

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017258.D
 Acq On : 20 Oct 2018 10:49
 Operator : MJ/SJ
 Sample : J5195-04MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 02:48:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	330539	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1390488	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	823163	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1827709	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1684776	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1456811	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2264058	115.85	ng	0.00
7) Phenol-d6	6.85	99	2915591	109.54	ng	0.00
23) Nitrobenzene-d5	8.82	82	2021861	85.04	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1405866	126.29	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4686357	75.75	ng	-0.01
79) Terphenyl-d14	19.70	244	6878032	92.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	294824	29.543	ng	# 80
3) Pyridine	3.66	79	750047	32.665	ng	# 86
4) n-Nitrosodimethylamine	3.57	42	428745	46.512	ng	# 71
6) Aniline	7.01	93	266885	8.017	ng	98
8) 2-Chlorophenol	7.23	128	1106258	48.930	ng	97
9) Benzaldehyde	6.82	77	439480	25.896	ng	94
10) Phenol	6.87	94	1240125	43.292	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	1001323	43.849	ng	99
12) 1,3-Dichlorobenzene	7.56	146	1150072	43.636	ng	97
13) 1,4-Dichlorobenzene	7.70	146	1175064	43.638	ng	97
14) 1,2-Dichlorobenzene	8.01	146	1132927	43.668	ng	99
15) Benzyl Alcohol	7.91	79	995458	51.166	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1362493	42.707	ng	99
17) 2-Methylphenol	8.11	107	919014	49.983	ng	98
18) Hexachloroethane	8.73	117	423076	45.911	ng	100
19) n-Nitroso-di-n-propylamine	8.47	70	844243	48.171	ng	98
20) 3+4-Methylphenols	8.44	107	1243907	49.464	ng	97
22) Acetophenone	8.49	105	1653720	46.918	ng	# 99
24) Nitrobenzene	8.86	77	1236340	49.162	ng	95
25) Isophorone	9.39	82	2279781	58.070	ng	98
26) 2-Nitrophenol	9.56	139	603004	50.849	ng	97
27) 2,4-Dimethylphenol	9.63	122	1060644	61.098	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1429872	51.746	ng	100
29) 2,4-Dichlorophenol	10.09	162	1110446	55.093	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	1122310	46.417	ng	99
31) Naphthalene	10.49	128	3438606	50.462	ng	99
32) Benzoic acid	9.79	122	674715	52.091	ng	90
33) 4-Chloroaniline	10.62	127	125170	4.253	ng	98
34) Hexachlorobutadiene	10.77	225	692305	45.189	ng	99
35) Caprolactam	11.41	113	114308	15.562	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	1210489	53.279	ng	96
37) 2-Methylnaphthalene	12.11	142	2638981	56.594	ng	98
38) 1-Methylnaphthalene	12.33	142	2487509	54.810	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1346650	46.454	ng	98

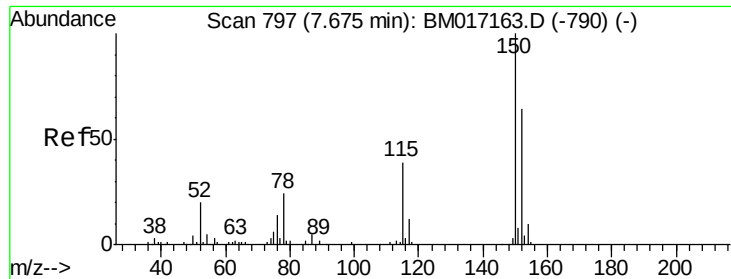
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017258.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1846776	131.778	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	925344	54.988	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	993535	55.058	ng	97
46) 1,1'-Biphenyl	13.13	154	3377160	45.590	ng	99
47) 2-Chloronaphthalene	13.17	162	2616832	48.019	ng	99
48) 2-Nitroaniline	13.39	65	762864	49.366	ng	94
49) Acenaphthylene	14.03	152	4272820	54.092	ng	99
50) Dimethylphthalate	13.78	163	3315181	52.201	ng	100
51) 2,6-Dinitrotoluene	13.90	165	735579	52.625	ng	99
52) Acenaphthene	14.37	154	2506006	50.528	ng	98
53) 3-Nitroaniline	14.22	138	214633	14.178	ng	97
54) 2,4-Dinitrophenol	14.43	184	939121	110.976	ng	99
55) Dibenzofuran	14.71	168	3987242	48.344	ng	99
56) 4-Nitrophenol	14.54	139	1623266	115.433	ng	95
57) 2,4-Dinitrotoluene	14.69	165	1032568	54.963	ng	# 98
58) Fluorene	15.36	166	3229825	52.906	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	917232	55.762	ng	98
60) Diethylphthalate	15.15	149	3334137	52.939	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1657671	47.630	ng	95
62) 4-Nitroaniline	15.40	138	724980	43.416	ng	97
63) Azobenzene	15.65	77	3130570	51.139	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	618079	51.982	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2858242	51.689	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	1067877	53.212	ng	97
68) Hexachlorobenzene	16.36	284	1145998	49.160	ng	99
69) Atrazine	16.54	200	1038707	52.484	ng	98
70) Pentachlorophenol	16.71	266	1390121	87.051	ng	99
71) Phenanthrene	17.10	178	5066995	51.384	ng	99
72) Anthracene	17.19	178	5151342	54.978	ng	100
73) Carbazole	17.47	167	4562926	47.673	ng	100
74) Di-n-butylphthalate	18.03	149	5506745	54.549	ng	99
75) Fluoranthene	19.12	202	5629033	50.729	ng	98
77) Benzidine	19.32	184	206943	4.844	ng	99
78) Pyrene	19.49	202	5649787	60.000	ng	100
80) Butylbenzylphthalate	20.40	149	2347550	62.897	ng	96
81) Benzo(a)anthracene	21.23	228	5136932	54.182	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	617359	17.471	ng	100
83) Chrysene	21.29	228	4870579	51.902	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	3273724	58.419	ng	100
85) Di-n-octyl phthalate	22.05	149	5132279	54.417	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	4597125	43.798	ng	99
88) Benzo(b)fluoranthene	22.80	252	4431565	55.639	ng	99
89) Benzo(k)fluoranthene	22.85	252	4486102	56.131	ng	99
90) Benzo(a)pyrene	23.37	252	4174422	55.199	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3873191	51.579	ng	99
92) Benzo(g,h,i)perylene	26.35	276	3851935	51.756	ng	99

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

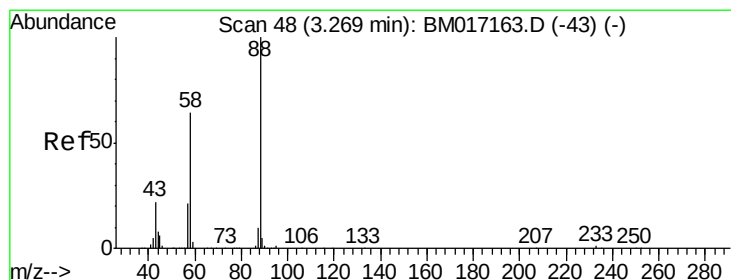
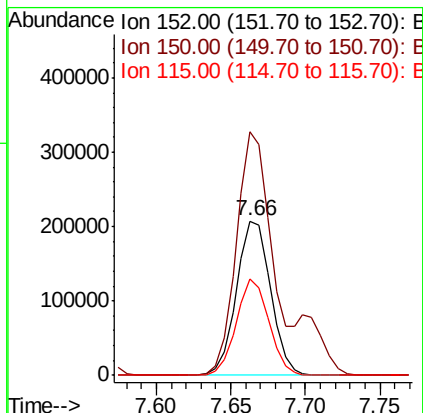
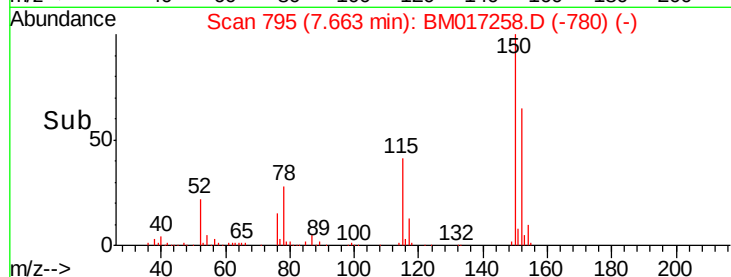
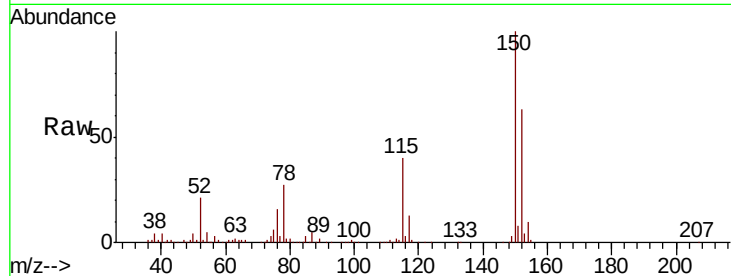


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :

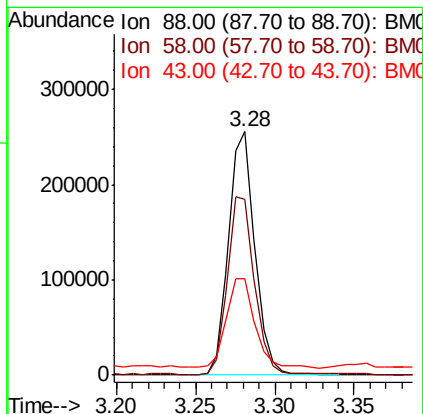
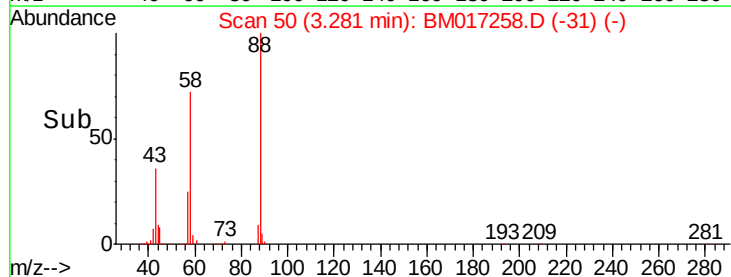
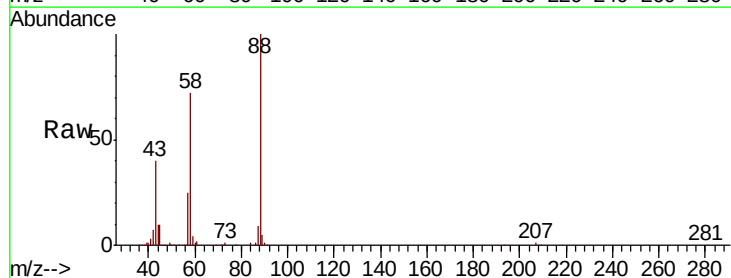
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.3	186.5
115	62.8	48.1	72.1

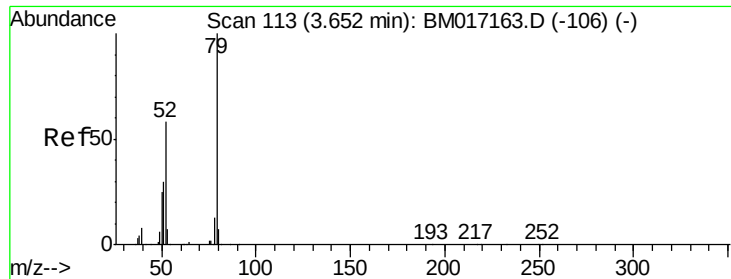


#2

1,4-Dioxane
Concen: 29.543 ng
RT: 3.28 min Scan# 50
Delta R.T. 0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	50.2	75.4
43	39.7	19.3	28.9





