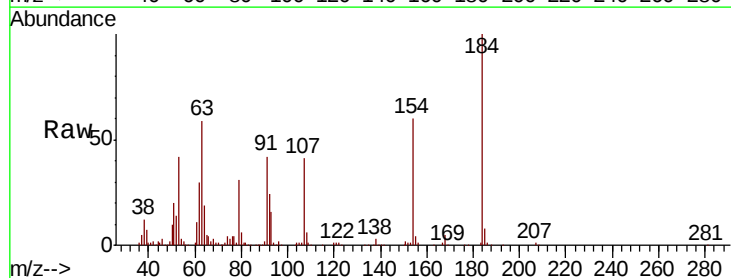
Instrument :
 BNA_M
 ClientSampleId :

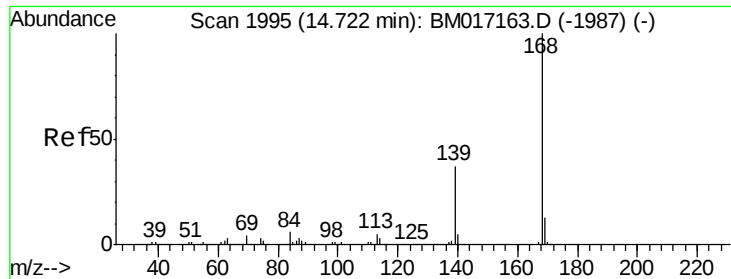
Tot Ion:138 Resp: 646573
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.7 13.1
 92 113.0 87.9 131.9



#54
 2,4-Dinitrophenol
 Concen: 48.896 ng
 RT: 14.43 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Tgt Ion:184 Resp: 335533
 Ion Ratio Lower Upper
 184 100
 63 58.8 51.2 76.8
 154 59.8 47.8 71.8

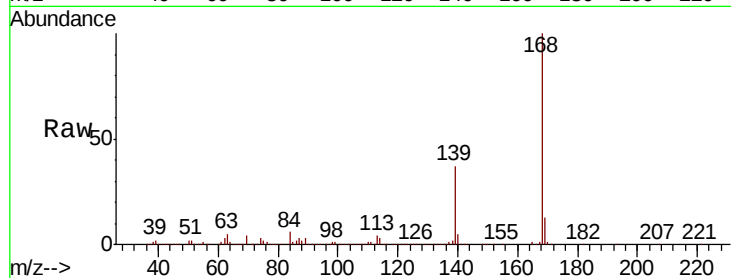




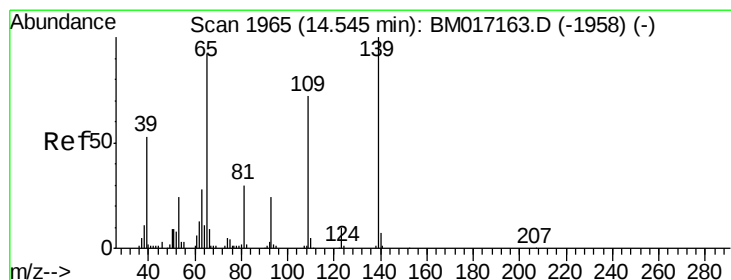
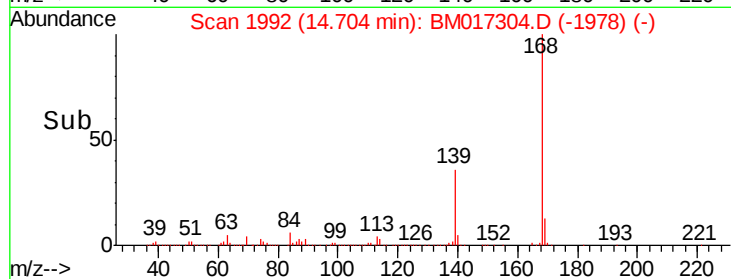
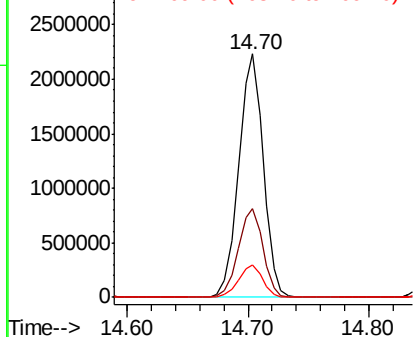
#55
 Dibenzofuran
 Concen: 42.333 ng
 RT: 14.70 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:168 Resp: 3151653
 Ion Ratio Lower Upper
 168 100
 139 36.5 29.3 43.9
 169 13.5 10.6 15.8

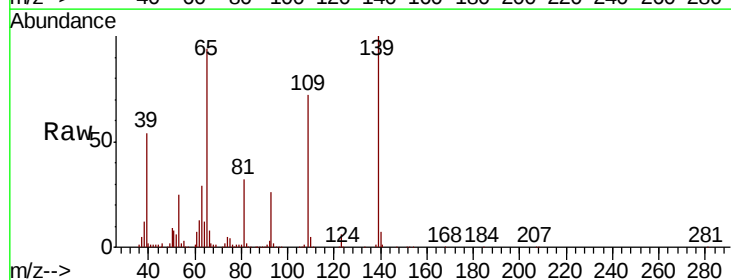


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

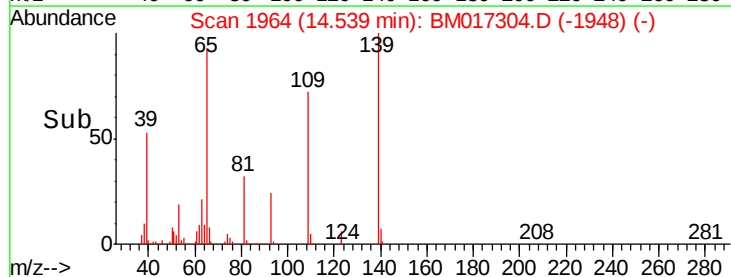
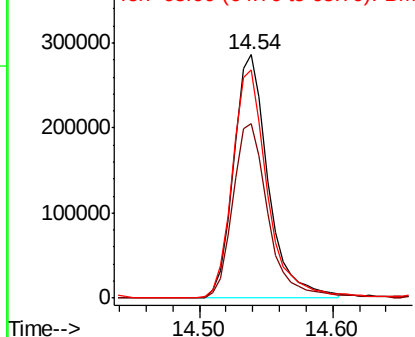


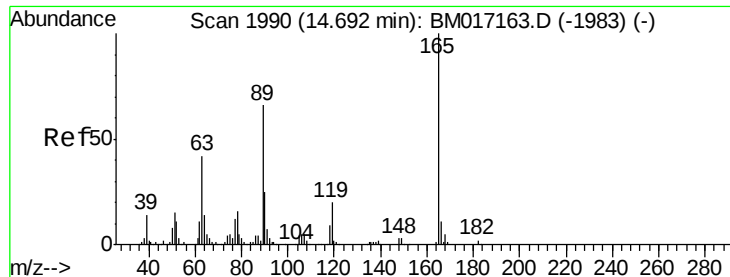
#56
 4-Nitrophenol
 Concen: 43.649 ng
 RT: 14.54 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Tgt Ion:139 Resp: 515238
 Ion Ratio Lower Upper
 139 100
 109 71.8 51.8 91.8
 65 93.7 72.1 112.1



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

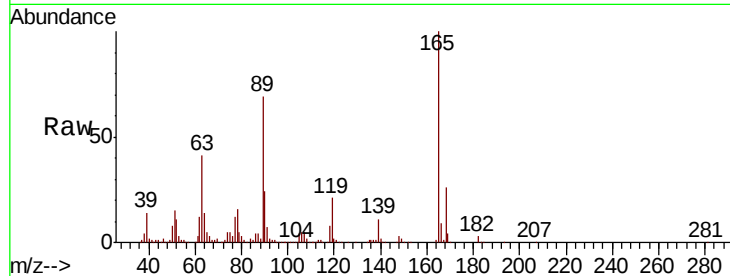




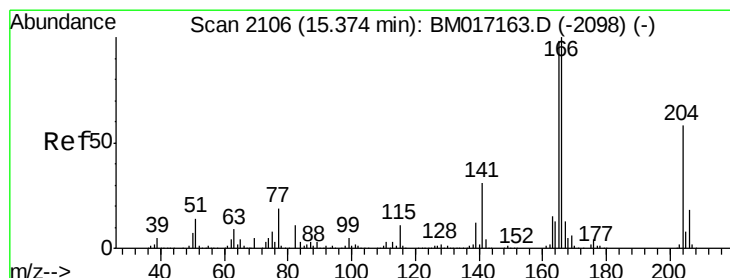
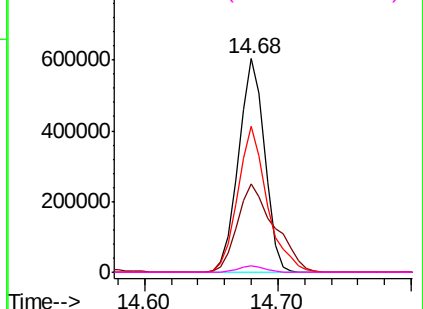
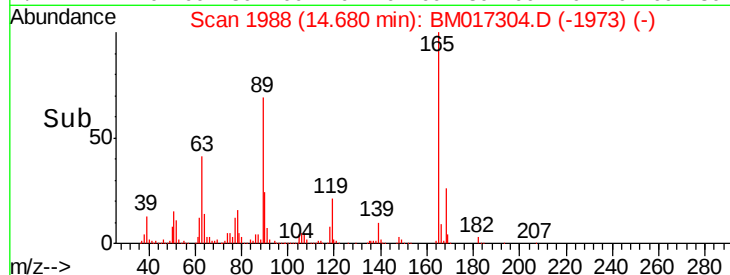
#57
2,4-Dinitrotoluene
Concen: 48.258 ng
RT: 14.68 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 818361
Ion Ratio Lower Upper
165 100
63 41.3 33.8 50.8
89 68.6 53.1 79.7
182 3.0 2.0 3.0

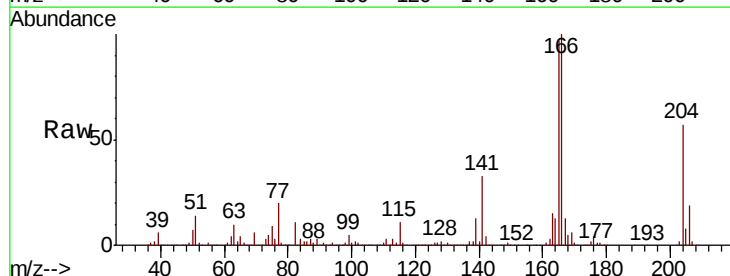


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

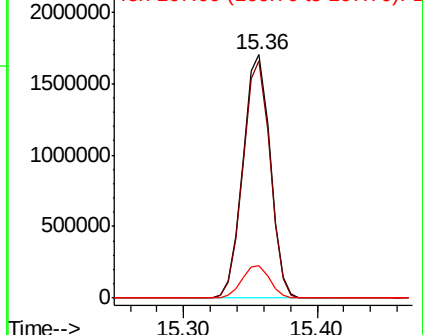
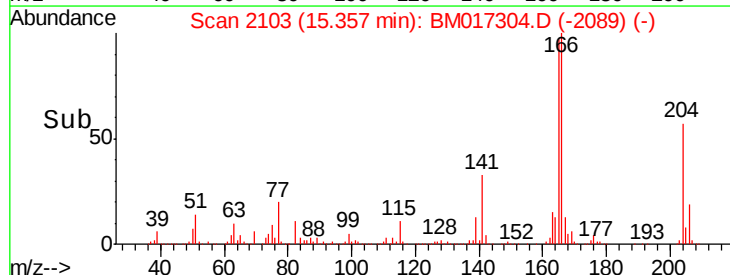


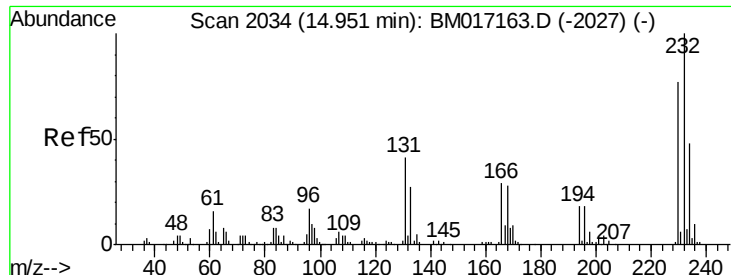
#58
Fluorene
Concen: 43.392 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion:166 Resp: 2391129
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

