

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017163.D
 Acq On : 17 Oct 2018 11:37
 Operator : MJ/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 17 12:20:20 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 12:15:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	230146	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1011129	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	590103	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1352035	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1530757	20.00	ng	0.00
87) Perylene-d12	23.47	264	1549792	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1119643	97.74	ng	0.00
7) Phenol-d6	6.86	99	1547482	94.89	ng	0.00
23) Nitrobenzene-d5	8.83	82	1491740	87.87	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	643609	77.47	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3572146	78.36	ng	0.00
79) Terphenyl-d14	19.70	244	5641972	83.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	272163	54.647	ng	# 86
3) Pyridine	3.65	79	671808	59.733	ng	# 86
4) n-Nitrosodimethylamine	3.56	42	254101	66.805	ng	# 73
6) Aniline	7.02	93	963965	50.085	ng	98
8) 2-Chlorophenol	7.25	128	653633	43.230	ng	95
9) Benzaldehyde	6.83	77	467584	47.543	ng	92
10) Phenol	6.88	94	827536	48.358	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	649409	46.649	ng	97
12) 1,3-Dichlorobenzene	7.56	146	737549	40.617	ng	98
13) 1,4-Dichlorobenzene	7.71	146	750849	40.330	ng	97
14) 1,2-Dichlorobenzene	8.02	146	731800	39.875	ng	98
15) Benzyl Alcohol	7.92	79	579242	51.596	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	897594	46.493	ng	98
17) 2-Methylphenol	8.12	107	535319	44.560	ng	98
18) Hexachloroethane	8.74	117	261716	37.390	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	525075	50.016	ng	98
20) 3+4-Methylphenols	8.45	107	739958	44.887	ng	98
22) Acetophenone	8.49	105	1043442	43.280	ng	# 98
24) Nitrobenzene	8.87	77	783027	45.618	ng	93
25) Isophorone	9.39	82	1217115	47.909	ng	97
26) 2-Nitrophenol	9.58	139	326003	43.123	ng	97
27) 2,4-Dimethylphenol	9.64	122	529435	44.651	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	836908	45.991	ng	99
29) 2,4-Dichlorophenol	10.10	162	618670	43.211	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	706048	39.162	ng	98
31) Naphthalene	10.50	128	1989226	39.966	ng	99
32) Benzoic acid	9.78	122	388899	47.045	ng	95
33) 4-Chloroaniline	10.62	127	897887	45.080	ng	97
34) Hexachlorobutadiene	10.78	225	441574	38.043	ng	97
35) Caprolactam	11.41	113	220128	48.672	ng	96
36) 4-Chloro-3-methylphenol	11.75	107	698040	46.302	ng	96
37) 2-Methylnaphthalene	12.12	142	1406003	42.439	ng	99
38) 1-Methylnaphthalene	12.34	142	1369289	42.288	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	833259	37.740	ng	99

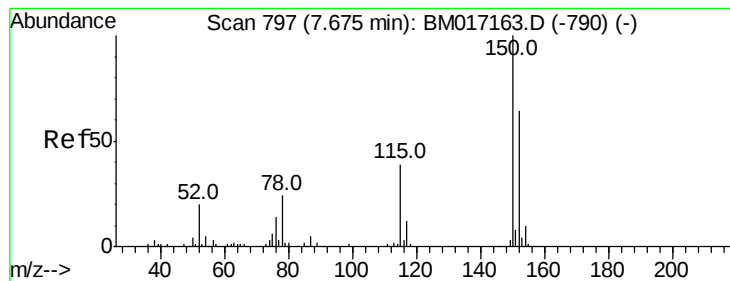
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	423067	39.149	ng	99
43) 2,4,6-Trichlorophenol	12.74	196	521429	43.381	ng	98
44) 2,4,5-Trichlorophenol	12.81	196	550635	42.145	ng	97
46) 1,1'-Biphenyl	13.15	154	2130972	39.552	ng	98
47) 2-Chloronaphthalene	13.19	162	1595423	39.741	ng	99
48) 2-Nitroaniline	13.40	65	429139	54.742	ng	99
49) Acenaphthylene	14.03	152	2378245	41.272	ng	100
50) Dimethylphthalate	13.78	163	1887472	41.945	ng	99
51) 2,6-Dinitrotoluene	13.90	165	414593	41.635	ng	91
52) Acenaphthene	14.38	154	1448168	40.066	ng	99
53) 3-Nitroaniline	14.23	138	449322	44.173	ng	93
54) 2,4-Dinitrophenol	14.44	184	198180	43.488	ng	98
55) Dibenzofuran	14.72	168	2373347	39.027	ng	100
56) 4-Nitrophenol	14.54	139	370350	43.375	ng	92
57) 2,4-Dinitrotoluene	14.69	165	565000	41.769	ng	96
58) Fluorene	15.37	166	1779753	39.607	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	502696	40.840	ng	98
60) Diethylphthalate	15.16	149	1907536	41.481	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	1021157	39.178	ng	98
62) 4-Nitroaniline	15.40	138	472036	45.934	ng	93
63) Azobenzene	15.66	77	1870782	43.245	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	324559	42.092	ng	97
66) n-Nitrosodiphenylamine	15.59	169	1704017	42.278	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	622281	40.903	ng	95
68) Hexachlorobenzene	16.37	284	695962	37.993	ng	97
69) Atrazine	16.55	200	607628	46.799	ng	98
70) Pentachlorophenol	16.72	266	492515	40.393	ng	99
71) Phenanthrene	17.11	178	2942568	39.673	ng	100
72) Anthracene	17.20	178	2898939	41.949	ng	100
73) Carbazole	17.47	167	2927557	41.569	ng	99
74) Di-n-butylphthalate	18.05	149	3100470	44.147	ng	100
75) Fluoranthene	19.13	202	3419313	41.098	ng	98
77) Benzidine	19.32	184	1704355	79.794	ng	98
78) Pyrene	19.49	202	3627868	45.082	ng	100
80) Butylbenzylphthalate	20.40	149	1203460	52.074	ng	92
81) Benzo(a)anthracene	21.24	228	3533544	40.924	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	1335760	48.614	ng	100
83) Chrysene	21.30	228	3447528	40.413	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1923656	48.434	ng	99
85) Di-n-octyl phthalate	22.06	149	3232956	47.462	ng	98
86) Indeno(1,2,3-cd)pyrene	25.69	276	3834991	37.334	ng	100
88) Benzo(b)fluoranthene	22.81	252	3445290	40.326	ng	99
89) Benzo(k)fluoranthene	22.86	252	3487289	40.581	ng	99
90) Benzo(a)pyrene	23.38	252	3297247	40.295	ng	99
91) Dibenzo(a,h)anthracene	25.71	278	3233227	38.192	ng	99
92) Benzo(g,h,i)perylene	26.37	276	3183574	38.114	ng	99

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

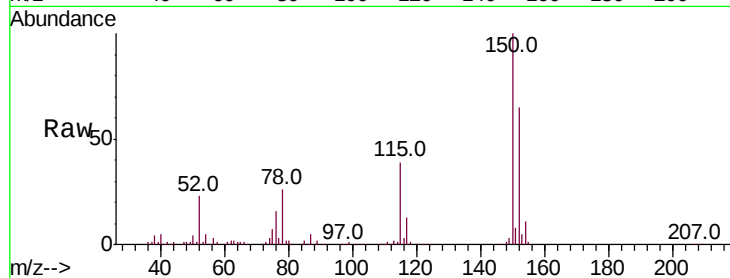


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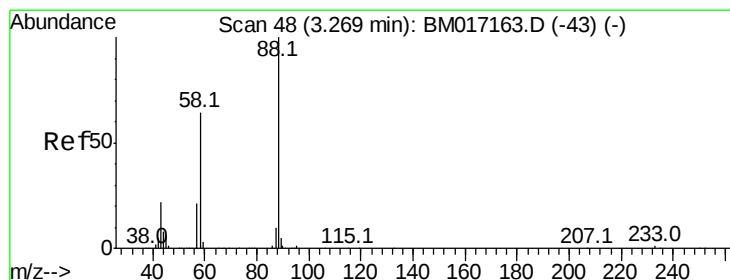
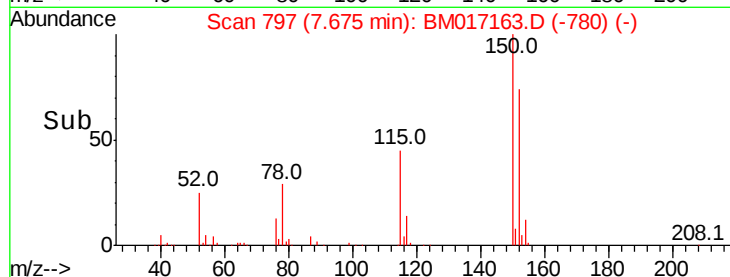
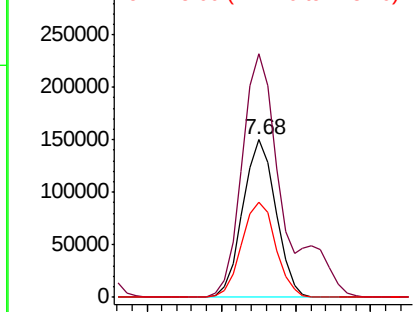
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 230146
Ion Ratio Lower Upper
152 100
150 154.3 124.3 186.5
115 60.5 48.1 72.1



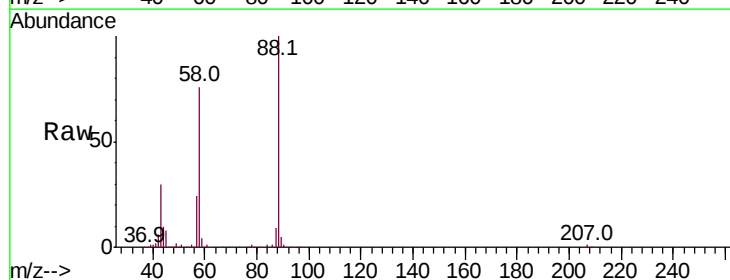
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



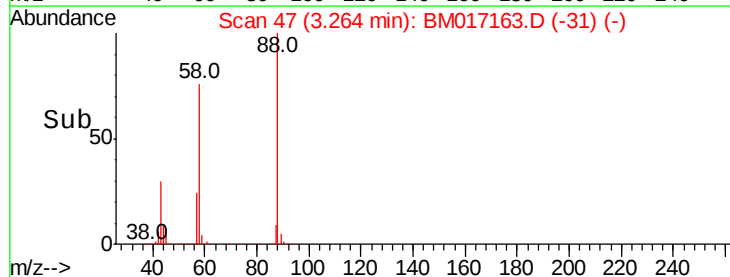
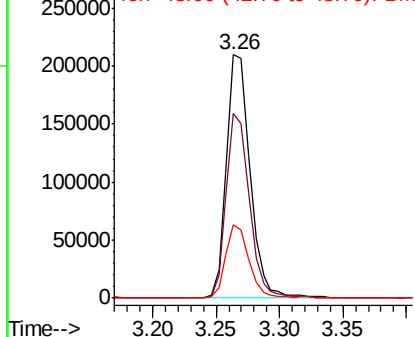
#2

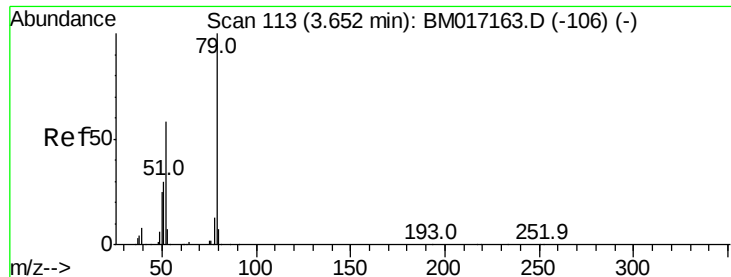
1,4-Dioxane
Concen: 54.647 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion: 88 Resp: 272163
Ion Ratio Lower Upper
88 100
58 74.3 50.2 75.4
43 29.5 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: 59.733 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampled :

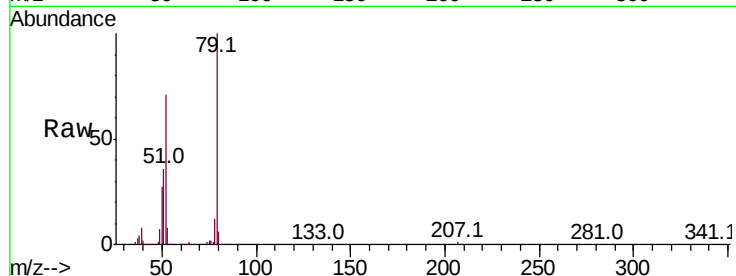
Tot Ion: 79 Resp: 671808

Ion Ratio Lower Upper

79 100

52 71.0 46.5 69.7#

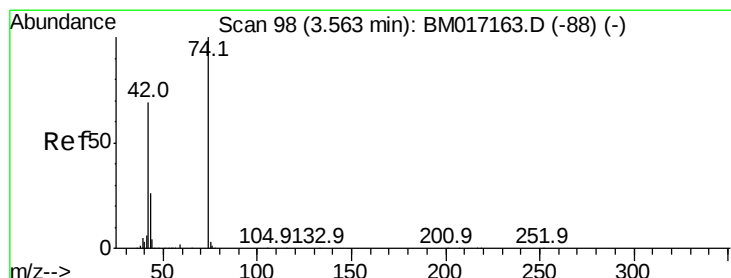
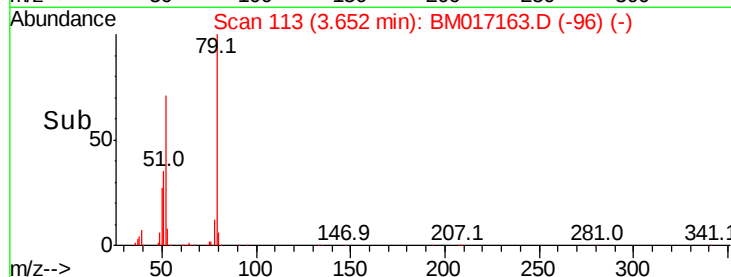
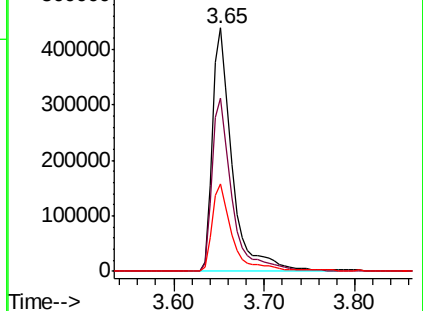
51 35.7 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 66.805 ng

RT: 3.56 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

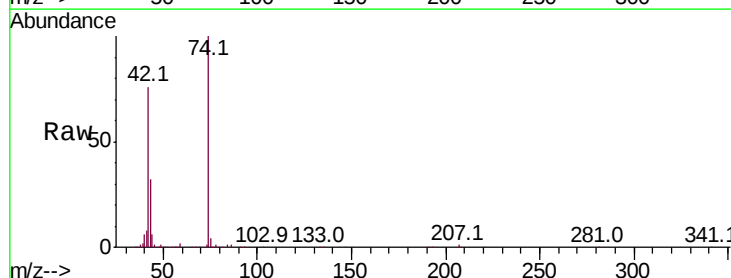
Tgt Ion: 42 Resp: 254101

Ion Ratio Lower Upper

42 100

74 131.1 114.4 171.6

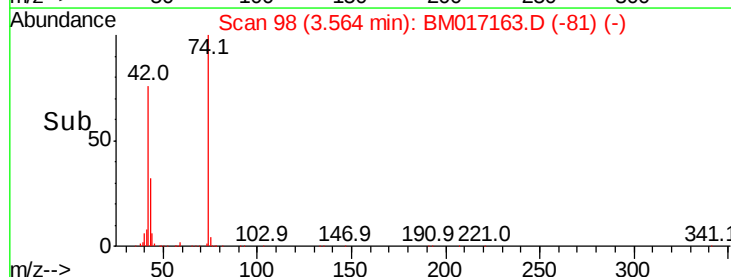
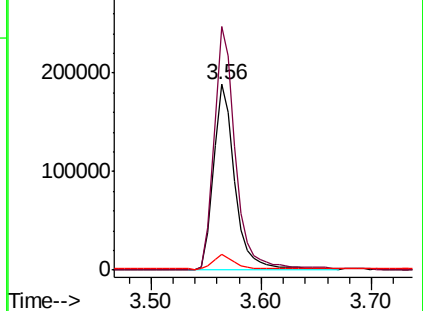
44 8.4 48.6 73.0#

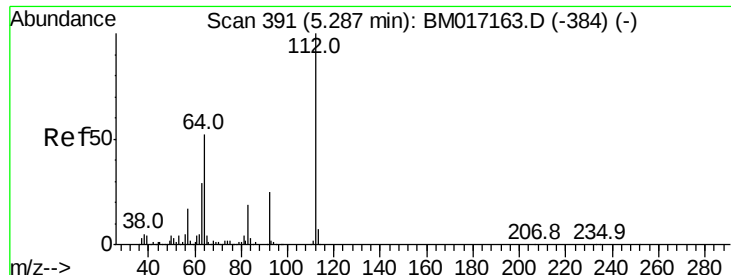


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 97.740 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

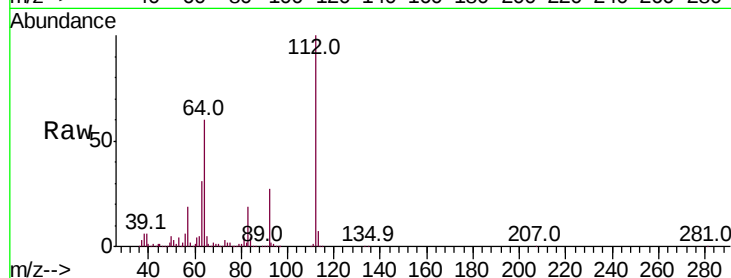
Tot Ion:112 Resp: 1119643

Ion Ratio Lower Upper

112 100

64 59.6 41.7 62.5

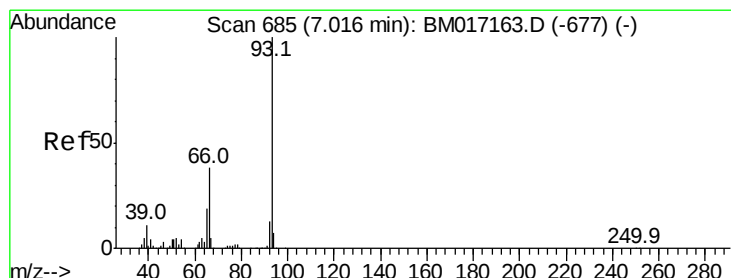
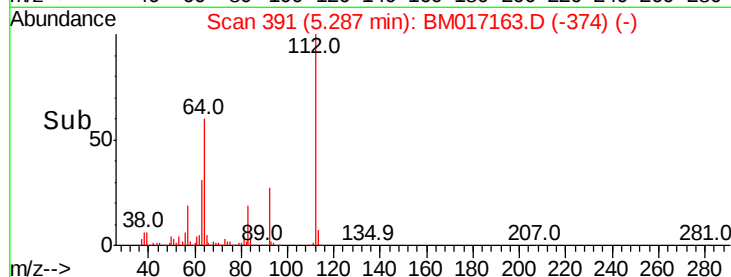
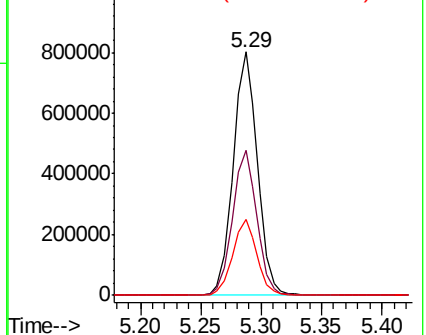
63 31.3 23.0 34.4



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: 50.085 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

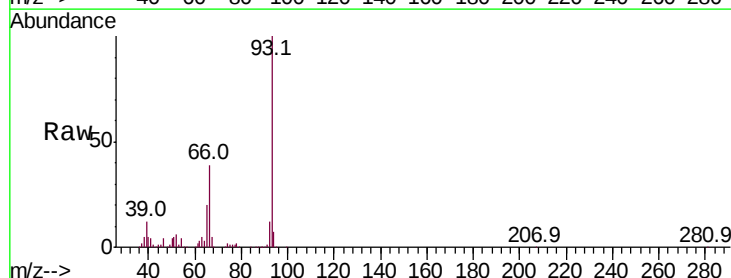
Tgt Ion: 93 Resp: 963965

Ion Ratio Lower Upper

93 100

66 39.1 30.4 45.6

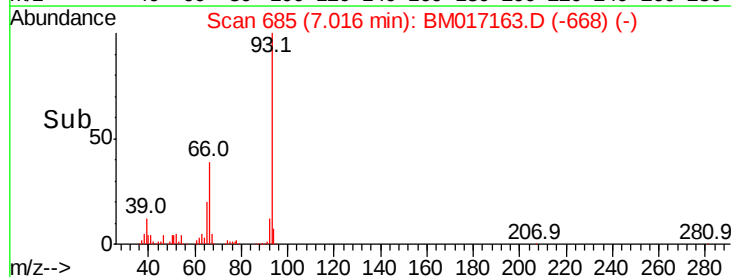
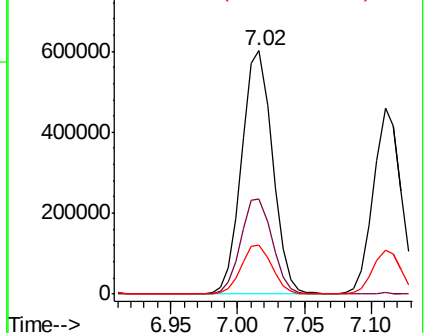
65 20.2 15.3 22.9

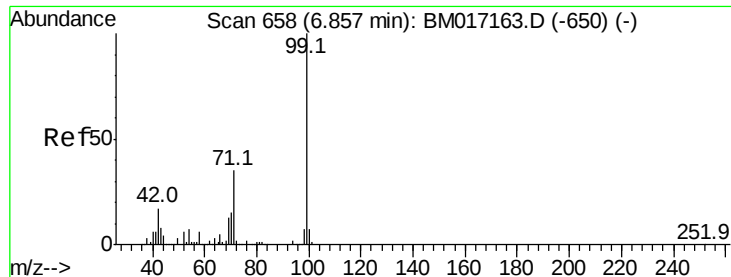


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 94.887 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

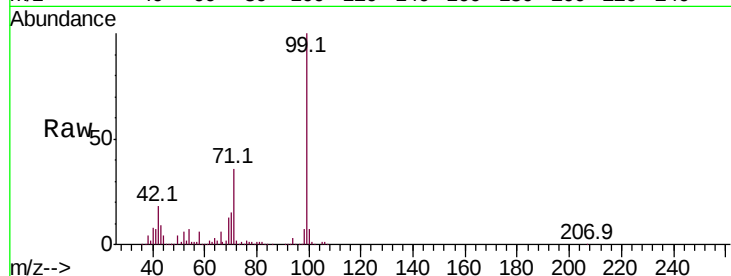
Tot Ion: 99 Resp: 1547482

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

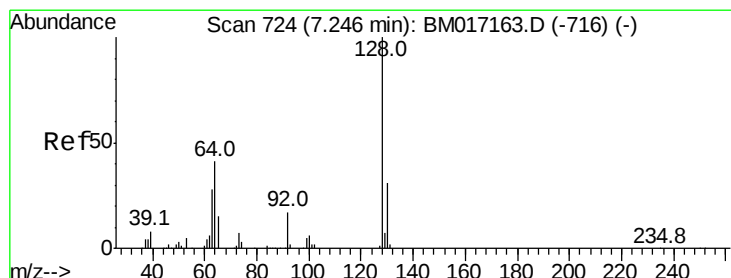
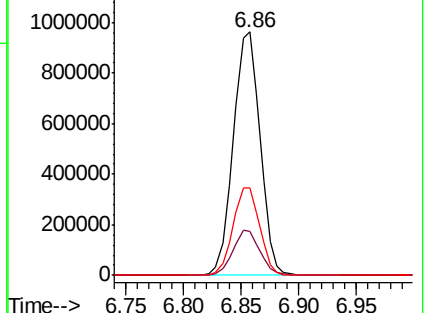
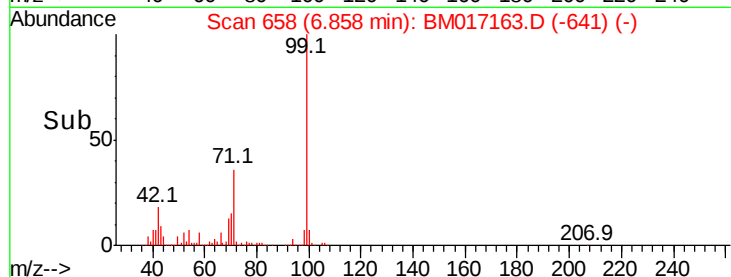
71 36.0 28.0 42.0



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: 43.230 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

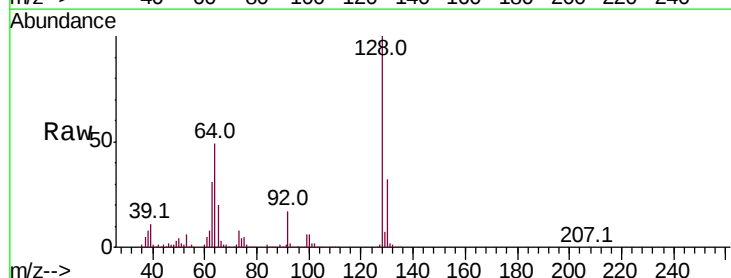
Tgt Ion: 128 Resp: 653633

Ion Ratio Lower Upper

128 100

130 32.3 11.0 51.0

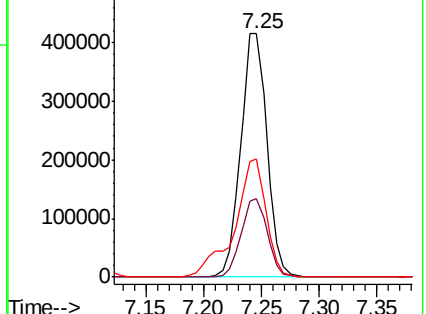
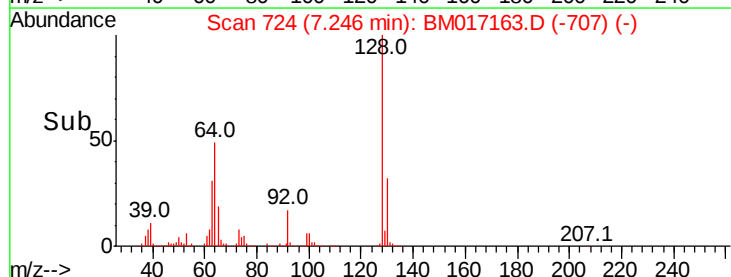
64 48.6 24.1 64.1

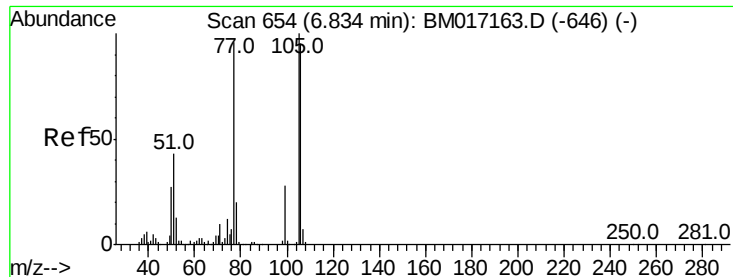


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

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: 47.543 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampled :

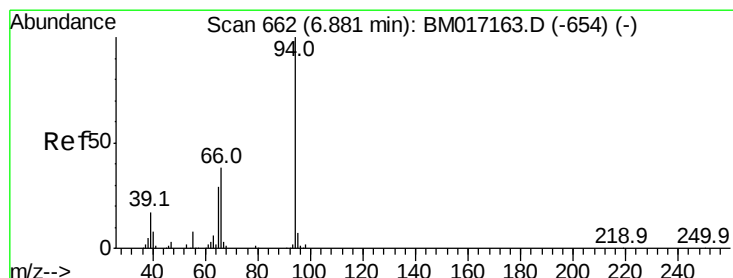
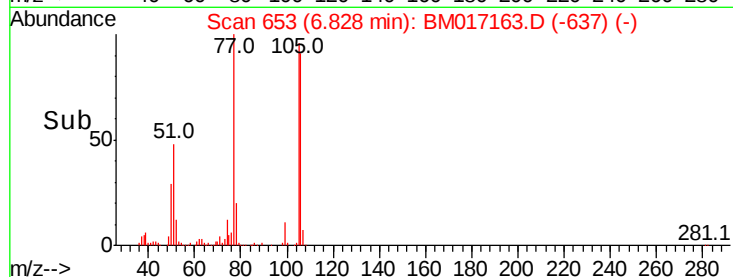
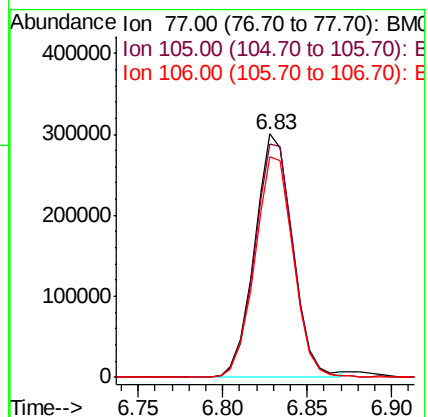
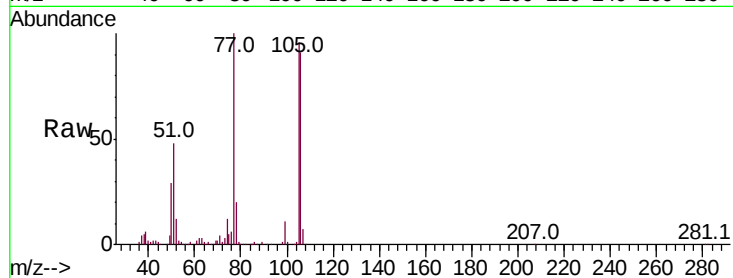
Tot Ion: 77 Resp: 467584