#3

Pvridine

Concen: 32.665 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

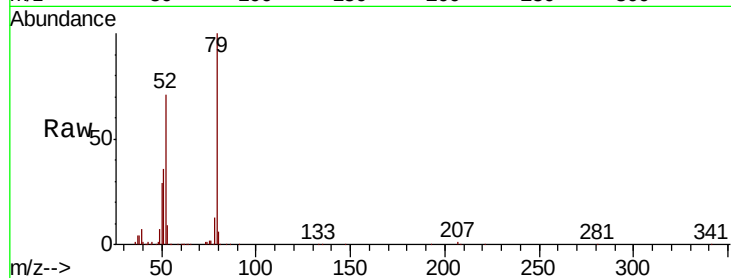
Tot Ion: 79 Resp: 750047

Ion Ratio Lower Upper

79 100

52 70.6 46.5 69.7#

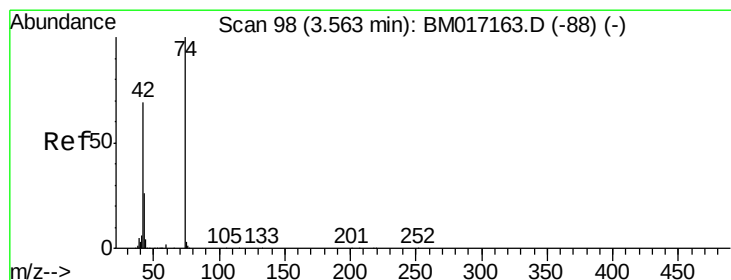
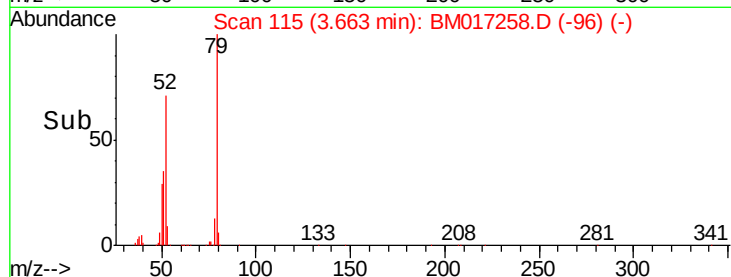
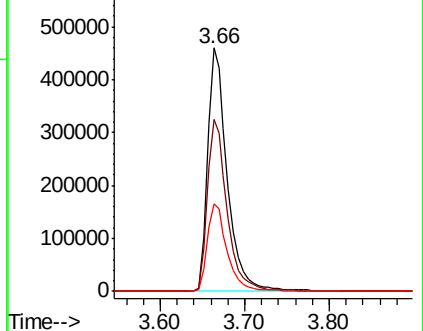
51 35.7 24.6 37.0



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: 46.512 ng

RT: 3.57 min Scan# 99

Delta R.T. 0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

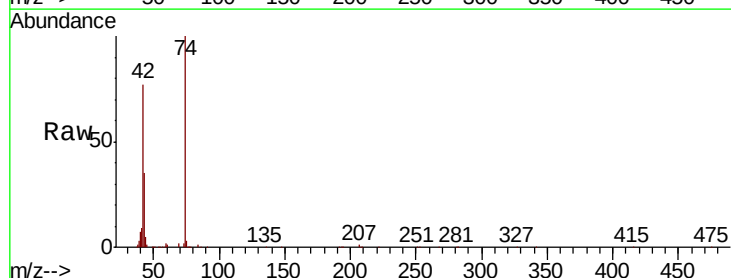
Tgt Ion: 42 Resp: 428745

Ion Ratio Lower Upper

42 100

74 129.1 114.4 171.6

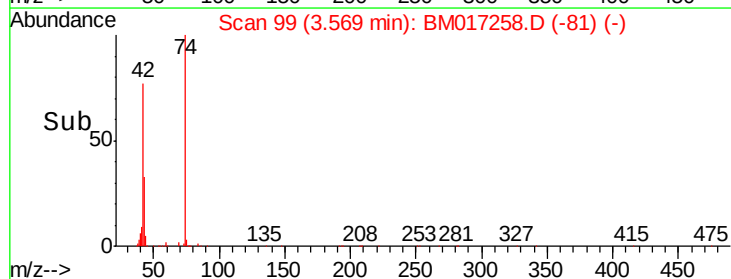
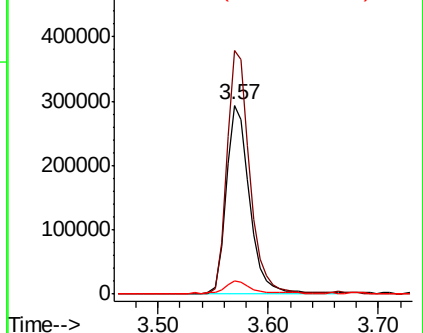
44 6.8 48.6 73.0#

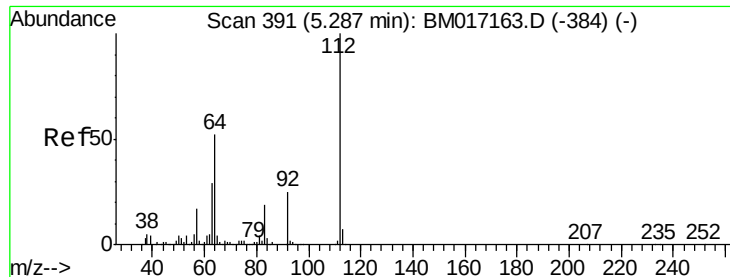


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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: 115.850 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

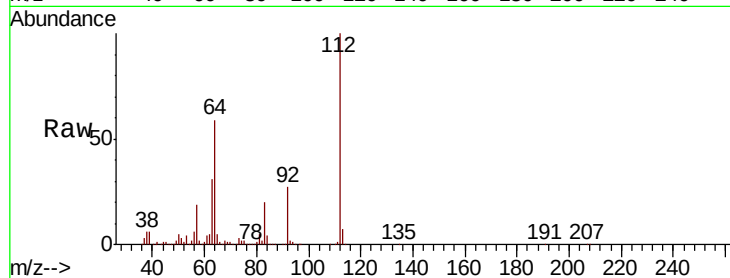
Tot Ion:112 Resp: 2264058

Ion Ratio Lower Upper

112 100

64 58.8 41.7 62.5

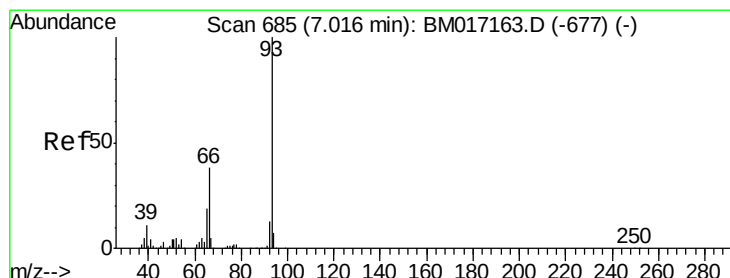
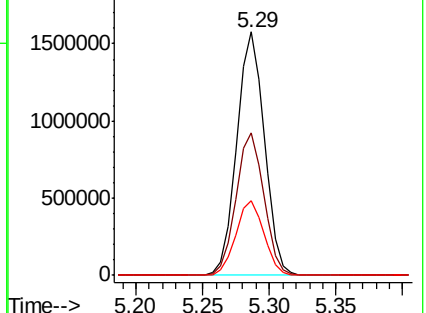
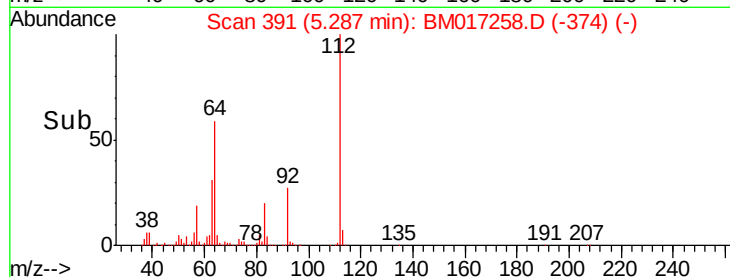
63 30.7 23.0 34.4



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: 8.017 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

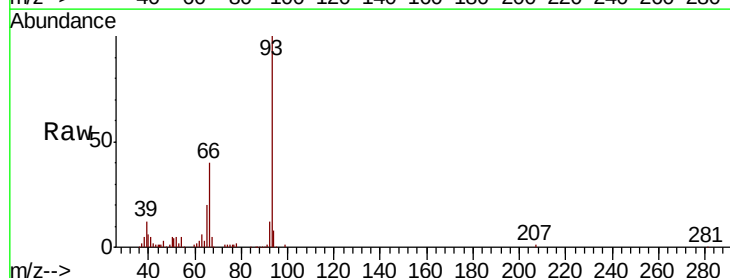
Tgt Ion: 93 Resp: 266885

Ion Ratio Lower Upper

93 100

66 39.7 30.4 45.6

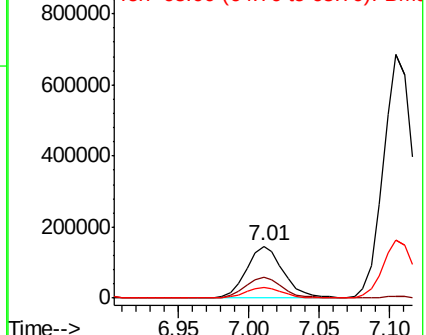
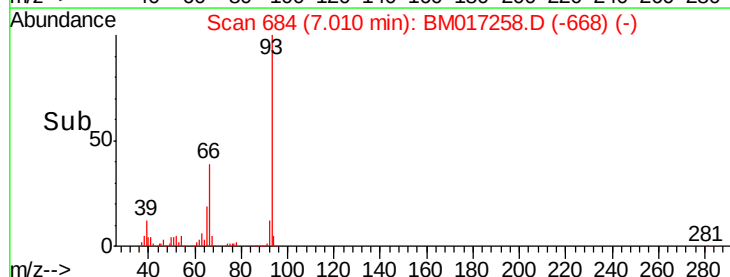
65 19.8 15.3 22.9

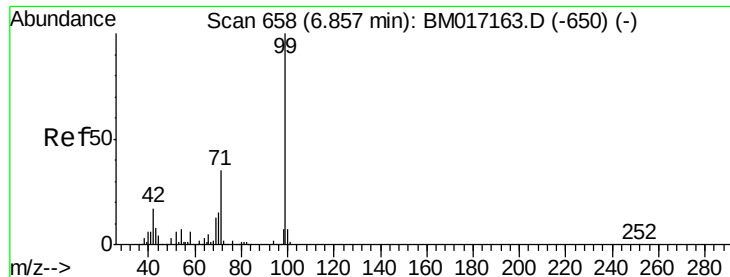


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 109.540 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampled :

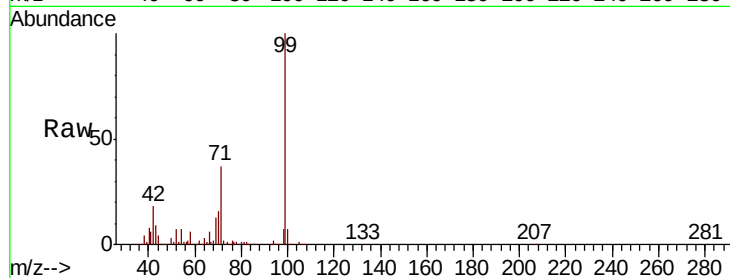
Tot Ion: 99 Resp: 2915591

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

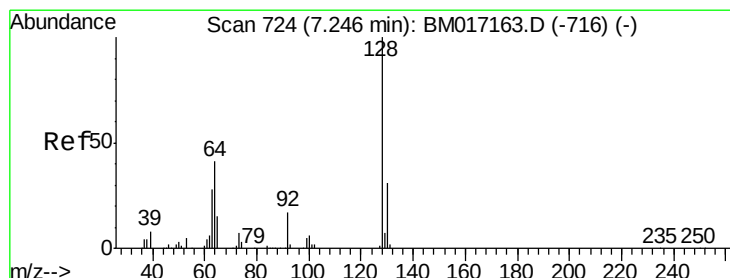
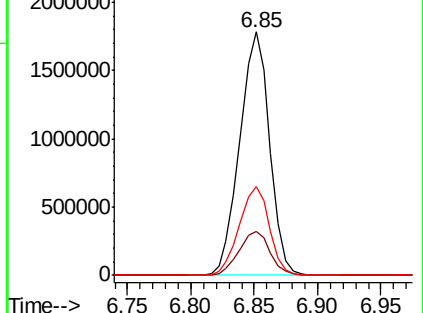
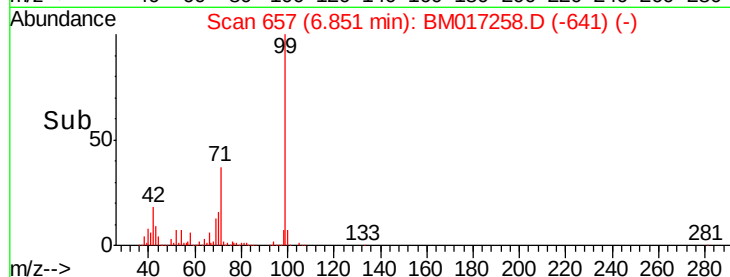
71 36.6 28.0 42.0