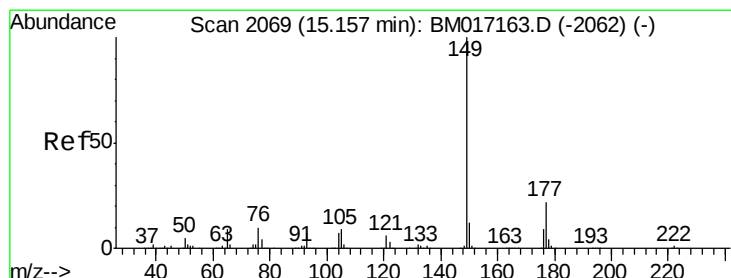
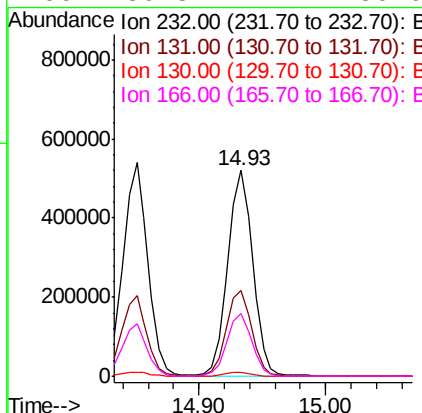
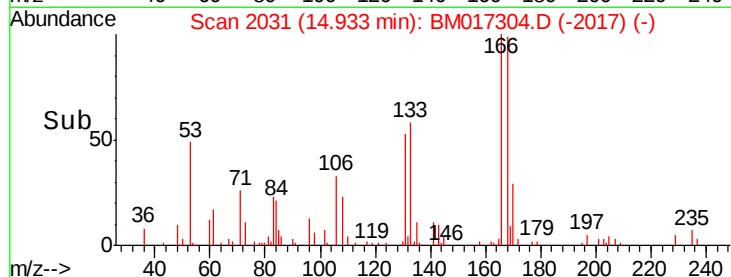
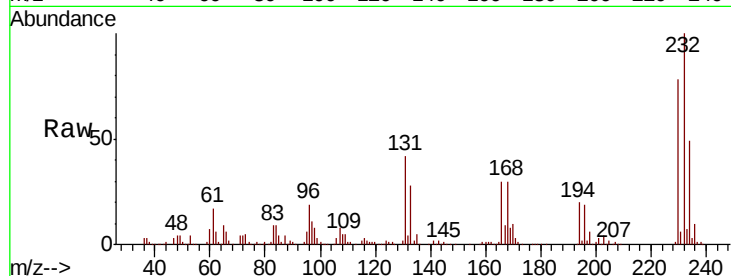




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.585 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

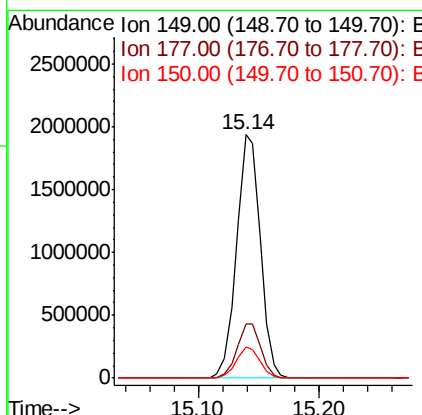
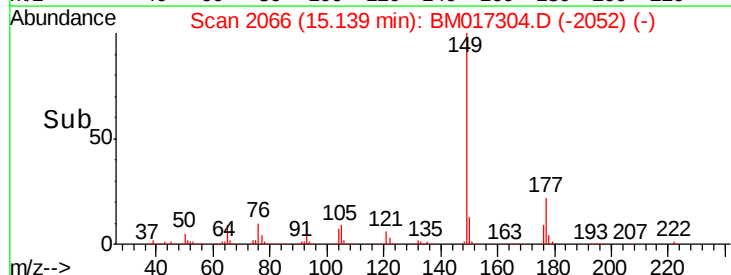
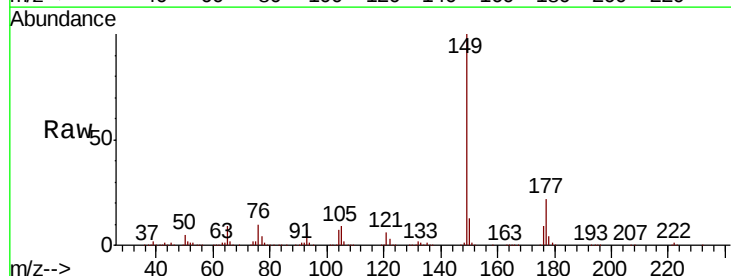
Instrument :
 BNA_M
 ClientSampled :

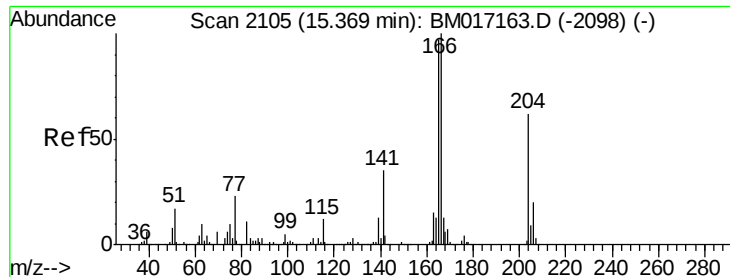
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.9	33.1	49.7
130	2.2	1.7	2.5
166	30.8	24.4	36.6



#60
 Diethylphthalate
 Concen: 46.610 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.8	10.0	15.0

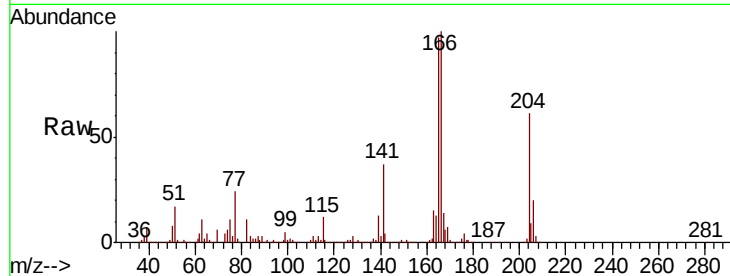




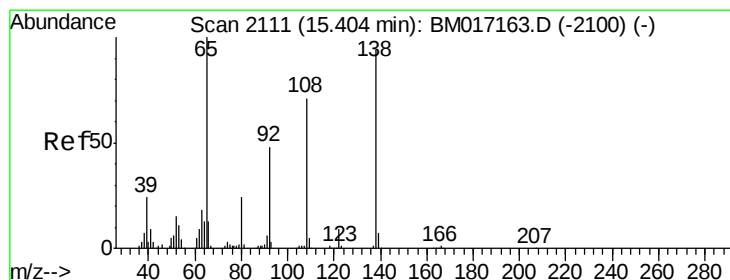
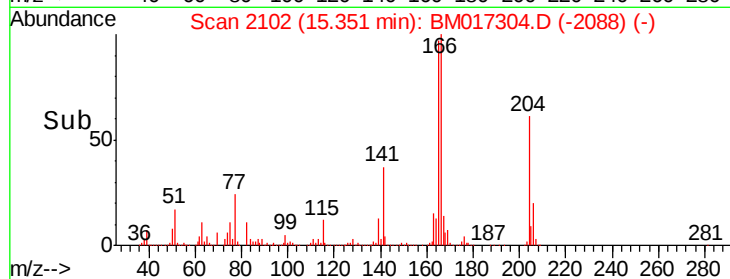
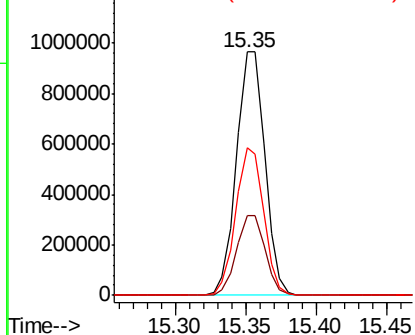
#61
4-Chlorophenyl-phenylether
Concen: 43.311 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1360644
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 60.7 45.4 68.2

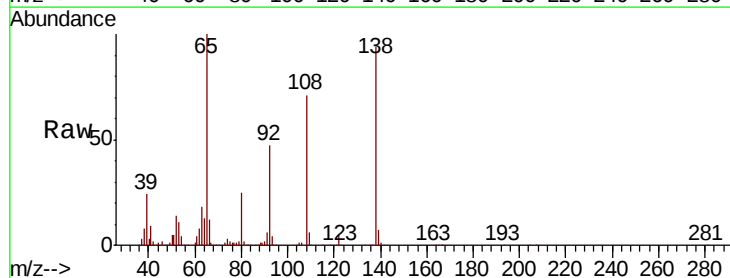


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

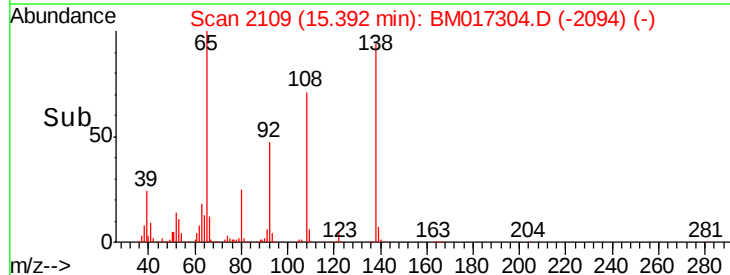
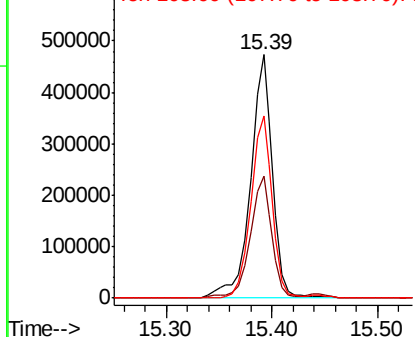


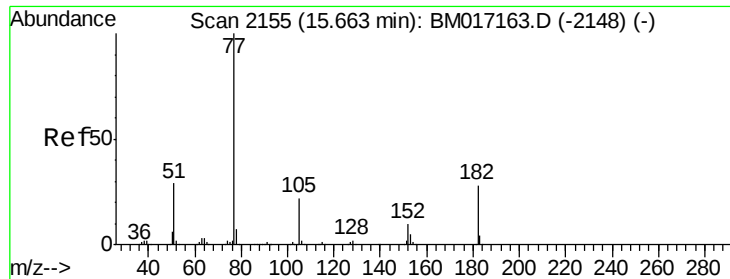
#62
4-Nitroaniline
Concen: 45.409 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion:138 Resp: 688146
Ion Ratio Lower Upper
138 100
92 50.0 31.2 71.2
108 74.6 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E



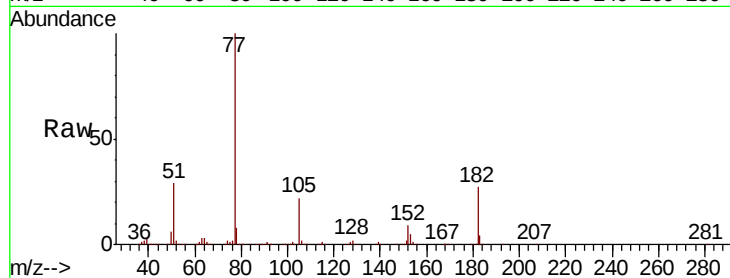


#63
Azobenzene
Concen: 43.754 ng
RT: 15.64 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2417759

Ion	Ratio	Lower	Upper
77	100		
182	26.8	8.3	48.3
105	21.5	1.5	41.5
51	29.0	8.8	48.8

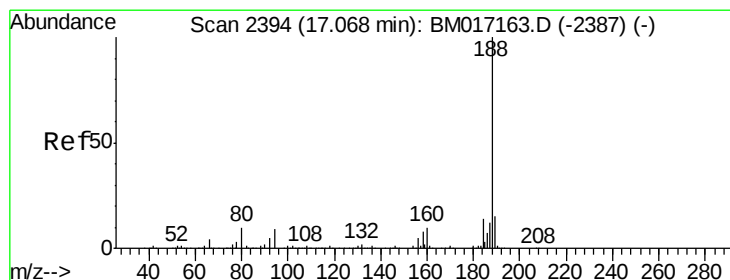
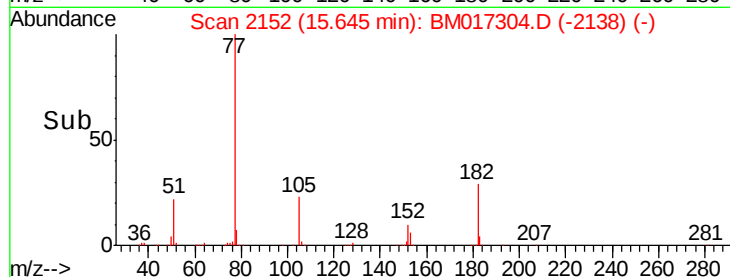
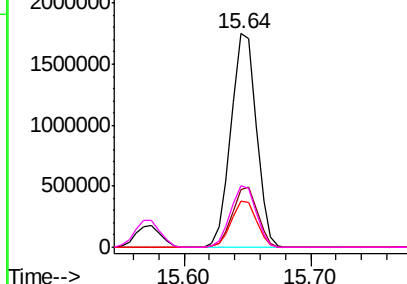