Ion Ratio Lower Upper

77 100

105 95.9 83.9 123.9

106 90.7 78.2 118.2



#10

Phenol

Concen: 48.358 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

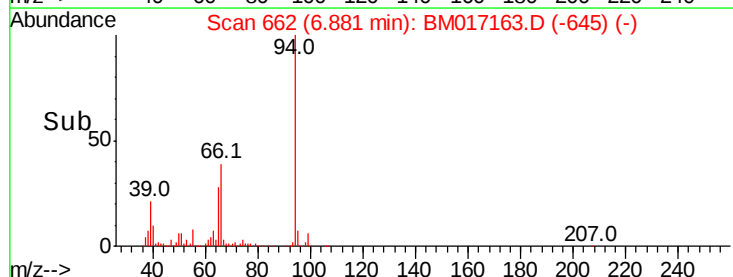
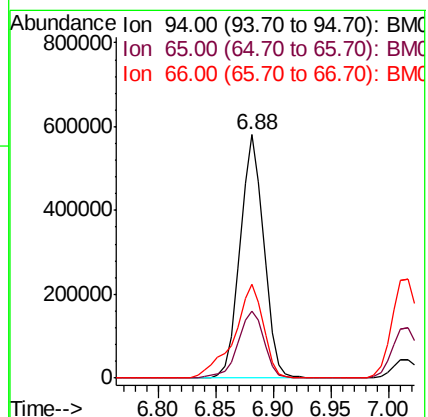
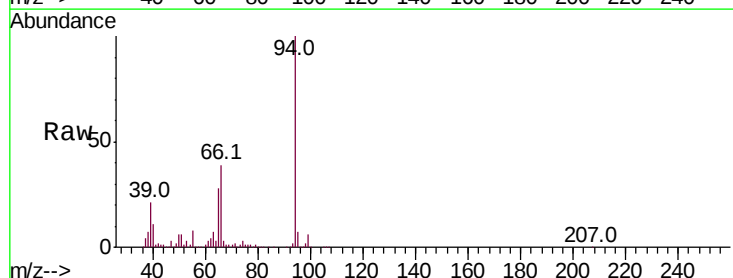
Tgt Ion: 94 Resp: 827536

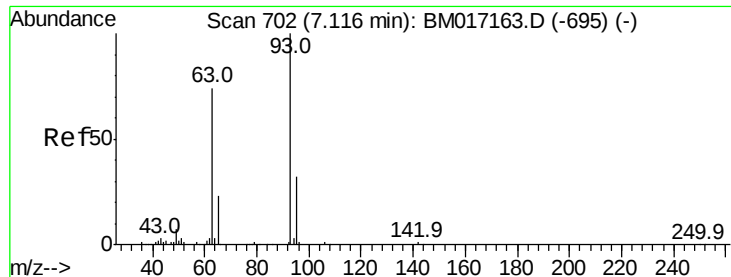
Ion Ratio Lower Upper

94 100

65 27.6 9.4 49.4

66 38.8 19.0 59.0

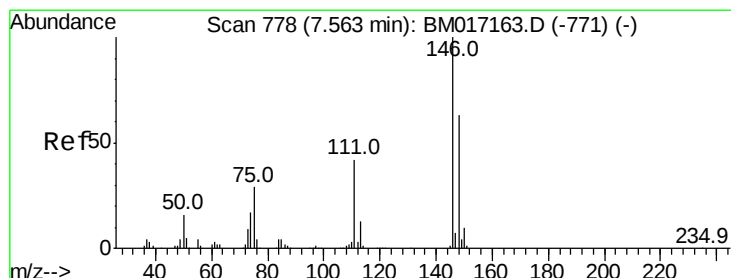
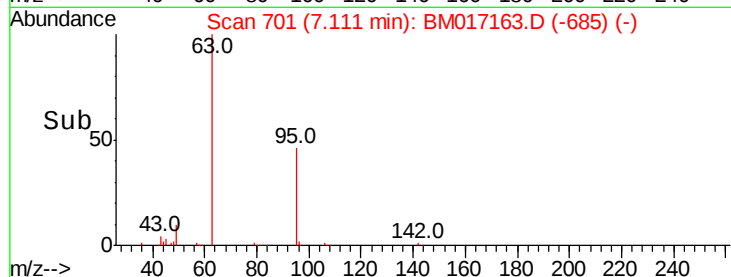
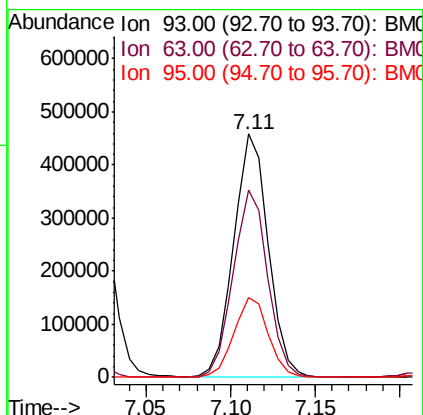
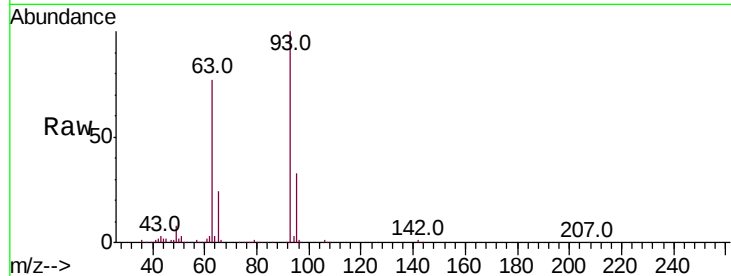




#11
bis(2-Chloroethyl)ether
Concen: 46.649 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

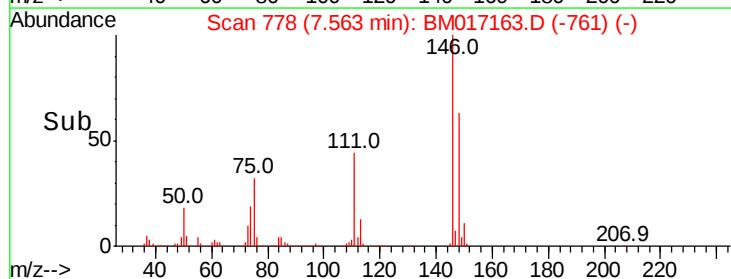
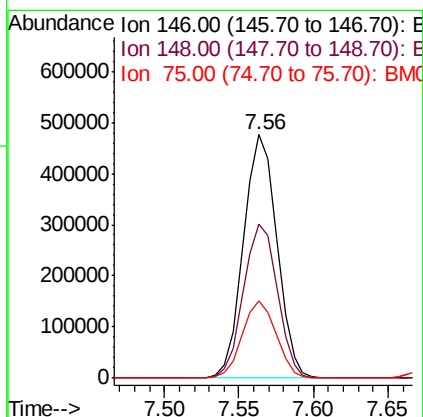
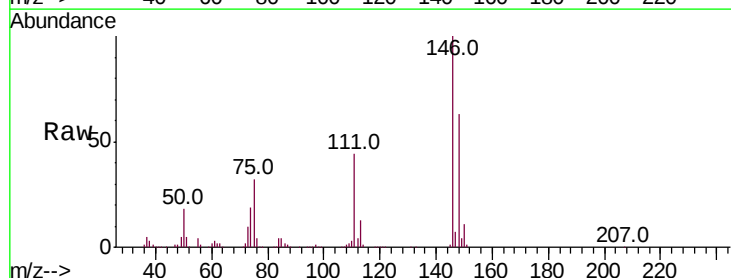
Instrument :
BNA_M
ClientSampled :

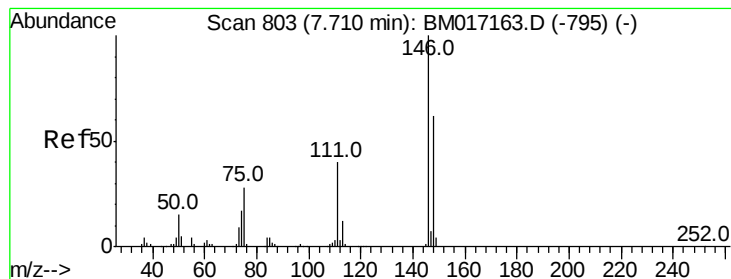
Tot Ion: 93 Resp: 649409
Ion Ratio Lower Upper
93 100
63 77.2 54.0 94.0
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.617 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion: 146 Resp: 737549
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.4
75 31.7 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 40.330 ng

RT: 7.71 min Scan# 803

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

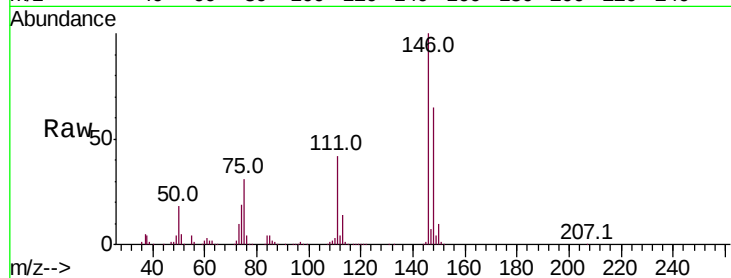
Tot Ion:146 Resp: 750849

Ion Ratio Lower Upper

146 100

148 64.7 49.8 74.6

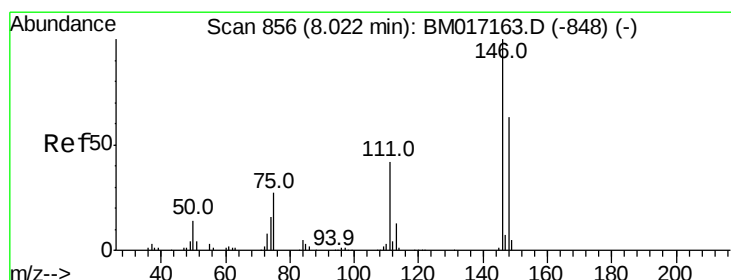
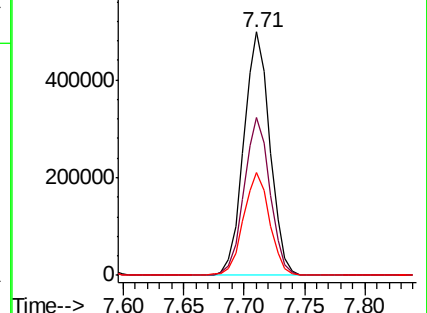
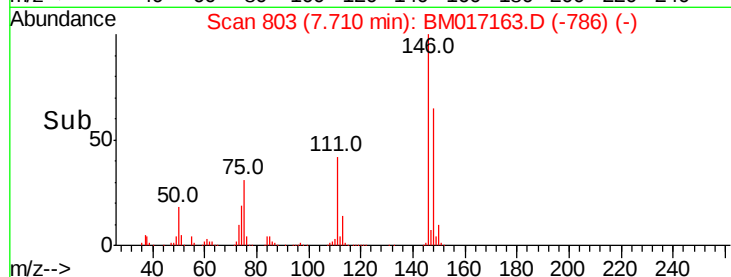
111 42.0 32.1 48.1



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: 39.875 ng

RT: 8.02 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

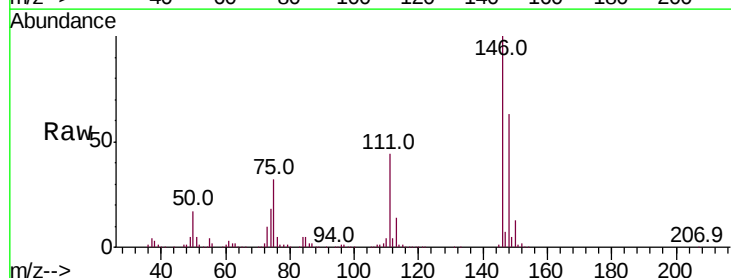
Tgt Ion:146 Resp: 731800

Ion Ratio Lower Upper

146 100

148 62.7 50.8 76.2

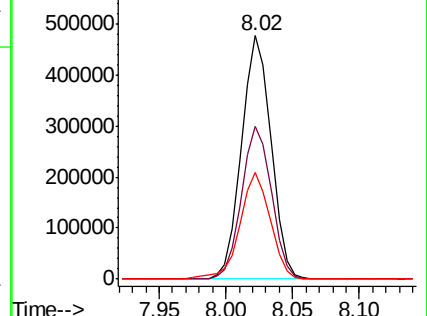
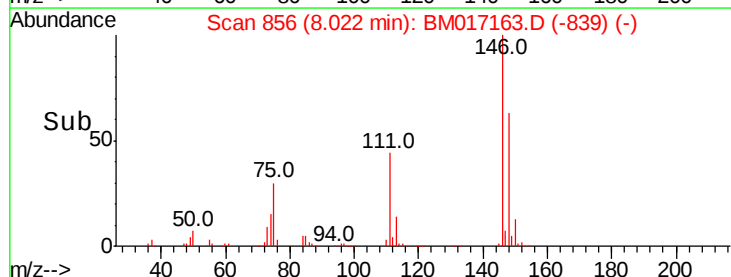
111 43.7 33.8 50.6

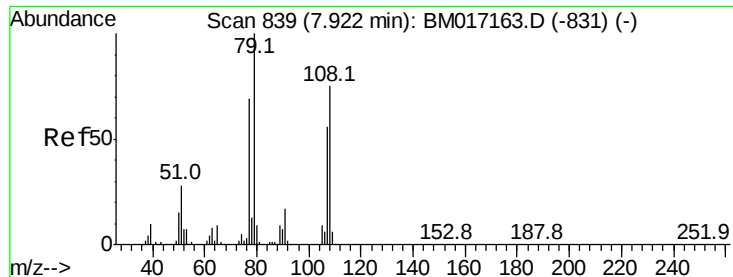


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.596 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampled :

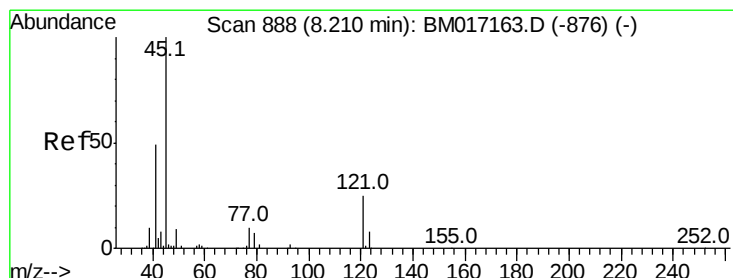
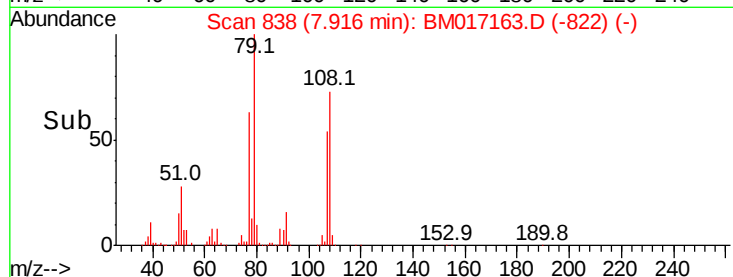
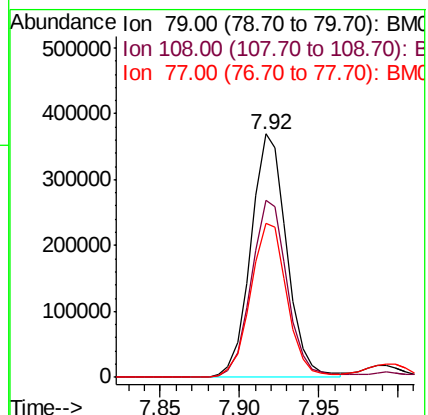
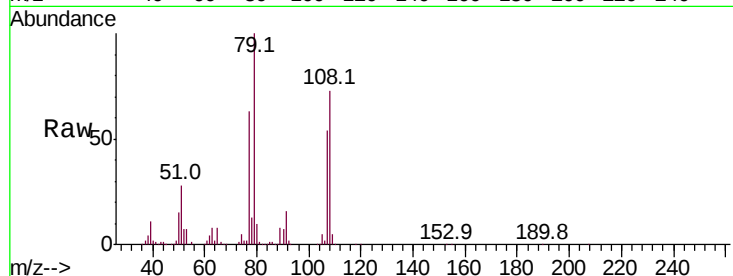
Tot Ion: 79 Resp: 579242

Ion Ratio Lower Upper

79 100

108 72.7 60.3 90.5

77 63.1 54.8 82.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.493 ng

RT: 8.20 min Scan# 887

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

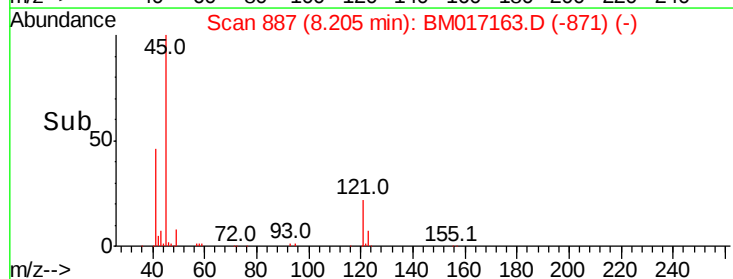
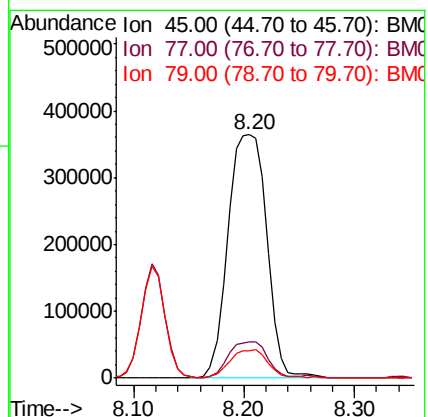
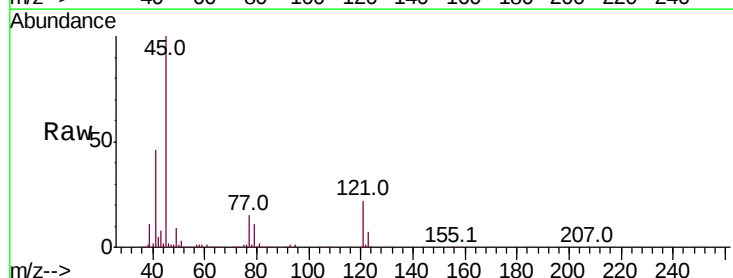
Tgt Ion: 45 Resp: 897594

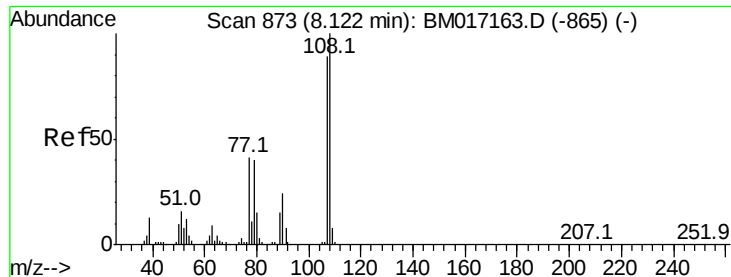
Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.5

79 11.4 0.0 32.1





#17

2-Methylphenol

Concen: 44.560 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 535319

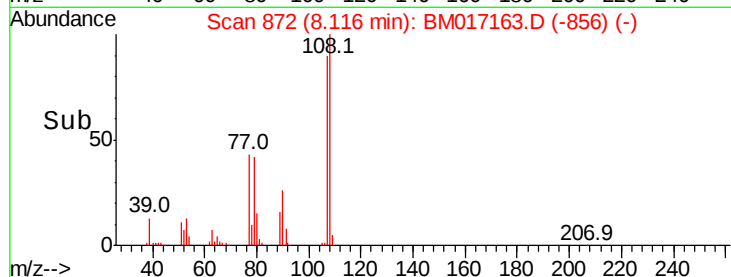
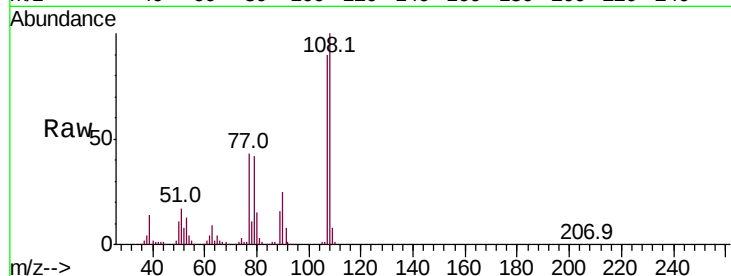
Ion Ratio Lower Upper

107 100

108 111.5 90.3 135.5

77 48.0 37.0 55.4

79 47.2 35.8 53.6

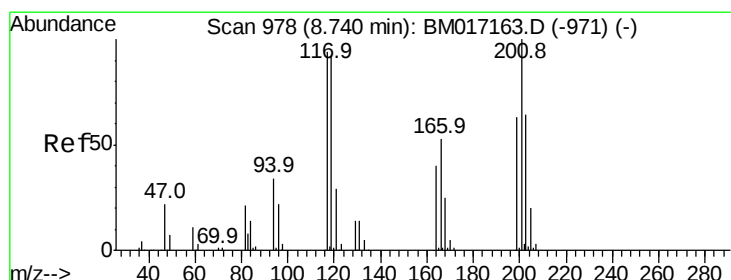
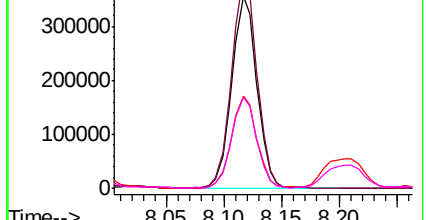


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 37.390 ng

RT: 8.74 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

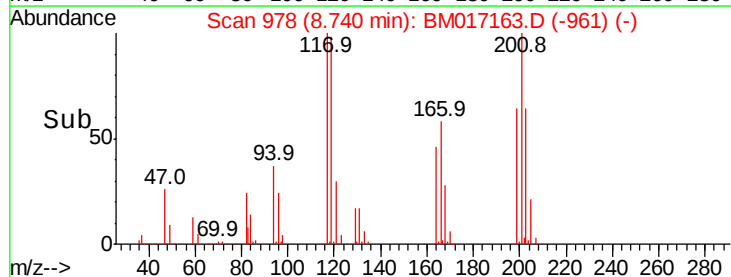
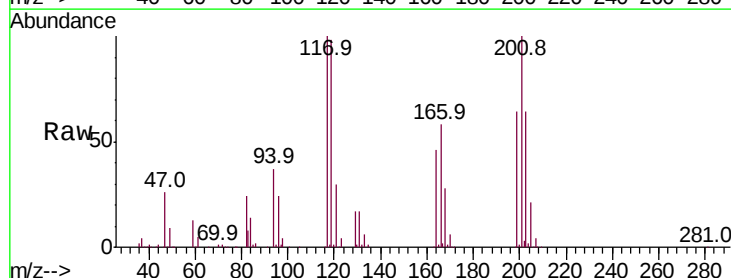
Tgt Ion:117 Resp: 261716

Ion Ratio Lower Upper

117 100

119 97.8 78.2 117.2

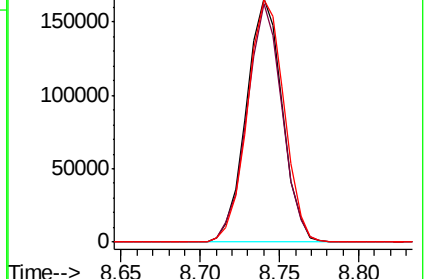
201 99.8 85.3 127.9

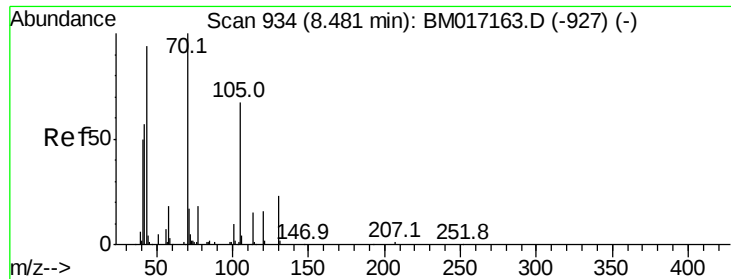


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

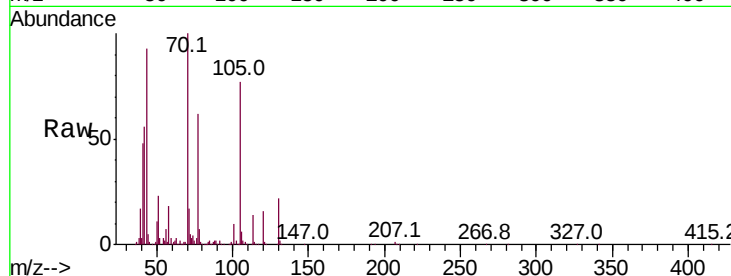




#19
n-Nitroso-di-n-propylamine
Concen: 50.016 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	525075
Ion	Ratio	Lower	Upper
70	100		
42	55.9	46.1	69.1
101	10.1	8.2	12.4
130	21.6	18.4	27.6



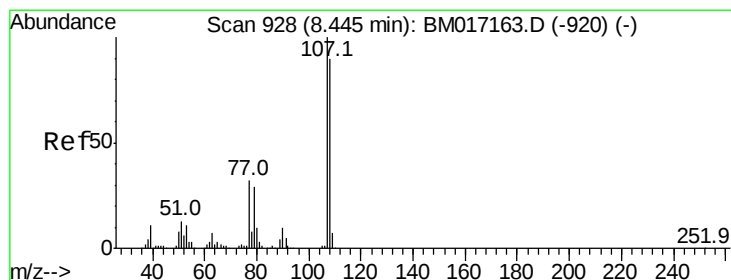
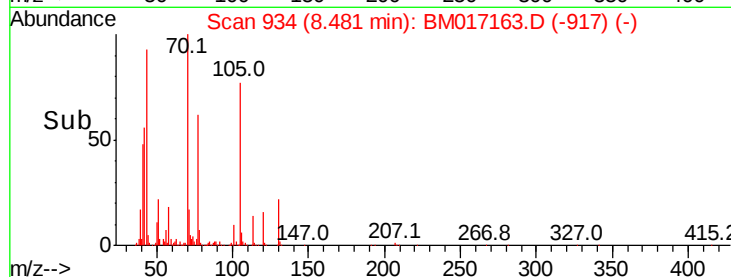
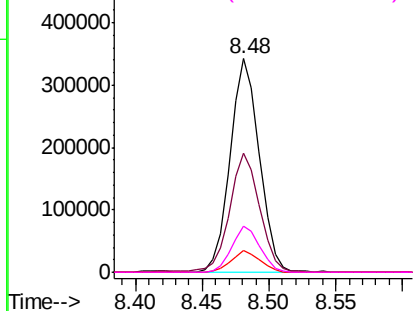
Abundance

Ion 70.00 (69.70 to 70.70): BM017163.D (-927) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-927) (-)

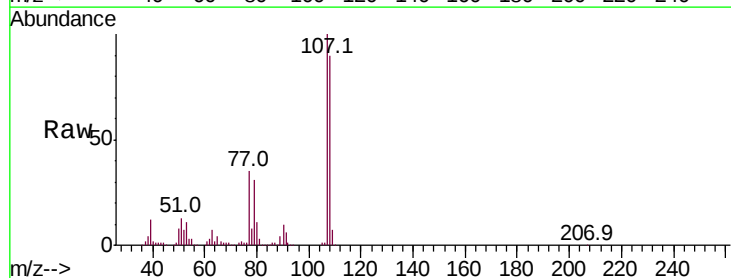
Ion 101.00 (100.70 to 101.70): BM017163.D (-927) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-927) (-)



#20
3+4-Methylphenols
Concen: 44.887 ng
RT: 8.45 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion:	107	Resp:	739958
Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.9	109.9
77	35.2	12.2	52.2
79	31.5	9.0	49.0



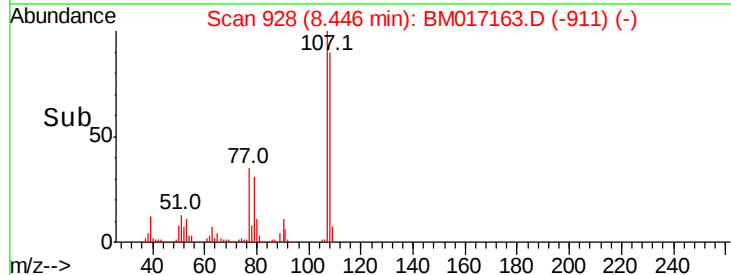
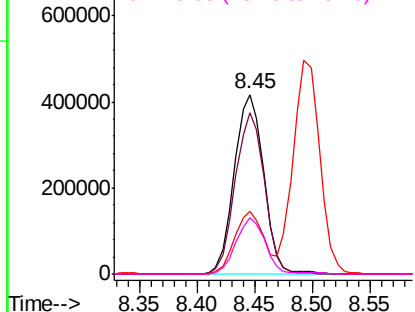
Abundance

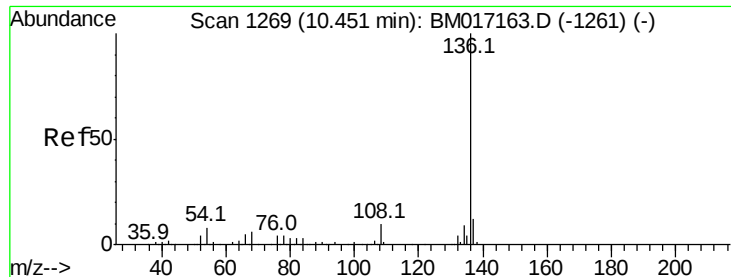
Ion 107.00 (106.70 to 107.70): BM017163.D (-920) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-920) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-920) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-920) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1011129

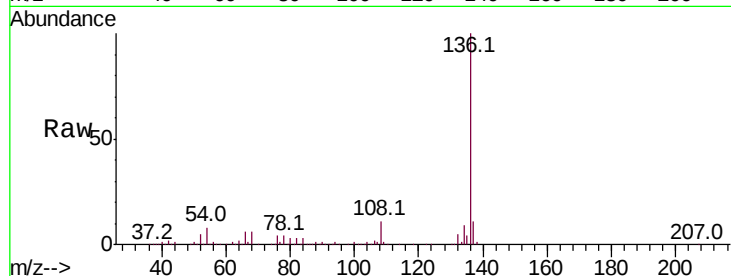
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 8.4 6.7 10.1

68 5.9 4.7 7.1

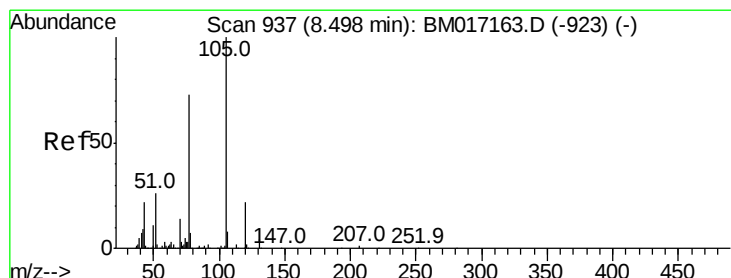
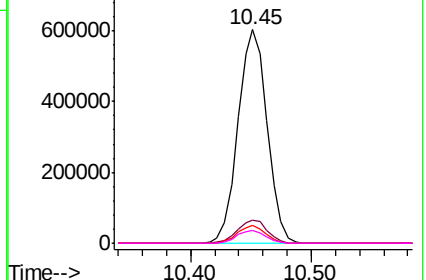
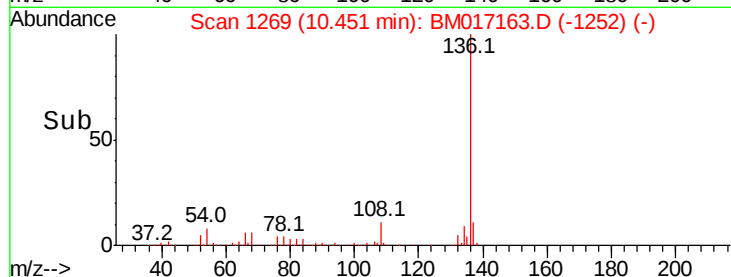


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.280 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Tgt Ion:105 Resp: 1043442