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: 48.930 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

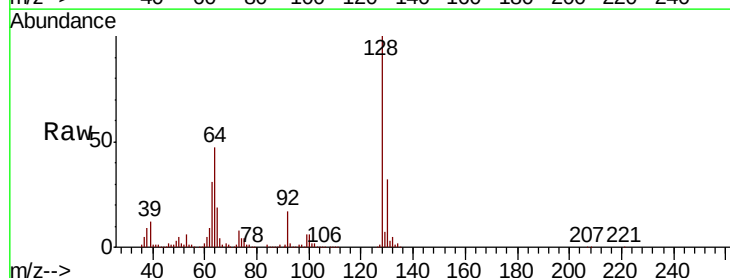
Tgt Ion:128 Resp: 1106258

Ion Ratio Lower Upper

128 100

130 31.9 11.0 51.0

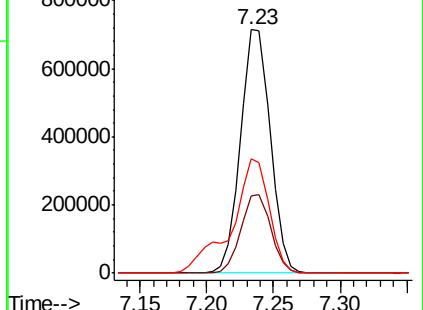
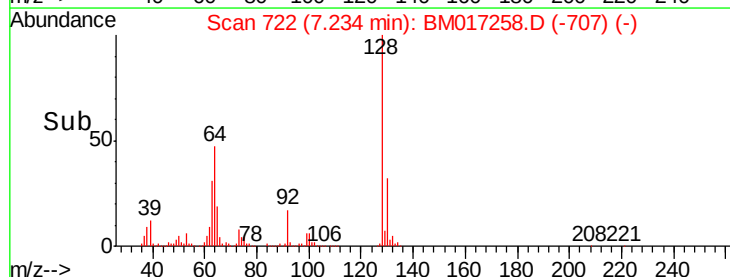
64 46.9 24.1 64.1

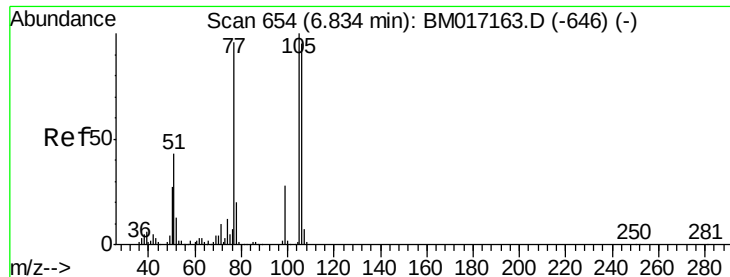


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

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: 25.896 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

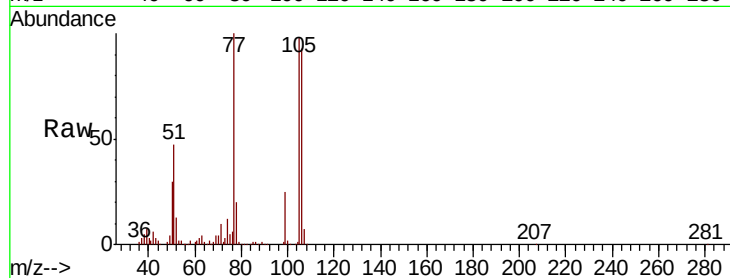
Tot Ion: 77 Resp: 439480

Ion Ratio Lower Upper

77 100

105 98.0 83.9 123.9

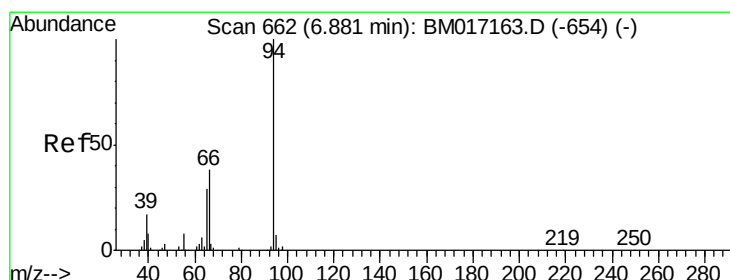
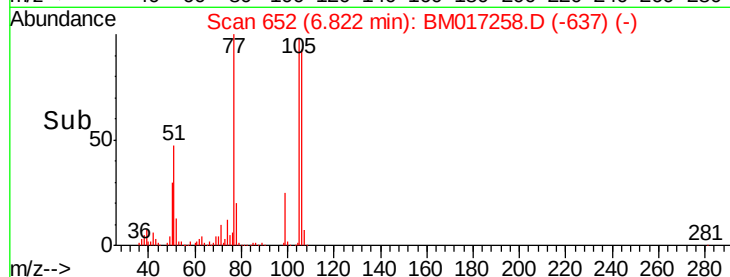
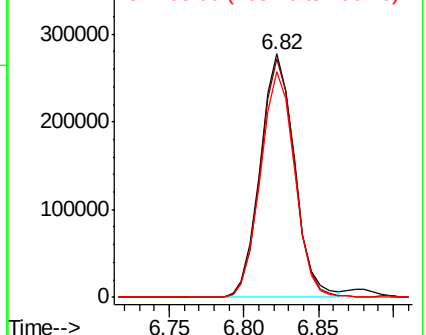
106 92.8 78.2 118.2



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

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

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



#10

Phenol

Concen: 43.292 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

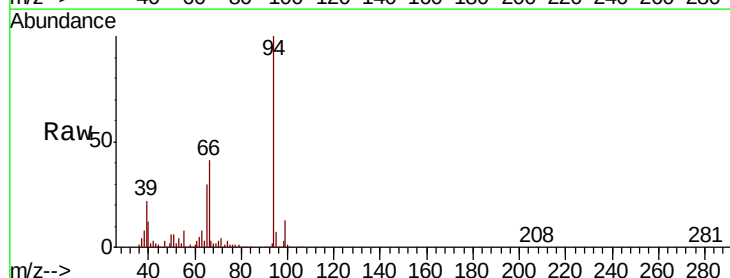
Tgt Ion: 94 Resp: 1240125

Ion Ratio Lower Upper

94 100

65 29.6 9.4 49.4

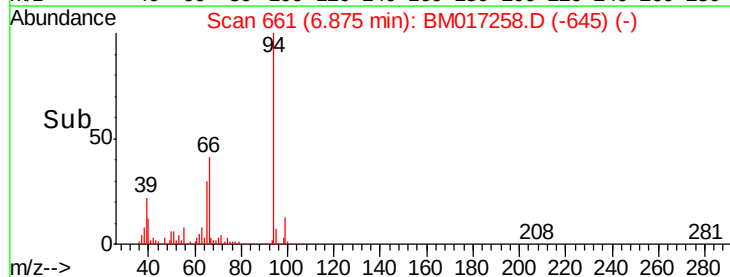
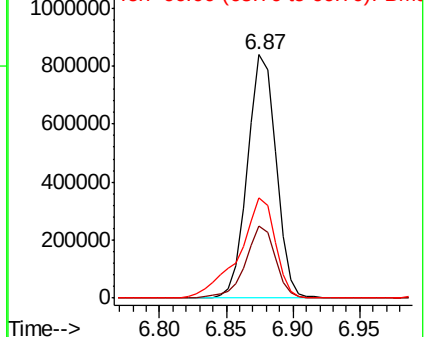
66 41.2 19.0 59.0

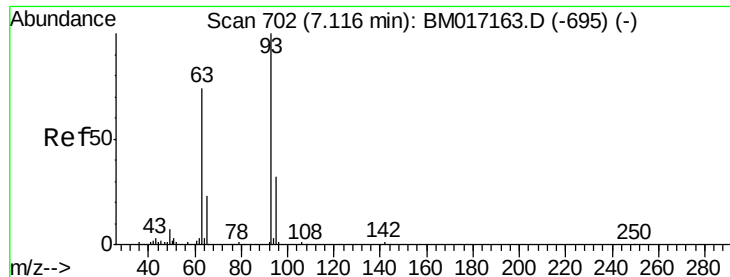


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

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

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

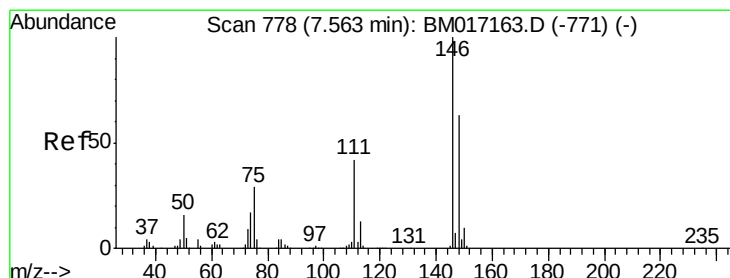
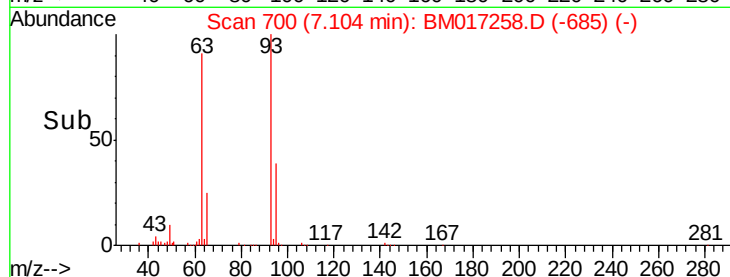
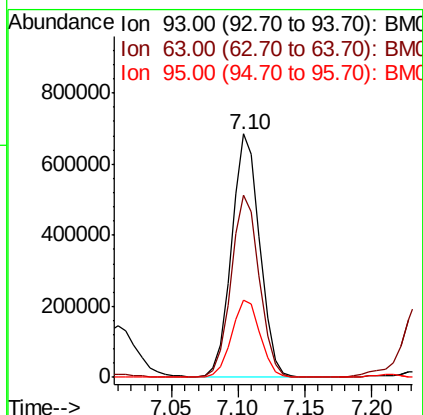
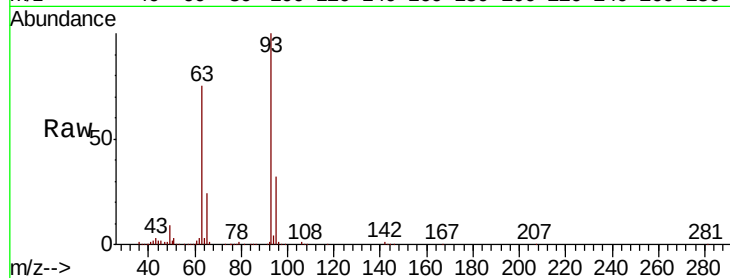




#11
bis(2-Chloroethyl)ether
Concen: 43.849 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

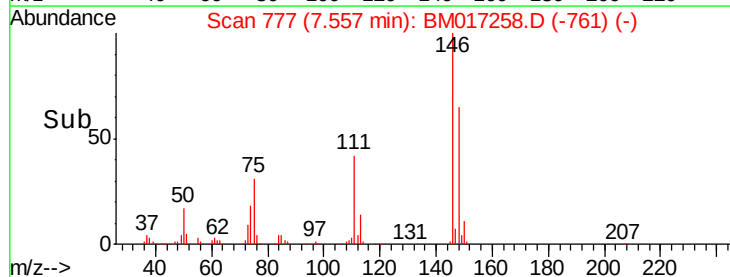
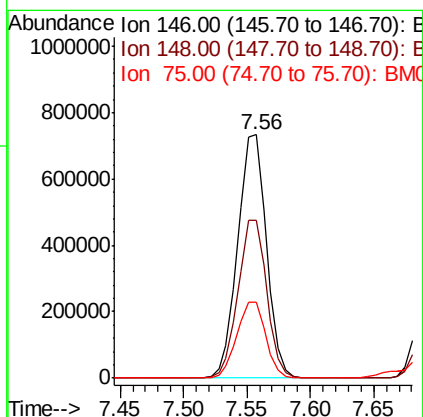
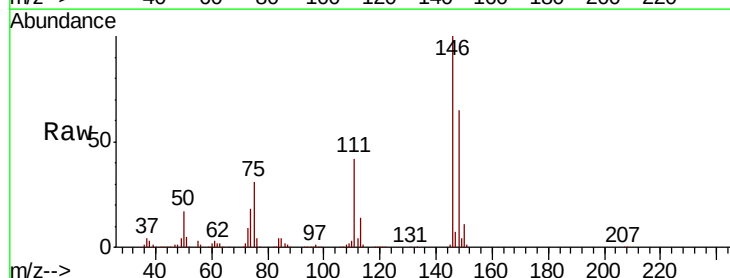
Instrument :
BNA_M
ClientSampleId :