Abundance Ion 77.00 (76.70 to 77.70): BM017304.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017304.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017304.D (-2148) (-)

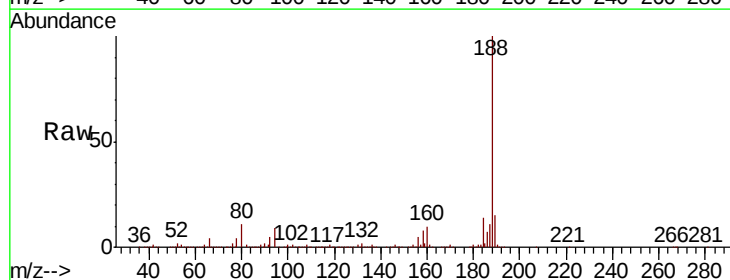
Ion 51.00 (50.70 to 51.70): BM017304.D (-2148) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion: 188 Resp: 1750304

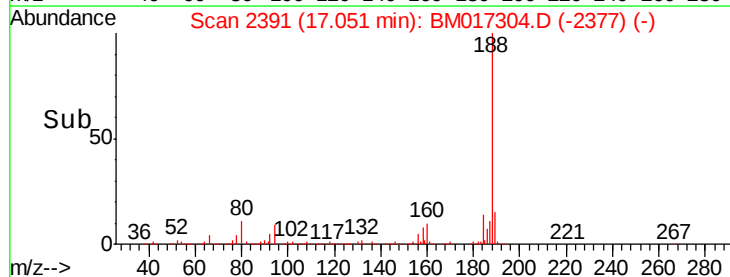
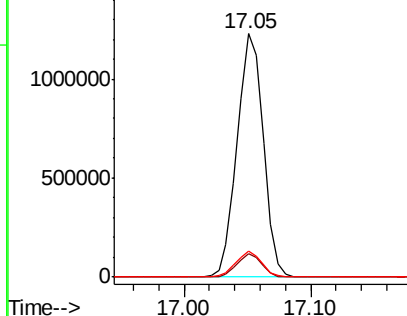
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.4
80	10.6	7.7	11.5

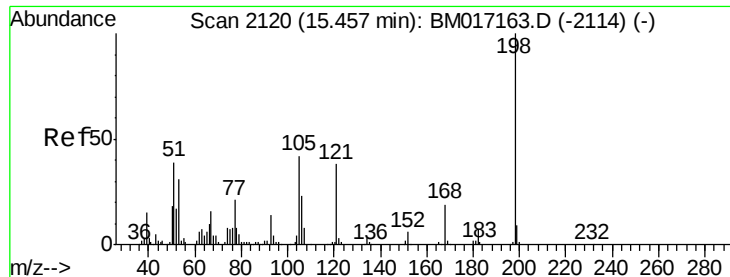


Abundance Ion 188.00 (187.70 to 188.70): BM017304.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017304.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017304.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 45.953 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

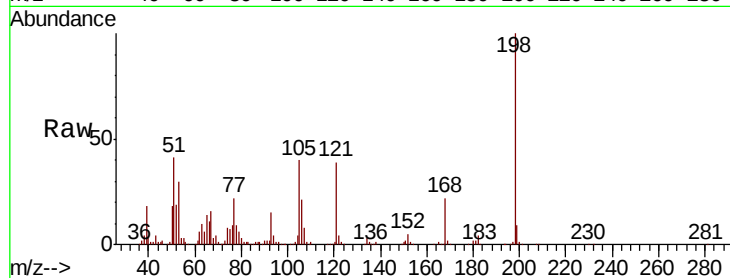
Tot Ion:198 Resp: 512563

Ion	Ratio	Lower	Upper
198	100		
51	40.7	20.3	60.3
105	40.4	21.9	61.9

198 100

51 40.7 20.3 60.3

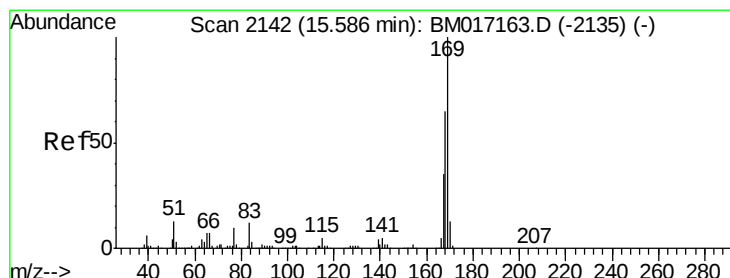
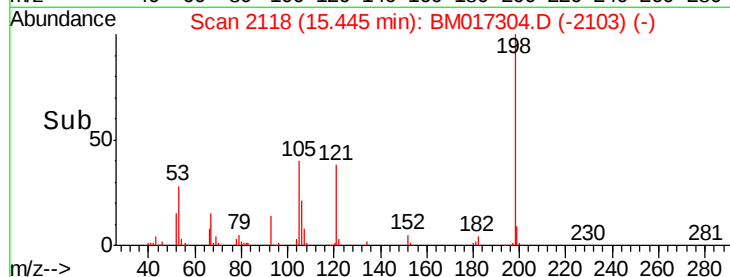
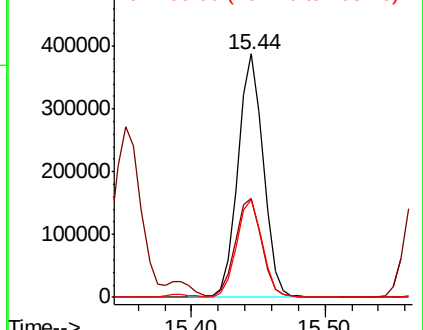
105 40.4 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.040 ng

RT: 15.57 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

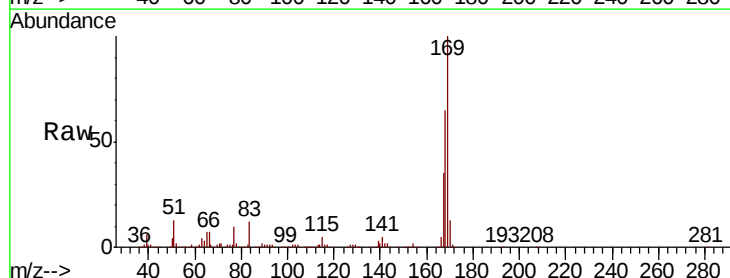
Tgt Ion:169 Resp: 2332163

Ion	Ratio	Lower	Upper
169	100		
168	65.0	52.2	78.4
167	34.8	28.4	42.6

169 100

168 65.0 52.2 78.4

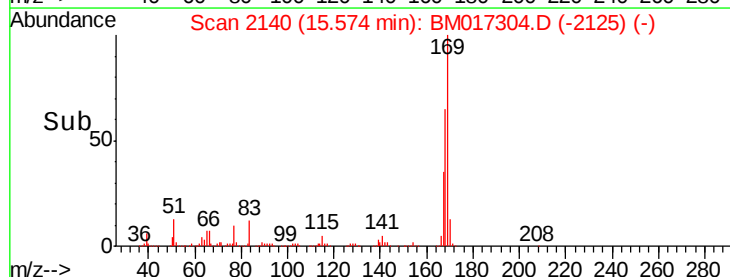
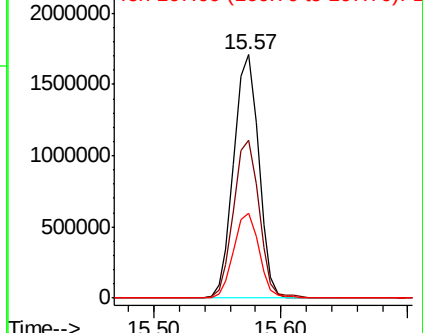
167 34.8 28.4 42.6

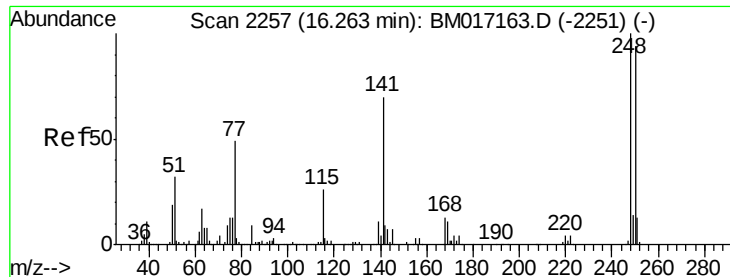


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

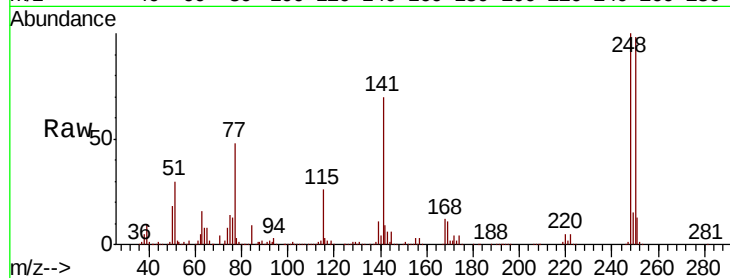




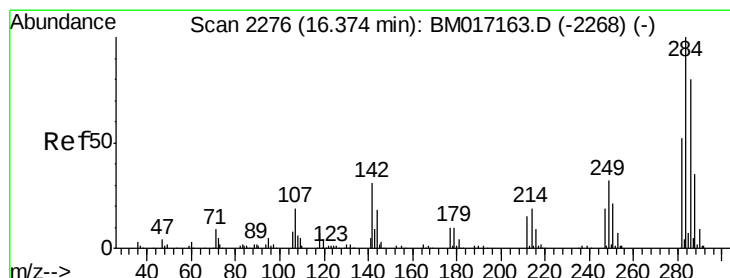
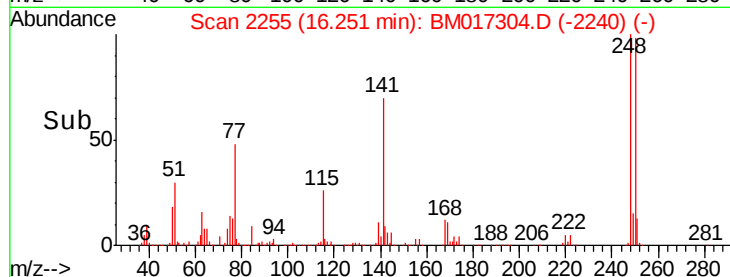
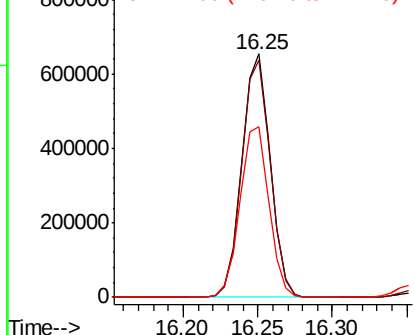
#67
4-Bromophenyl-phenylether
Concen: 44.750 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 860025
Ion Ratio Lower Upper
248 100
250 97.6 75.1 112.7
141 70.2 55.6 83.4

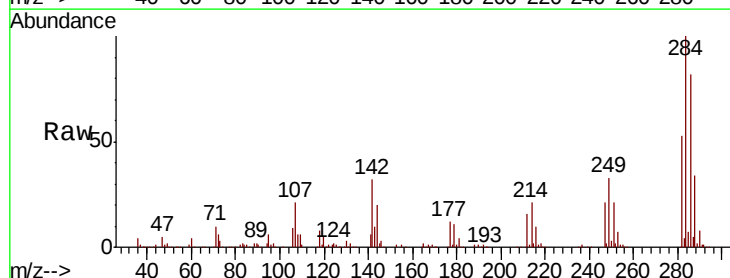


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

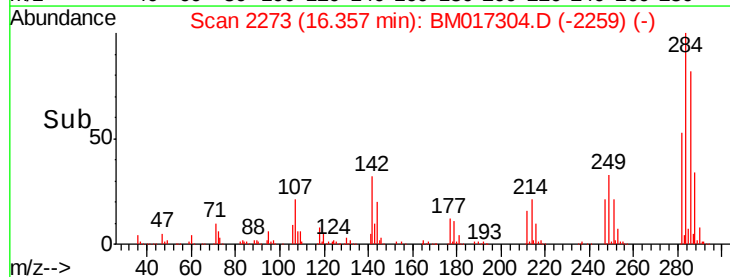
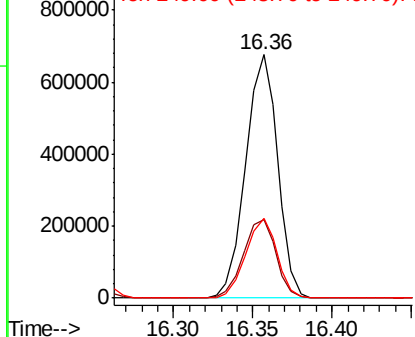