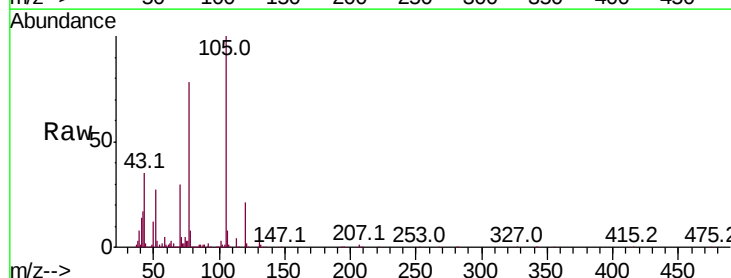
Ion Ratio Lower Upper

105 100

71 5.0 2.0 3.0#

51 27.2 20.6 31.0

120 21.4 17.5 26.3

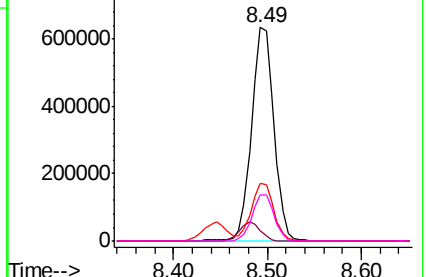
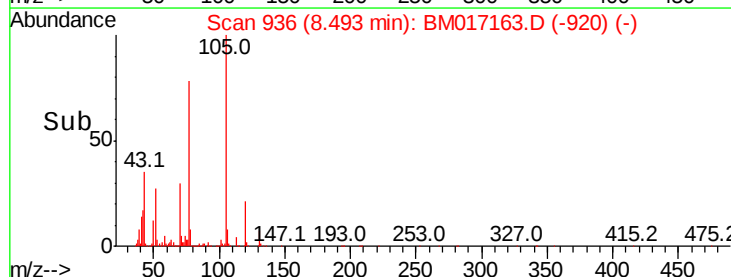


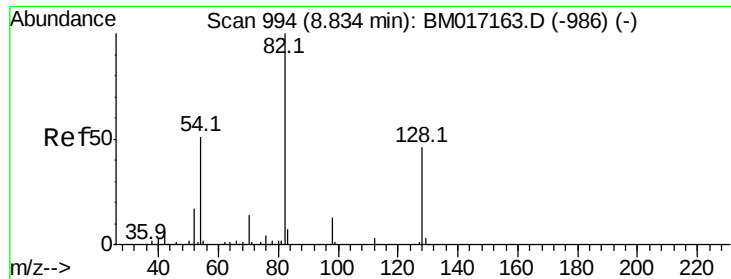
Abundance Ion 105.00 (104.70 to 105.70): E

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

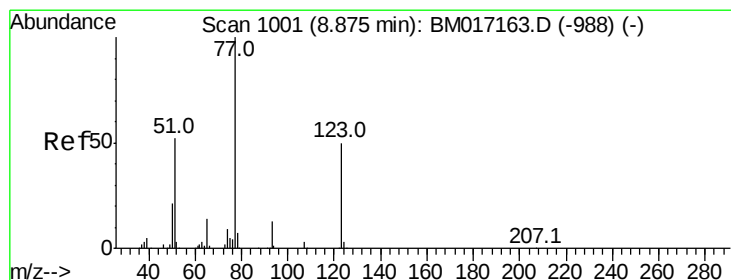
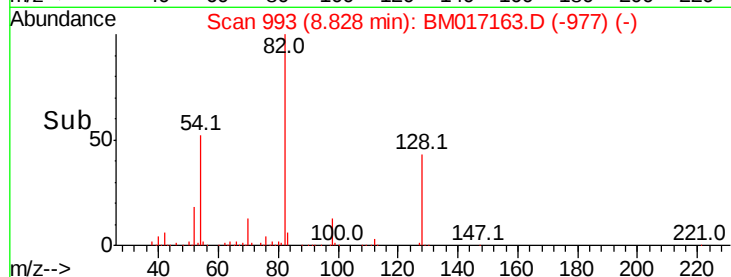
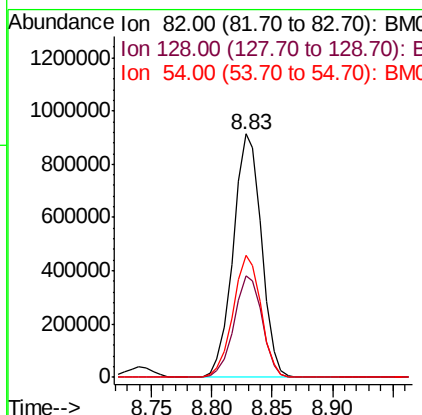
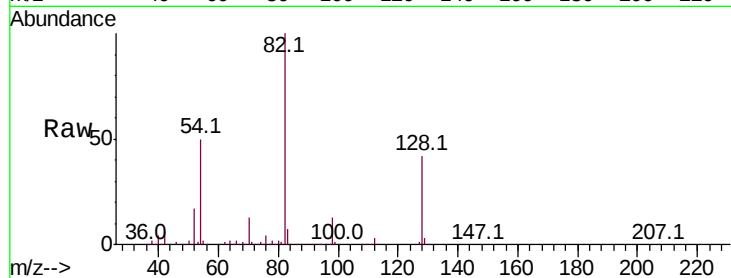




#23
Nitrobenzene-d5
Concen: 87.874 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

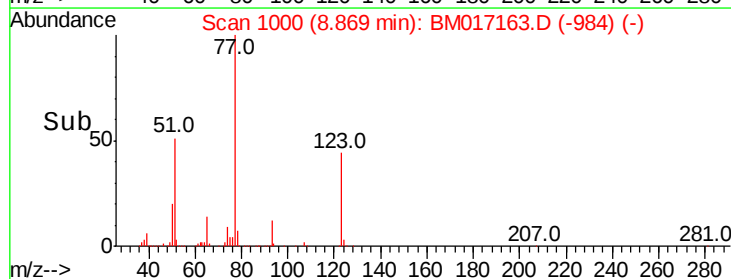
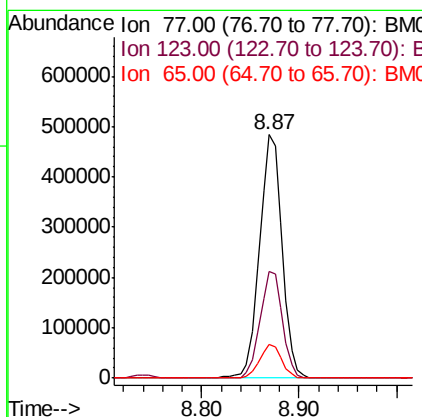
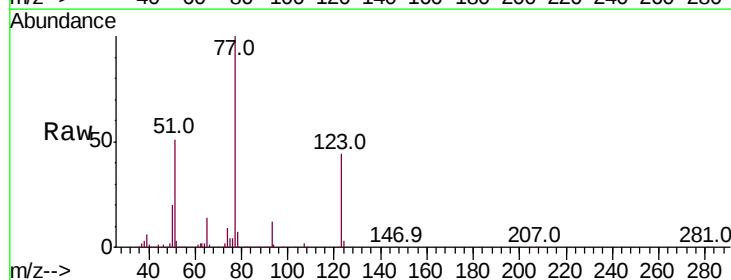
Instrument :
BNA_M
ClientSampleId :

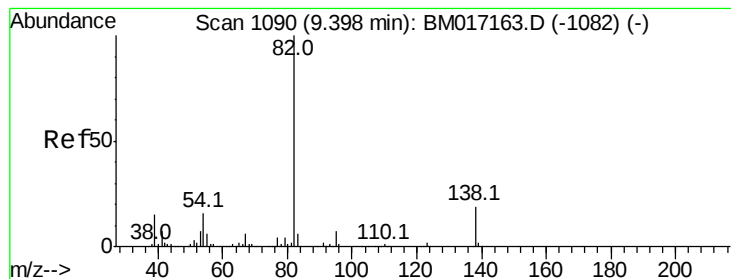
Tot Ion: 82 Resp: 1491740
Ion Ratio Lower Upper
82 100
128 41.8 37.0 55.6
54 50.3 40.7 61.1



#24
Nitrobenzene
Concen: 45.618 ng
RT: 8.87 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion: 77 Resp: 783027
Ion Ratio Lower Upper
77 100
123 44.1 40.2 60.4
65 13.6 11.4 17.0





#25

Isophorone

Concen: 47.909 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

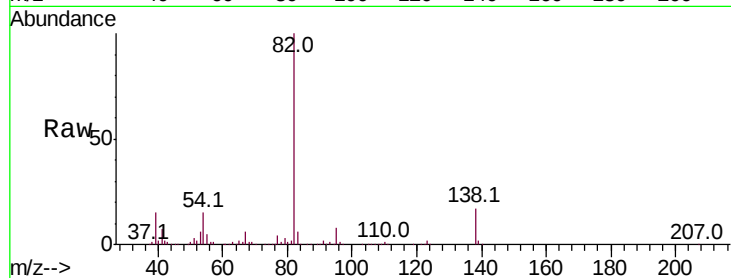
Tot Ion: 82 Resp: 1217115

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

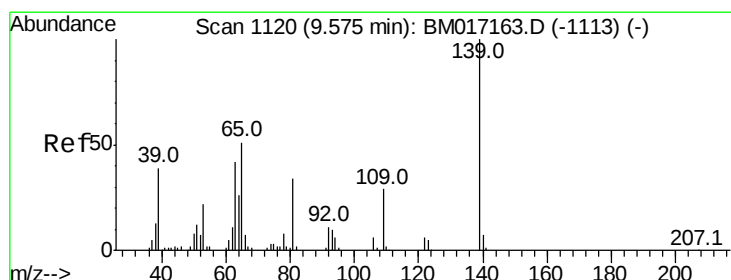
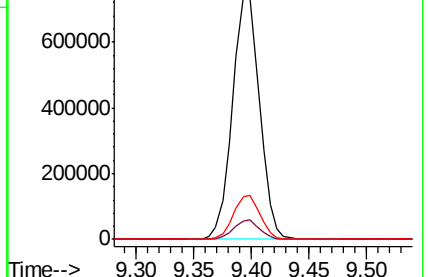
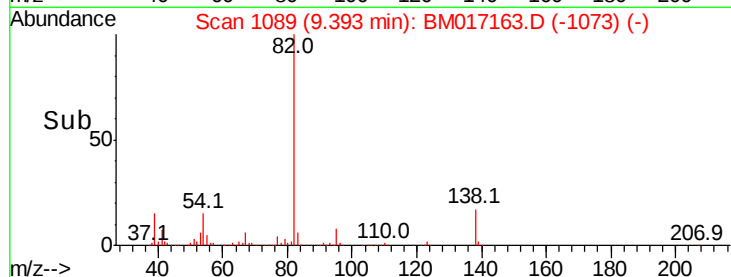
138 17.3 15.4 23.2



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: 43.123 ng

RT: 9.58 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

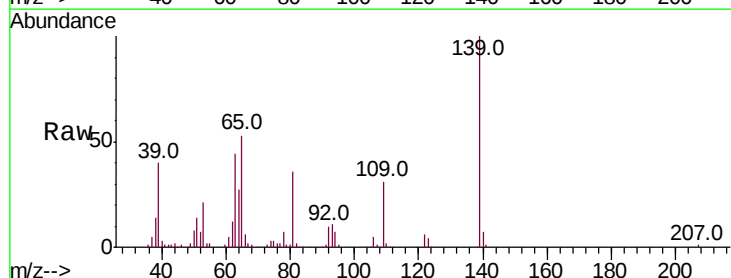
Tgt Ion: 139 Resp: 326003

Ion Ratio Lower Upper

139 100

109 31.2 23.2 34.8

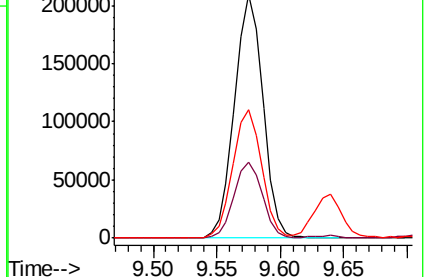
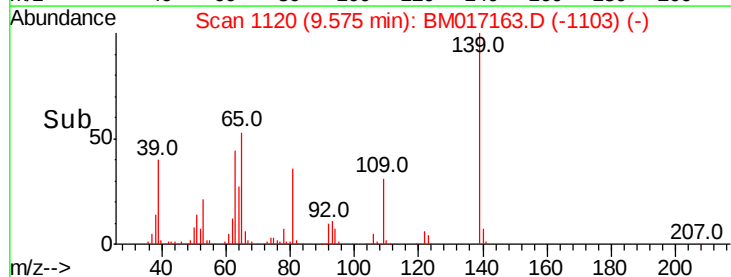
65 52.6 40.6 61.0

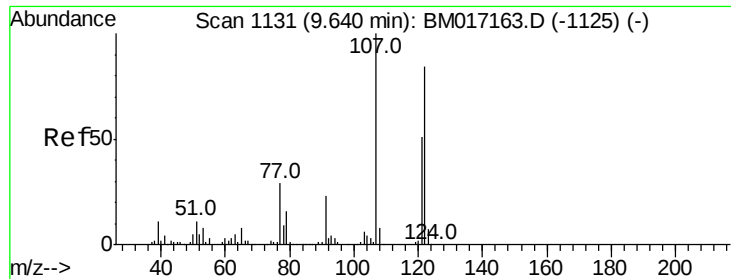


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

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

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

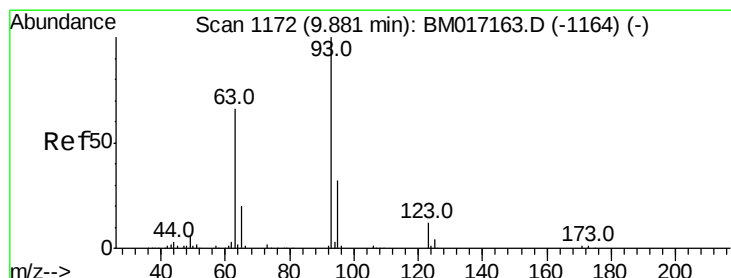
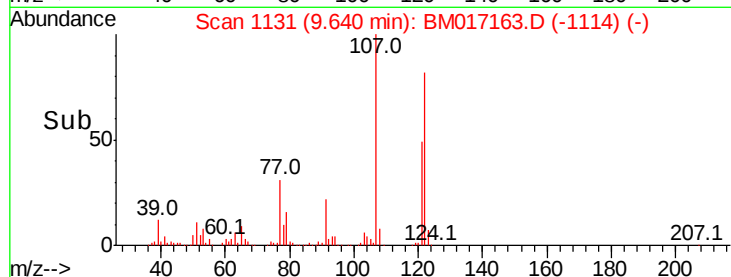
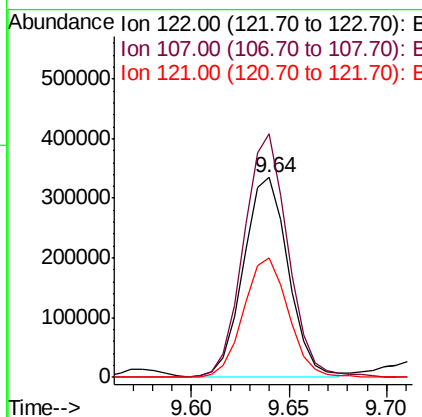
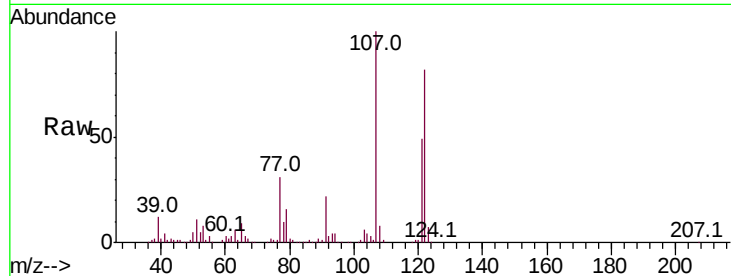




#27
 2,4-Dimethylphenol
 Concen: 44.651 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

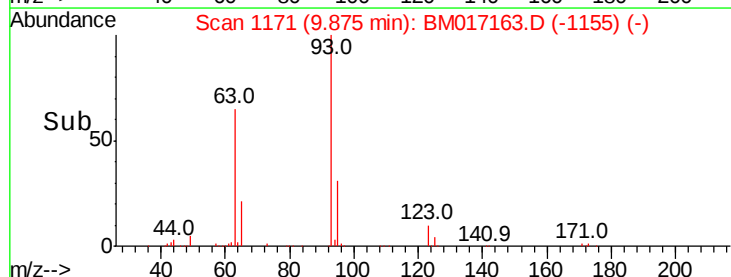
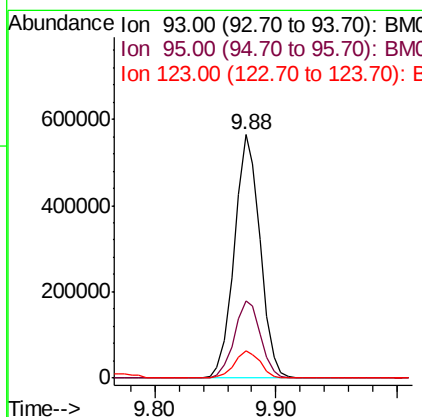
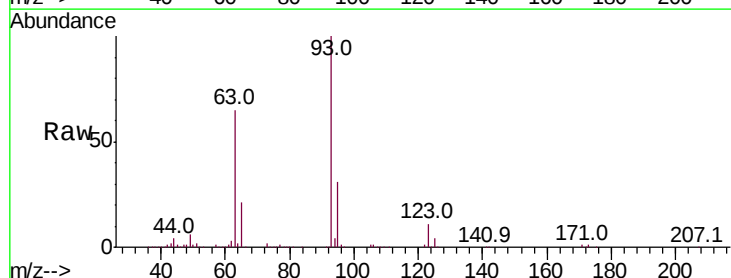
Instrument :
 BNA_M
 ClientSampled :

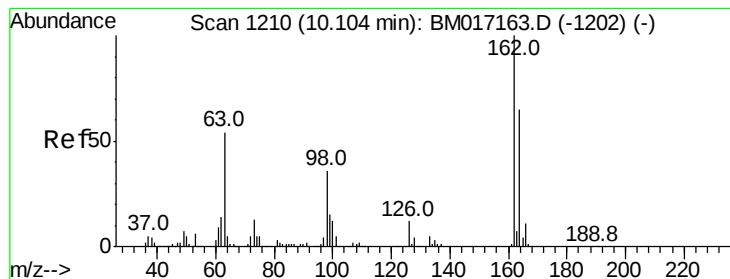
Tot Ion:122 Resp: 529435
 Ion Ratio Lower Upper
 122 100
 107 122.1 95.0 142.6
 121 60.0 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.991 ng
 RT: 9.88 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Tgt Ion: 93 Resp: 836908
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.7 38.5
 123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.211 ng

RT: 10.10 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampled :

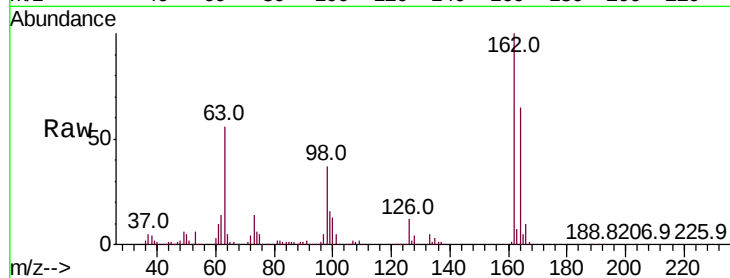
Tot Ion:162 Resp: 618670

Ion Ratio Lower Upper

162 100

164 65.1 44.9 84.9

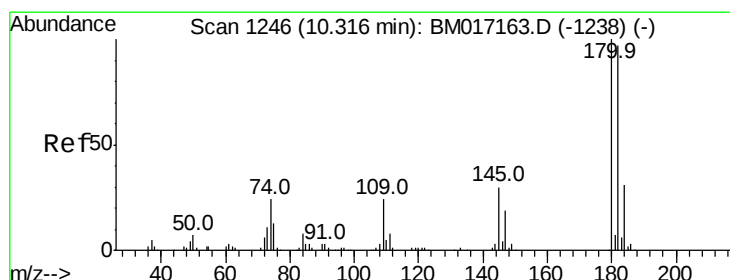
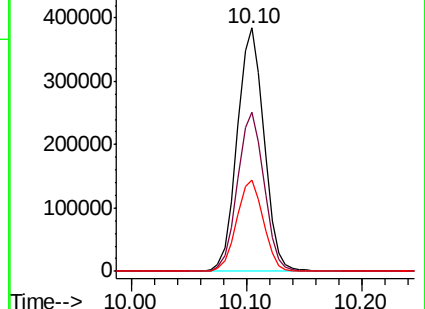
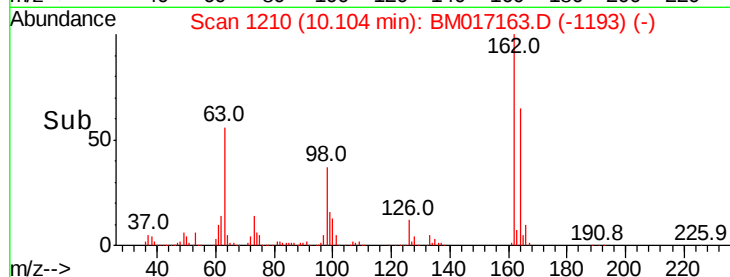
98 37.4 15.8 55.8



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: 39.162 ng

RT: 10.32 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

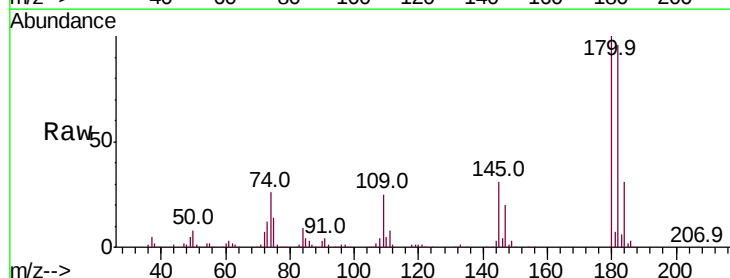
Tgt Ion:180 Resp: 706048

Ion Ratio Lower Upper

180 100

182 95.5 77.5 116.3

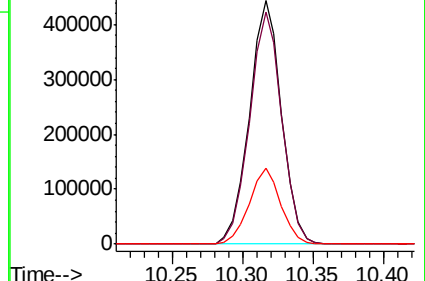
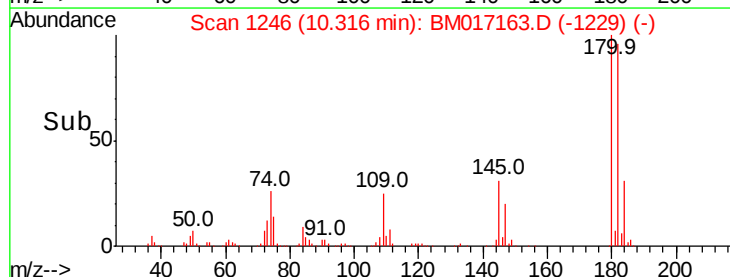
145 31.2 24.0 36.0

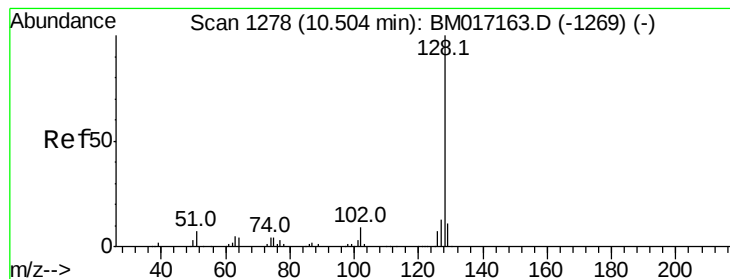


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



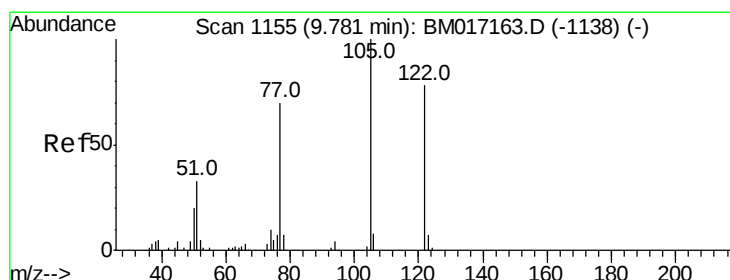
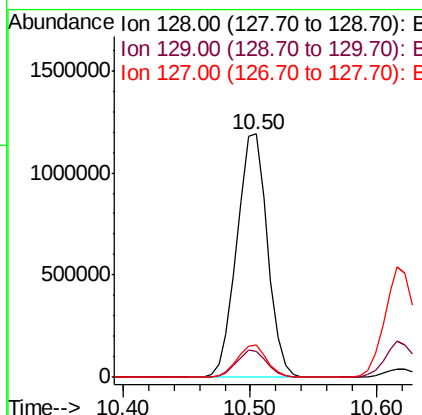
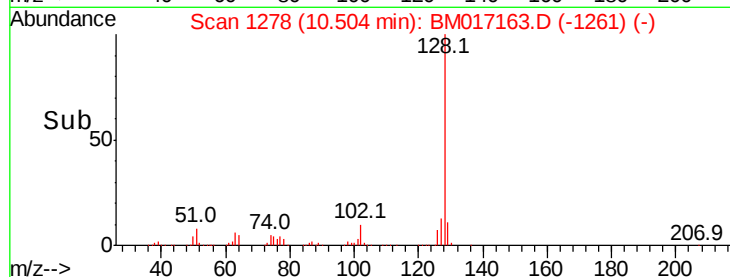
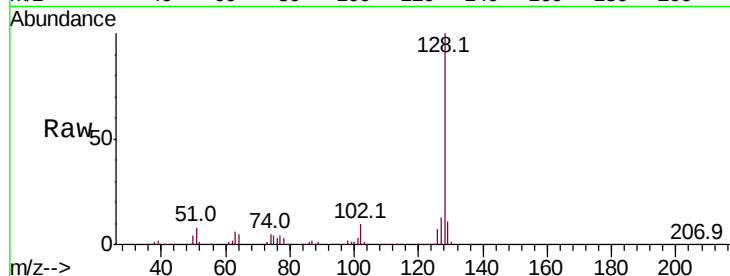


#31
Naphthalene
Concen: 39.966 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 1989226

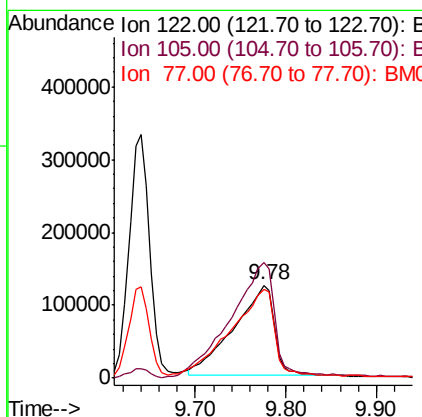
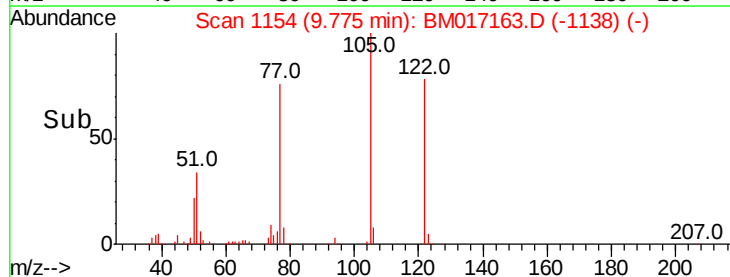
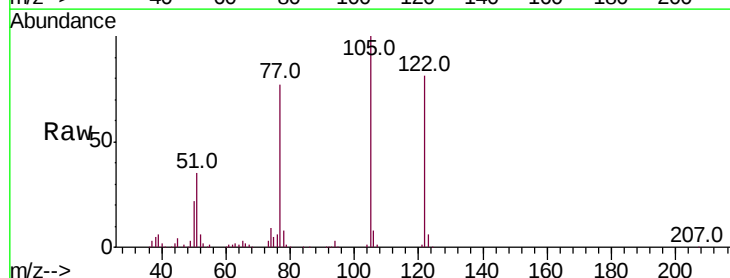
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.5	12.7
127	13.3	10.3	15.5

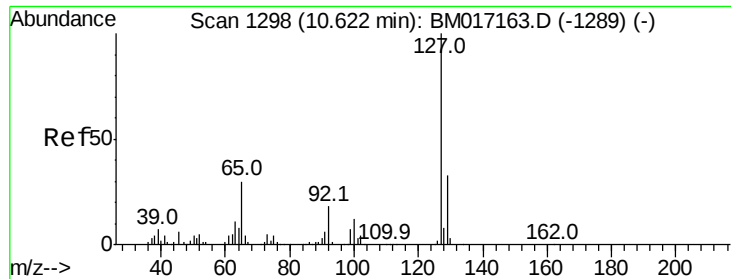


#32
Benzoic acid
Concen: 47.045 ng
RT: 9.78 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion:122 Resp: 388899

Ion	Ratio	Lower	Upper
122	100		
105	124.1	102.0	142.0
77	95.5	67.7	107.7

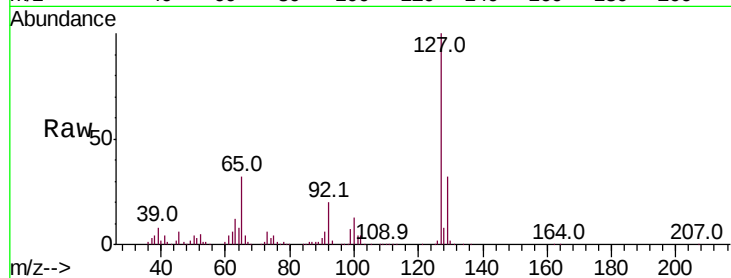




#33
4-Chloroaniline
Concen: 45.080 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	897887
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	31.6	23.7	35.5
92	20.2	14.3	21.5



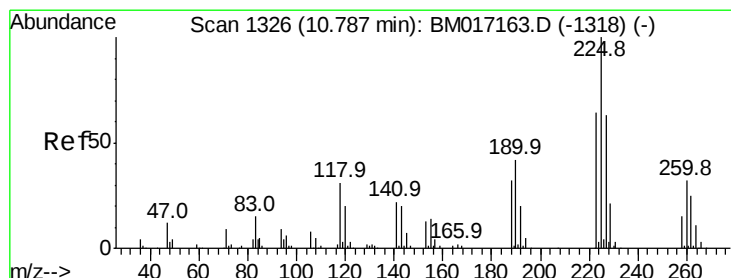
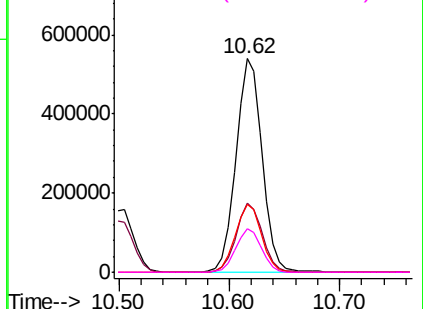
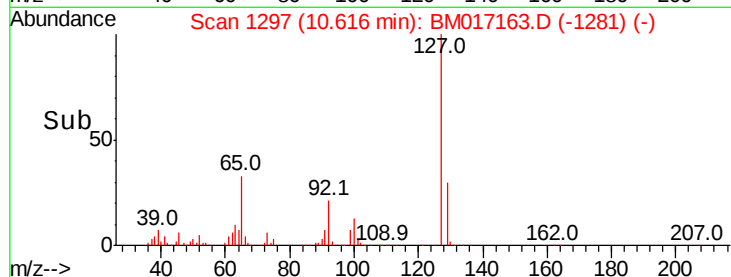
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