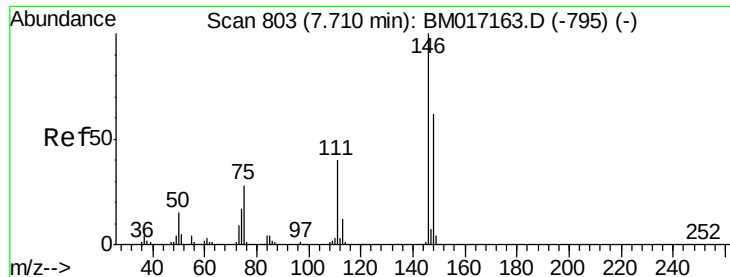
Tot Ion: 93 Resp: 1001323
Ion Ratio Lower Upper
93 100
63 74.6 54.0 94.0
95 31.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.636 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 146 Resp: 1150072
Ion Ratio Lower Upper
146 100
148 64.8 50.2 75.4
75 31.2 23.3 34.9

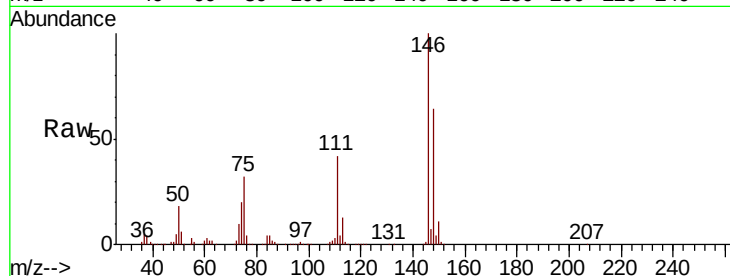




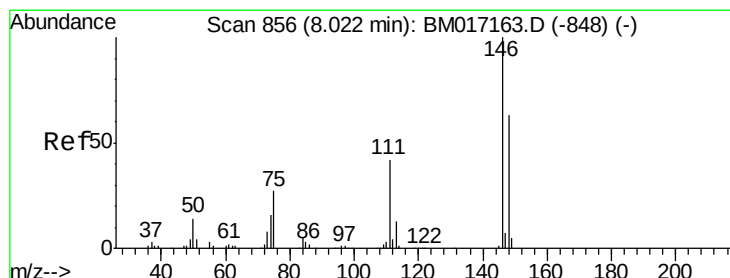
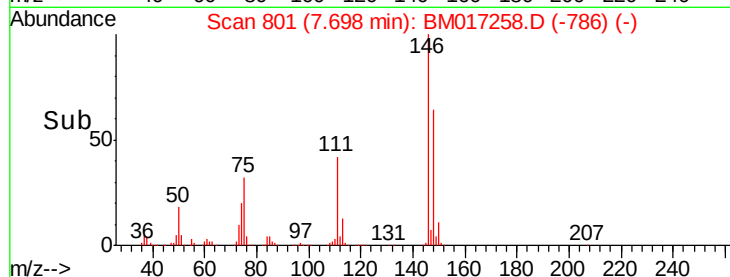
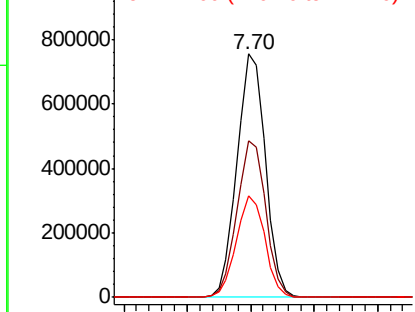
#13
 1,4-Dichlorobenzene
 Concen: 43.638 ng
 RT: 7.70 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:146 Resp: 1175064
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.8 74.6
 111 41.7 32.1 48.1

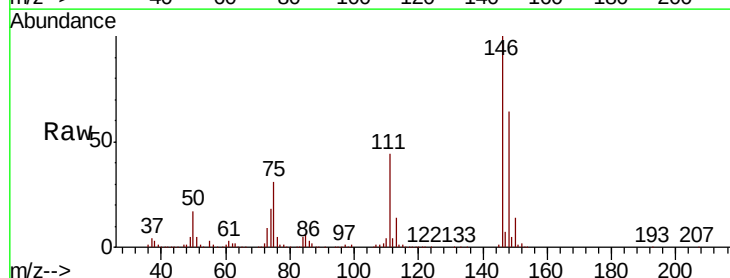


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

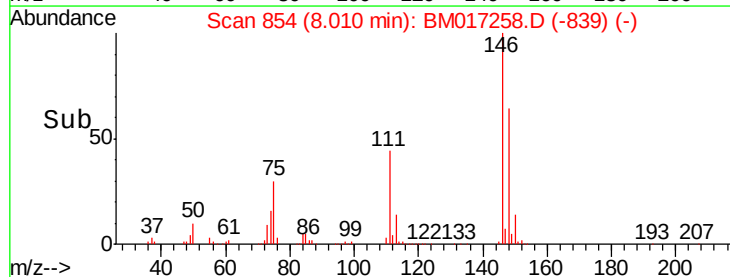
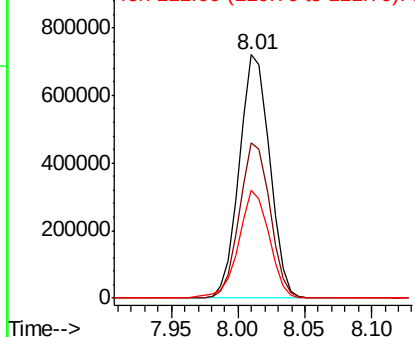


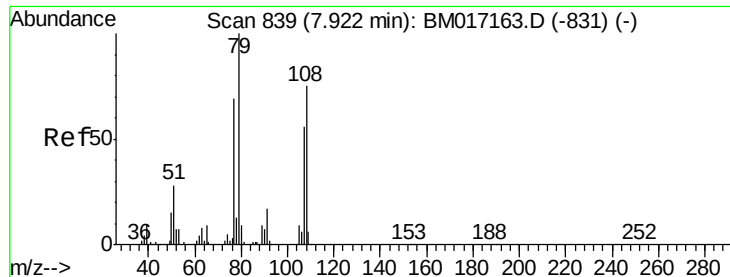
#14
 1,2-Dichlorobenzene
 Concen: 43.668 ng
 RT: 8.01 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:146 Resp: 1132927
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 44.1 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: 51.166 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

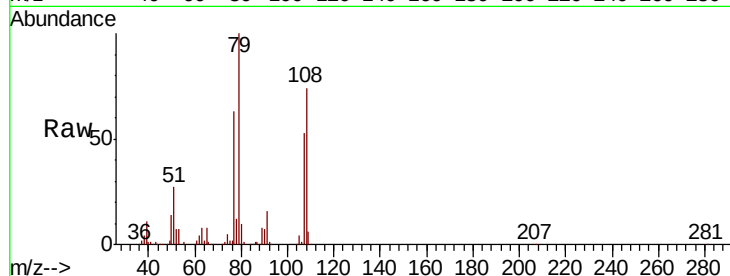
Tot Ion: 79 Resp: 995458

Ion Ratio Lower Upper

79 100

108 73.9 60.3 90.5

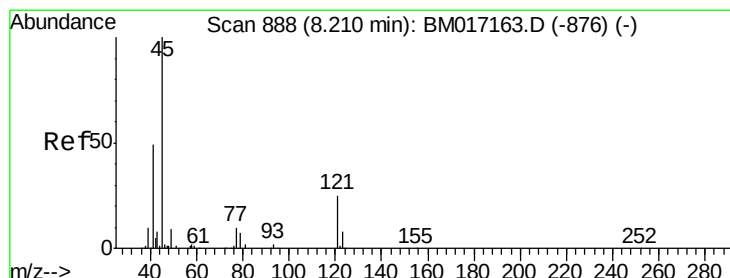
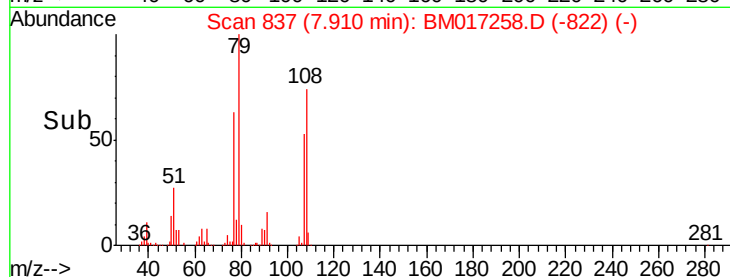
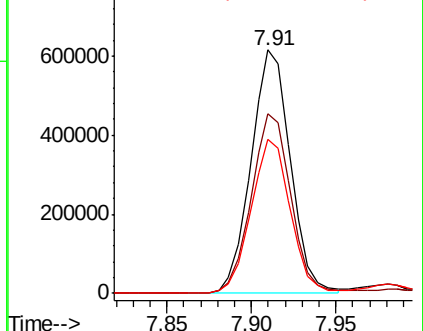
77 63.4 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.707 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

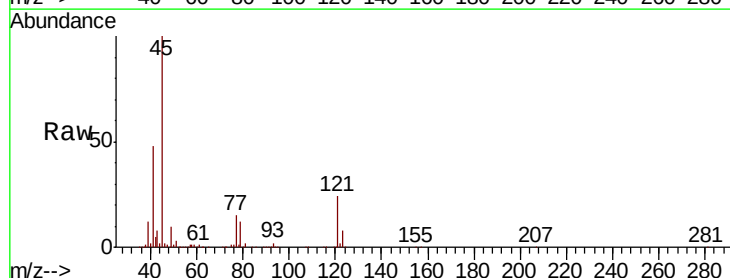
Tgt Ion: 45 Resp: 1362493

Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.5

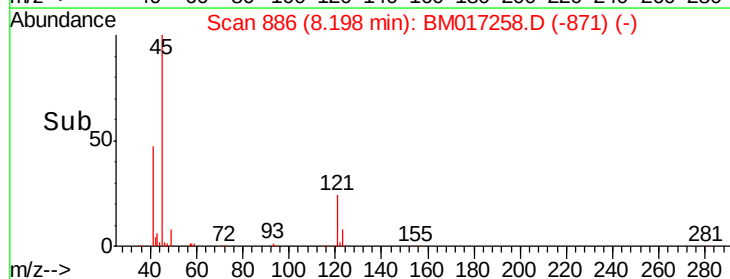
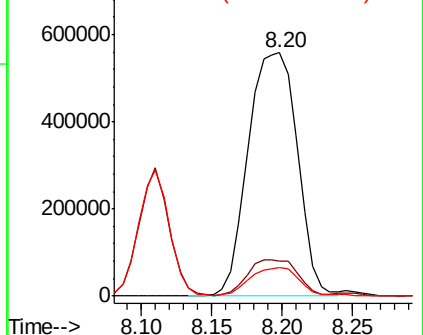
79 12.0 0.0 32.1

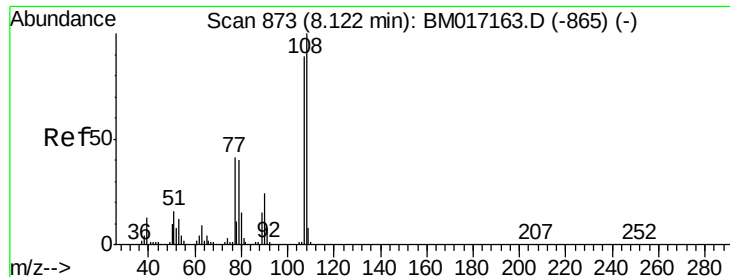


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-876) (-)