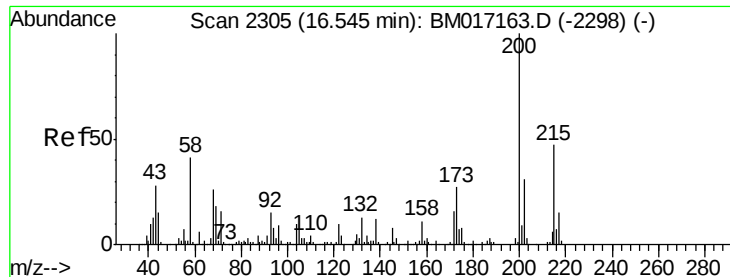
#68
Hexachlorobenzene
Concen: 42.539 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion:284 Resp: 949657
Ion Ratio Lower Upper
284 100
142 32.4 25.0 37.6
249 32.8 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: 45.181 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampled :

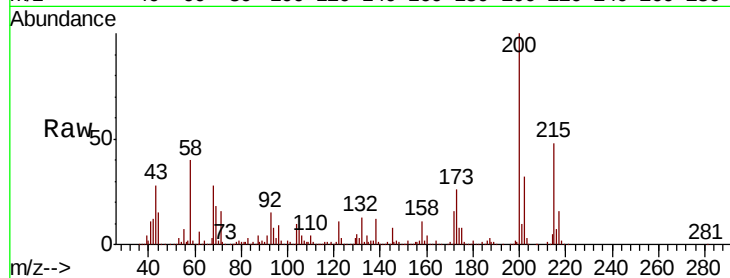
Tot Ion:200 Resp: 856318

Ion Ratio Lower Upper

200 100

173 26.4 7.0 47.0

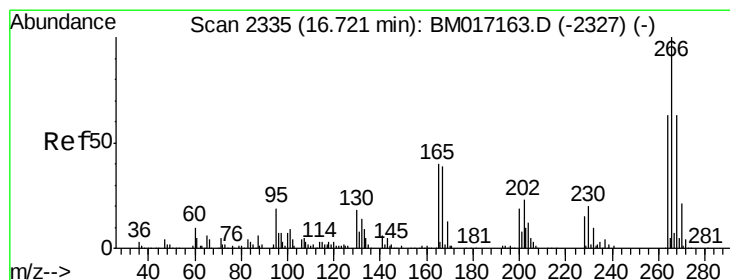
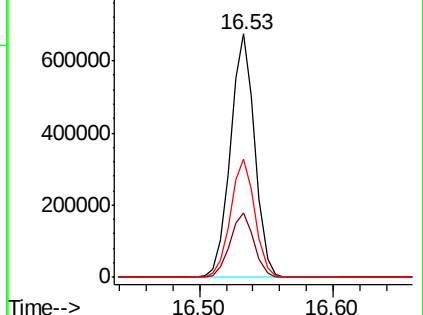
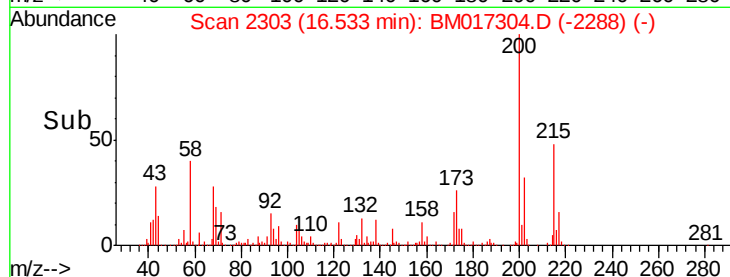
215 48.3 27.3 67.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 46.573 ng

RT: 16.70 min Scan# 2332

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

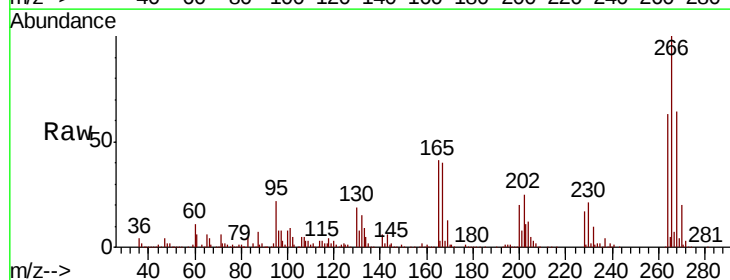
Tgt Ion:266 Resp: 712228

Ion Ratio Lower Upper

266 100

268 64.1 50.7 76.1

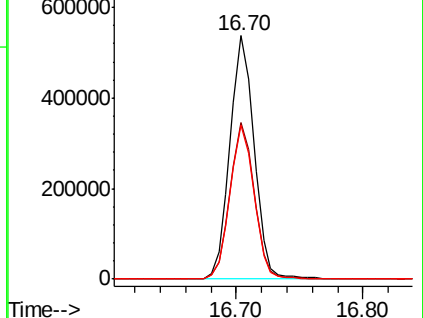
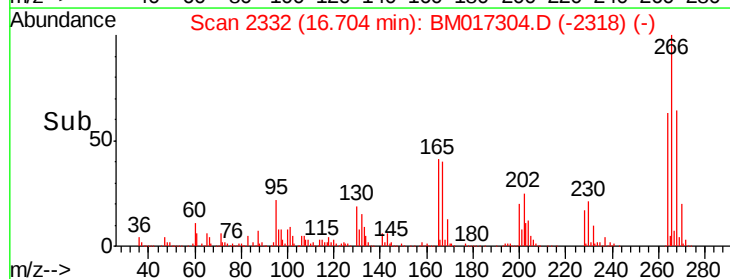
264 63.2 50.4 75.6

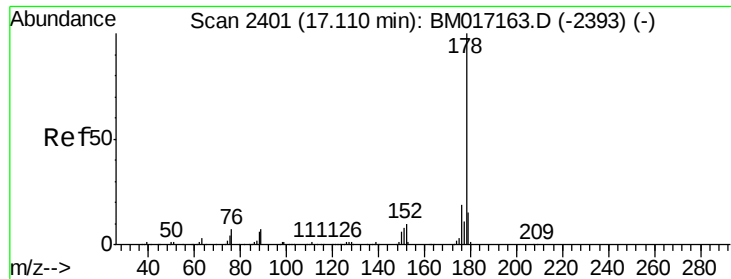


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

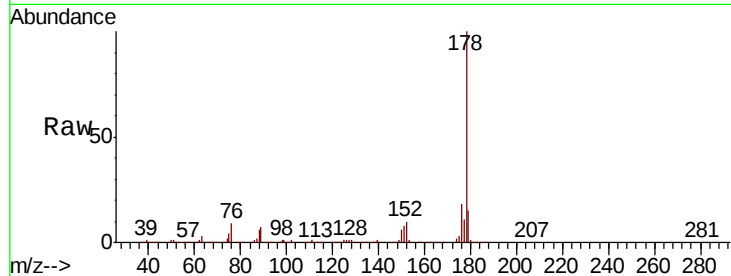




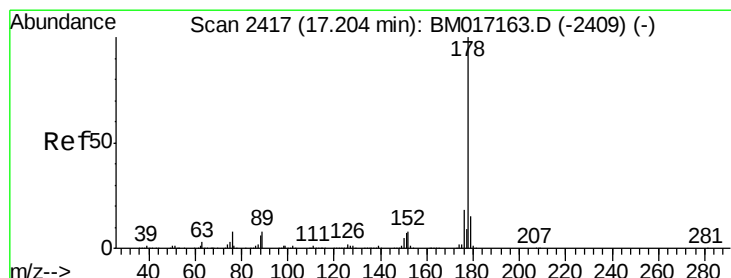
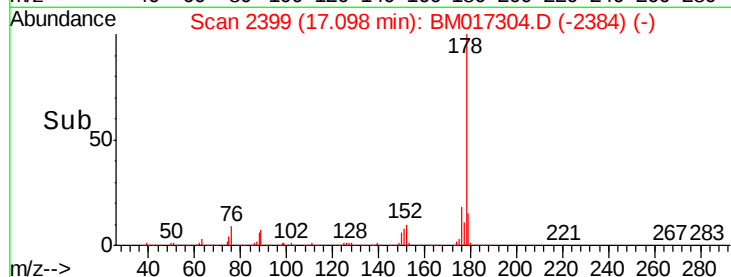
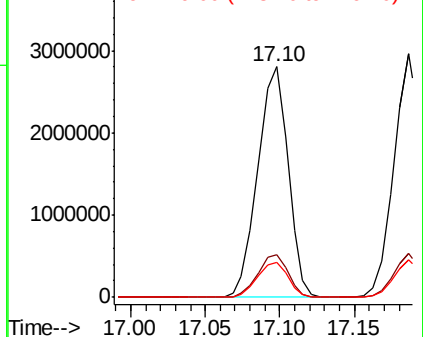
#71
Phenanthrene
Concen: 41.750 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 3942633
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.2 12.3 18.5

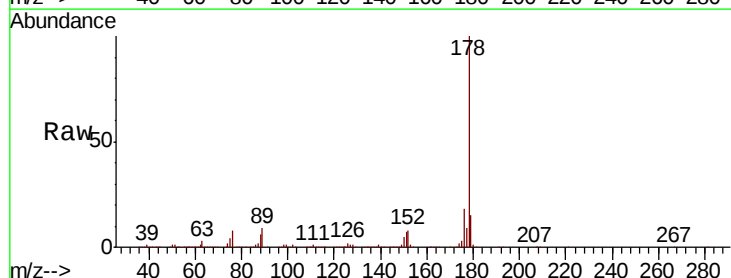


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

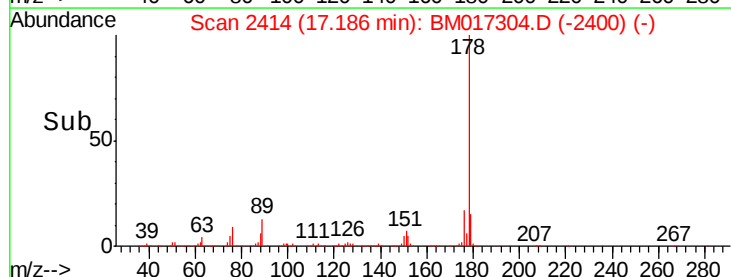
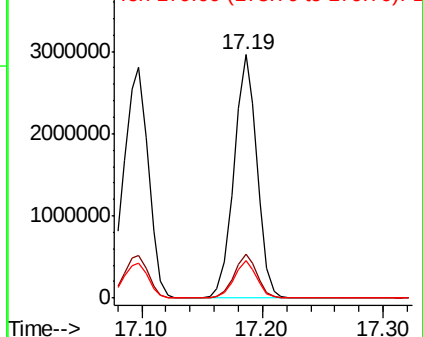


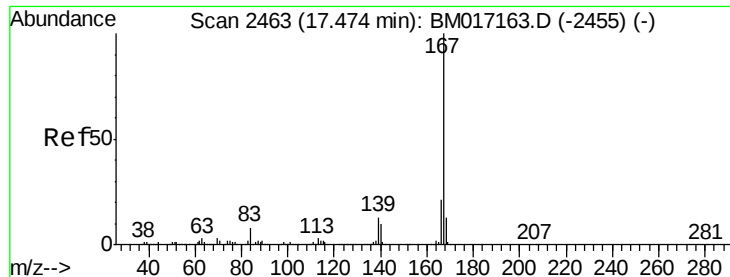
#72
Anthracene
Concen: 43.700 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion:178 Resp: 3921190
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.2 12.2 18.2