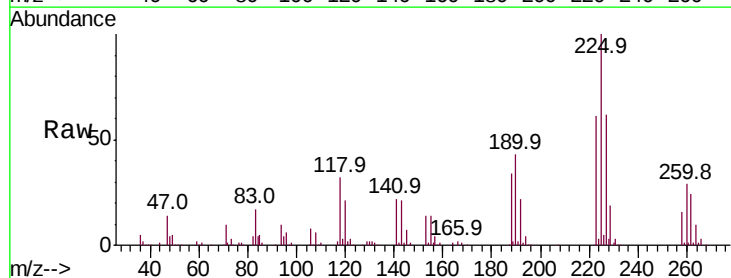
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 38.043 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion:	225	Resp:	441574
Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.0	76.6
227	62.1	50.8	76.2

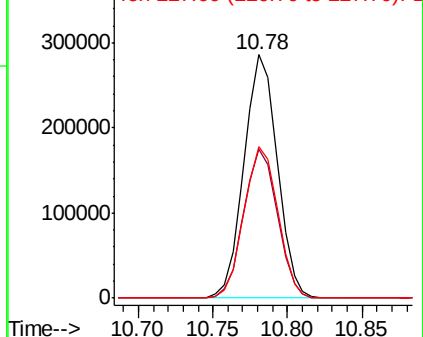
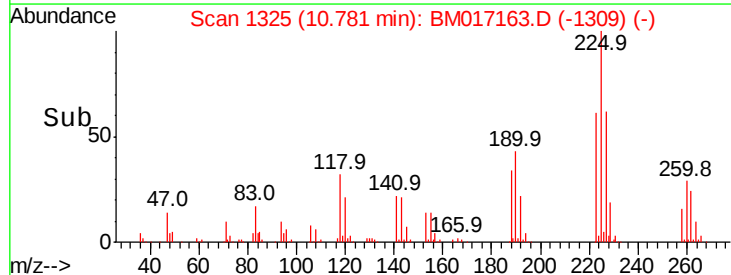


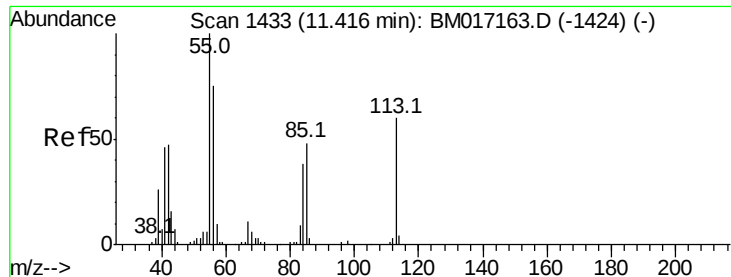
Abundance

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

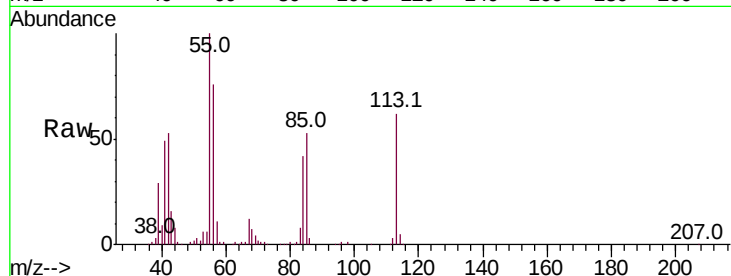




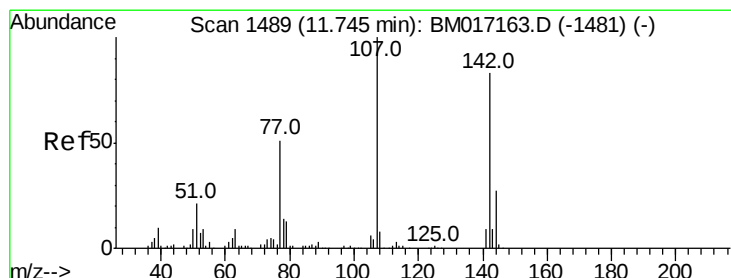
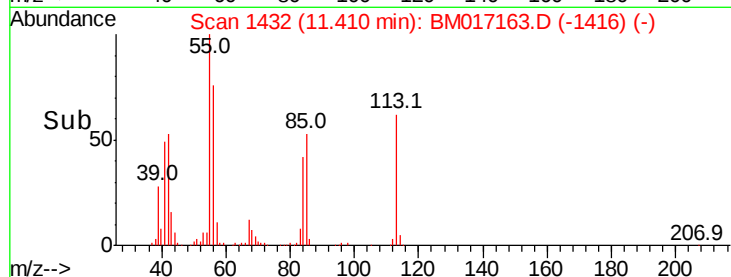
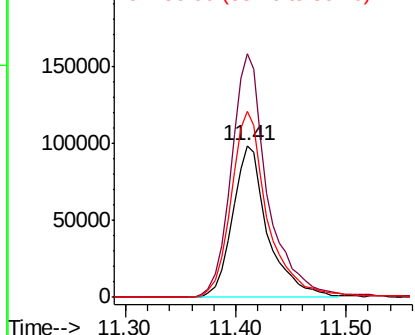
#35
Caprolactam
Concen: 48.672 ng
RT: 11.41 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:113 Resp: 220128
Ion Ratio Lower Upper
113 100
55 160.2 147.0 187.0
56 122.0 104.5 144.5

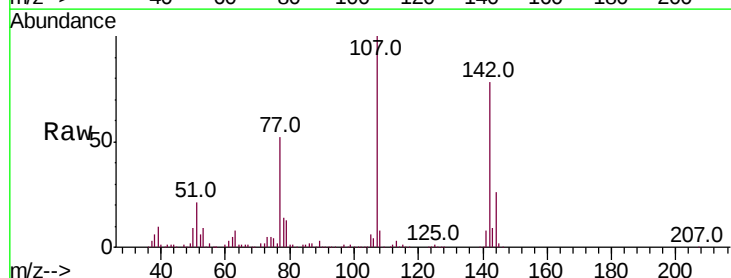


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM
Ion 56.00 (55.70 to 56.70): BM

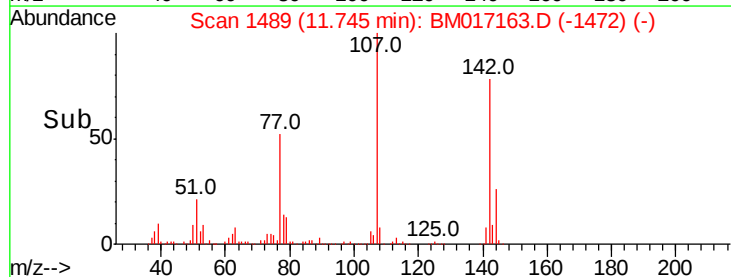
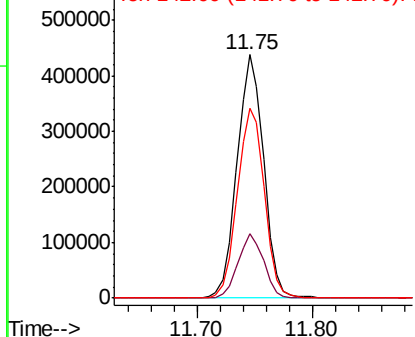


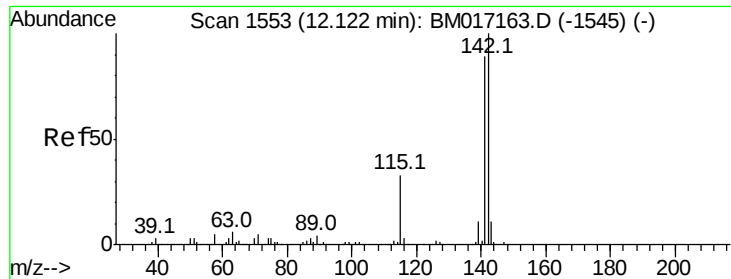
#36
4-Chloro-3-methylphenol
Concen: 46.302 ng
RT: 11.75 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion:107 Resp: 698040
Ion Ratio Lower Upper
107 100
144 26.2 21.6 32.4
142 77.8 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

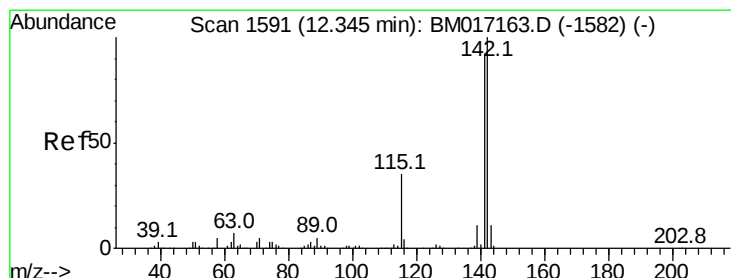
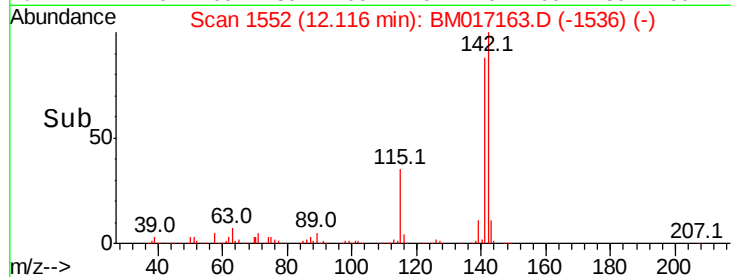
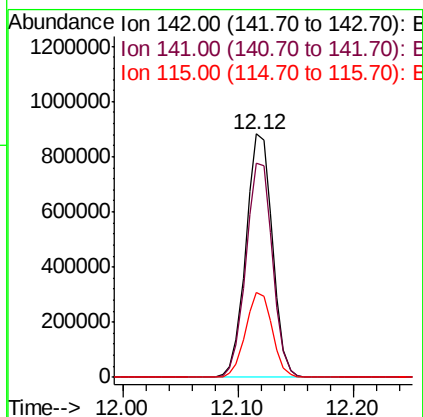
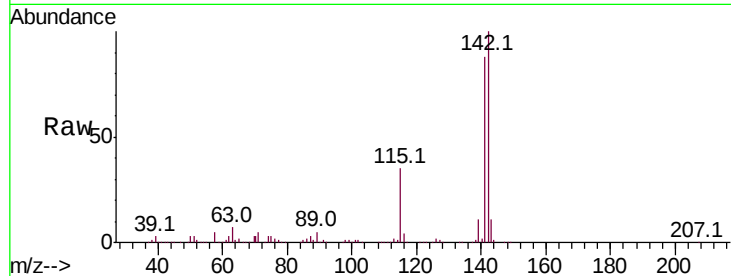




#37
2-Methylnaphthalene
Concen: 42.439 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

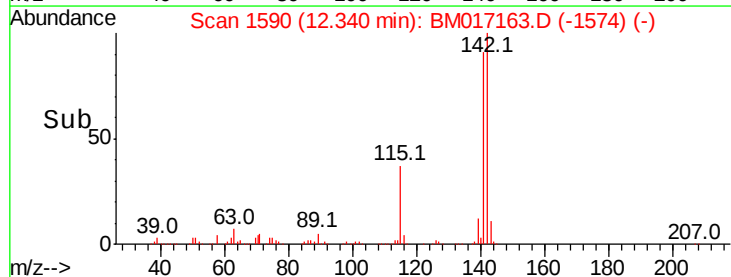
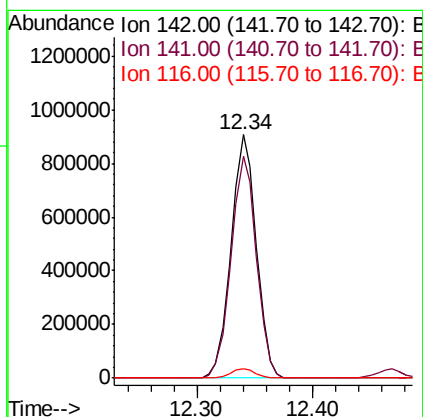
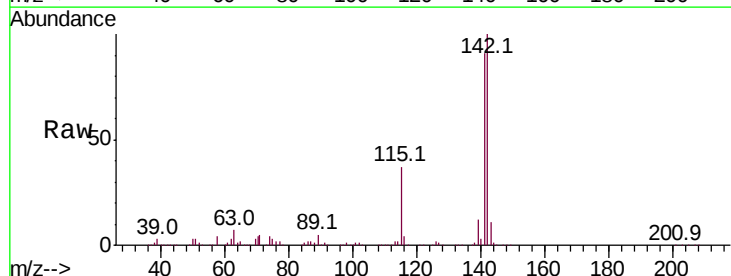
Instrument :
BNA_M
ClientSampled :

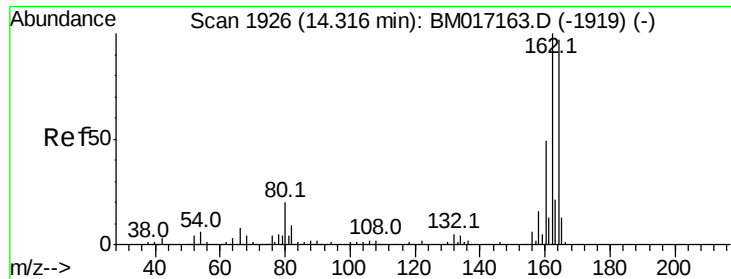
Tot Ion:142 Resp: 1406003
Ion Ratio Lower Upper
142 100
141 87.8 70.9 106.3
115 34.8 26.4 39.6



#38
1-Methylnaphthalene
Concen: 42.288 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion:142 Resp: 1369289
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6
116 3.8 2.9 4.3

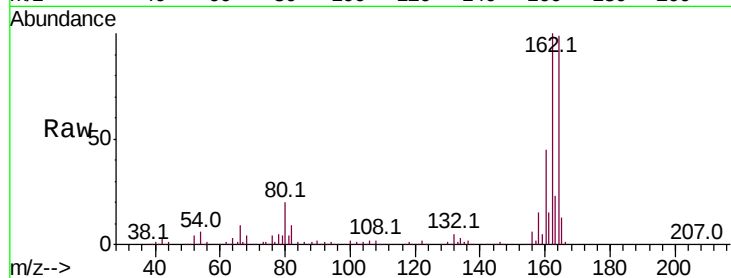




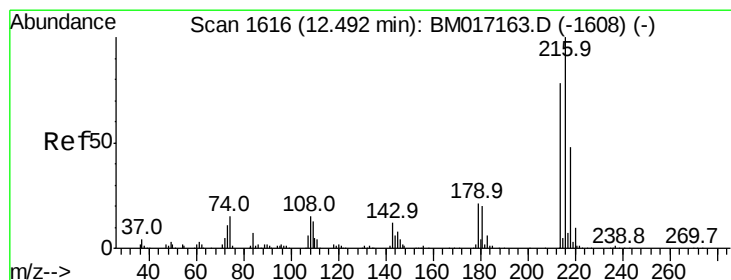
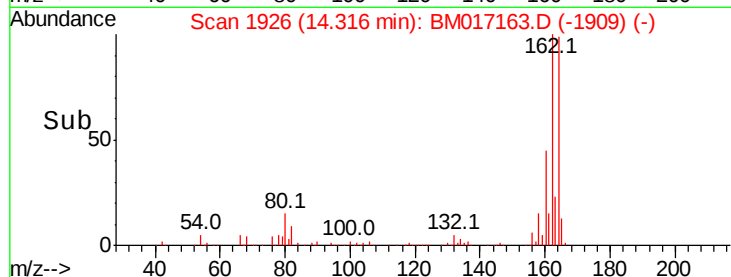
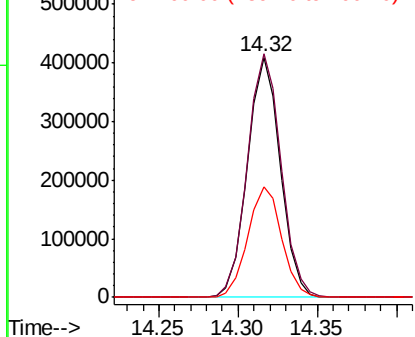
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 590103
Ion Ratio Lower Upper
164 100
162 101.4 82.1 123.1
160 46.0 40.2 60.2

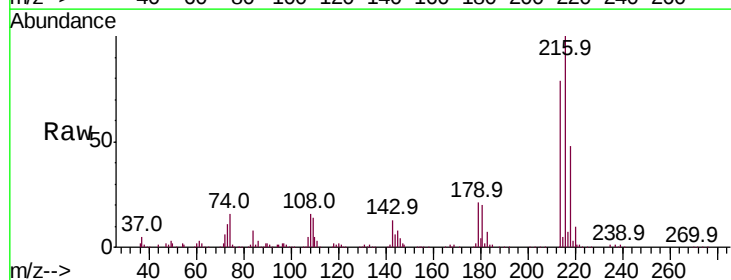


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

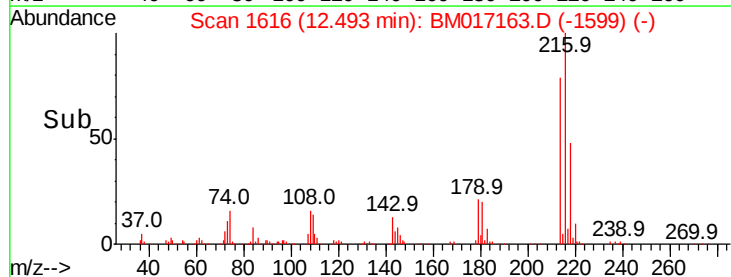
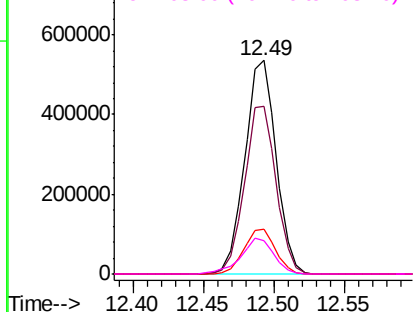


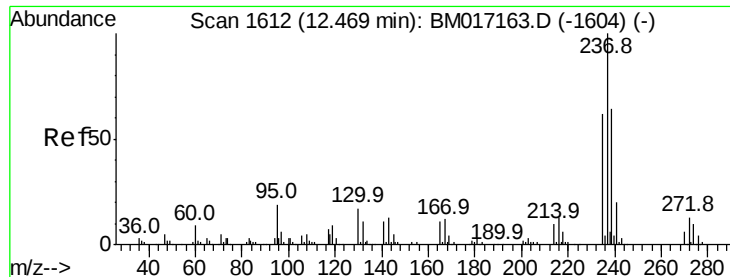
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.740 ng
RT: 12.49 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion:216 Resp: 833259
Ion Ratio Lower Upper
216 100
214 79.2 62.6 93.8
179 21.3 16.6 24.8
108 17.7 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: 39.149 ng

RT: 12.47 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

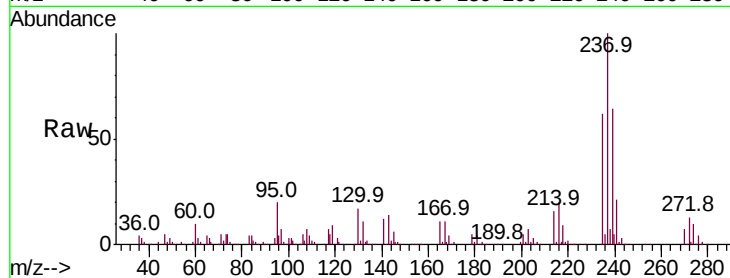
Tot Ion:237 Resp: 423067

Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.4	82.4
272	12.8	0.0	33.0

237 100

235 61.7 42.4 82.4

272 12.8 0.0 33.0

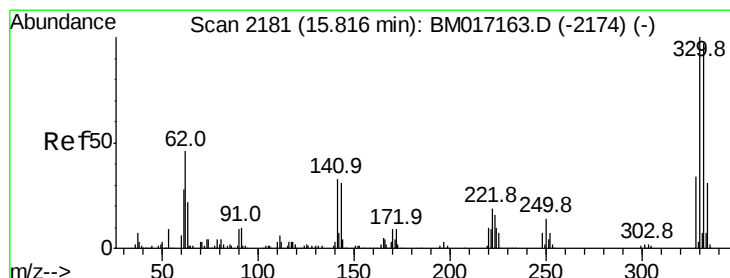
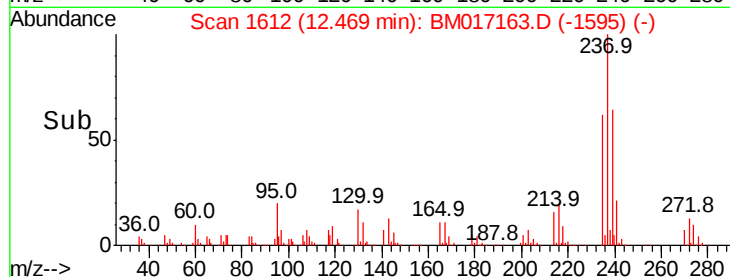
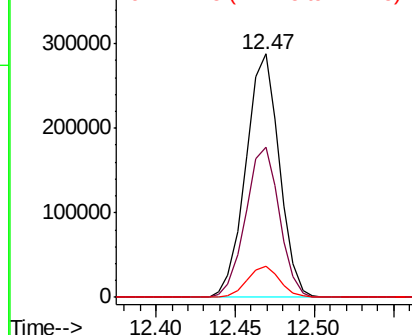


Abundance

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: 77.468 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

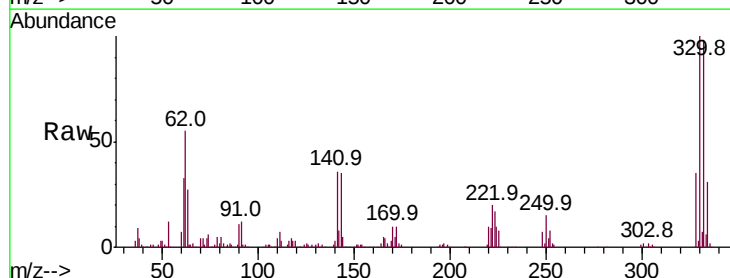
Tgt Ion:330 Resp: 643609

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	34.3	27.4	41.0

330 100

332 97.6 77.3 115.9

141 34.3 27.4 41.0

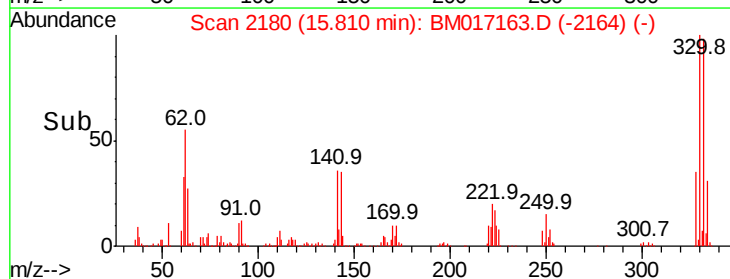
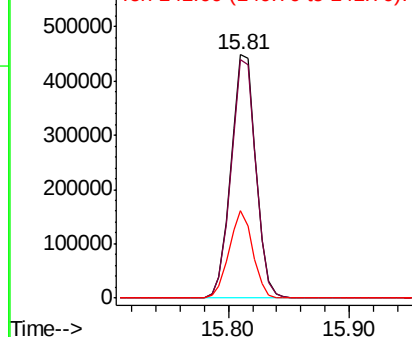


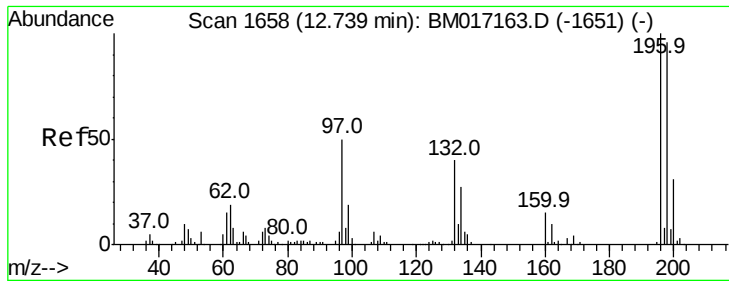
Abundance

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

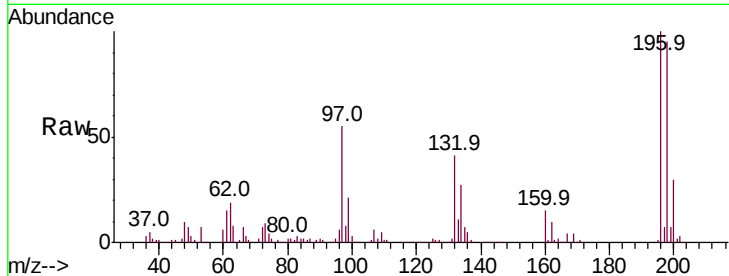




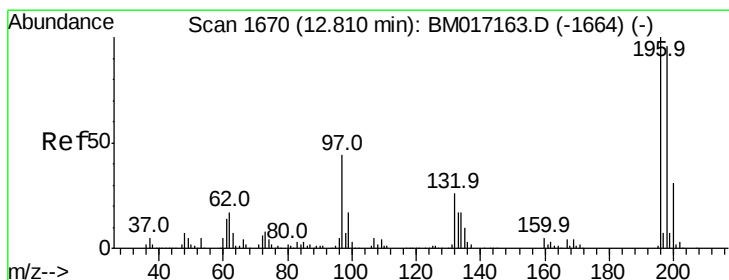
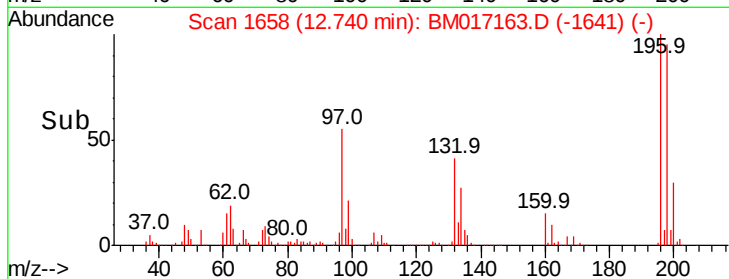
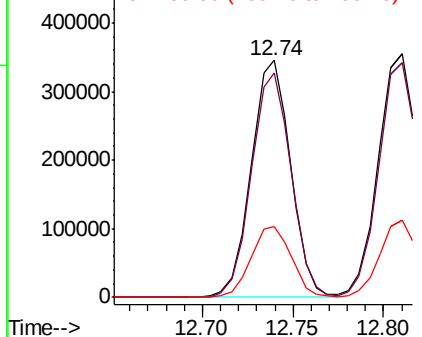
#43
 2,4,6-Trichlorophenol
 Concen: 43.381 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 521429
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.1 115.7
 200 30.2 25.0 37.4



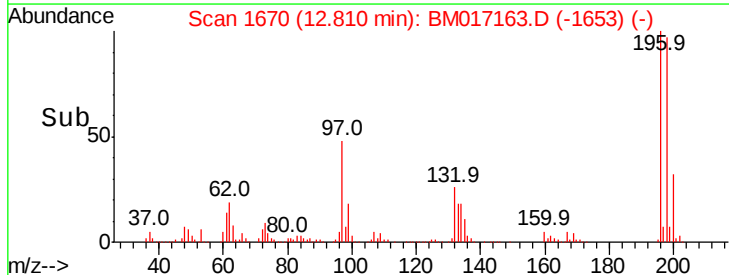
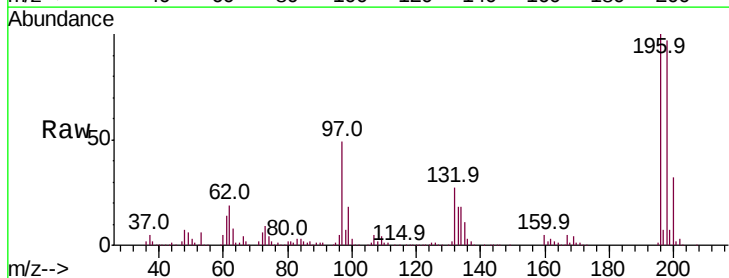
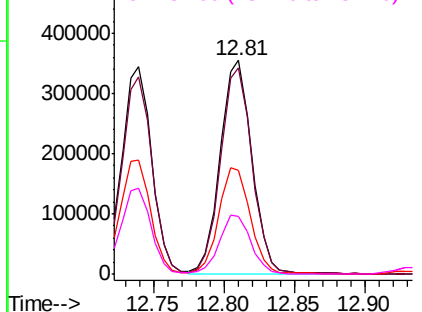
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

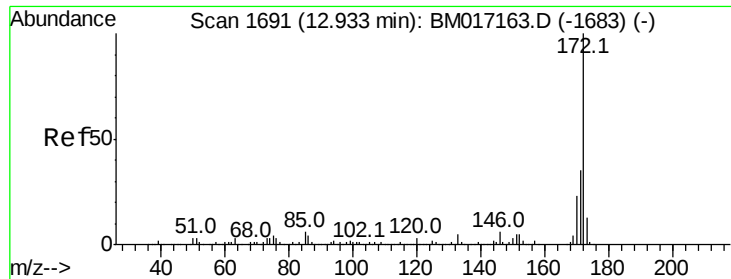


#44
 2,4,5-Trichlorophenol
 Concen: 42.145 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Tgt Ion:196 Resp: 550635
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.6 115.0
 97 48.8 35.5 53.3
 132 26.8 20.7 31.1