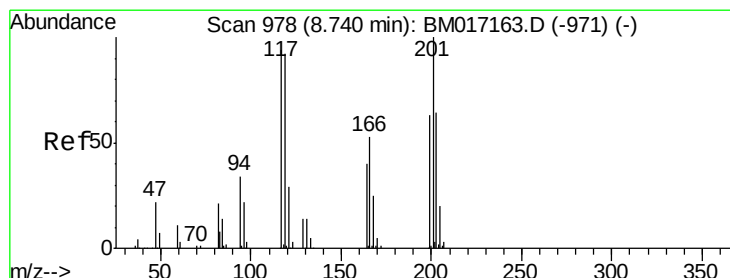
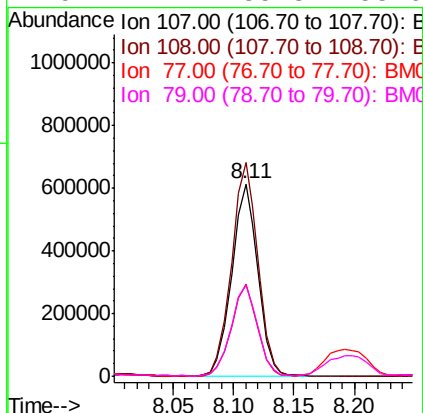
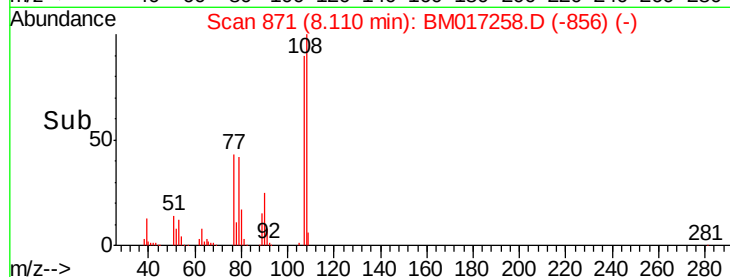
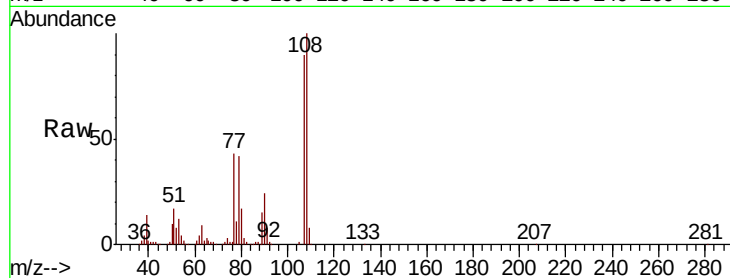




#17
2-Methylphenol
Concen: 49.983 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

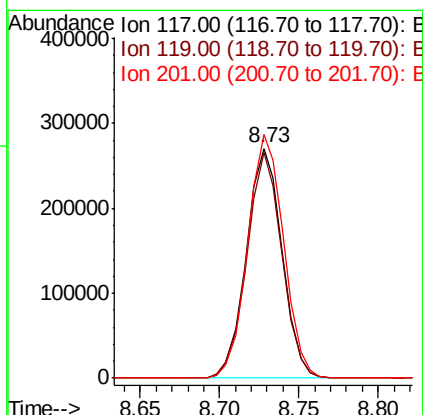
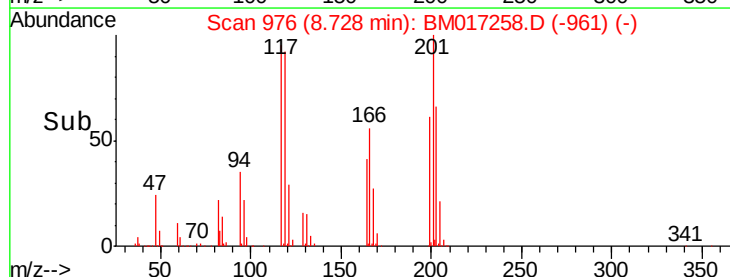
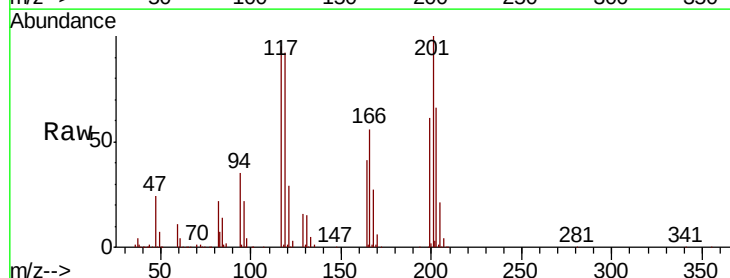
Instrument :
BNA_M
ClientSampleId :

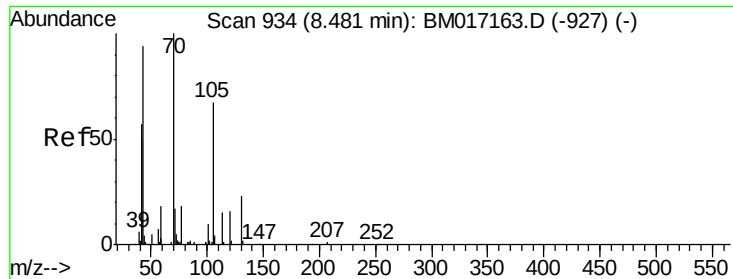
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.3	135.5
77	48.0	37.0	55.4
79	47.2	35.8	53.6



#18
Hexachloroethane
Concen: 45.911 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.2	117.2
201	105.8	85.3	127.9

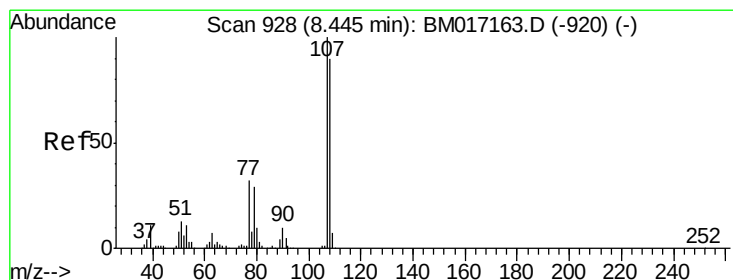
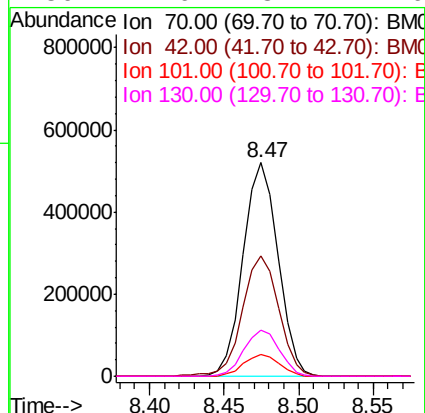
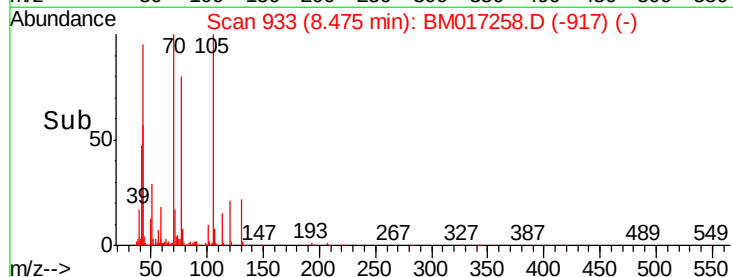
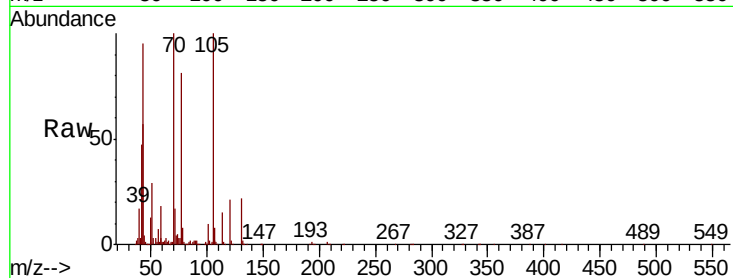




#19
n-Nitroso-di-n-propylamine
Concen: 48.171 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

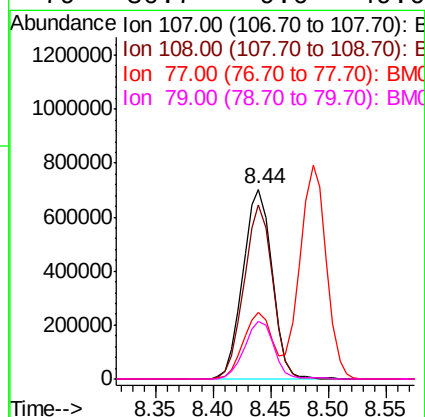
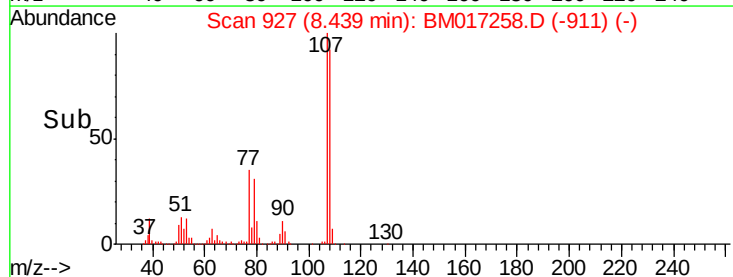
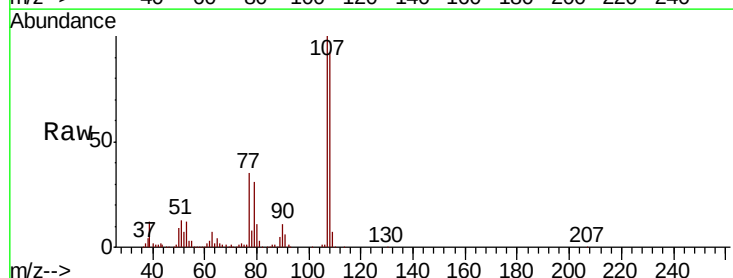
Instrument :
BNA_M
ClientSampleId :

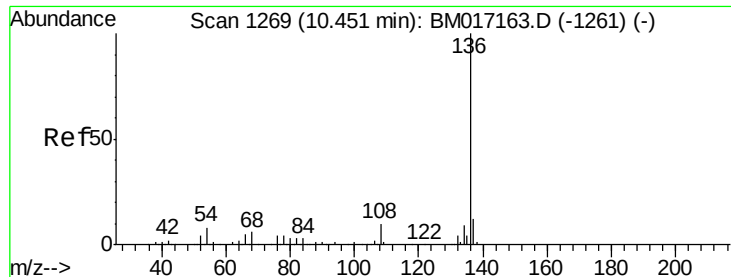
Tot Ion:	70	Resp:	844243
Ion	Ratio	Lower	Upper
70	100		
42	56.6	46.1	69.1
101	10.4	8.2	12.4
130	21.6	18.4	27.6



#20
3+4-Methylphenols
Concen: 49.464 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:	107	Resp:	1243907
Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.9	109.9
77	35.1	12.2	52.2
79	30.7	9.0	49.0

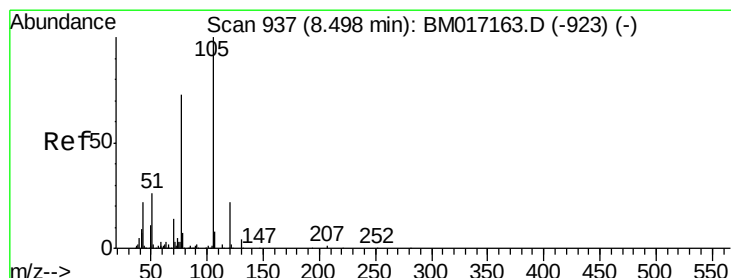
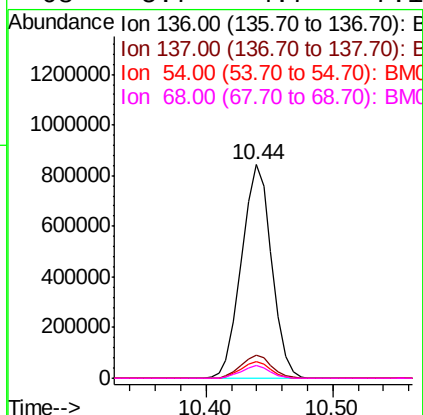
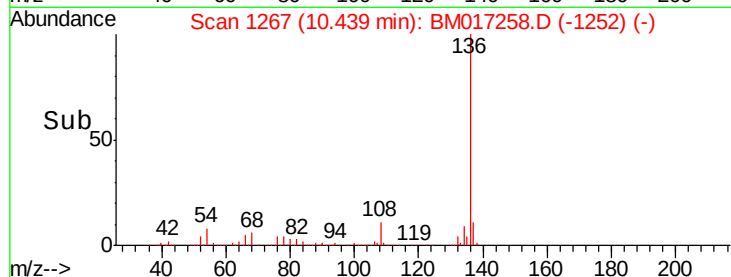
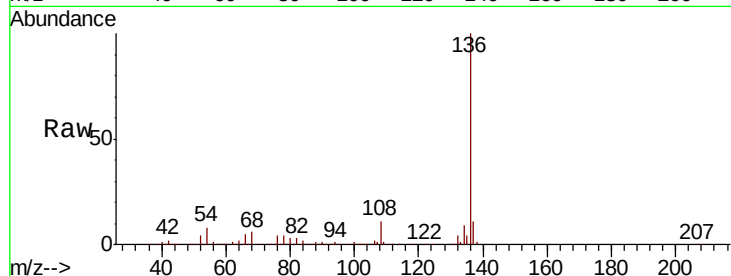