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





#73

Carbazole

Concen: 44.602 ng

RT: 17.46 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

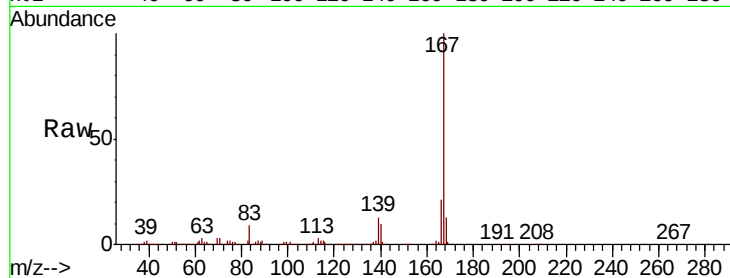
Tot Ion:167 Resp: 4088154

Ion Ratio Lower Upper

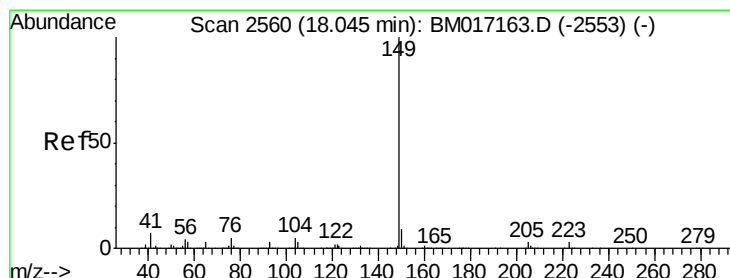
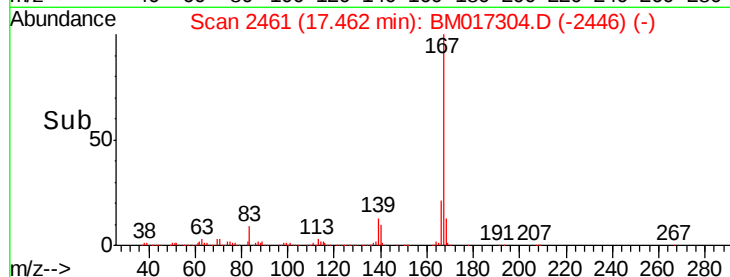
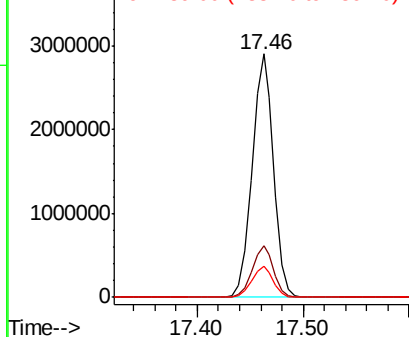
167 100

166 21.4 17.1 25.7

139 12.9 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.923 ng

RT: 18.03 min Scan# 2557

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

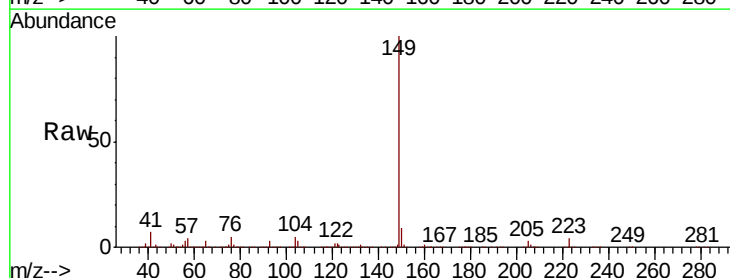
Tgt Ion:149 Resp: 4632980

Ion Ratio Lower Upper

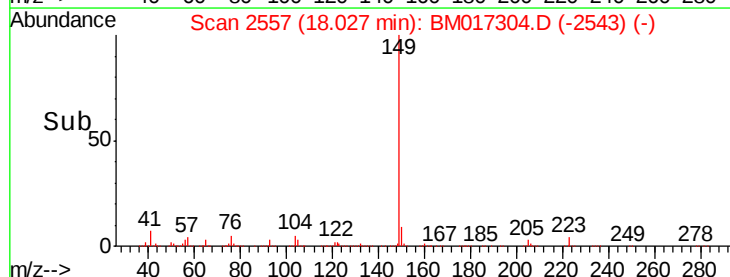
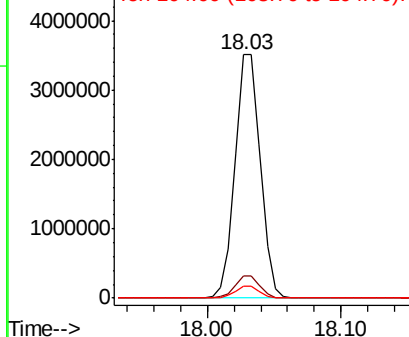
149 100

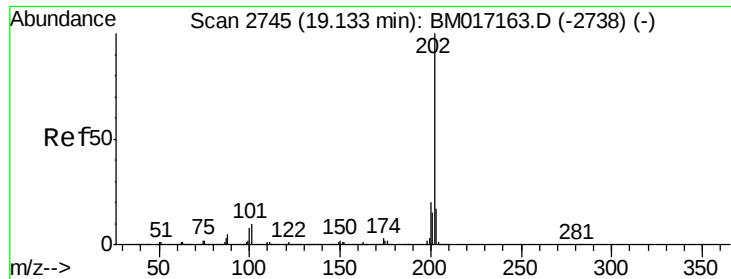
150 9.2 7.4 11.0

104 5.1 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.802 ng

RT: 19.12 min Scan# 2742

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

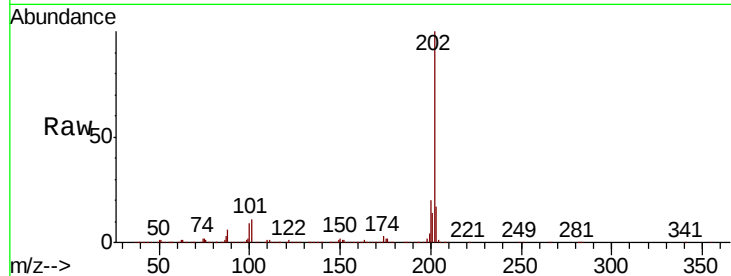
Tot Ion:202 Resp: 4760821

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.0

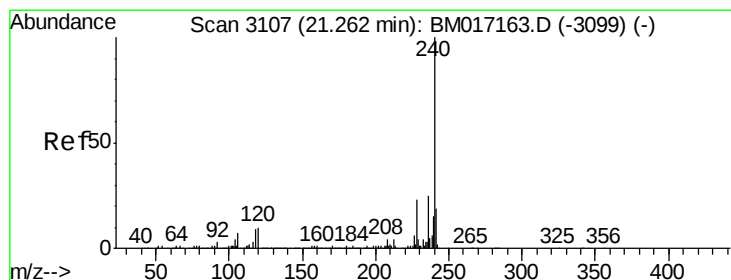
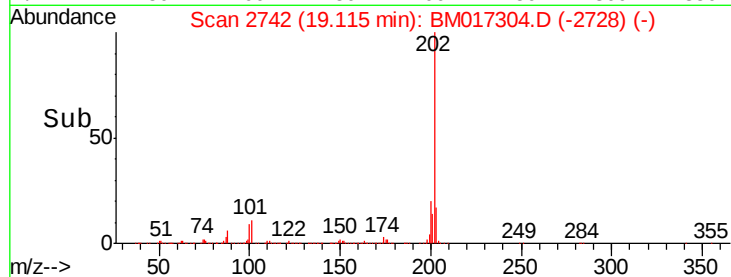
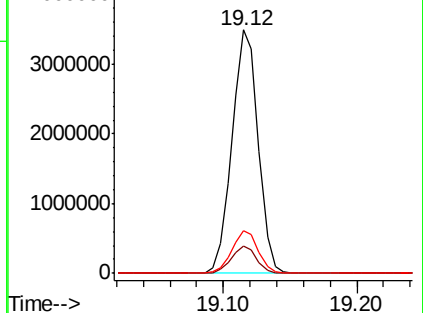
203 17.5 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

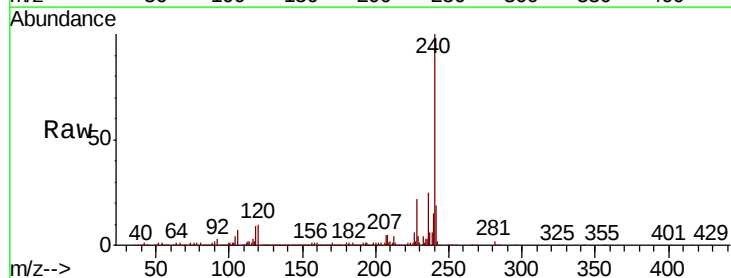
Tgt Ion:240 Resp: 1961789

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

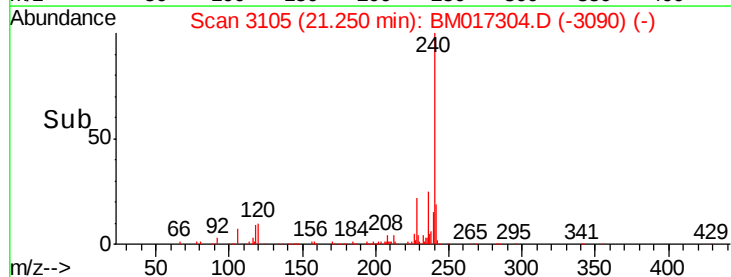
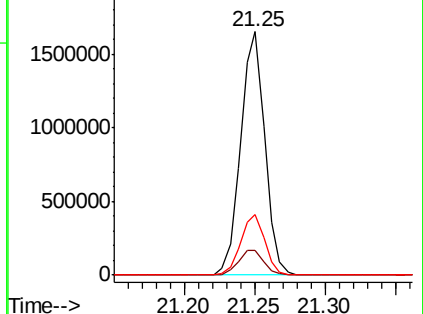
236 25.1 19.9 29.9

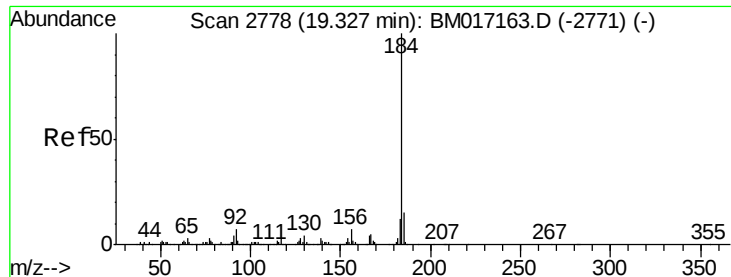


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.408 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

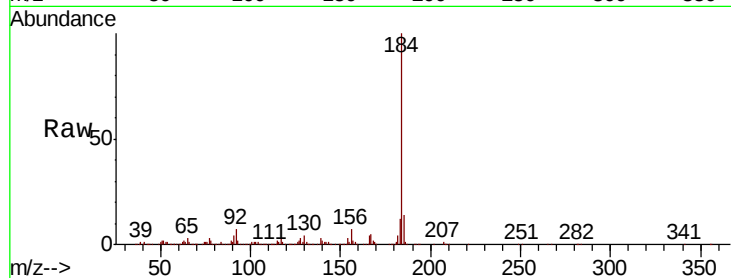
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2507512

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.8
183	12.0	9.7	14.5

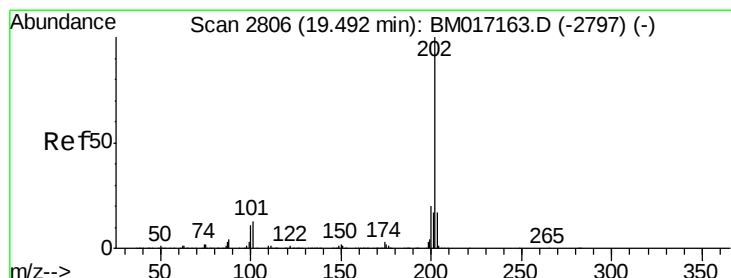
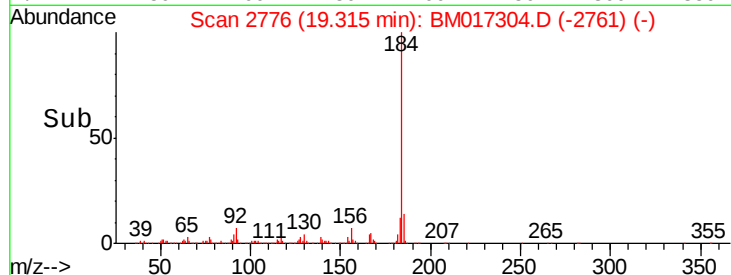
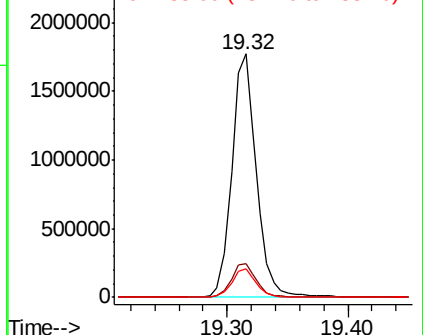