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

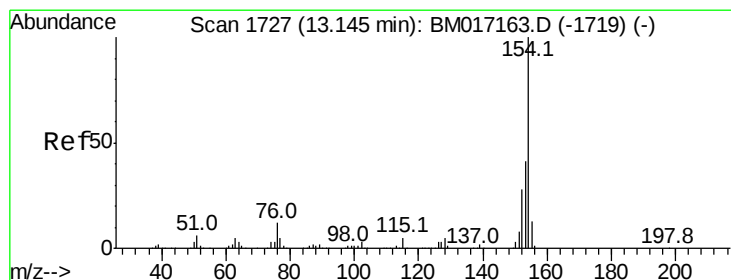
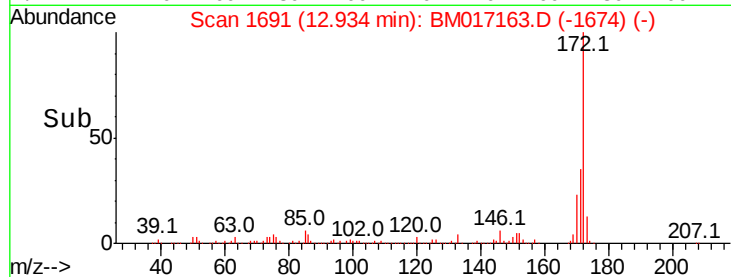
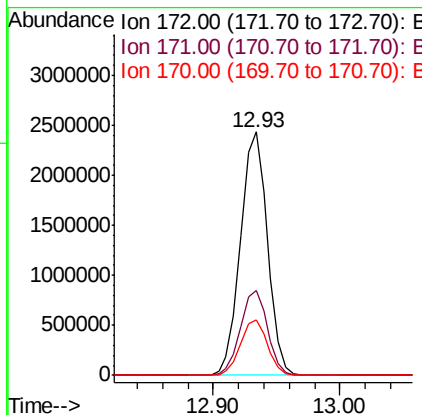
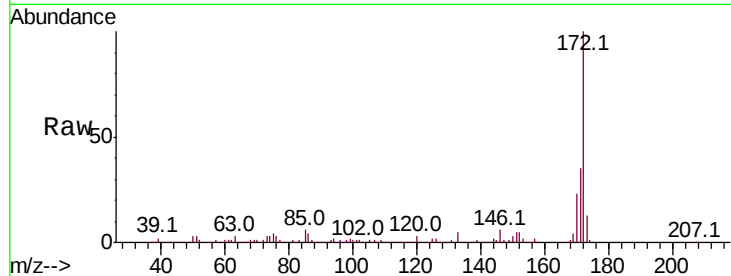




#45
2-Fluorobiphenyl
Concen: 78.361 ng
RT: 12.93 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

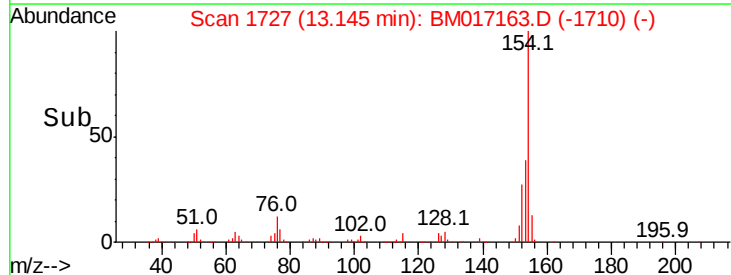
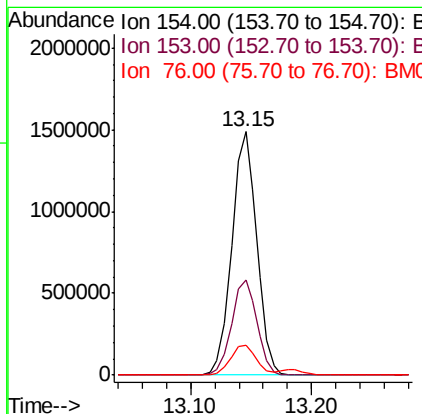
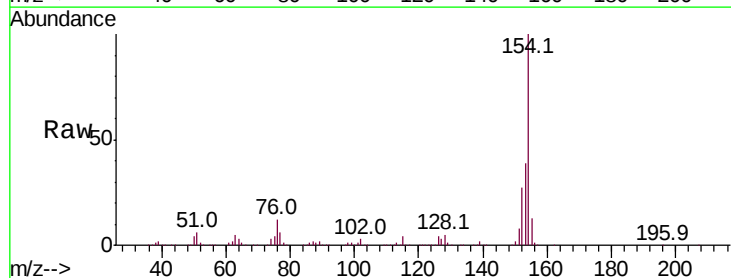
Instrument :
BNA_M
ClientSampleId :

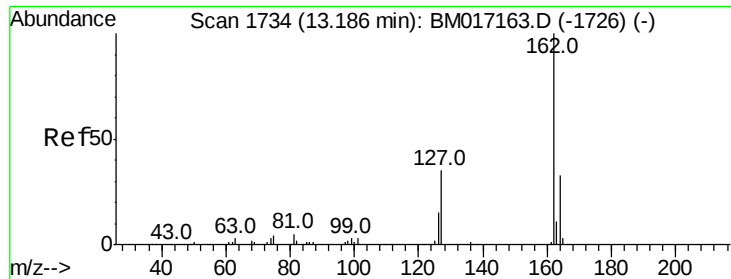
Tot Ion:172 Resp: 3572146
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.0 18.3 27.5



#46
1,1'-Biphenyl
Concen: 39.552 ng
RT: 13.15 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion:154 Resp: 2130972
Ion Ratio Lower Upper
154 100
153 39.0 20.5 60.5
76 12.4 0.0 31.8

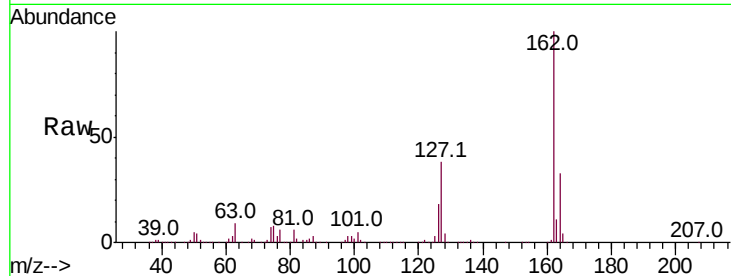




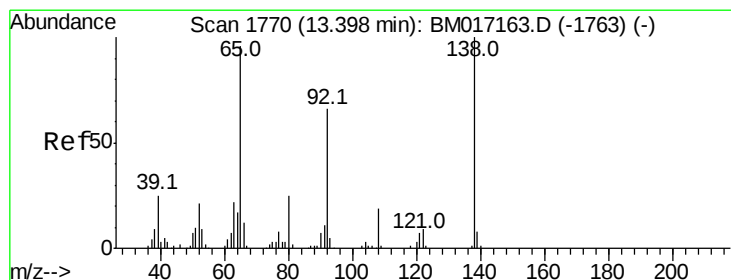
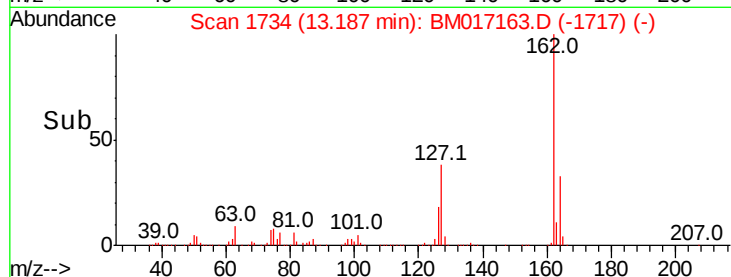
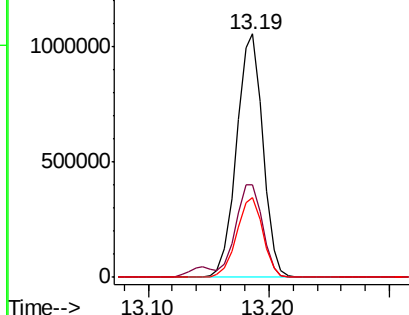
#47
 2-Chloronaphthalene
 Concen: 39.741 ng
 RT: 13.19 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:162 Resp: 1595423
 Ion Ratio Lower Upper
 162 100
 127 38.2 31.0 46.4
 164 32.8 26.6 39.8

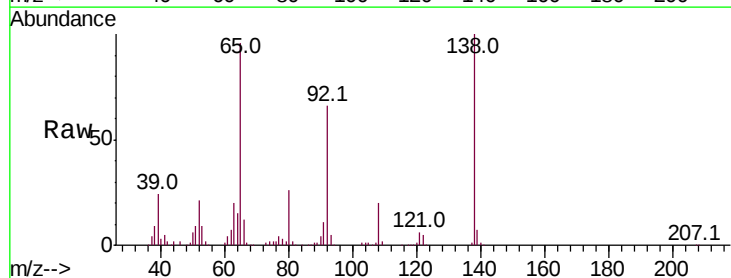


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

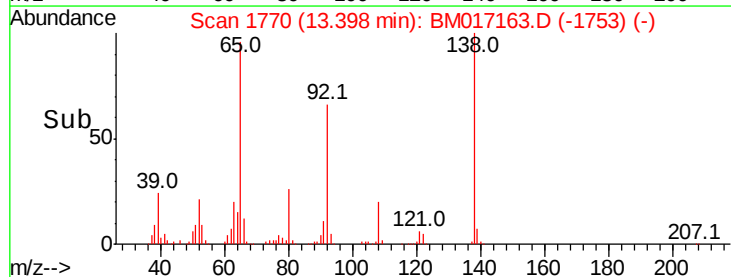
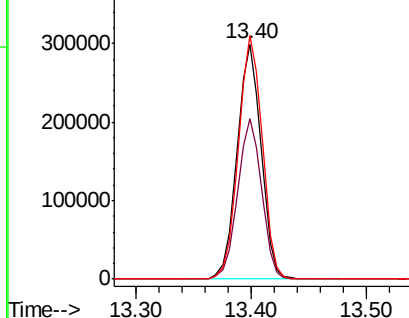


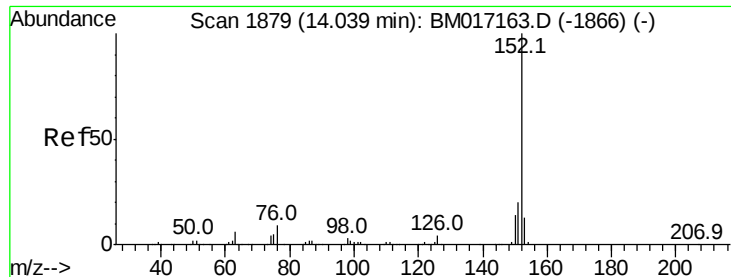
#48
 2-Nitroaniline
 Concen: 54.742 ng
 RT: 13.40 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Tgt Ion: 65 Resp: 429139
 Ion Ratio Lower Upper
 65 100
 92 68.4 54.9 82.3
 138 103.8 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: 41.272 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

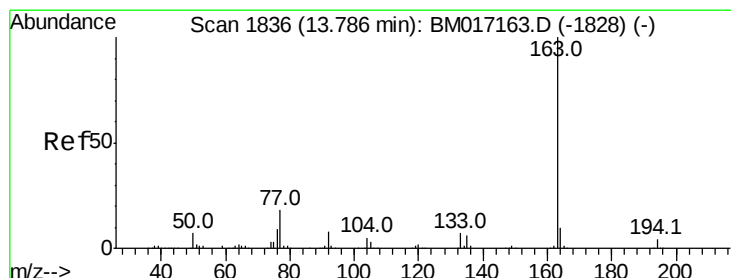
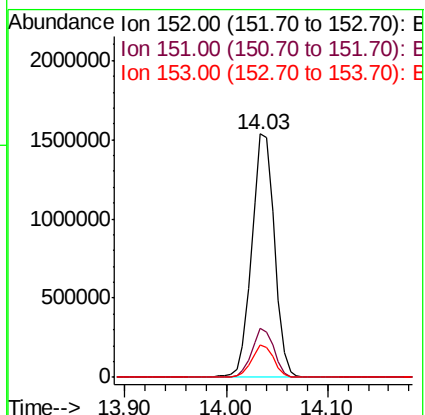
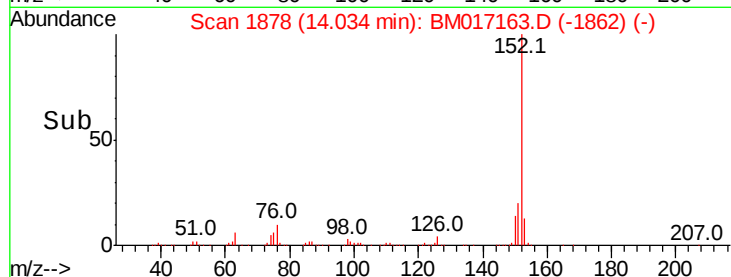
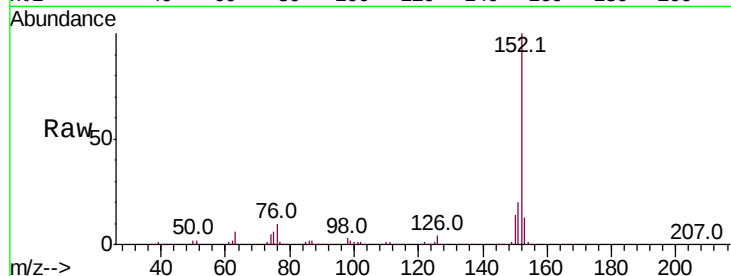
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 2378245

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.4	15.6



#50

Dimethylphthalate

Concen: 41.945 ng

RT: 13.78 min Scan# 1835

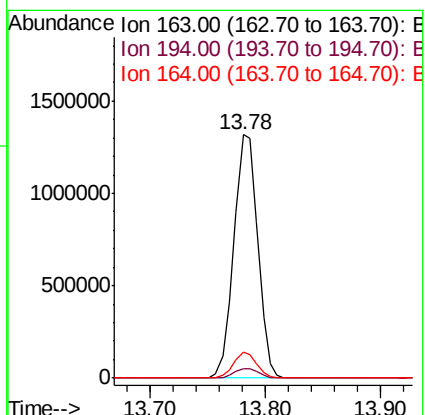
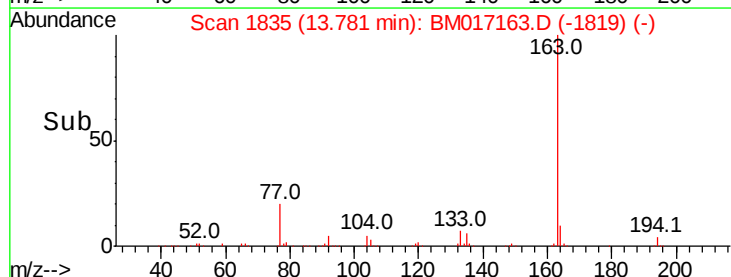
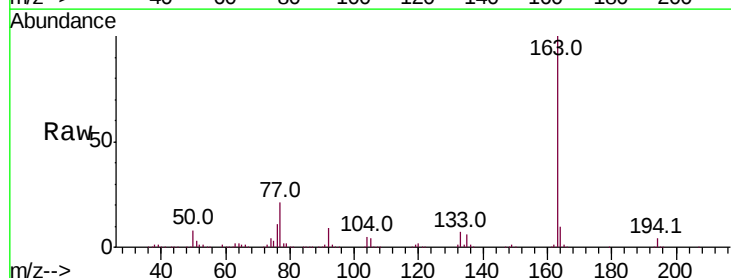
Delta R.T. -0.01 min

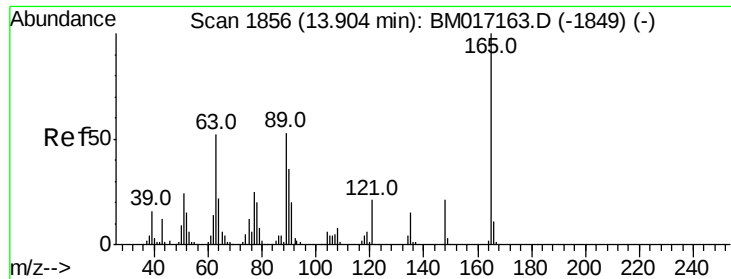
Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Tgt Ion:163 Resp: 1887472

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.4	7.8	11.8

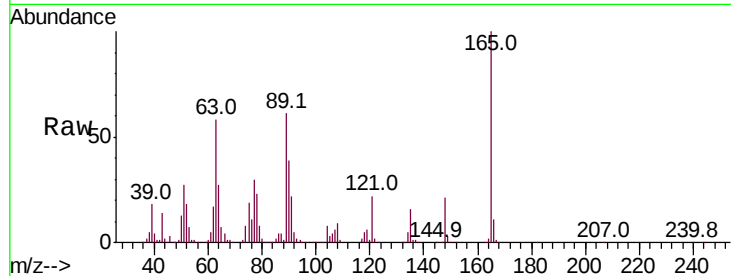




#51
2,6-Dinitrotoluene
Concen: 41.635 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.1	42.7	64.1
89	60.7	42.1	63.1

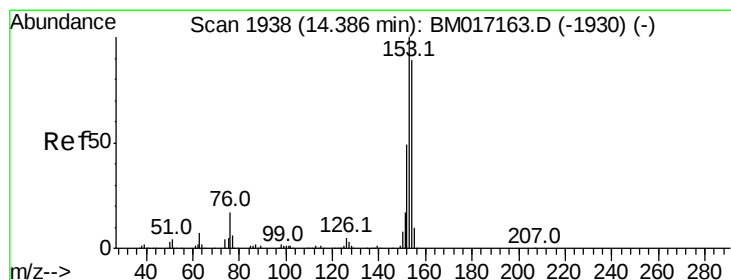
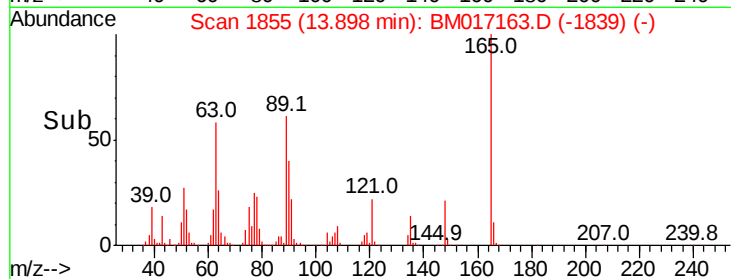
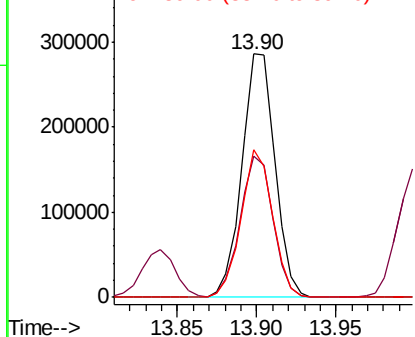


Abundance

Ion 165.00 (164.70 to 165.70): E

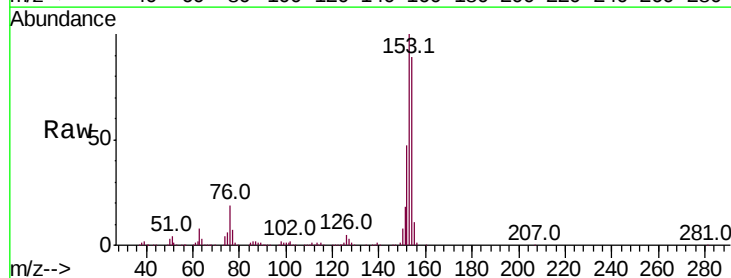
Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52
Acenaphthene
Concen: 40.066 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.2	135.2
152	53.0	44.2	66.4

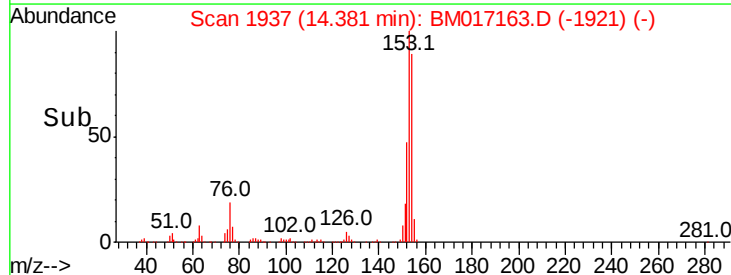
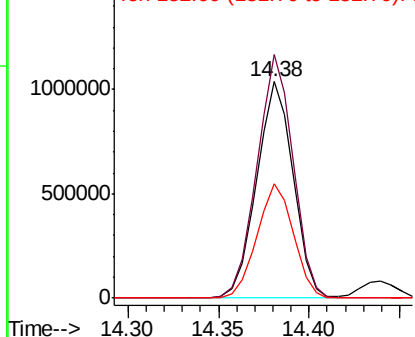


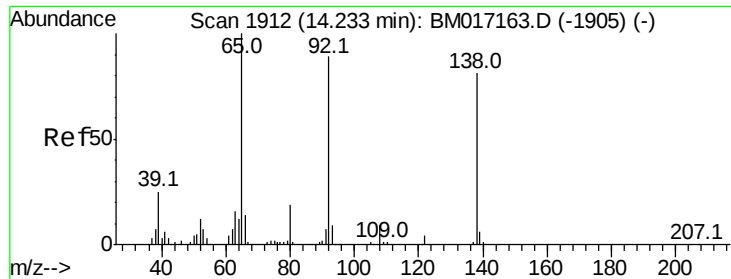
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

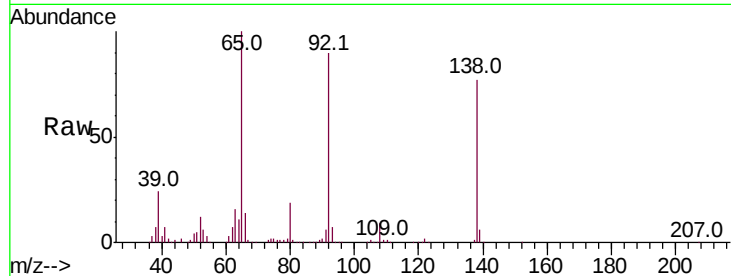




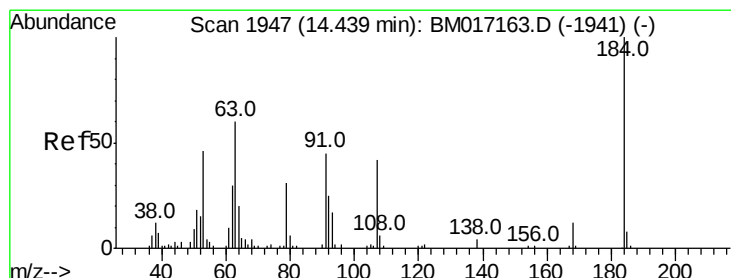
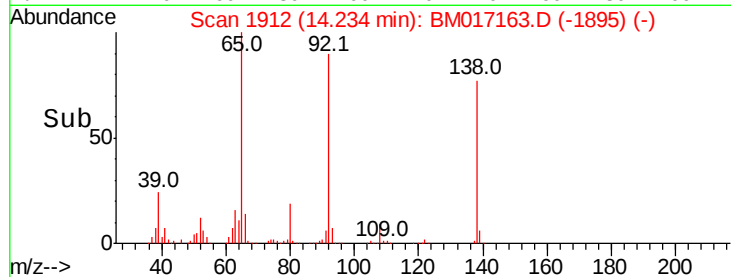
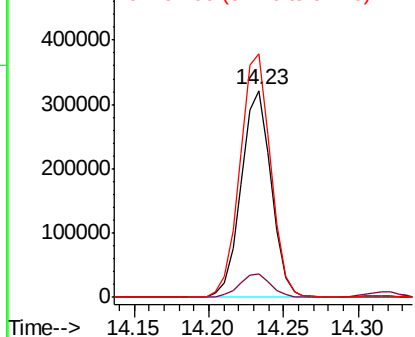
#53
3-Nitroaniline
Concen: 44.173 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 449322
Ion Ratio Lower Upper
138 100
108 11.6 8.7 13.1
92 117.8 87.9 131.9

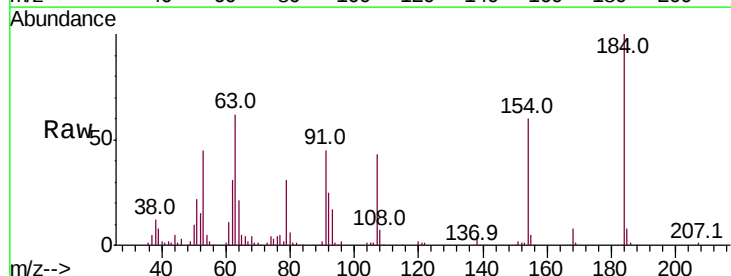


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

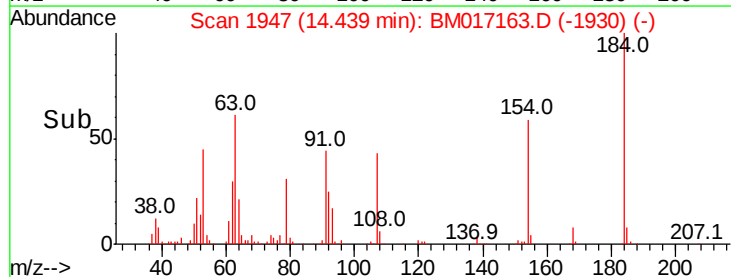
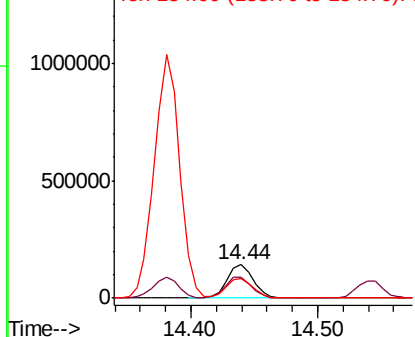


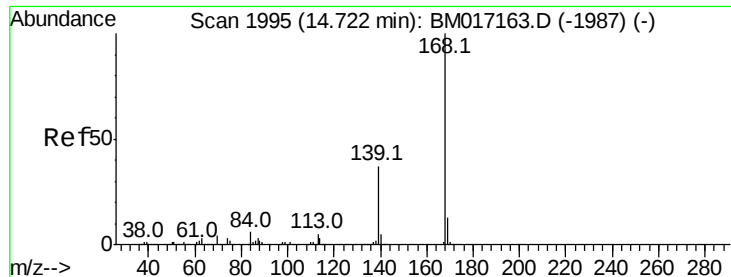
#54
2,4-Dinitrophenol
Concen: 43.488 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion:184 Resp: 198180
Ion Ratio Lower Upper
184 100
63 61.6 51.2 76.8
154 59.5 47.8 71.8



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

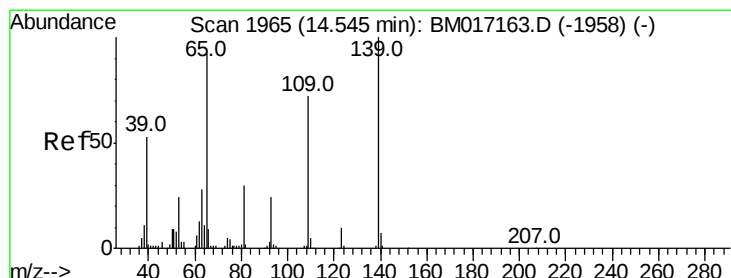
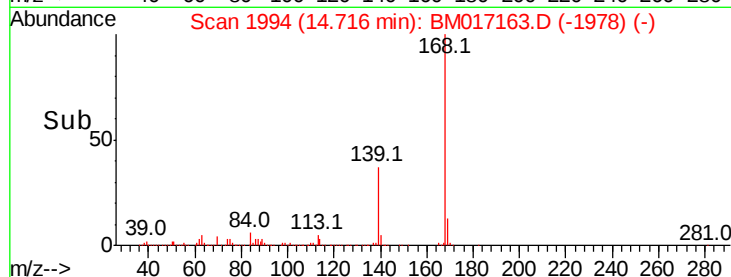
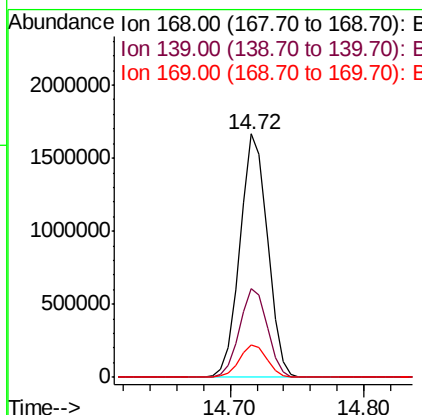
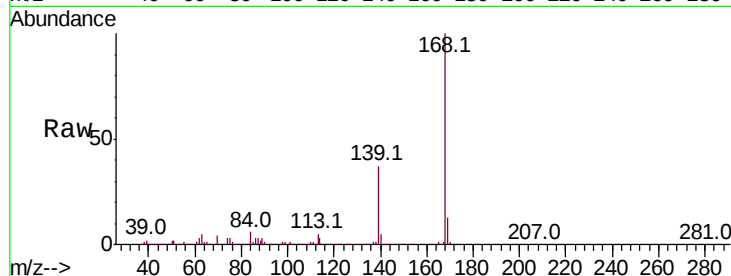




#55
Dibenzofuran
Concen: 39.027 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

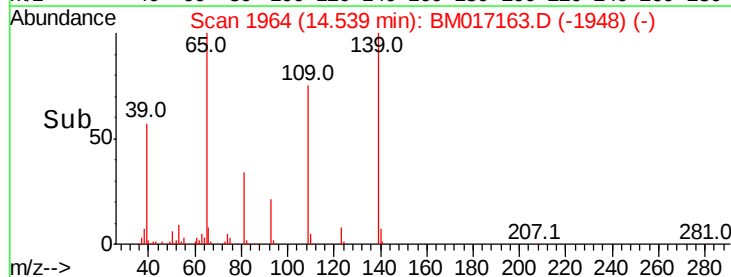
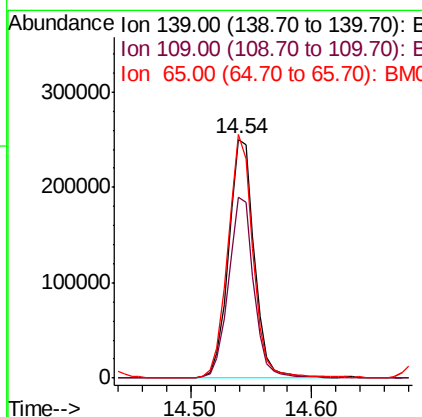
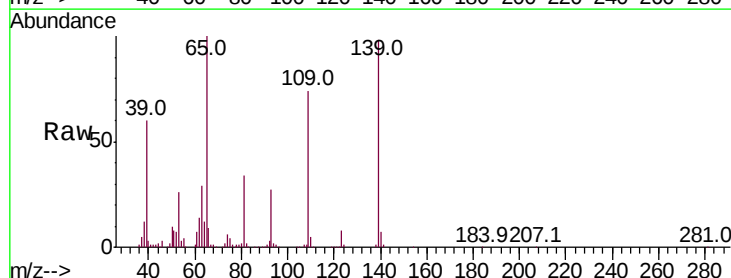
Instrument :
BNA_M
ClientSampleId :

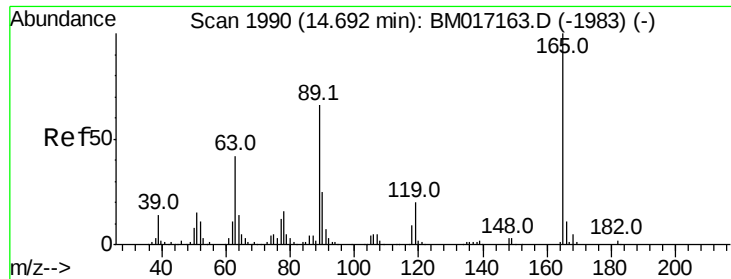
Tot Ion:168 Resp: 2373347
Ion Ratio Lower Upper
168 100
139 36.7 29.3 43.9
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 43.375 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion:139 Resp: 370350
Ion Ratio Lower Upper
139 100
109 75.7 51.8 91.8
65 101.8 72.1 112.1