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

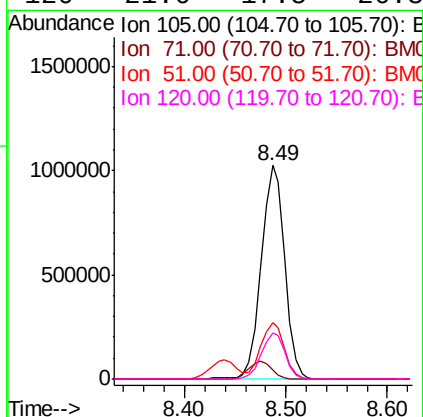
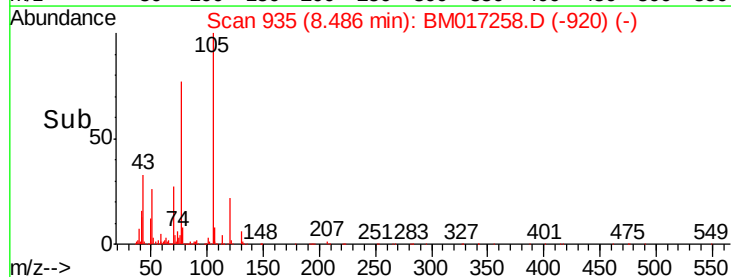
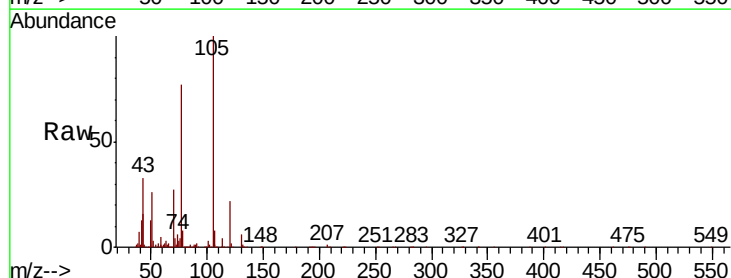
Instrument :
BNA_M
ClientSampleId :

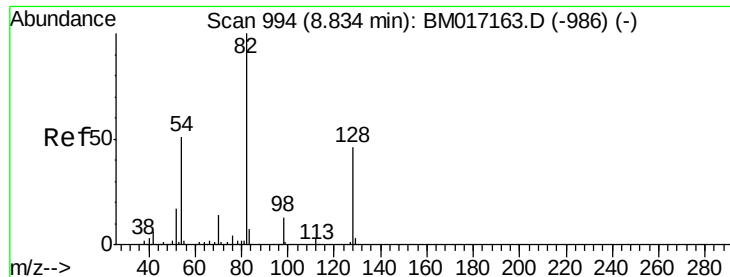
Tot Ion:136	Resp: 1390488
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 7.7	6.7 10.1
68 5.7	4.7 7.1



#22
Acetophenone
Concen: 46.918 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt	Ion:105	Resp:	1653720
Ion	Ratio	Lower	Upper
105	100		
71	4.4	2.0	3.0#
51	26.4	20.6	31.0
120	21.6	17.5	26.3

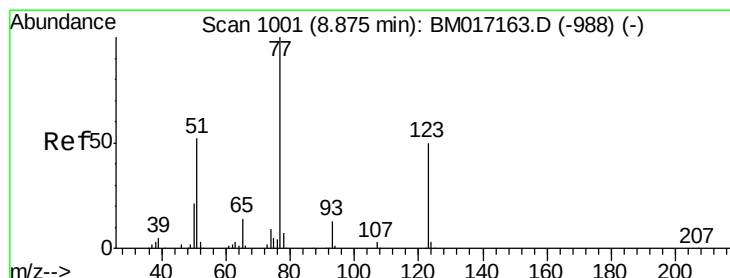
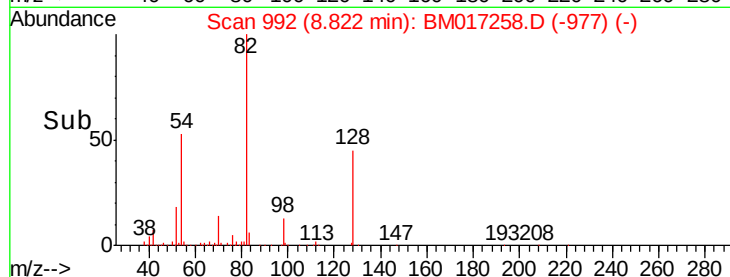
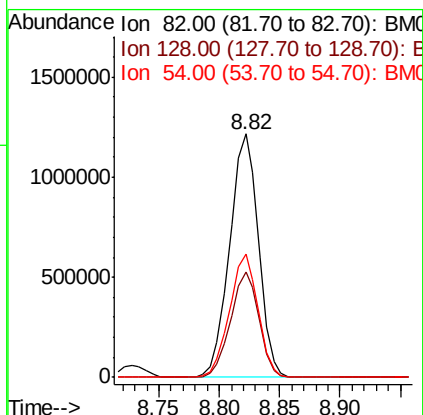
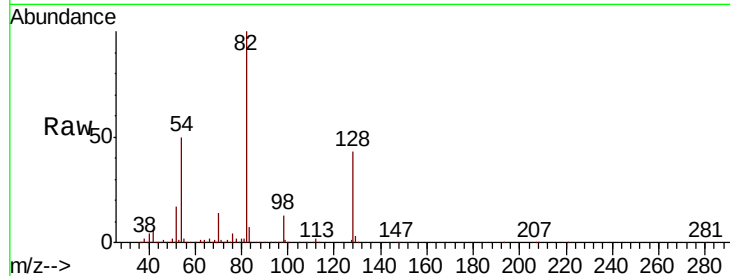




#23
 Nitrobenzene-d5
 Concen: 85.042 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

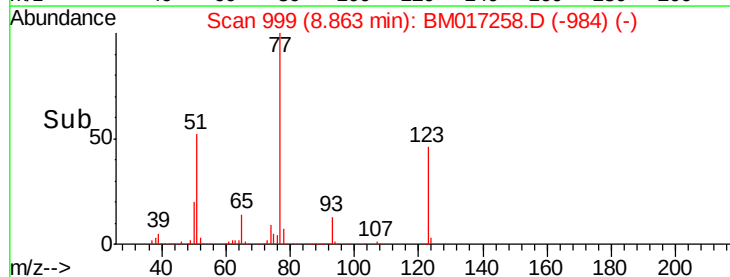
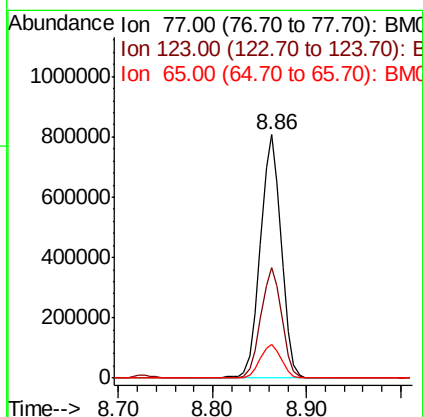
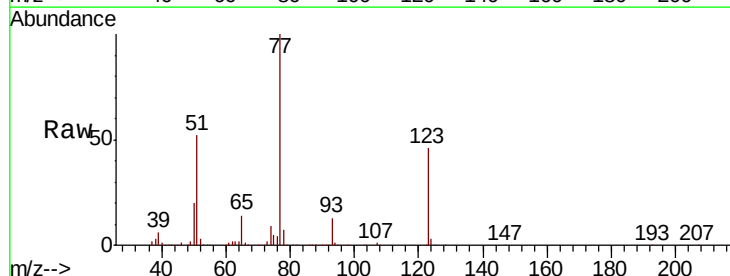
Instrument :
 BNA_M
 ClientSampleId :

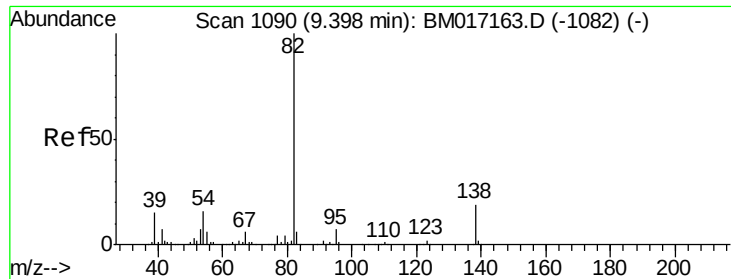
Tot Ion: 82 Resp: 2021861
 Ion Ratio Lower Upper
 82 100
 128 43.5 37.0 55.6
 54 50.4 40.7 61.1



#24
 Nitrobenzene
 Concen: 49.162 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion: 77 Resp: 1236340
 Ion Ratio Lower Upper
 77 100
 123 45.6 40.2 60.4
 65 14.1 11.4 17.0





#25

Isophorone

Concen: 58.070 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

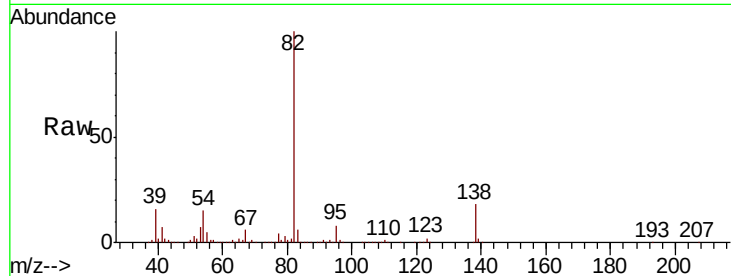
Tot Ion: 82 Resp: 2279781

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

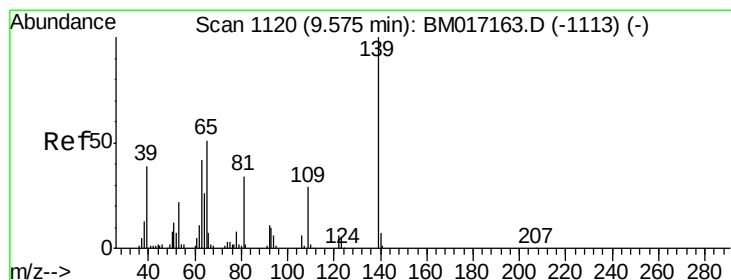
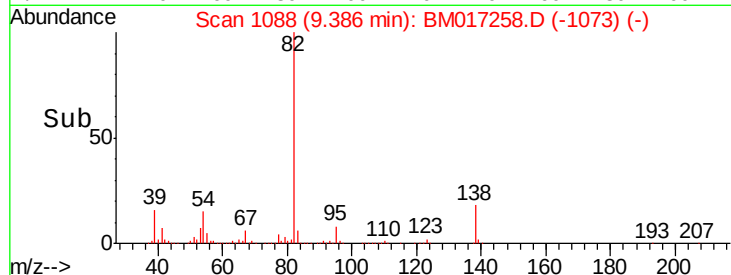
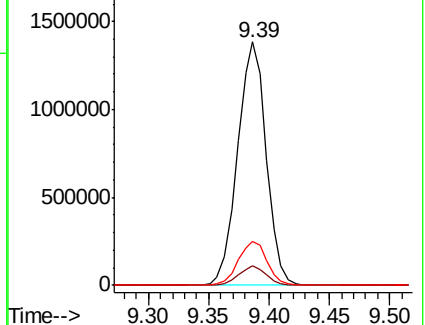
138 18.3 15.4 23.2



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: 50.849 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