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.224 ng

RT: 19.48 min Scan# 2804

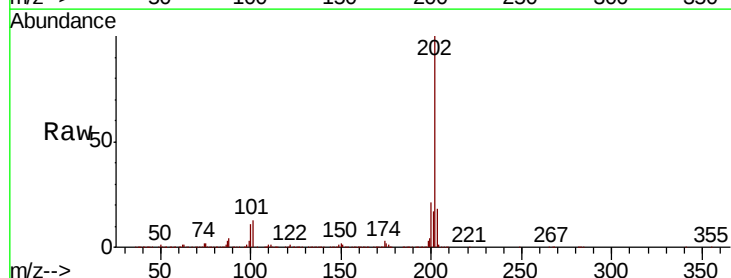
Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Tgt Ion:202 Resp: 4958610

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.5	13.9	20.9

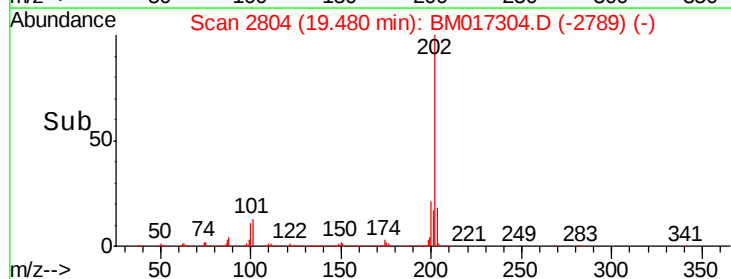
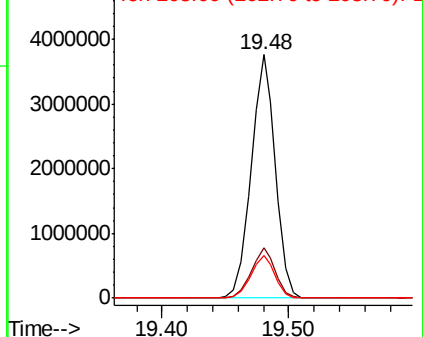


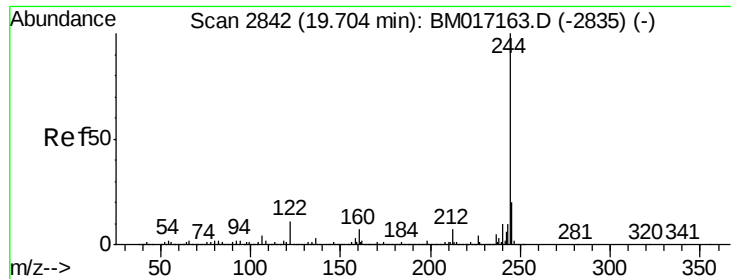
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

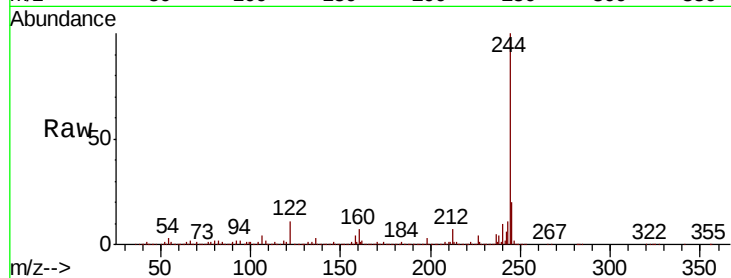




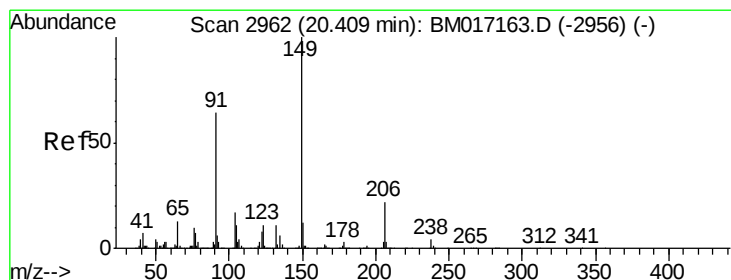
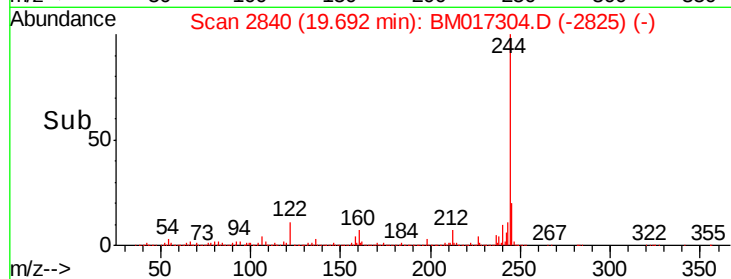
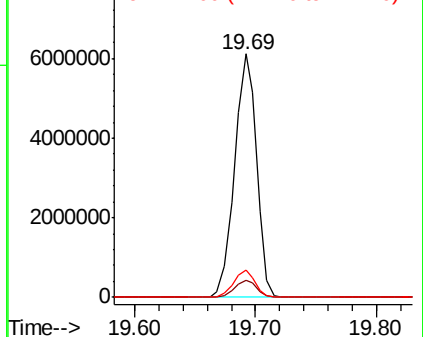
#79
 Terphenyl-d14
 Concen: 89.146 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 7758921
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.3 8.4 12.6

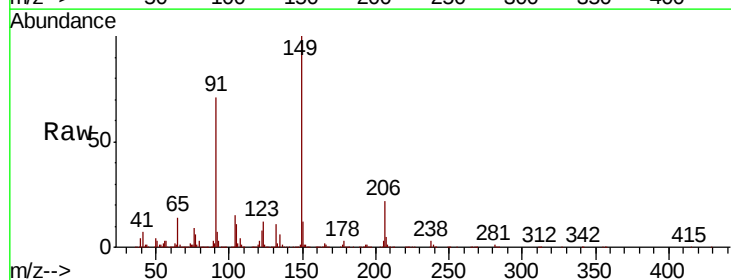


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

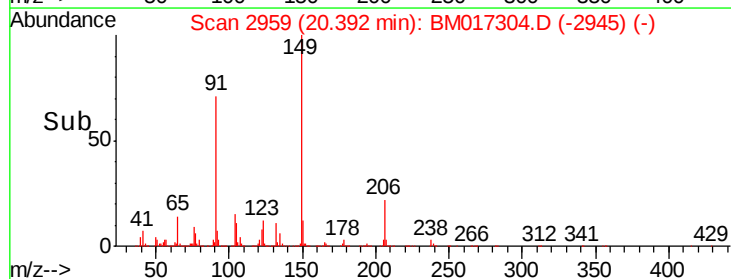
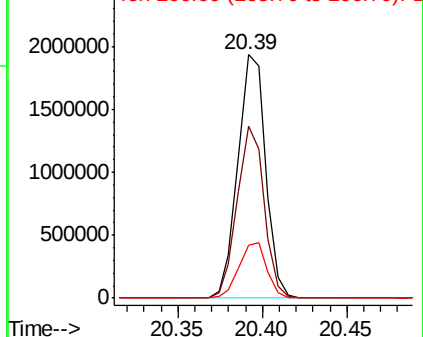


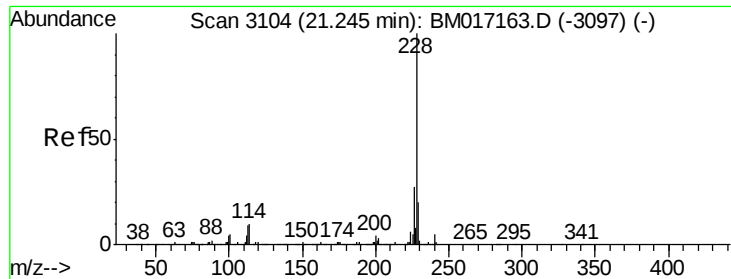
#80
 Butylbenzylphthalate
 Concen: 52.436 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Tgt Ion:149 Resp: 2220328
 Ion Ratio Lower Upper
 149 100
 91 70.6 51.3 76.9
 206 21.6 18.0 27.0



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





#81

Benzo(a)anthracene

Concen: 43.834 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

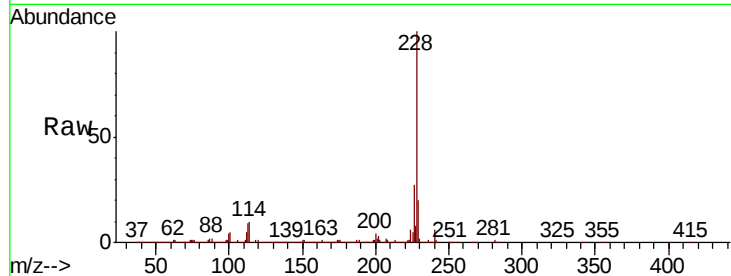
Tot Ion:228 Resp: 4839220

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	19.6	15.9	23.9

228 100

226 26.9 21.4 32.0

229 19.6 15.9 23.9

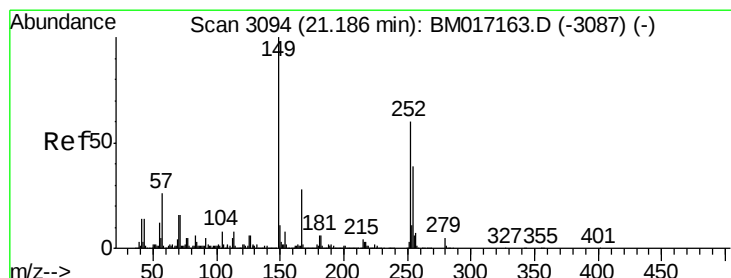
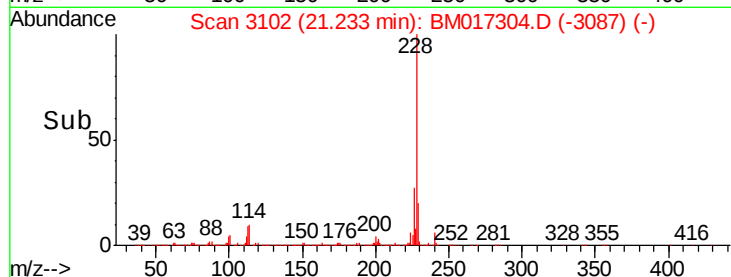
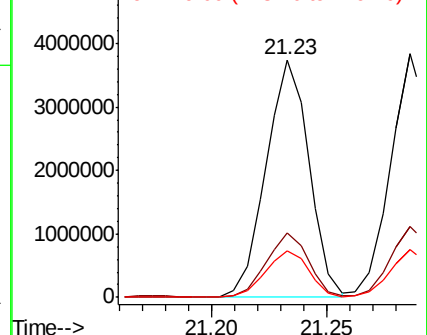


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.422 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

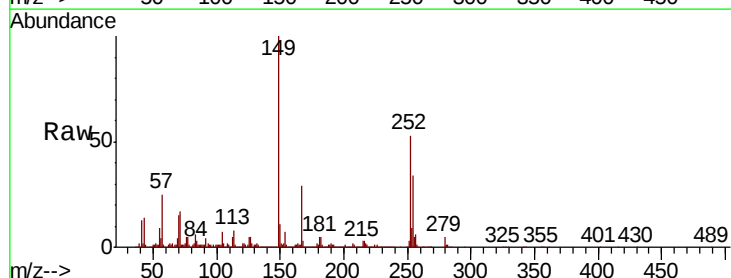
Tgt Ion:252 Resp: 1868908

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	10.3	8.6	12.8

252 100

254 64.1 52.1 78.1

126 10.3 8.6 12.8

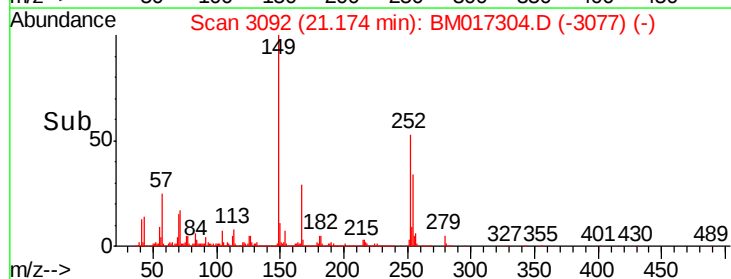
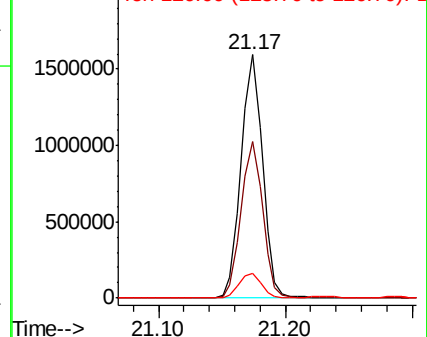