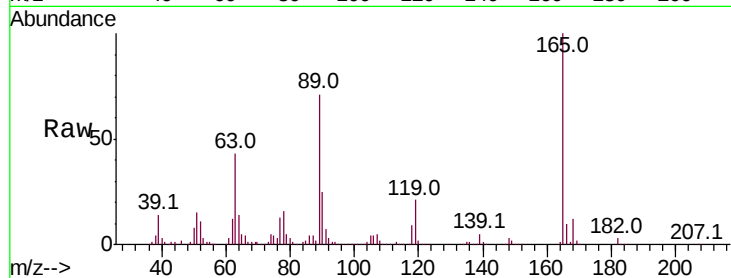




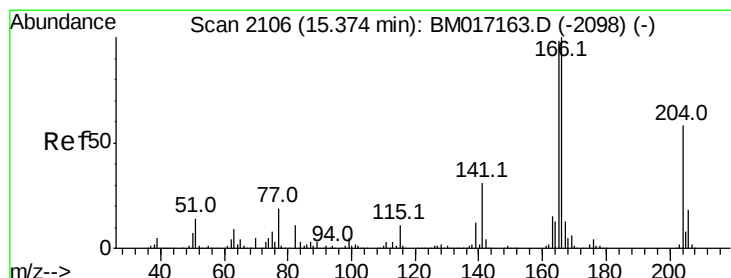
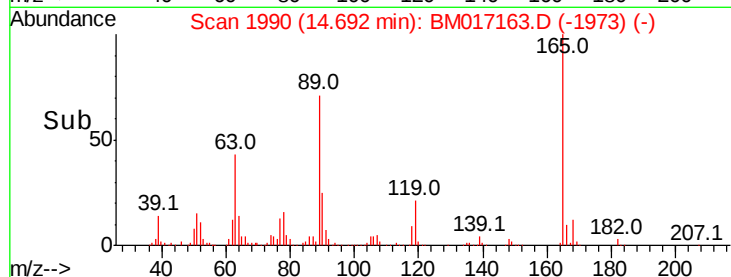
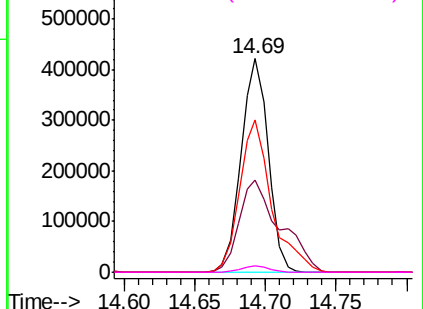
#57
 2,4-Dinitrotoluene
 Concen: 41.769 ng
 RT: 14.69 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 565000
 Ion Ratio Lower Upper
 165 100
 63 43.0 33.8 50.8
 89 71.0 53.1 79.7
 182 3.0 2.0 3.0

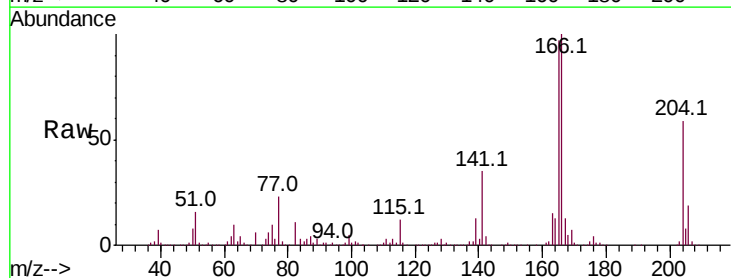


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

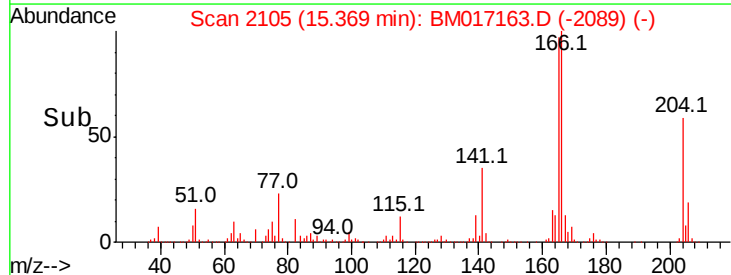
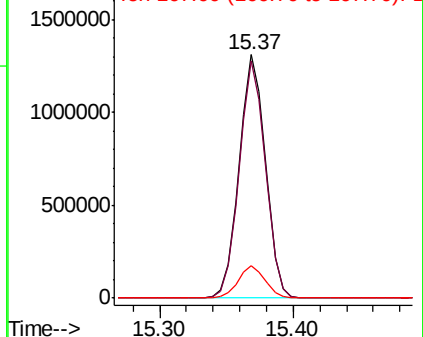


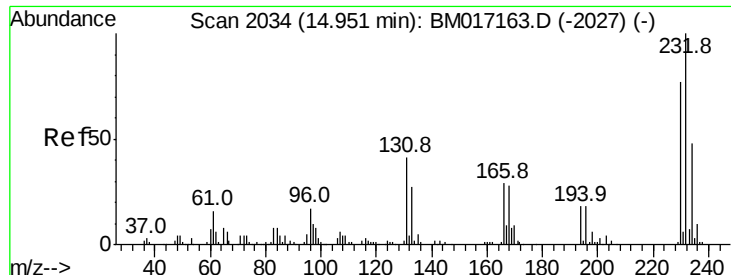
#58
 Fluorene
 Concen: 39.607 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Tgt Ion:166 Resp: 1779753
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.1 117.1
 167 13.5 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

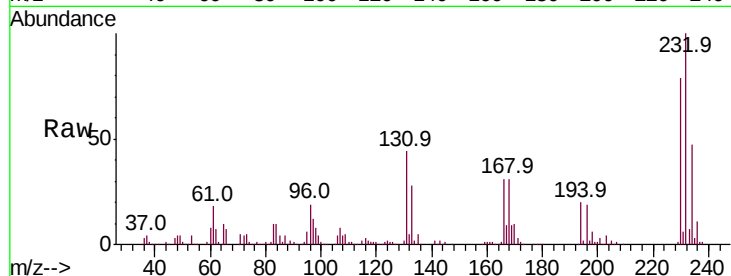




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.840 ng
 RT: 14.95 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	33.1	49.7
130	2.1	1.7	2.5
166	31.1	24.4	36.6



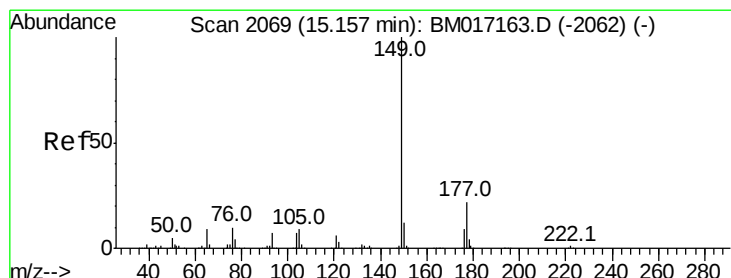
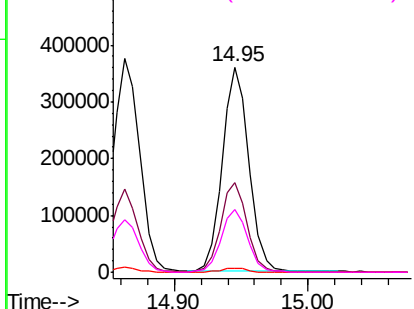
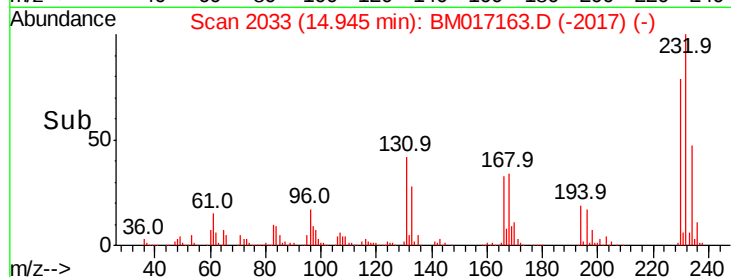
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

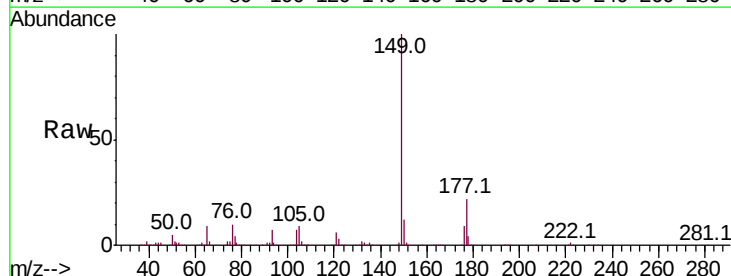
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.481 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.7	26.5
150	12.4	10.0	15.0

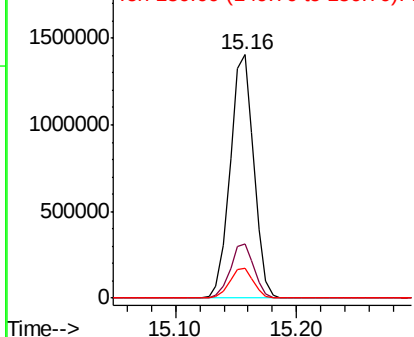
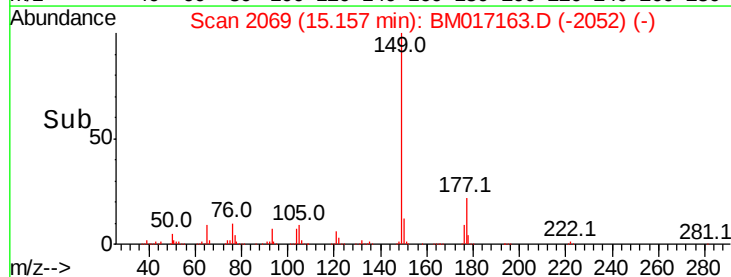


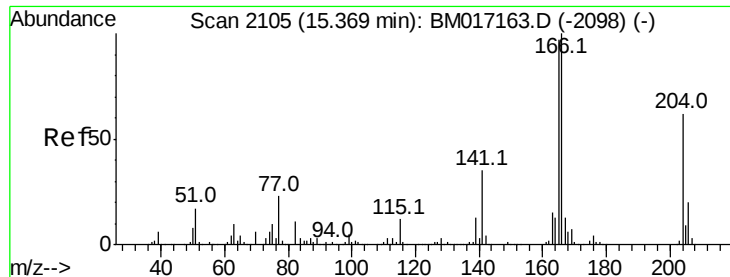
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

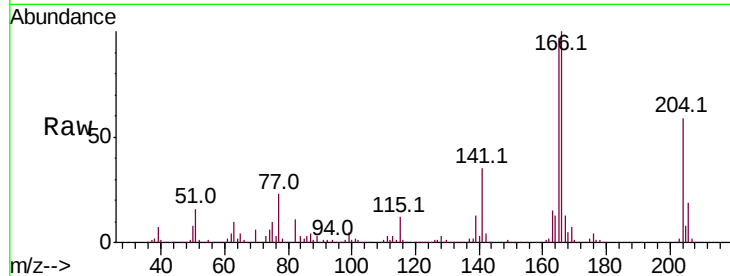




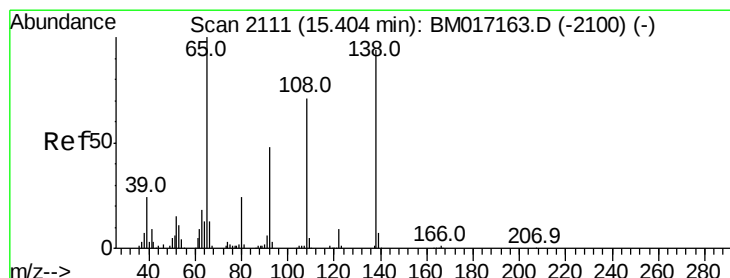
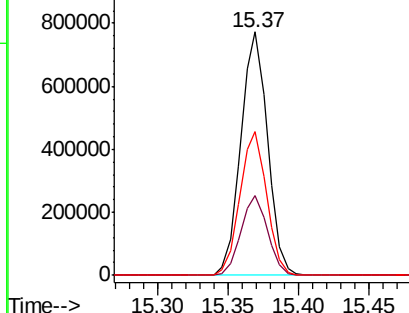
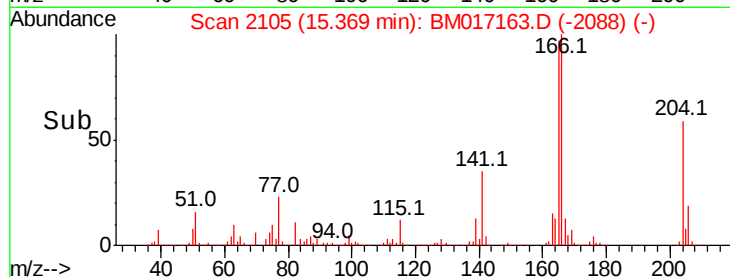
#61
 4-Chlorophenyl-phenylether
 Concen: 39.178 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 1021157
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.1 39.1
 141 59.3 45.4 68.2

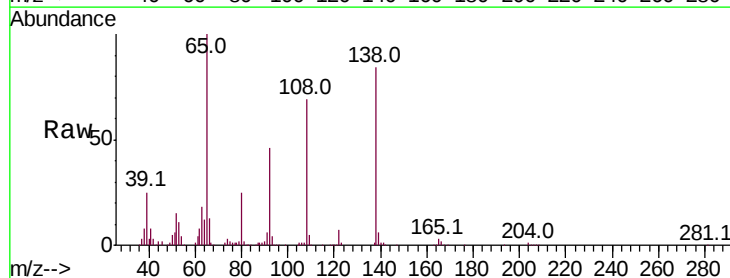


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

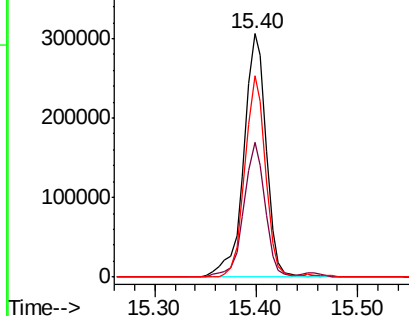
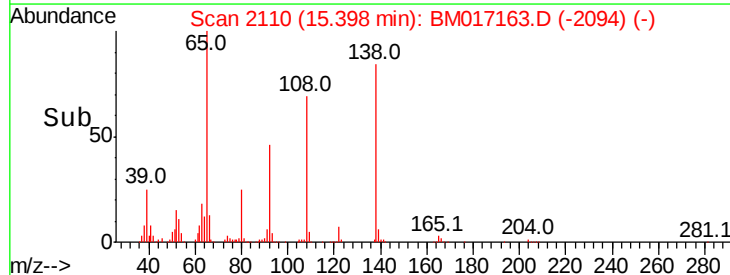


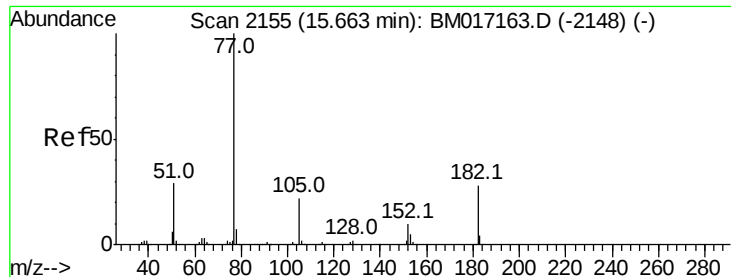
#62
 4-Nitroaniline
 Concen: 45.934 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Tgt Ion:138 Resp: 472036
 Ion Ratio Lower Upper
 138 100
 92 55.1 31.2 71.2
 108 82.8 55.5 95.5



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





#63

Azobenzene

Concen: 43.245 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1870782

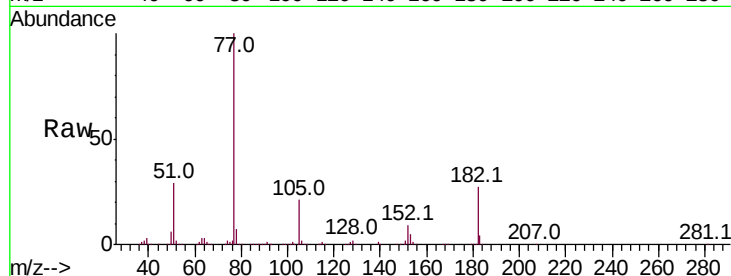
Ion	Ratio	Lower	Upper
77	100		
182	26.7	8.3	48.3
105	21.2	1.5	41.5
51	29.3	8.8	48.8

77 100

182 26.7 8.3 48.3

105 21.2 1.5 41.5

51 29.3 8.8 48.8

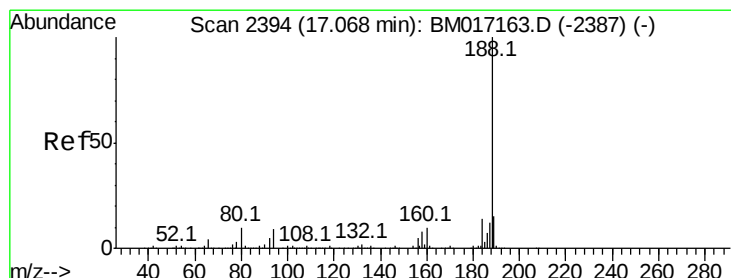
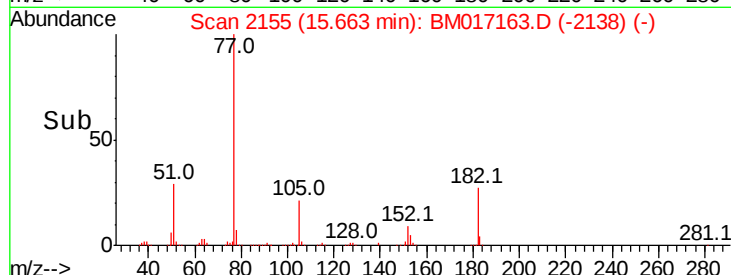
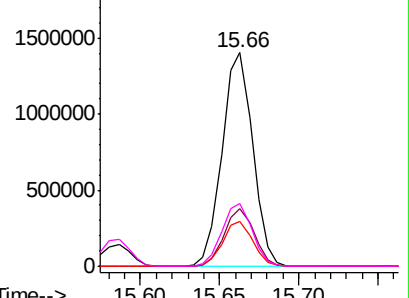


Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

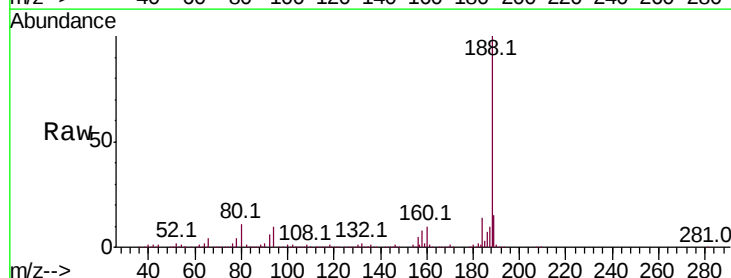
Tgt Ion: 188 Resp: 1352035

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.4
80	10.7	7.7	11.5

188 100

94 9.9 7.0 10.4

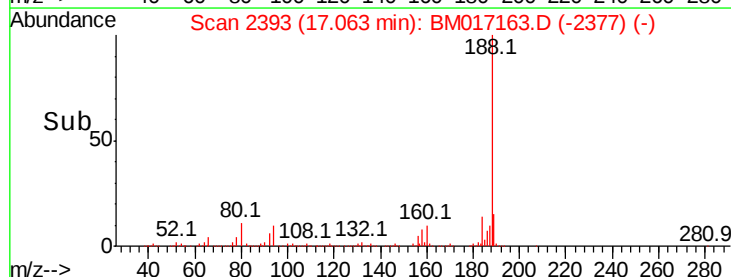
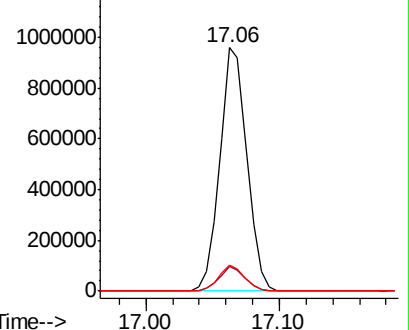
80 10.7 7.7 11.5

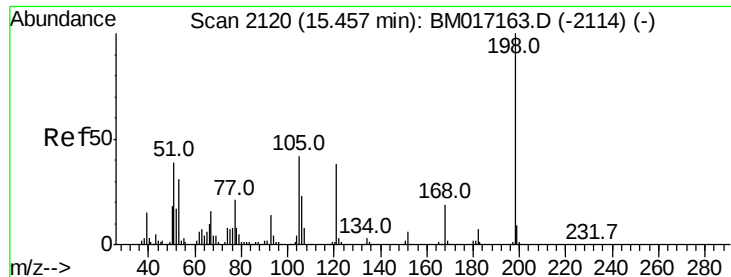


Abundance Ion 188.00 (187.70 to 188.70): BM017163.D (-2387) (-)

Ion 94.00 (93.70 to 94.70): BM017163.D (-2387) (-)

Ion 80.00 (79.70 to 80.70): BM017163.D (-2387) (-)

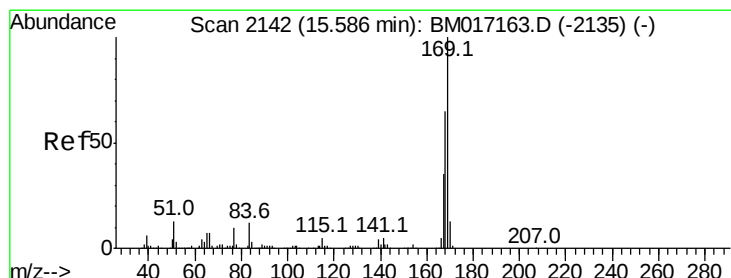
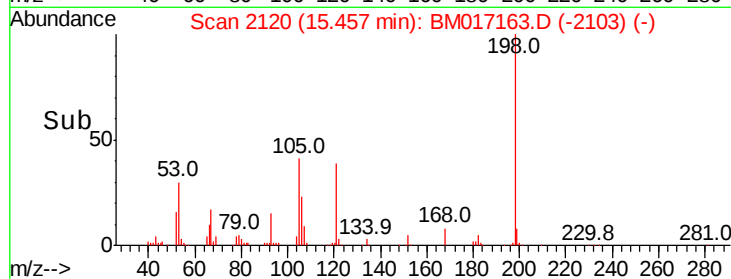
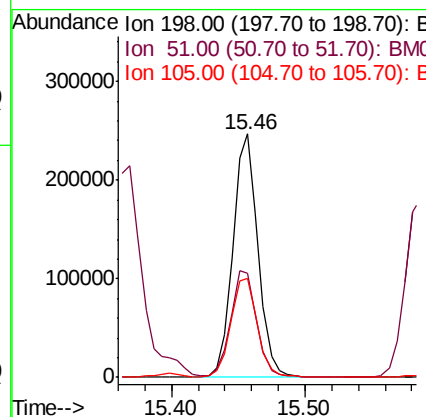
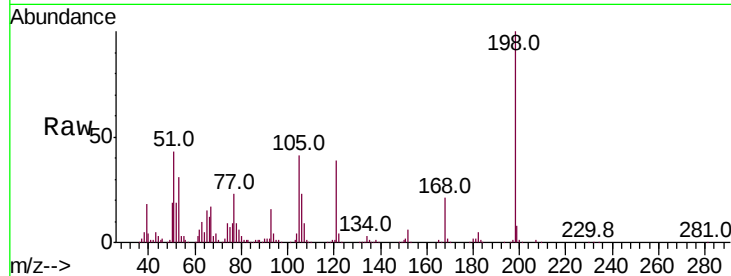




#65
4,6-Dinitro-2-methylphenol
Concen: 42.092 ng
RT: 15.46 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

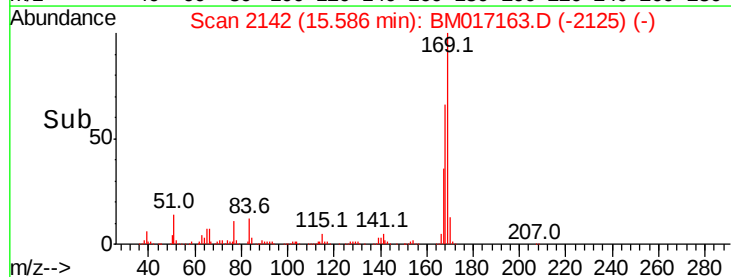
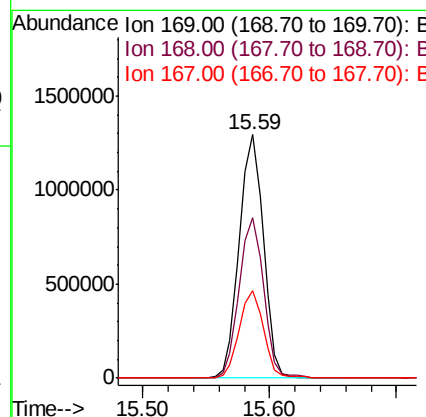
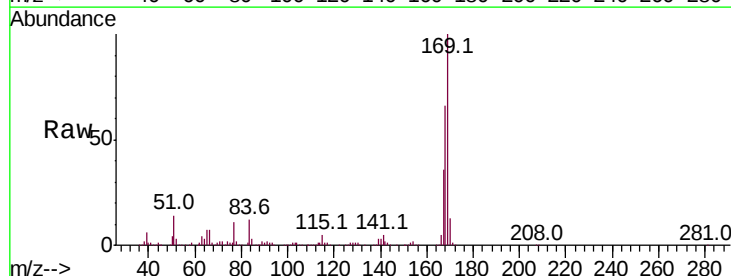
Instrument :
BNA_M
ClientSampleId :

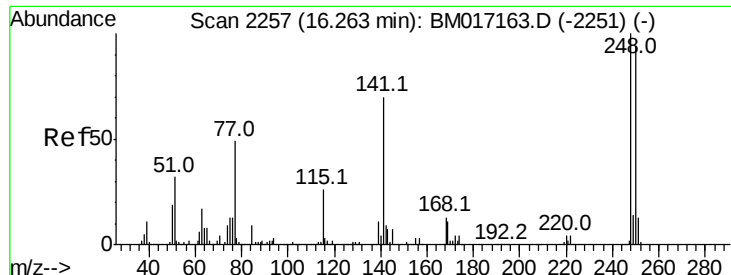
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.0	20.3	60.3
105	40.8	21.9	61.9



#66
n-Nitrosodiphenylamine
Concen: 42.278 ng
RT: 15.59 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.2	78.4
167	35.8	28.4	42.6

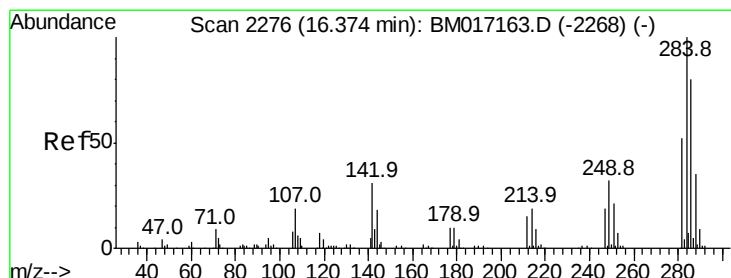
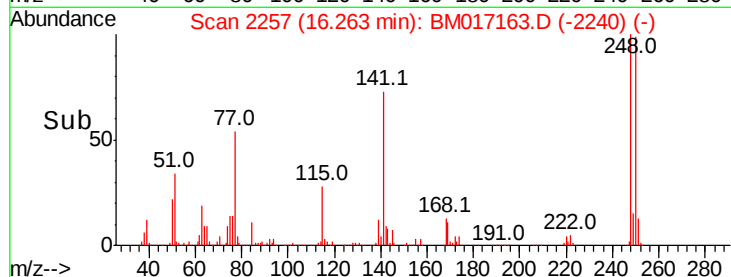
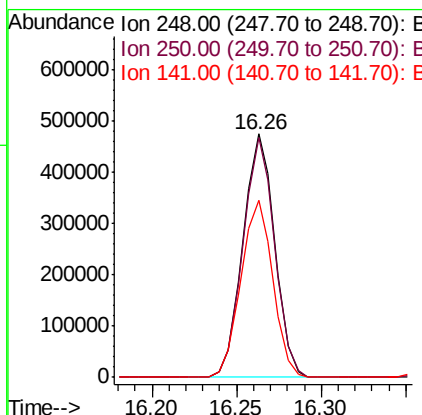
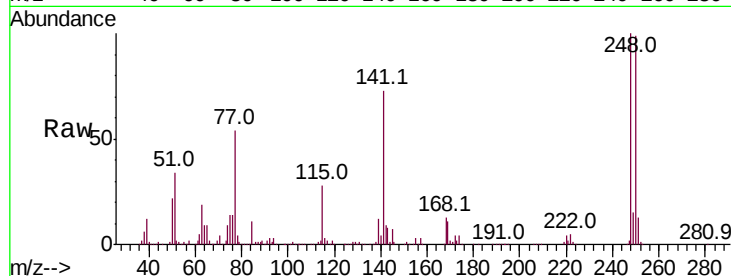




#67
 4-Bromophenyl-phenylether
 Concen: 40.903 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

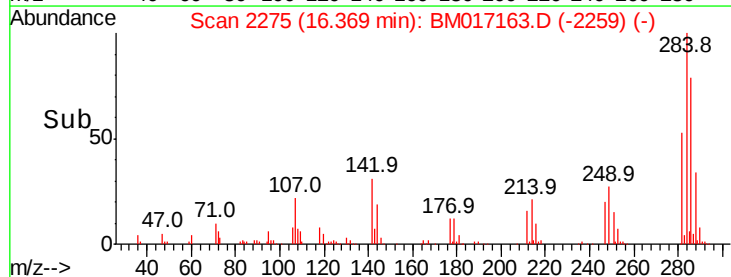
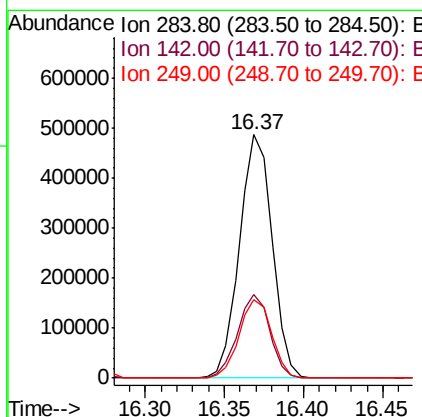
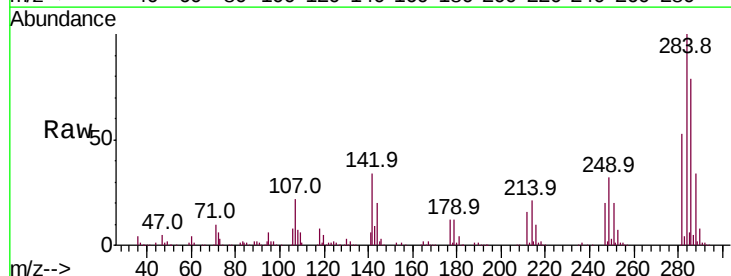
Instrument :
 BNA_M
 ClientSampled :