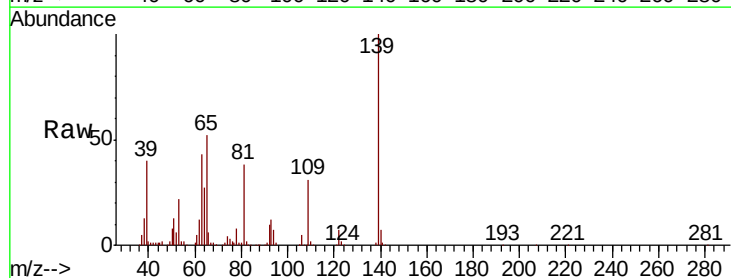
Tgt Ion: 139 Resp: 603004

Ion Ratio Lower Upper

139 100

109 31.5 23.2 34.8

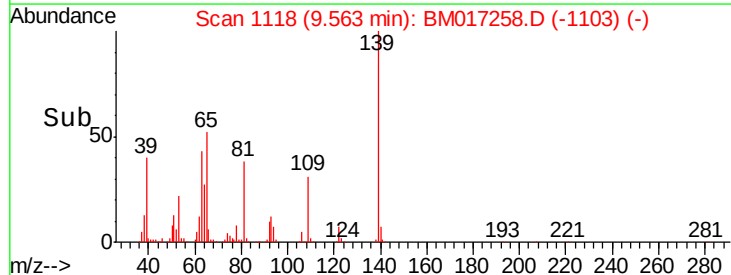
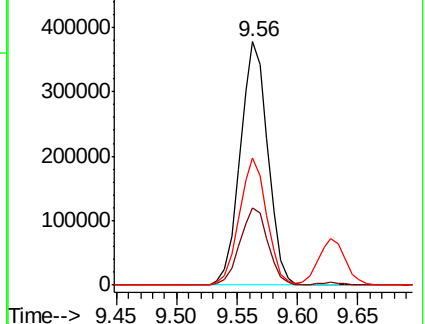
65 52.1 40.6 61.0

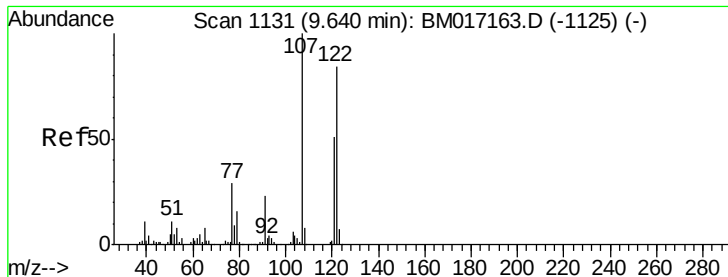


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

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: 61.098 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampled :

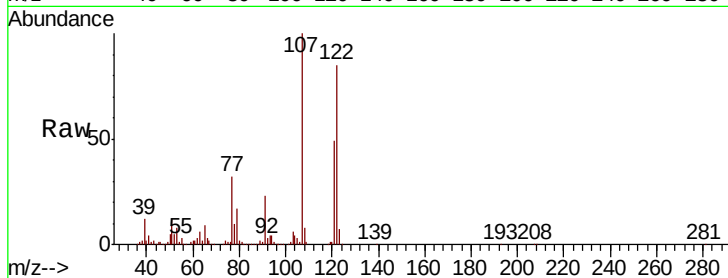
Tot Ion:122 Resp: 1060644

Ion Ratio Lower Upper

122 100

107 118.2 95.0 142.6

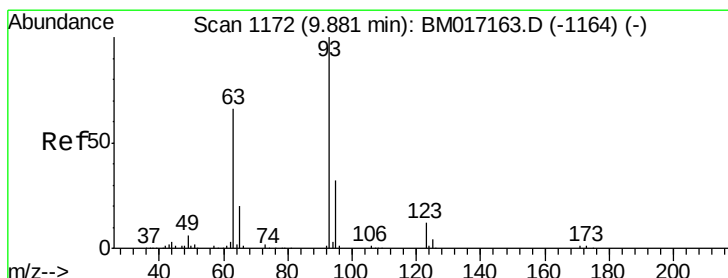
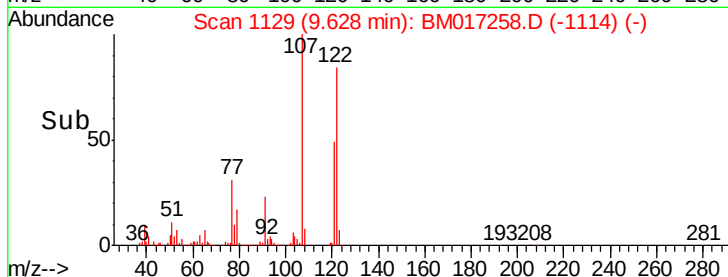
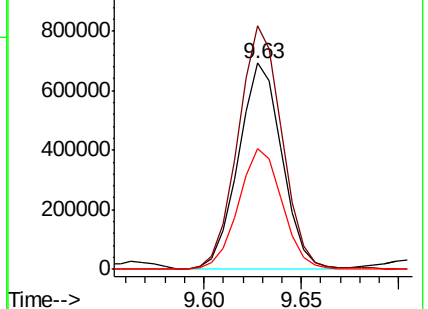
121 58.4 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.746 ng

RT: 9.87 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

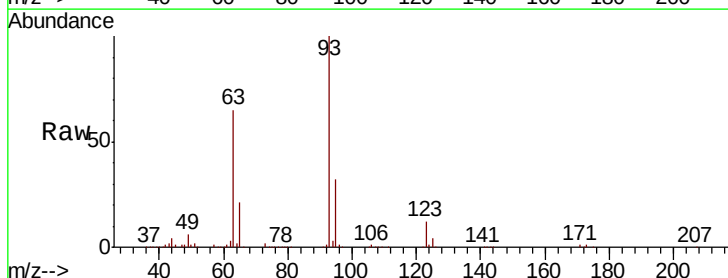
Tgt Ion: 93 Resp: 1429872

Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

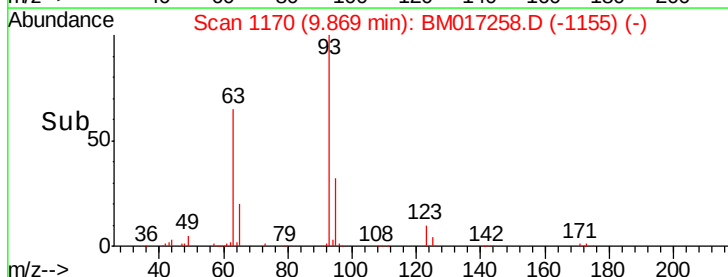
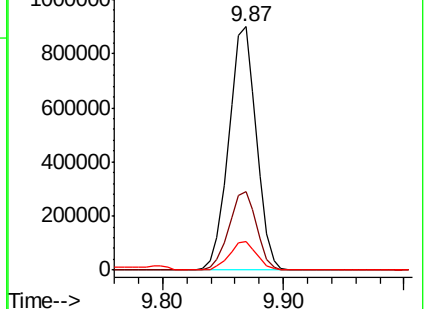
123 11.6 9.4 14.0

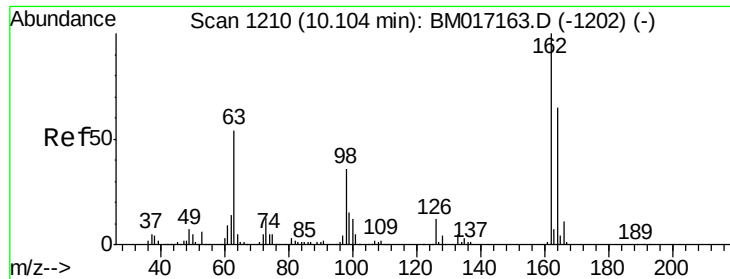


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

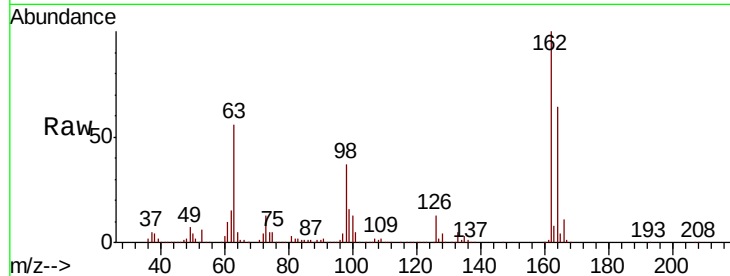




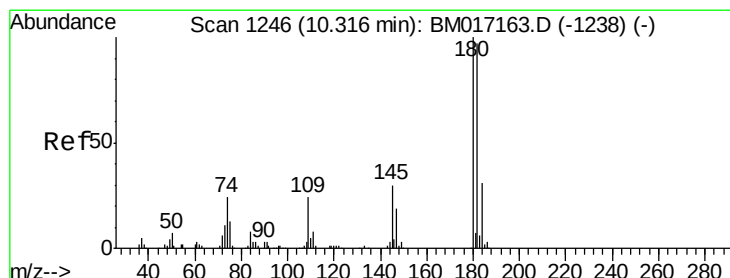
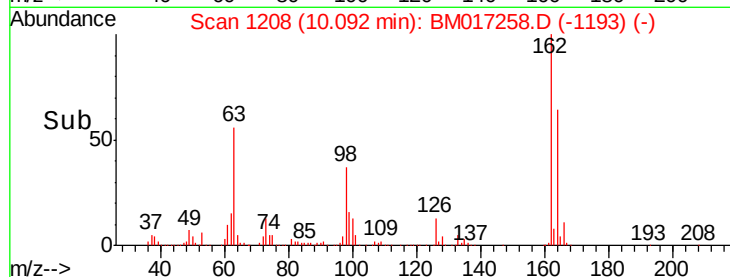
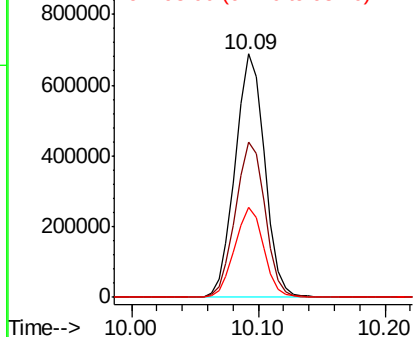
#29
2,4-Dichlorophenol
Concen: 55.093 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 1110446
Ion Ratio Lower Upper
162 100
164 63.6 44.9 84.9
98 36.8 15.8 55.8

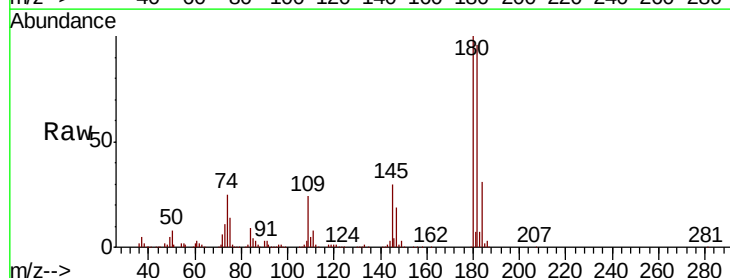


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

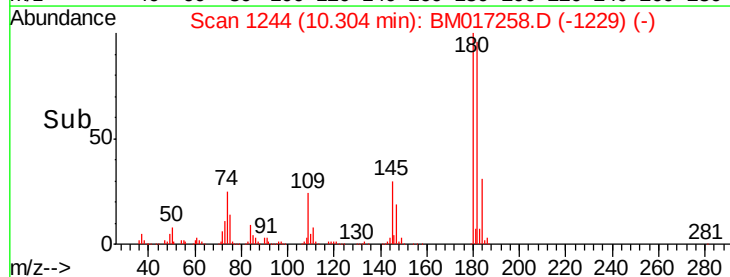
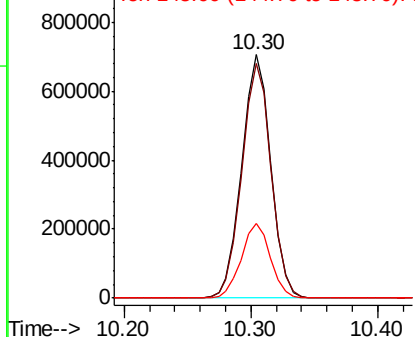


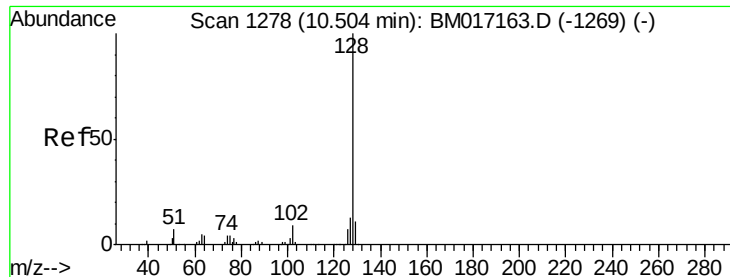
#30
1,2,4-Trichlorobenzene
Concen: 46.417 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:180 Resp: 1122310
Ion Ratio Lower Upper
180 100
182 96.5 77.5 116.3
145 30.5 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