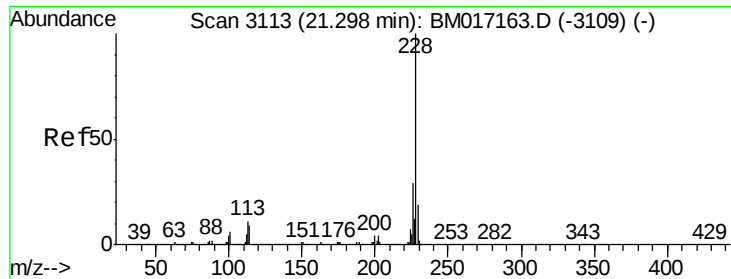
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



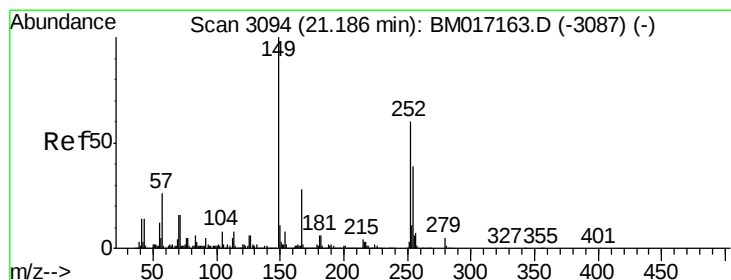
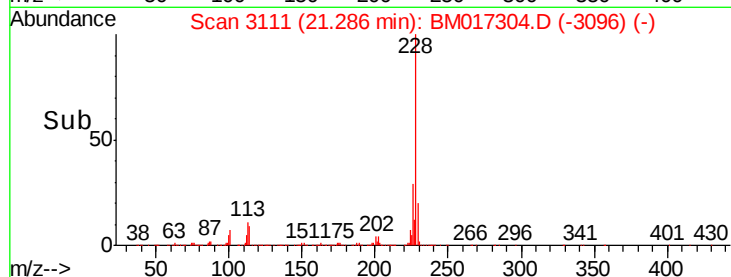
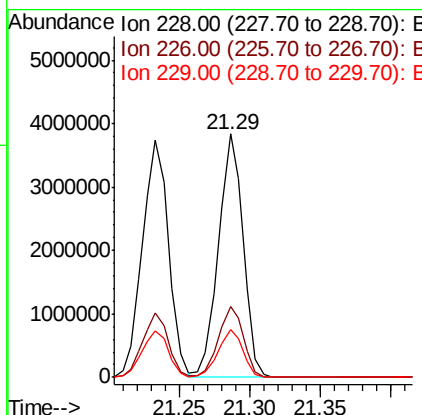
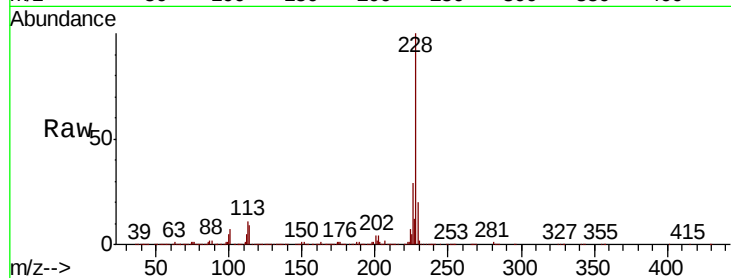


#83
 Chrvsene
 Concen: 42.638 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 4659158

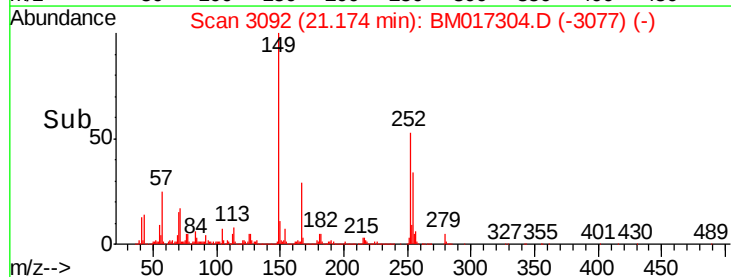
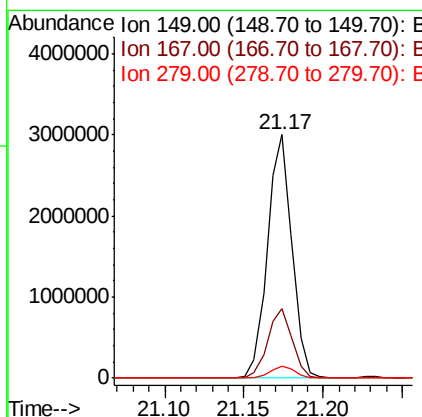
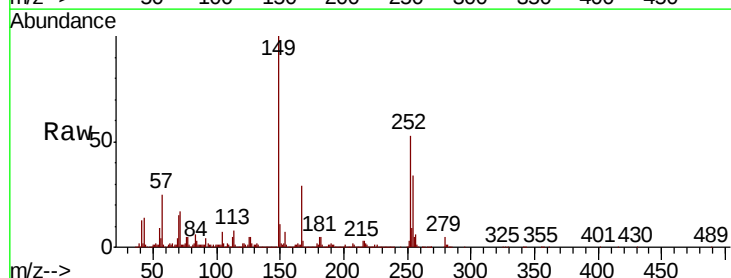
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.3	34.9
229	19.7	15.6	23.4

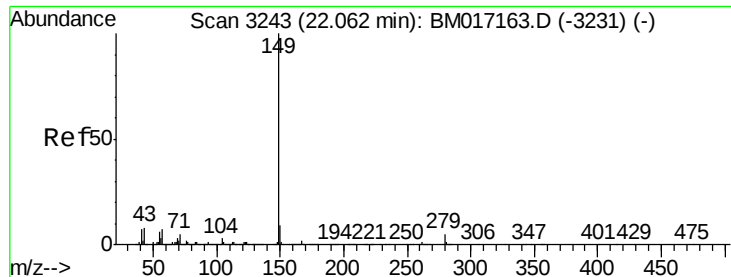


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.293 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017304.D
 Acq: 24 Oct 2018 06:43

Tgt Ion:149 Resp: 3228770

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.4
279	5.0	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 50.302 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampled :

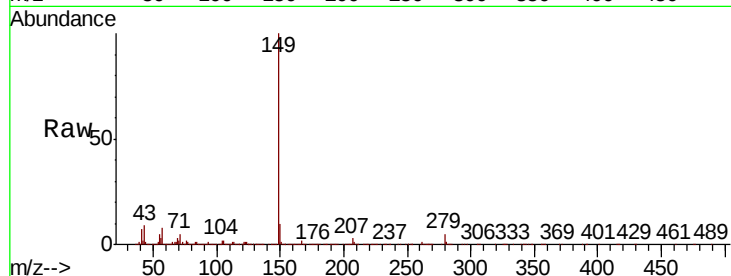
Tot Ion:149 Resp: 5472665

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.8 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

6000000 Ion 167.00 (166.70 to 167.70): E

5000000 Ion 43.00 (42.70 to 43.70): BM

4000000

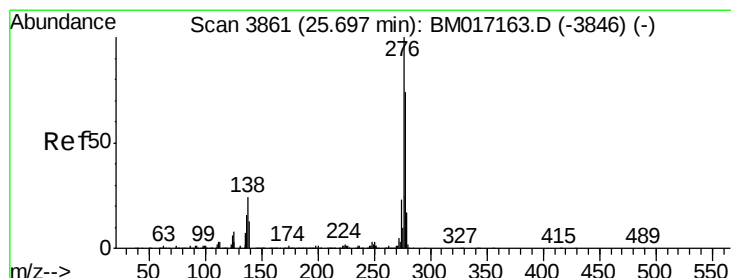
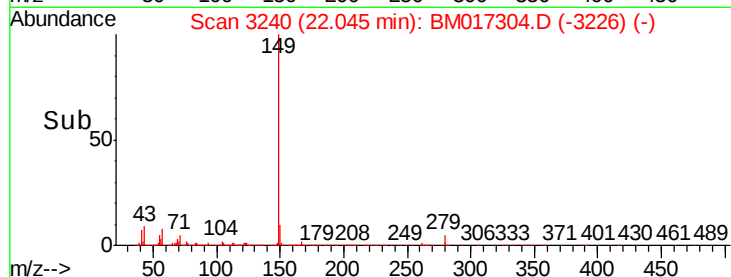
3000000

2000000

1000000

0

Time--> 21.90 22.00 22.10



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.404 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

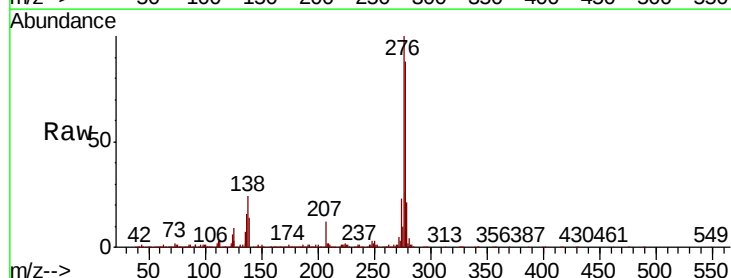
Tgt Ion:276 Resp: 4082553

Ion Ratio Lower Upper

276 100

138 23.4 19.5 29.3

277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

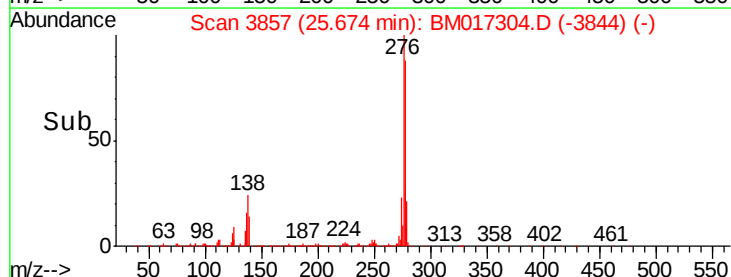
1500000 Ion 138.00 (137.70 to 138.70): E

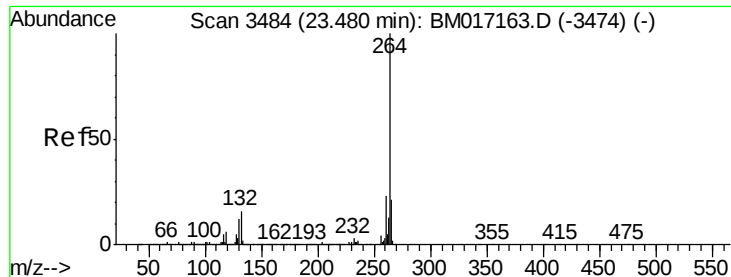
1000000 Ion 277.00 (276.70 to 277.70): E

500000

0

Time--> 25.60 25.70 25.80





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Instrument :

BNA_M

ClientSampleId :

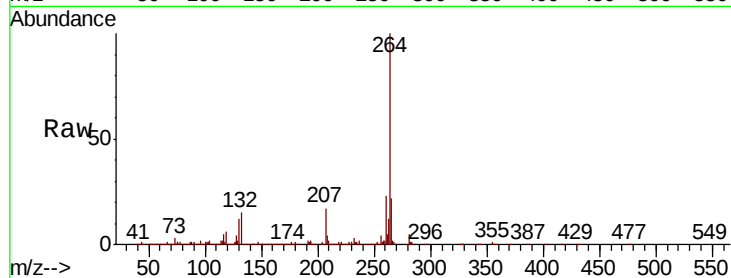
Tot Ion:264 Resp: 1740622

Ion Ratio Lower Upper

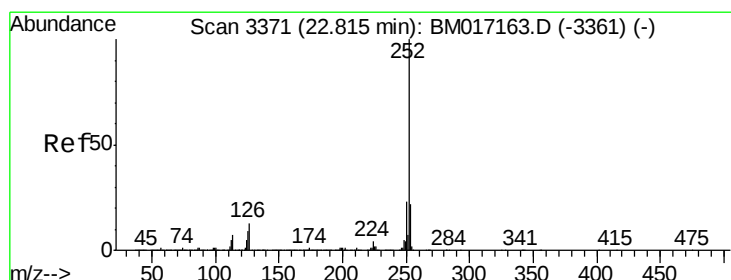
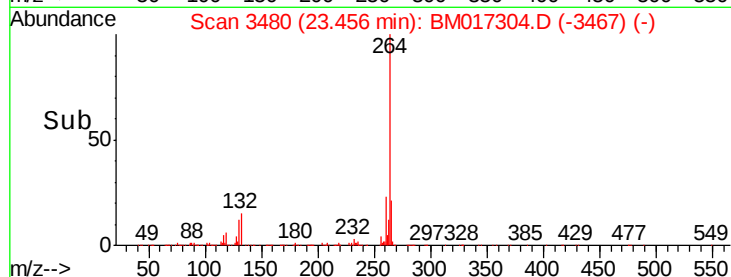
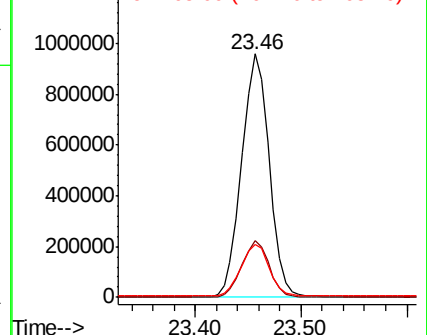
264 100