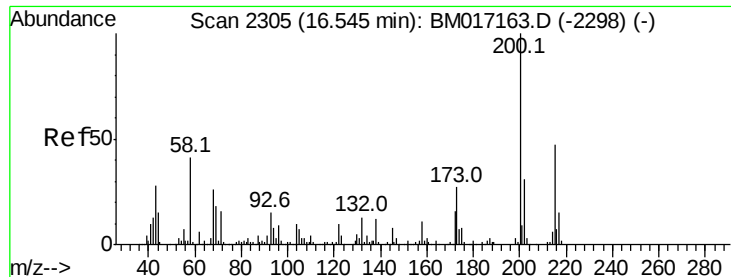
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	75.1	112.7
141	72.9	55.6	83.4



#68
 Hexachlorobenzene
 Concen: 37.993 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.0	37.6
249	32.5	25.5	38.3





#69

Atrazine

Concen: 46.799 ng

RT: 16.55 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

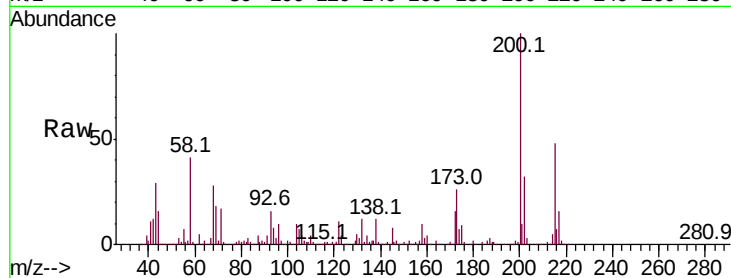
Tot Ion:200 Resp: 607628

Ion Ratio Lower Upper

200 100

173 25.6 7.0 47.0

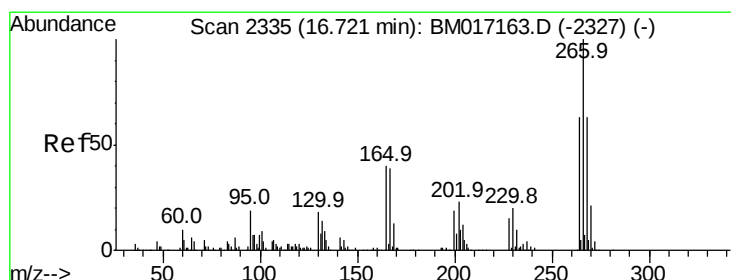
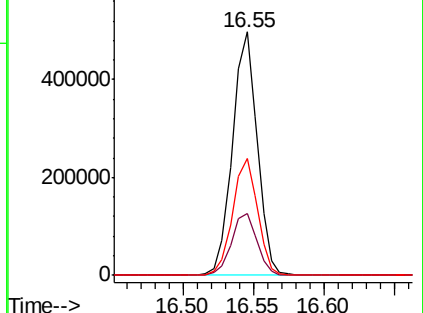
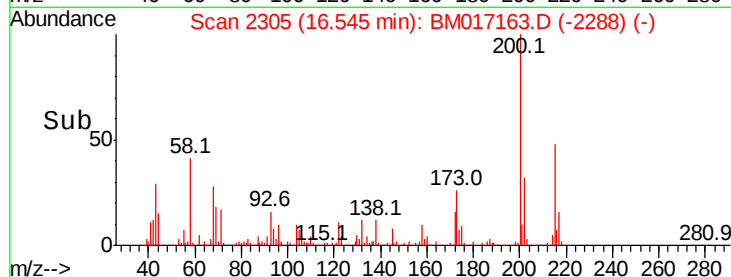
215 48.3 27.3 67.3



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: 40.393 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

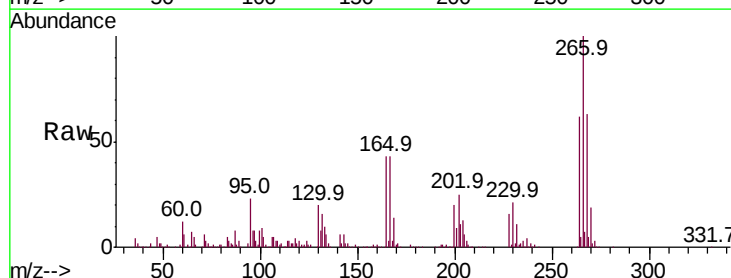
Tgt Ion:266 Resp: 492515

Ion Ratio Lower Upper

266 100

268 62.8 50.7 76.1

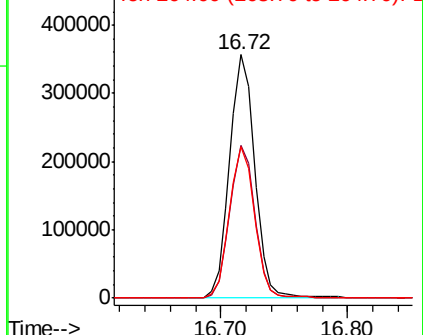
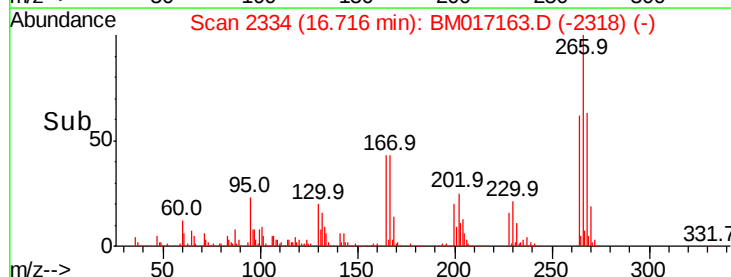
264 62.1 50.4 75.6

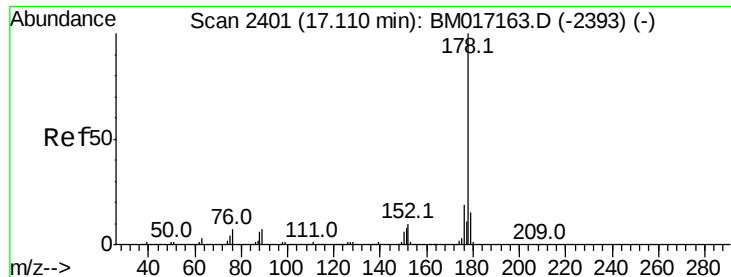


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

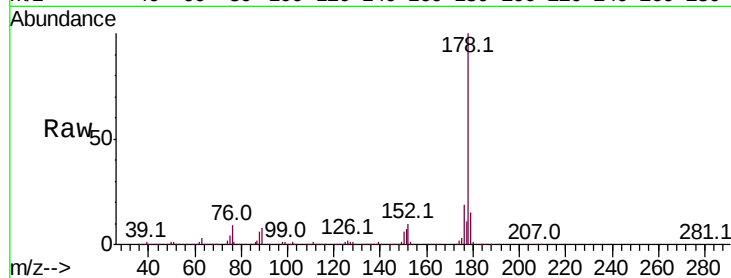




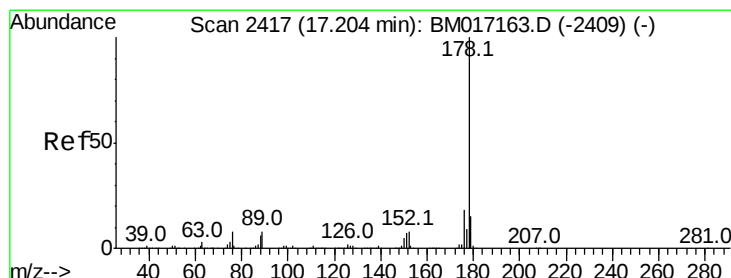
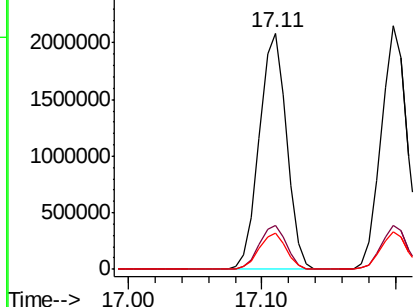
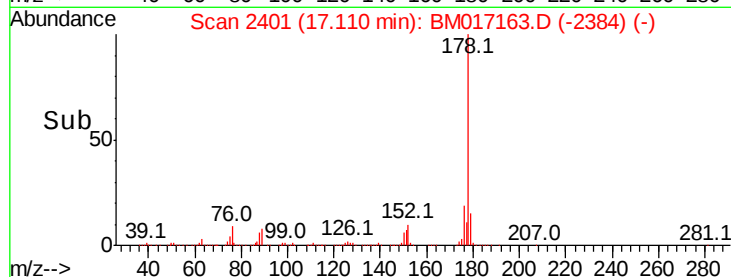
#71
Phenanthrene
Concen: 39.673 ng
RT: 17.11 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 2942568
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.1 12.3 18.5

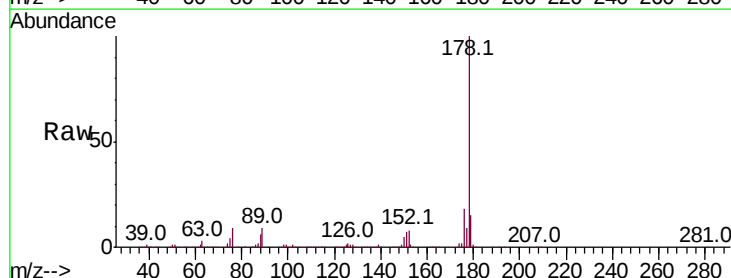


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

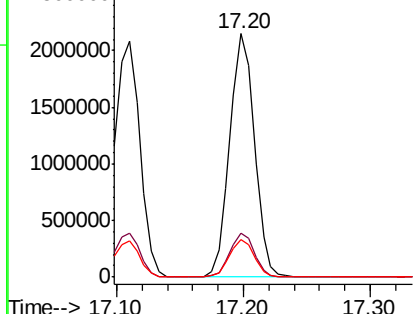
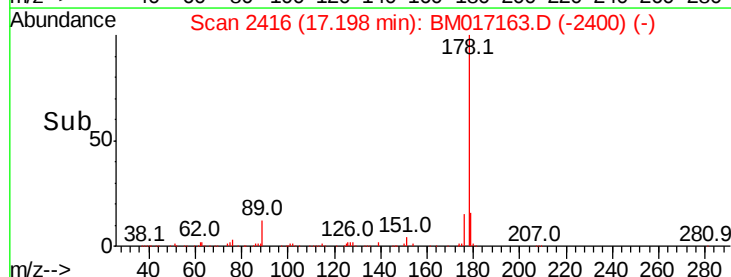


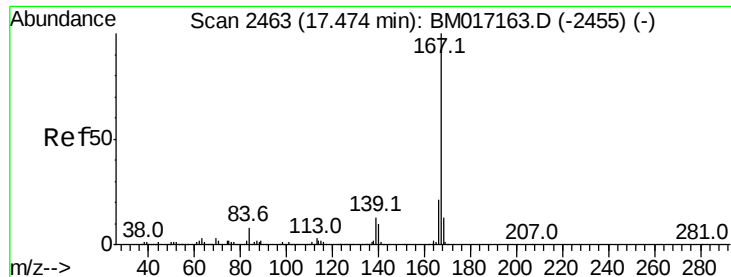
#72
Anthracene
Concen: 41.949 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion:178 Resp: 2898939
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.4 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: 41.569 ng

RT: 17.47 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

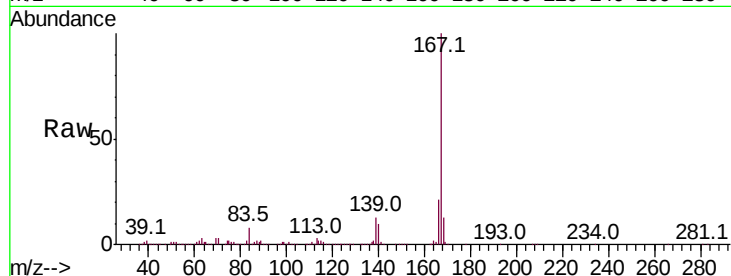
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 2927557

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	12.6	10.1	15.1

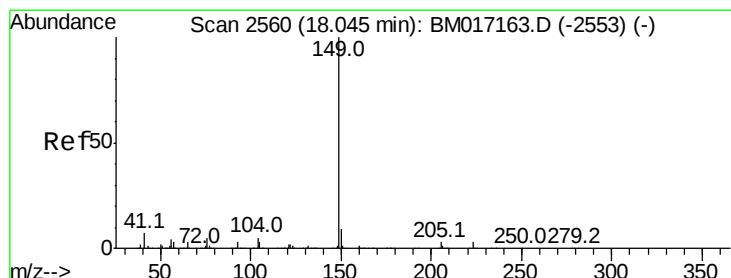
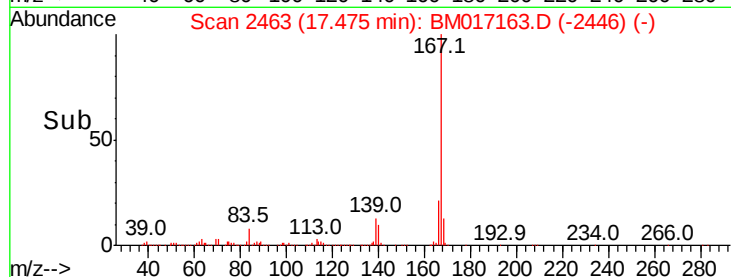
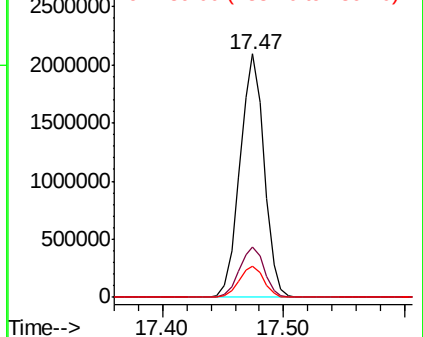


Abundance

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: 44.147 ng

RT: 18.05 min Scan# 2560

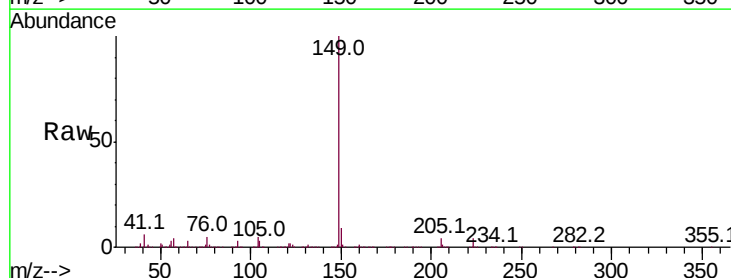
Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Tgt Ion:149 Resp: 3100470

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.3	6.5

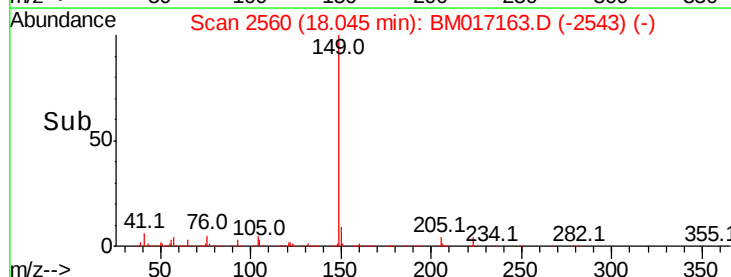
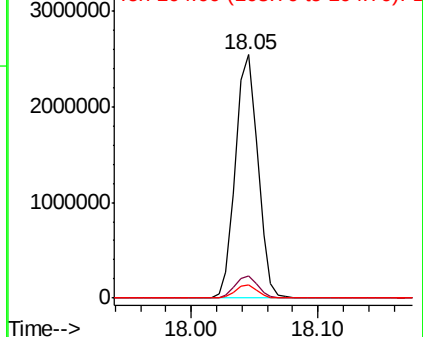


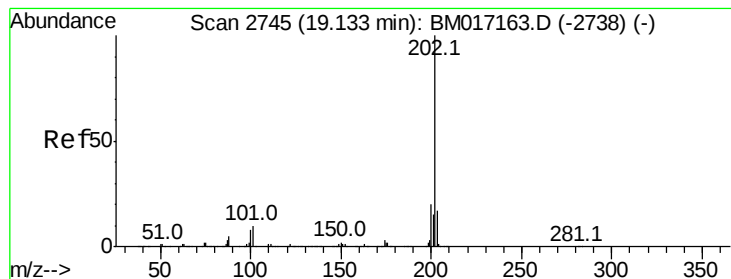
Abundance

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: 41.098 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

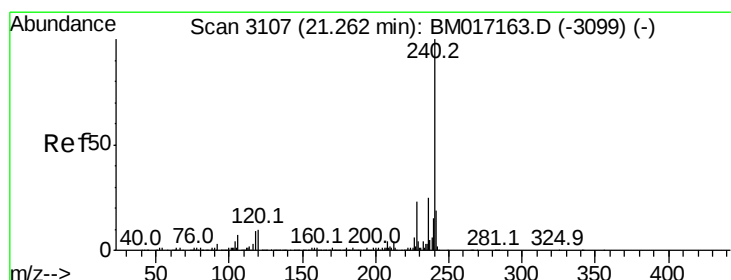
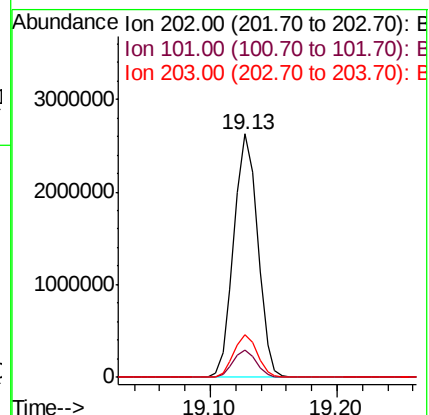
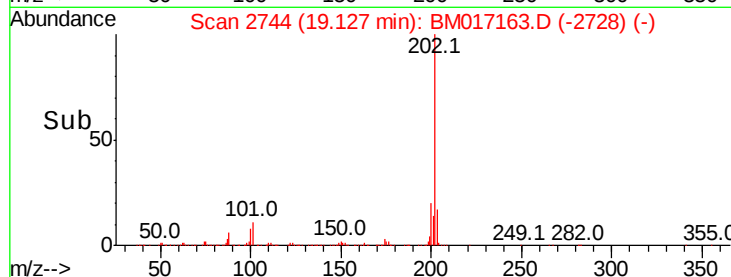
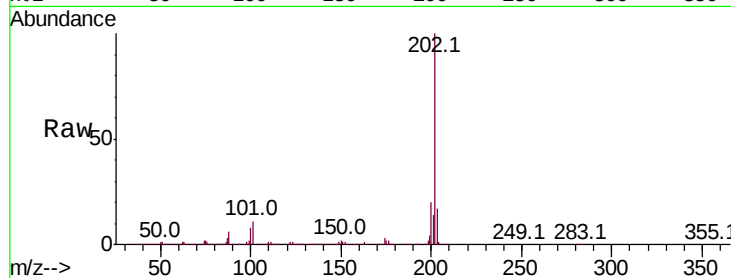
Tot Ion:202 Resp: 3419313

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.0

203 17.5 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

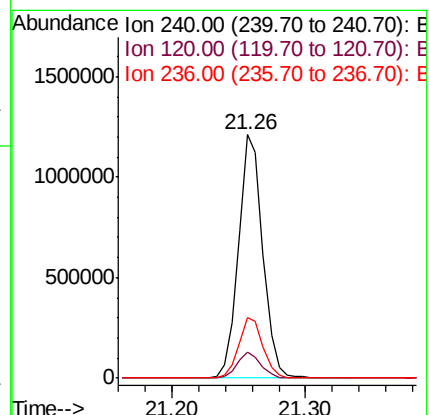
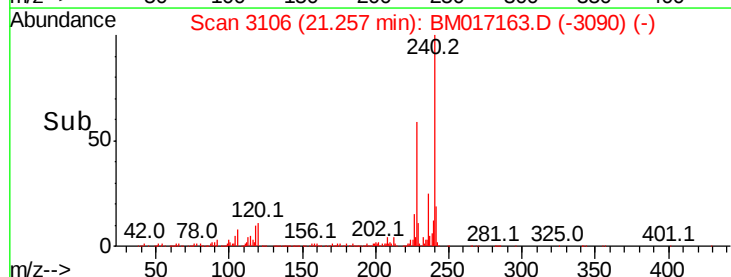
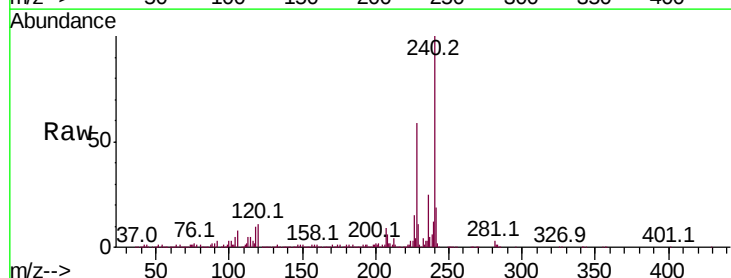
Tgt Ion:240 Resp: 1530757

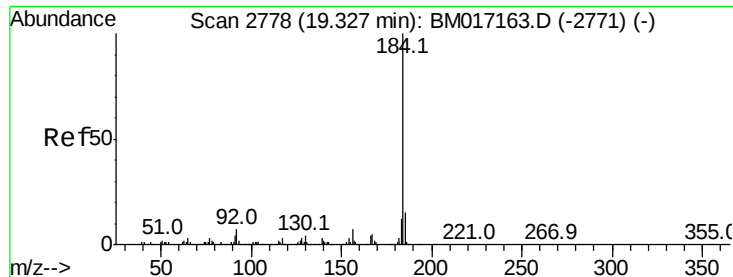
Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

236 24.7 19.9 29.9





#77

Benzidine

Concen: 79.794 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

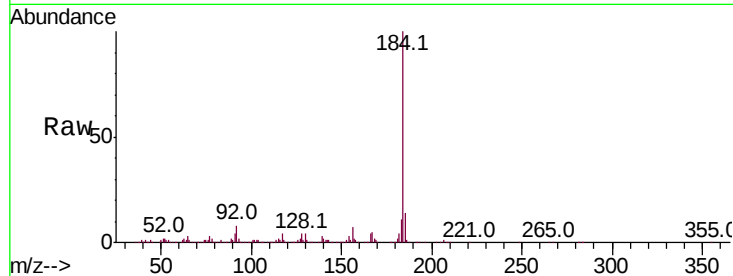
Tot Ion:184 Resp: 1704355

Ion Ratio Lower Upper

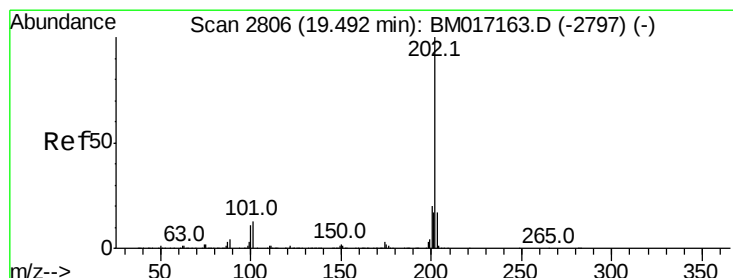
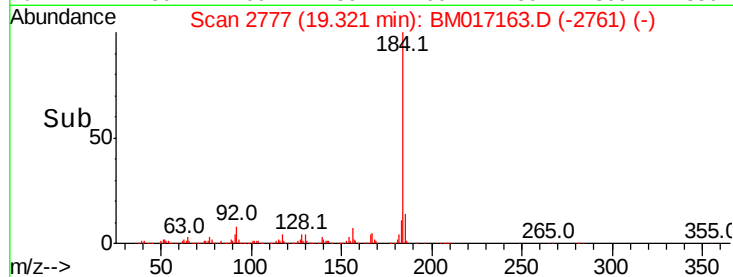
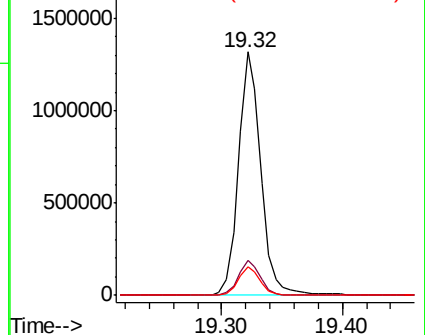
184 100

185 14.2 11.8 17.8

183 11.5 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: 45.082 ng

RT: 19.49 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

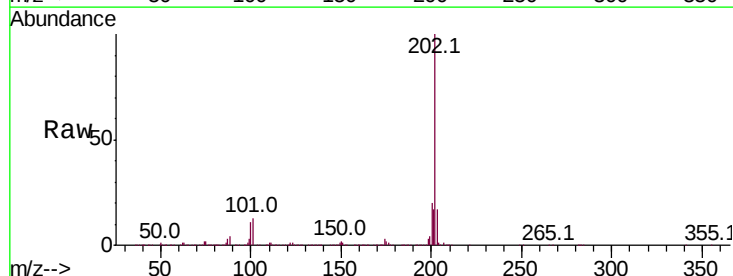
Tgt Ion:202 Resp: 3627868

Ion Ratio Lower Upper

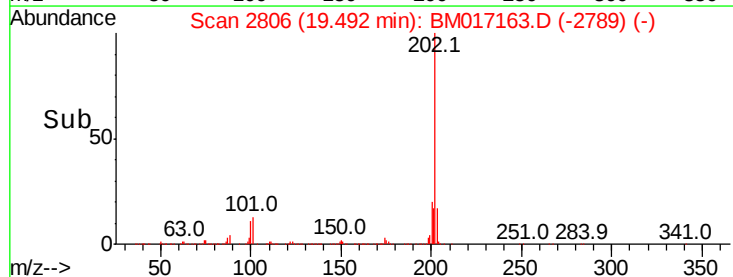
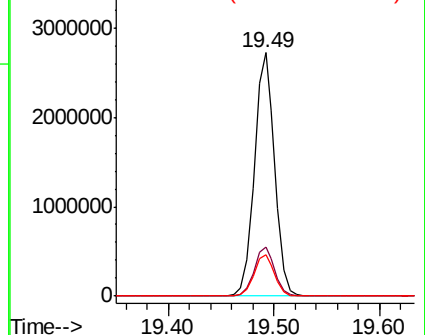
202 100

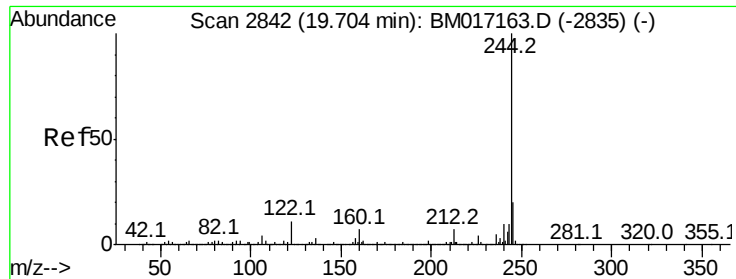
200 20.4 16.3 24.5

203 17.2 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: 83.553 ng

RT: 19.70 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

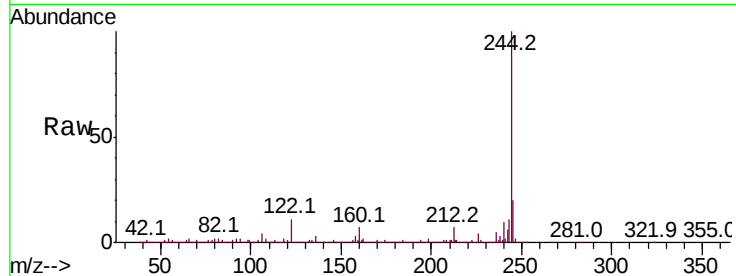
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 5641972

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.5	8.4	12.6

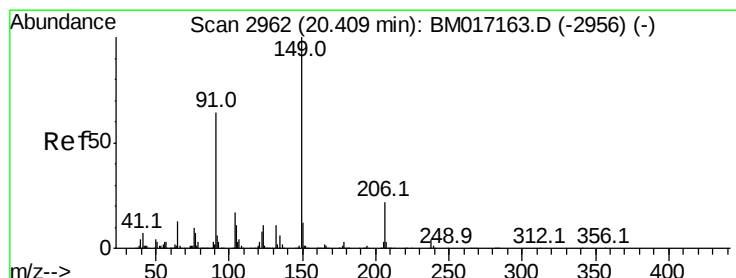
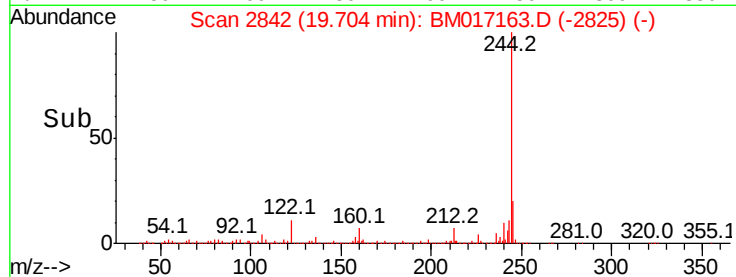
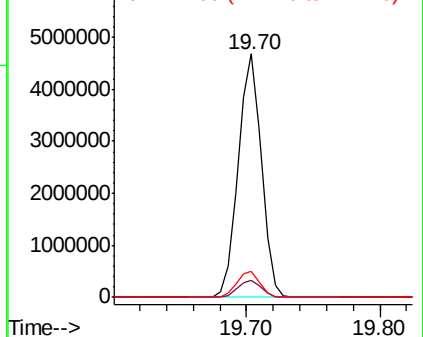


Abundance

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: 52.074 ng

RT: 20.40 min Scan# 2961

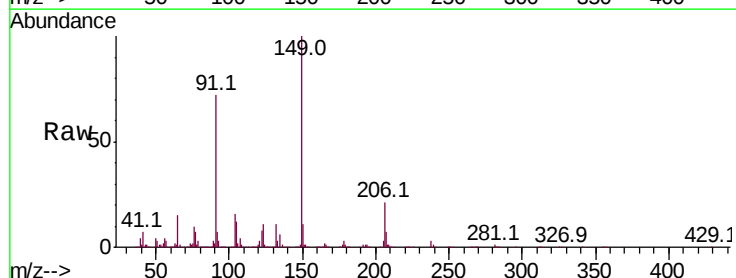
Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Tgt Ion:149 Resp: 1203460

Ion	Ratio	Lower	Upper
149	100		
91	71.7	51.3	76.9
206	21.2	18.0	27.0

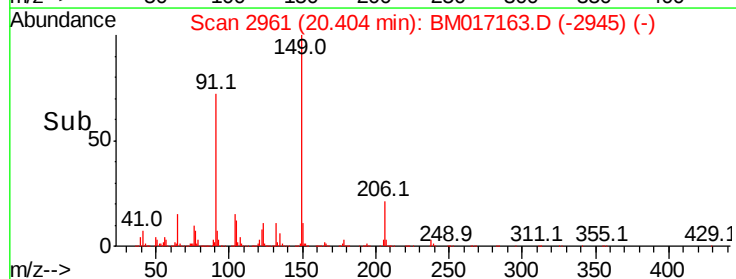
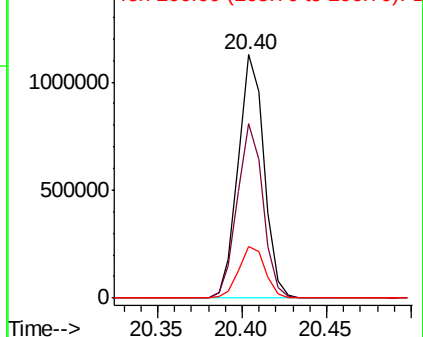


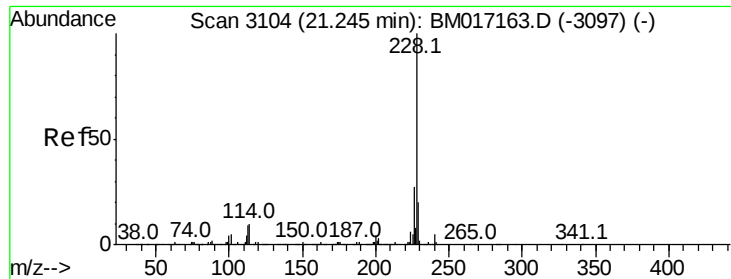
Abundance

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: 40.924 ng

RT: 21.24 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

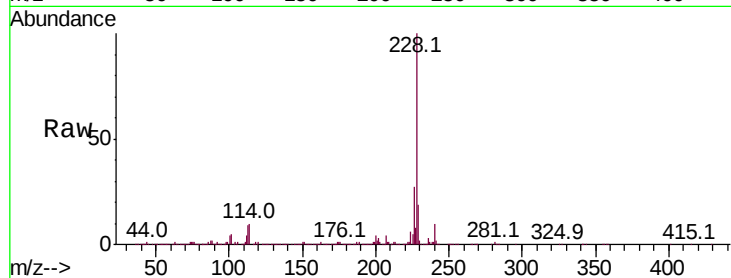
Tot Ion:228 Resp: 3533544

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

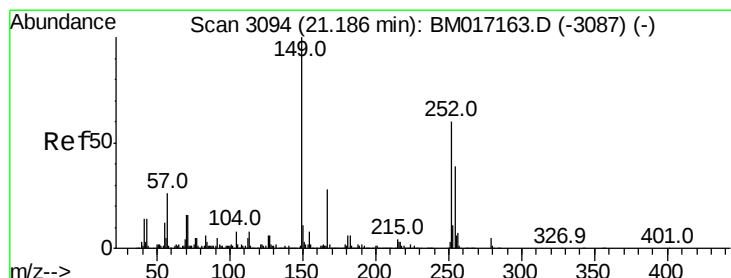
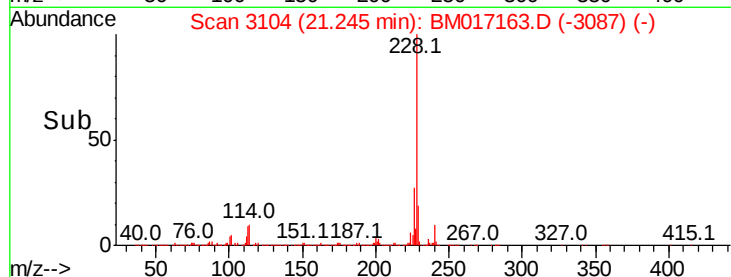
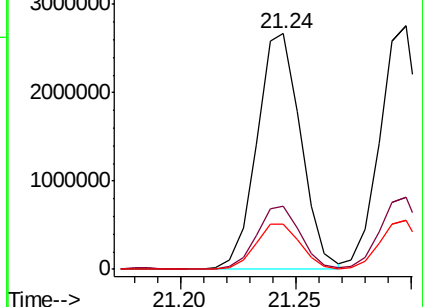
229 19.4 15.9 23.9



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: 48.614 ng

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

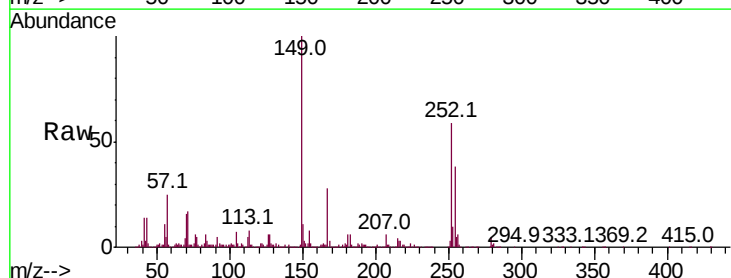
Tgt Ion:252 Resp: 1335760

Ion Ratio Lower Upper

252 100

254 64.8 52.1 78.1

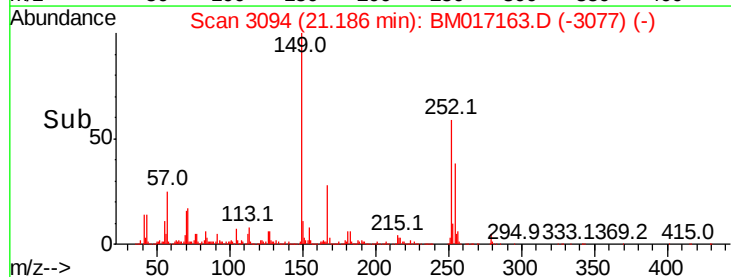
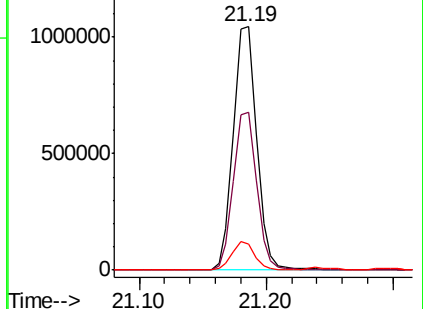
126 10.6 8.6 12.8

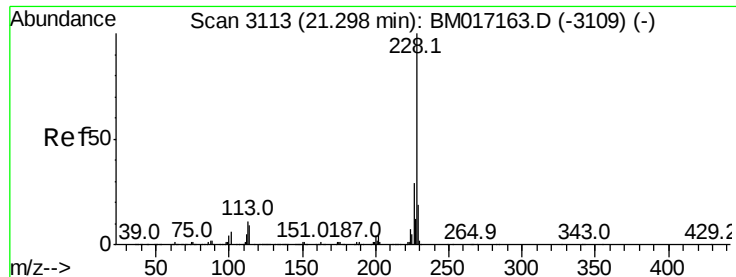


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

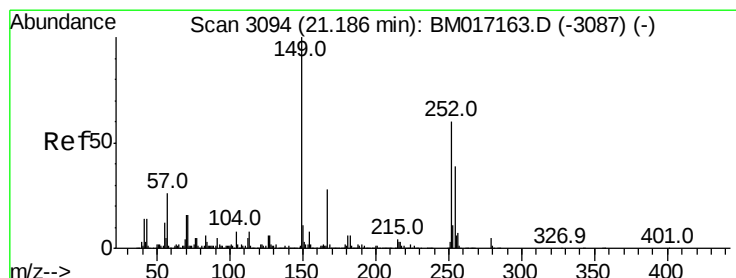
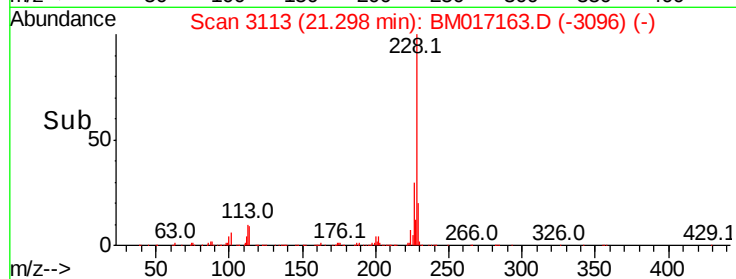
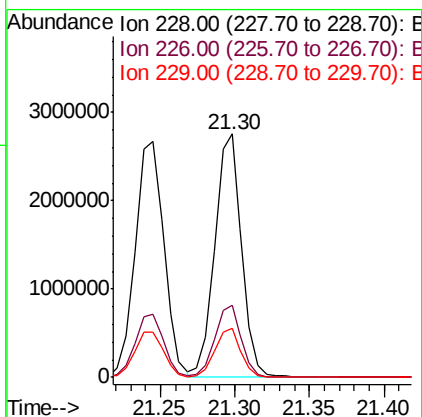
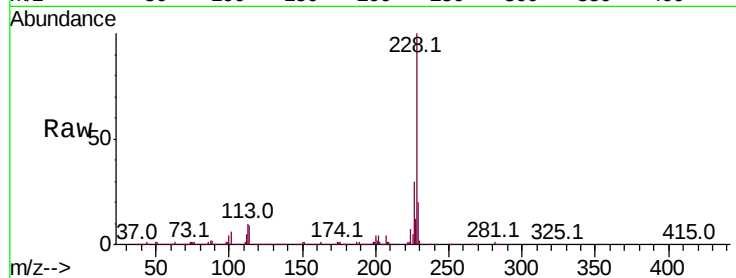




#83
 Chrvsene
 Concen: 40.413 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

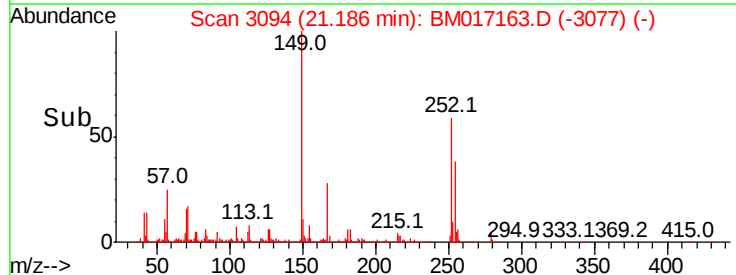
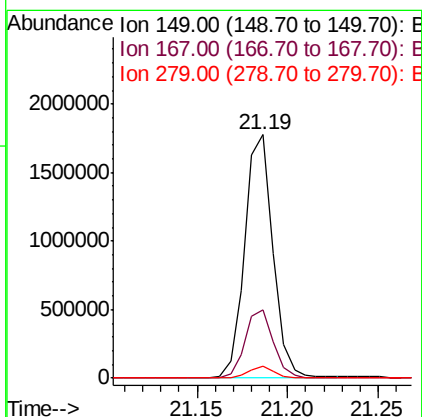
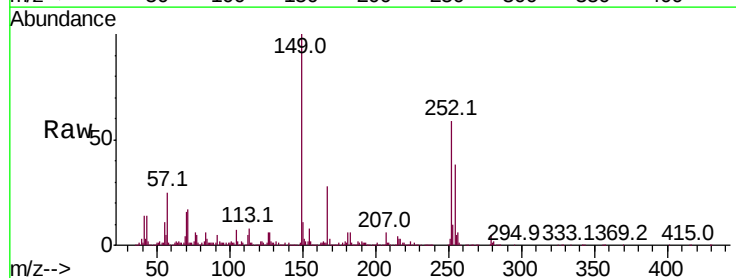
Instrument :
 BNA_M
 ClientSampleId :

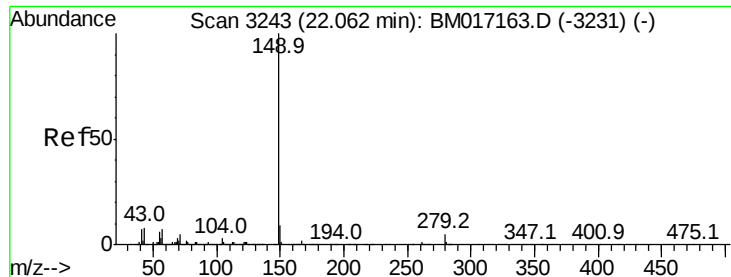
Tot Ion:228 Resp: 3447528
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.3 34.9
 229 19.9 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.434 ng
 RT: 21.19 min Scan# 3094
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Tgt Ion:149 Resp: 1923656
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.2 33.4
 279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.462 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

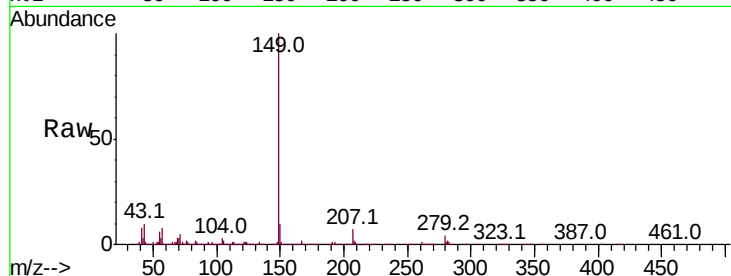
Tot Ion:149 Resp: 3232956

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

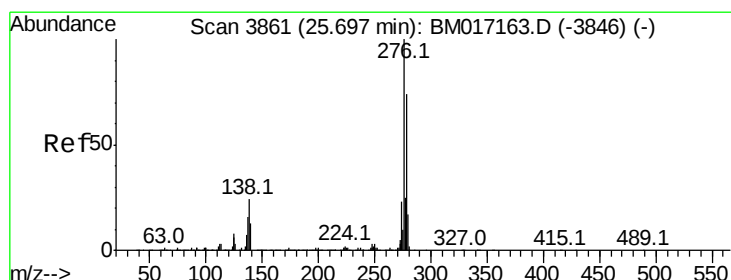
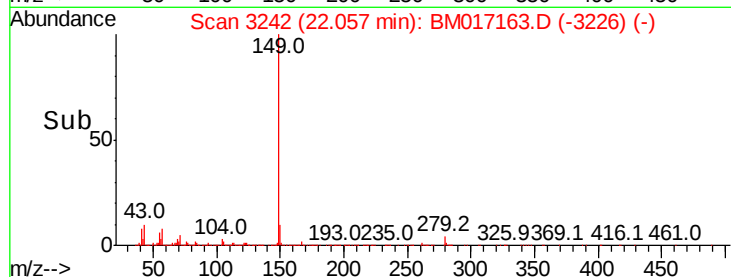
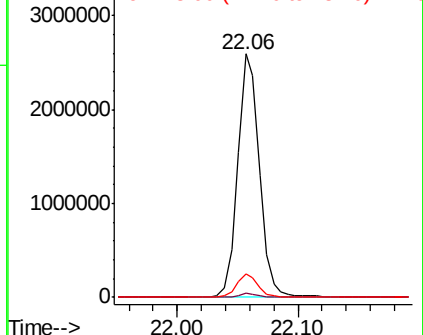
43 9.6 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.334 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

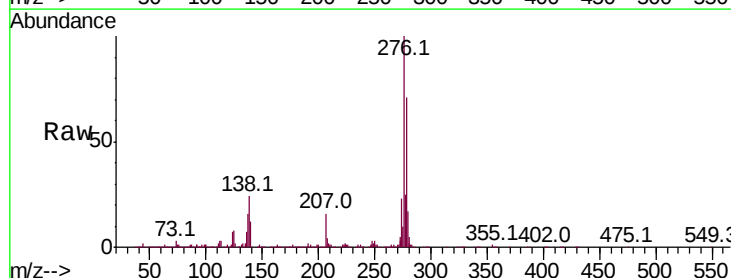
Tgt Ion:276 Resp: 3834991

Ion Ratio Lower Upper

276 100

138 24.3 19.5 29.3

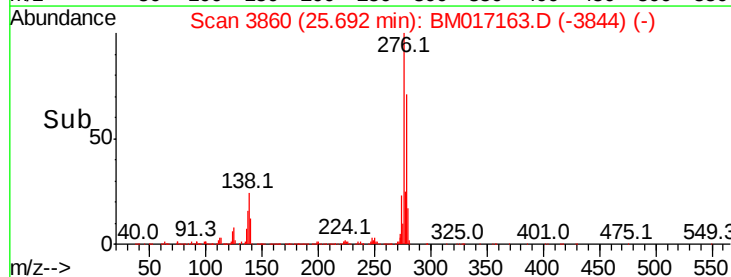
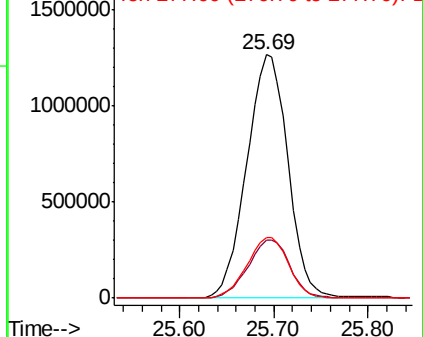
277 25.2 20.1 30.1

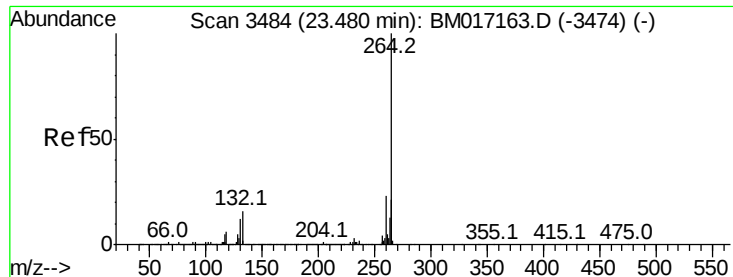


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

Instrument :

BNA_M

ClientSampleId :

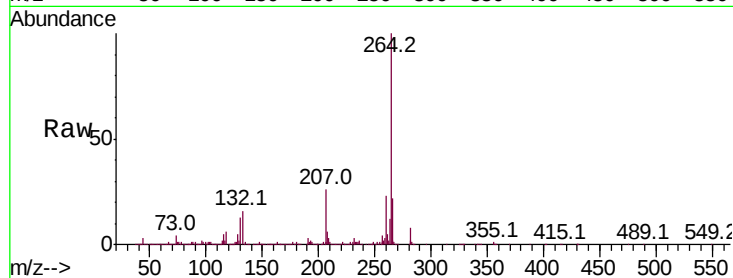
Tot Ion:264 Resp: 1549792

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.9	17.8	26.8

264 100

260 23.2 18.6 27.8

265 21.9 17.8 26.8

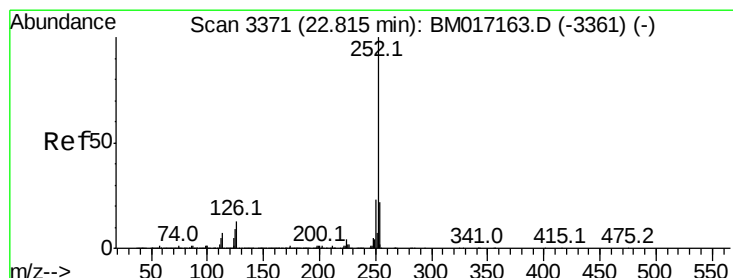
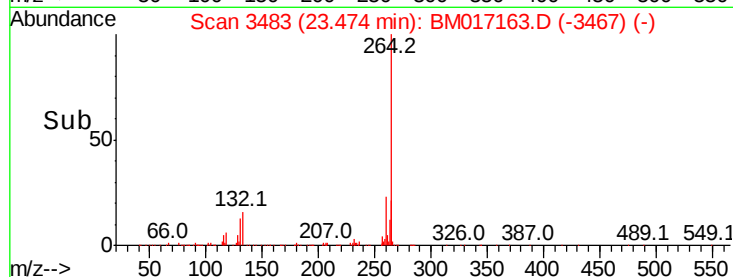
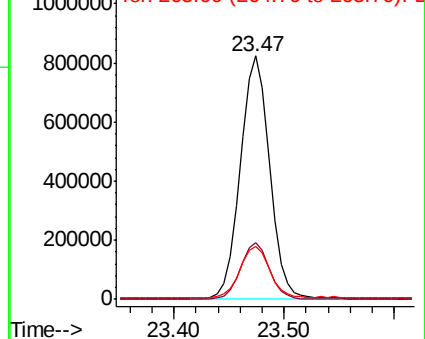


Abundance

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: 40.326 ng

RT: 22.81 min Scan# 3370

Delta R.T. -0.01 min

Lab File: BM017163.D

Acq: 17 Oct 2018 11:37

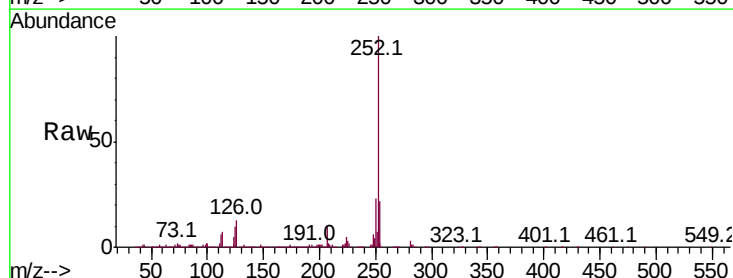
Tgt Ion:252 Resp: 3445290

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.1	7.5	11.3

252 100

253 22.2 17.4 26.2

125 10.1 7.5 11.3

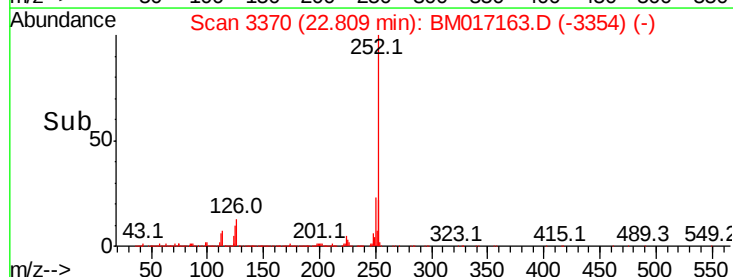
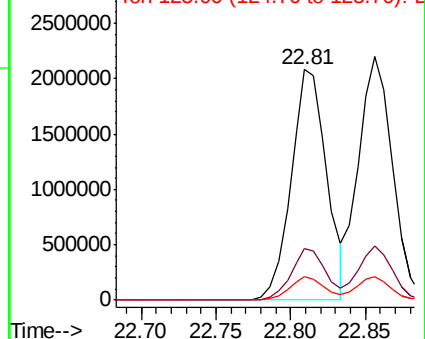


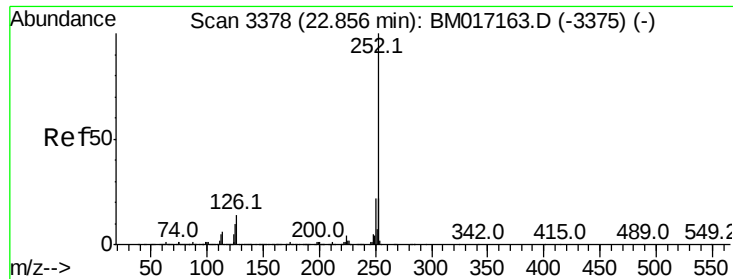
Abundance

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

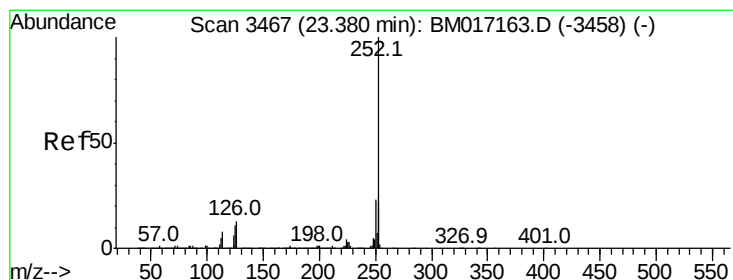
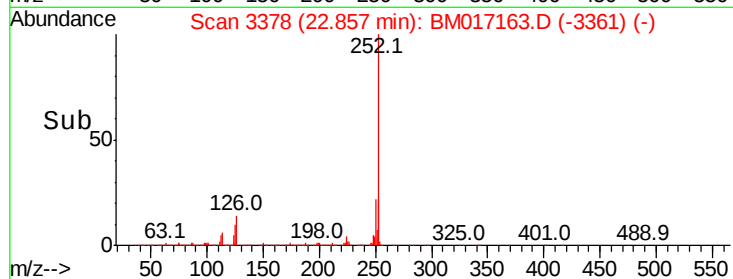
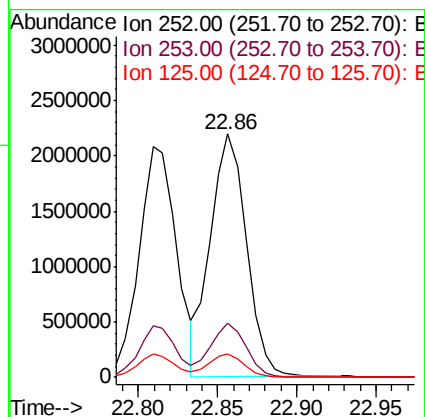
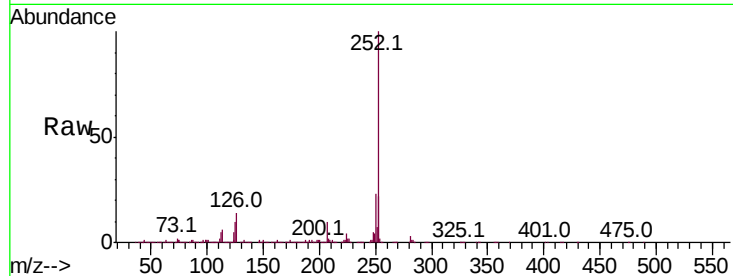




#89
Benzo(k)fluoranthene
Concen: 40.581 ng
RT: 22.86 min Scan# 3378
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

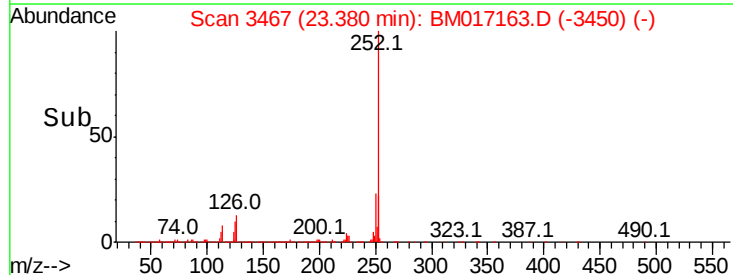
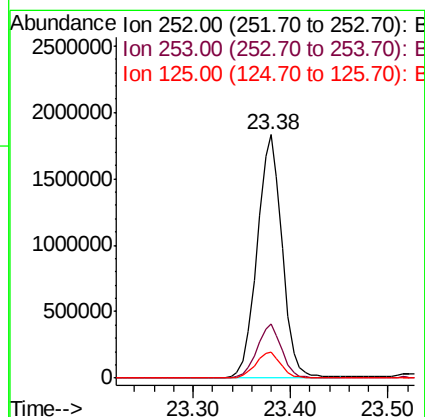
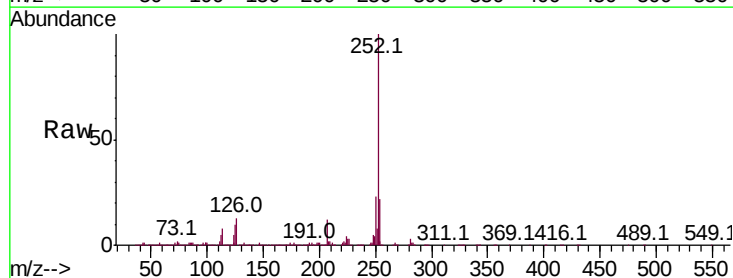
Instrument :
BNA_M
ClientSampleId :

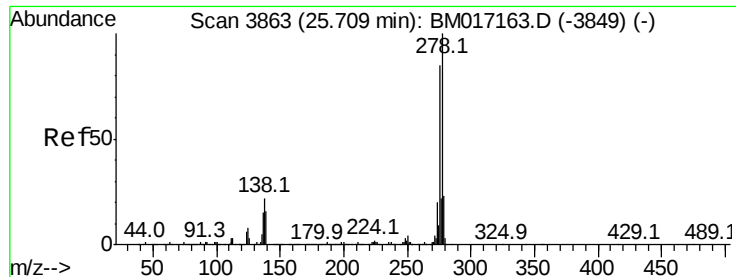
Tot Ion:252 Resp: 3487289
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.7 8.2 12.2



#90
Benzo(a)pyrene
Concen: 40.295 ng
RT: 23.38 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BM017163.D
Acq: 17 Oct 2018 11:37

Tgt Ion:252 Resp: 3297247
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.5 8.6 13.0



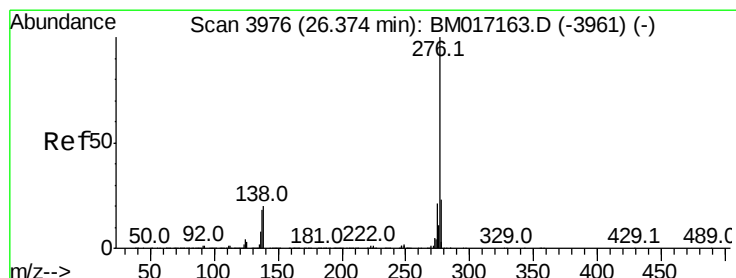
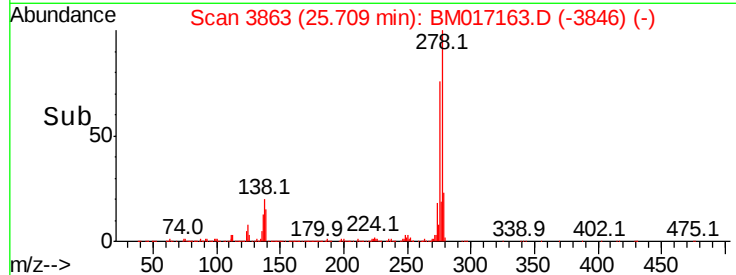
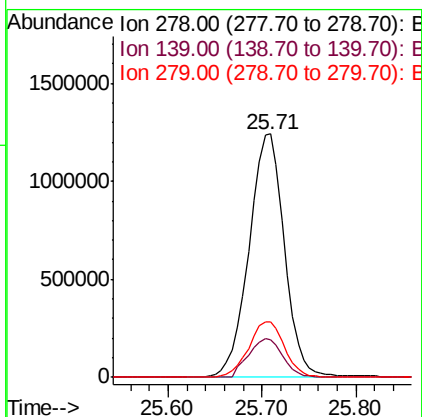
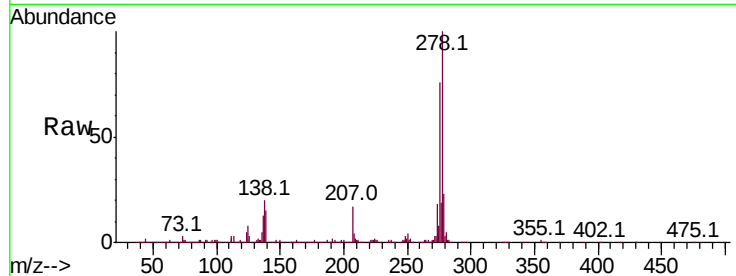


#91
 Dibenzo(a,h)anthracene
 Concen: 38.192 ng
 RT: 25.71 min Scan# 3863
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:278 Resp: 3233227

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	23.0	18.7	28.1



#92
 Benzo(g,h,i)perylene
 Concen: 38.114 ng
 RT: 26.37 min Scan# 3976
 Delta R.T. 0.00 min
 Lab File: BM017163.D
 Acq: 17 Oct 2018 11:37

Tgt Ion:276 Resp: 3183574

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	19.9	16.4	24.6