260 23.2 18.6 27.8

265 21.7 17.8 26.8



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: 46.054 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

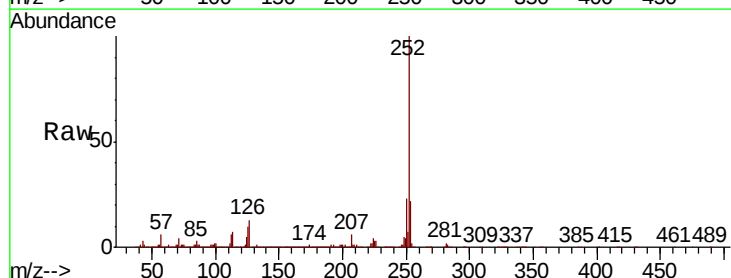
Tgt Ion:252 Resp: 4382742

Ion Ratio Lower Upper

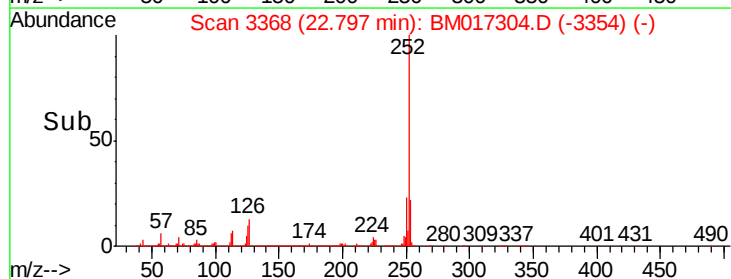
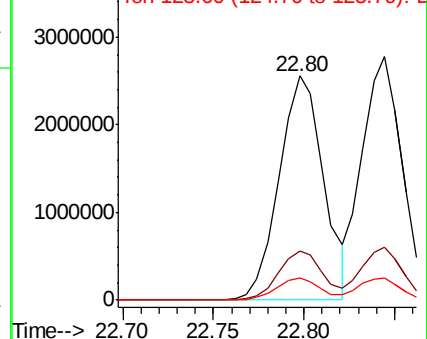
252 100

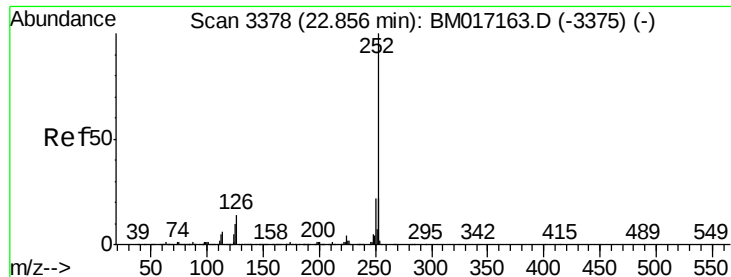
253 22.1 17.4 26.2

125 10.1 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

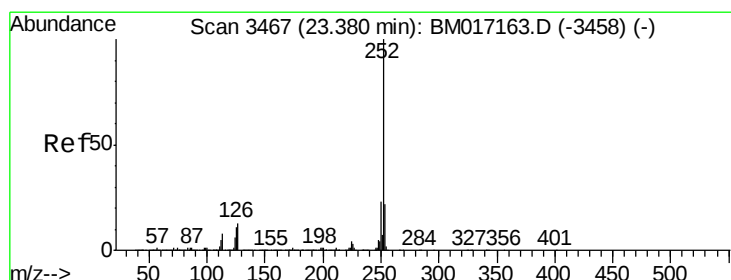
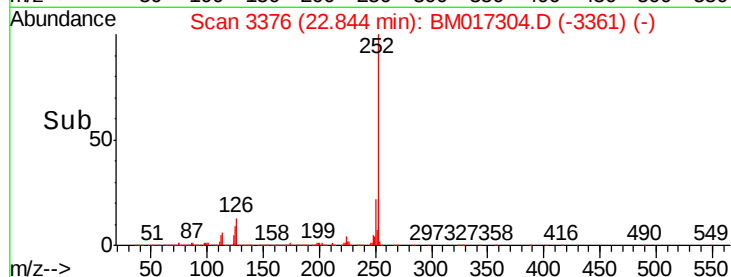
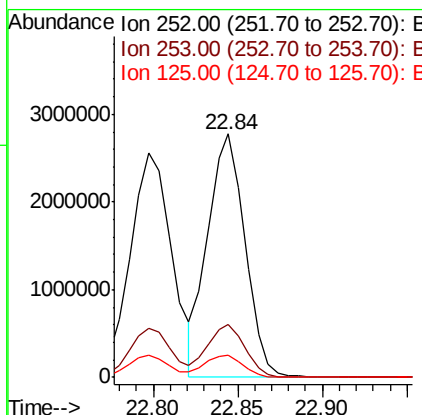
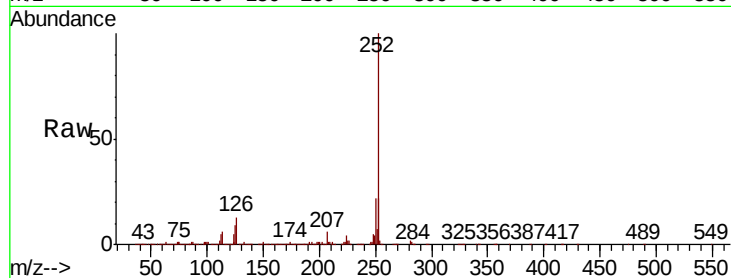




#89
Benzo(k)fluoranthene
Concen: 44.668 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

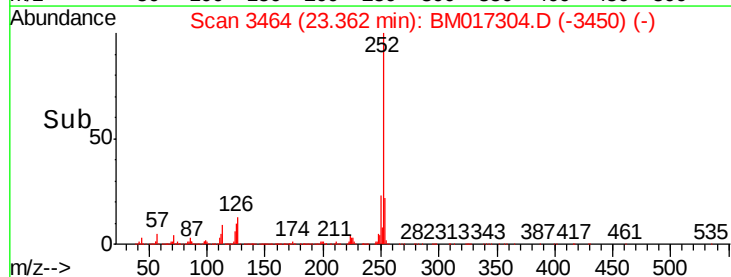
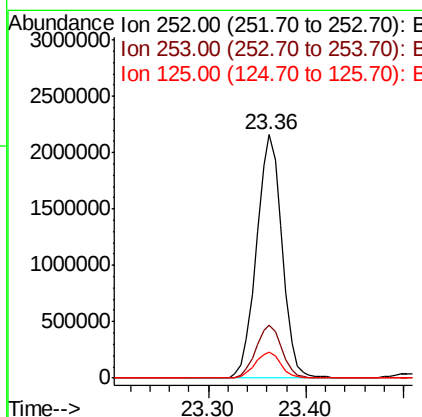
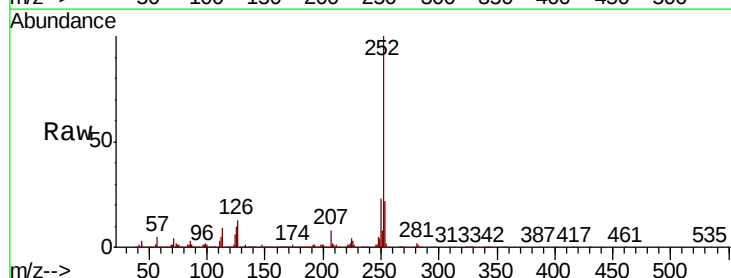
Instrument :
BNA_M
ClientSampleId :

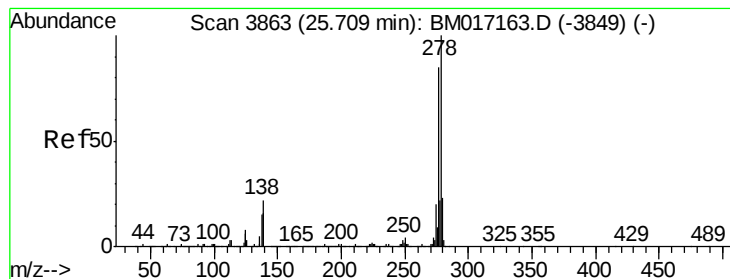
Tot Ion:252 Resp: 4265412
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.1 8.2 12.2



#90
Benzo(a)pyrene
Concen: 43.640 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BM017304.D
Acq: 24 Oct 2018 06:43

Tgt Ion:252 Resp: 3943199
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 38.712 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

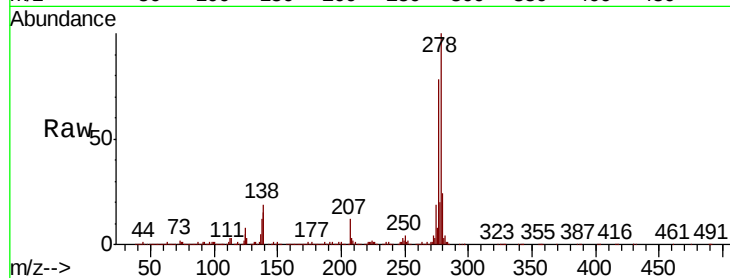
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3473302

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.7	19.1
279	23.9	18.7	28.1

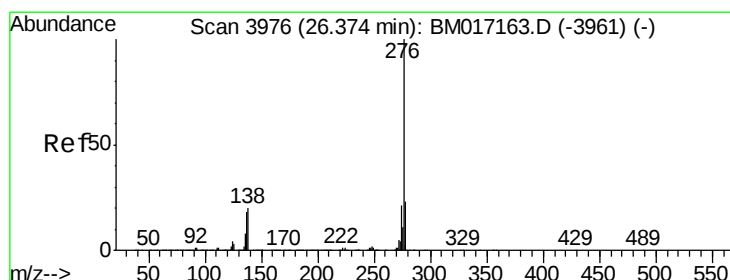
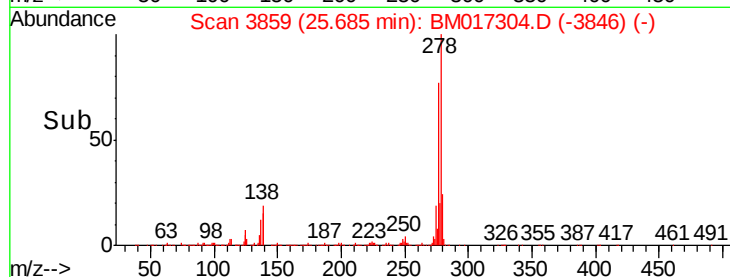
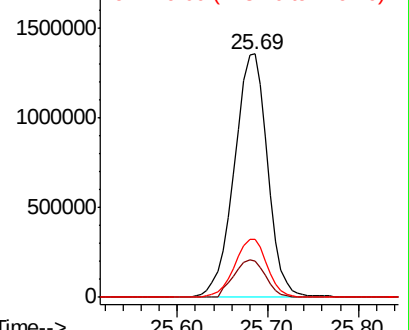


Abundance

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: 38.004 ng

RT: 26.34 min Scan# 3971

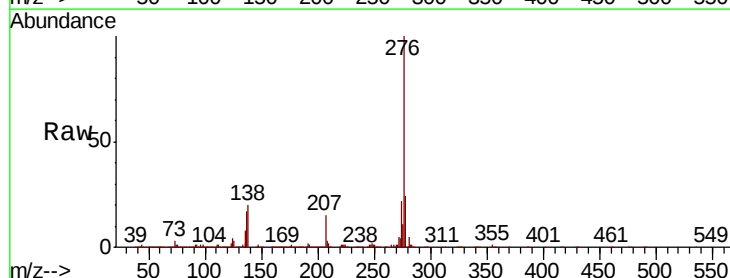
Delta R.T. -0.03 min

Lab File: BM017304.D

Acq: 24 Oct 2018 06:43

Tgt Ion:276 Resp: 3379488

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	19.9	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