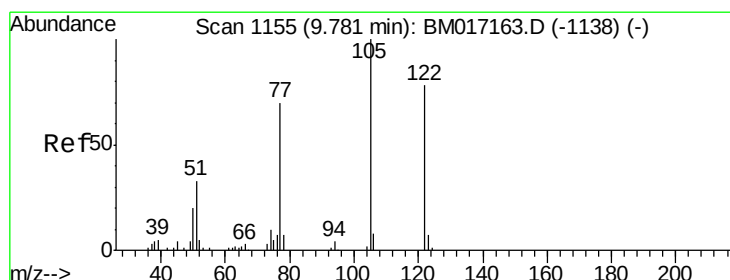
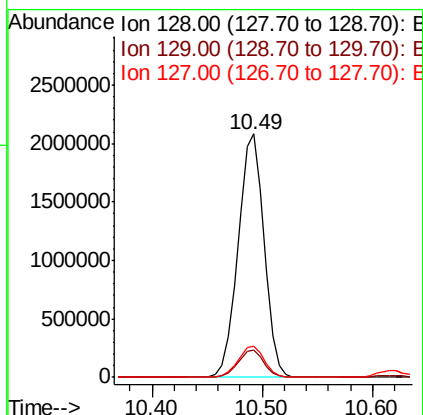
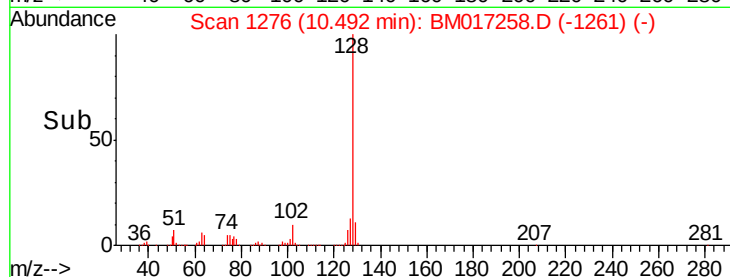
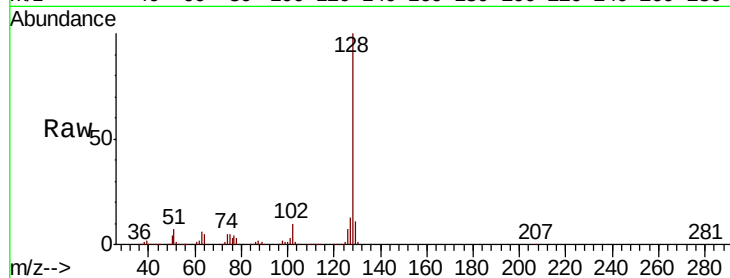




#31
Naphthalene
Concen: 50.462 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

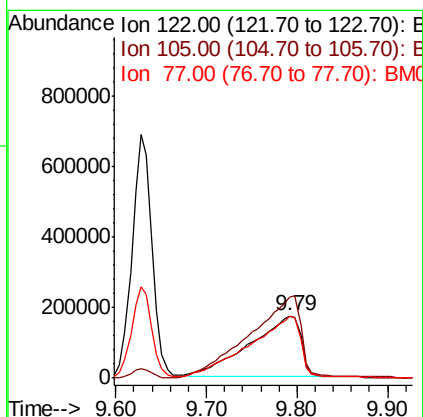
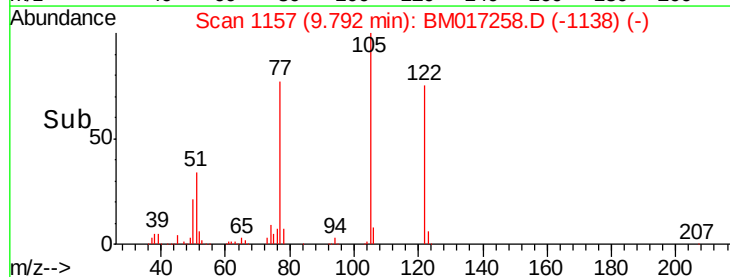
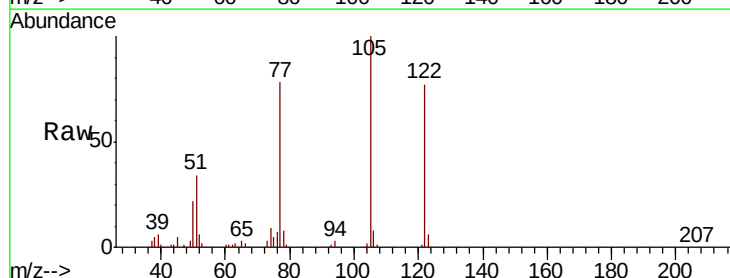
Instrument :
BNA_M
ClientSampled :

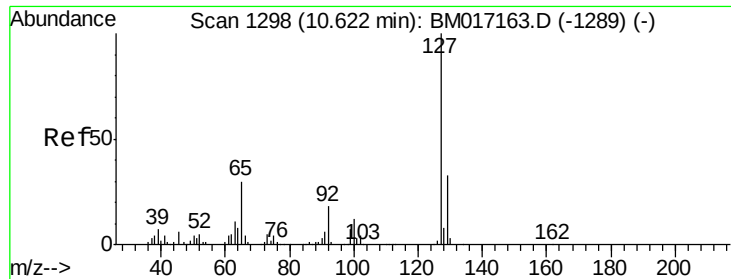
Tot Ion:128 Resp: 3438606
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 52.091 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:122 Resp: 674715
Ion Ratio Lower Upper
122 100
105 130.0 102.0 142.0
77 100.8 67.7 107.7

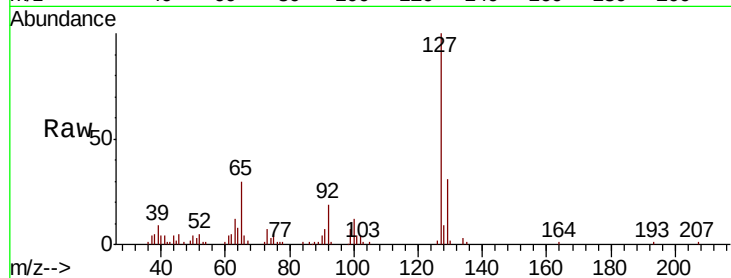




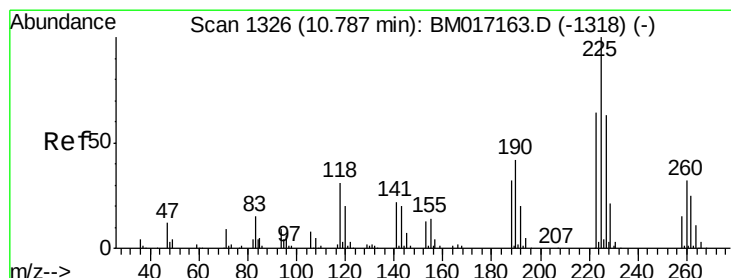
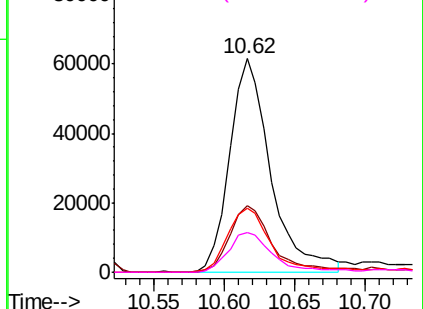
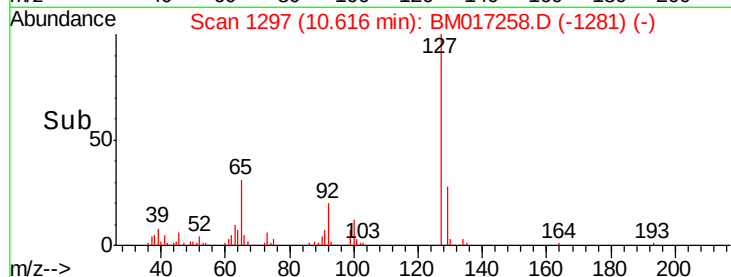
#33
4-Chloroaniline
Concen: 4.253 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	125170
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.4
65	29.8	23.7	35.5
92	18.6	14.3	21.5

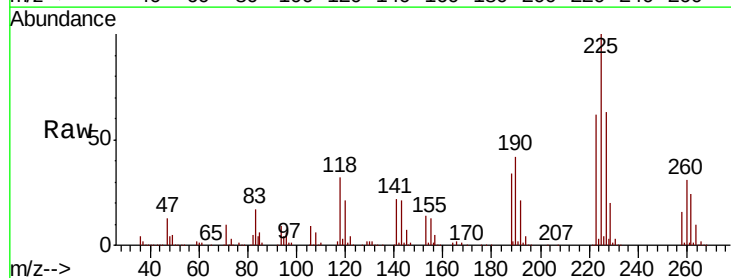


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

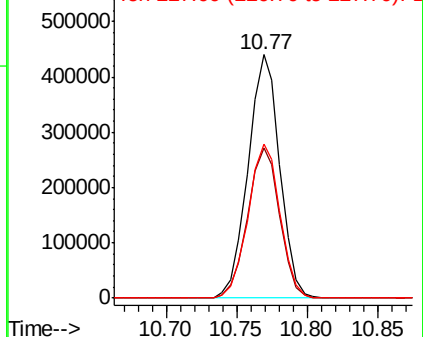
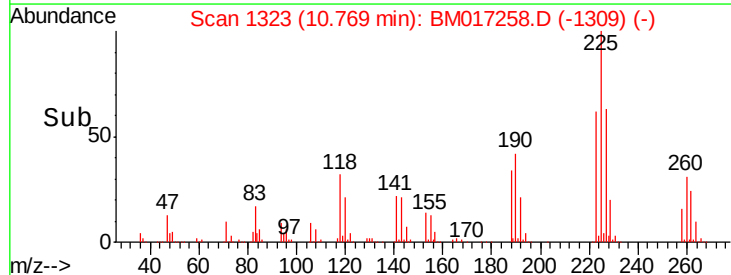


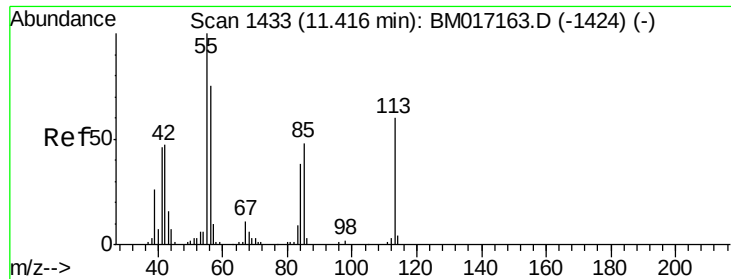
#34
Hexachlorobutadiene
Concen: 45.189 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:	225	Resp:	692305
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.5	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

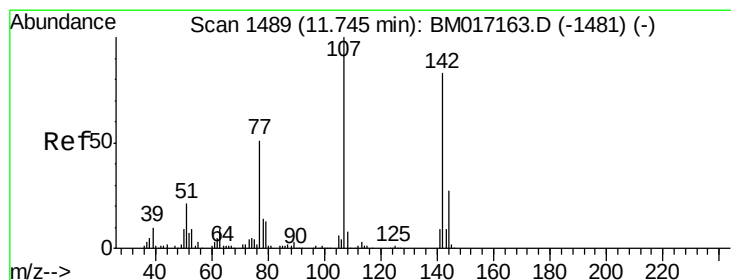
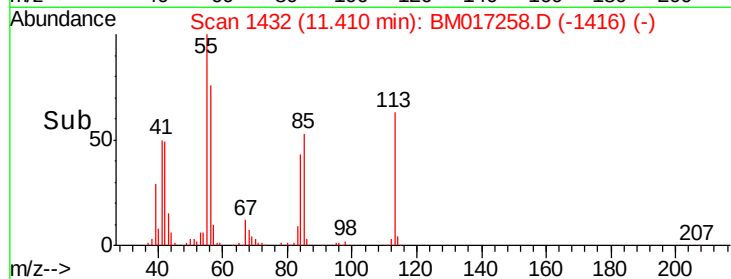
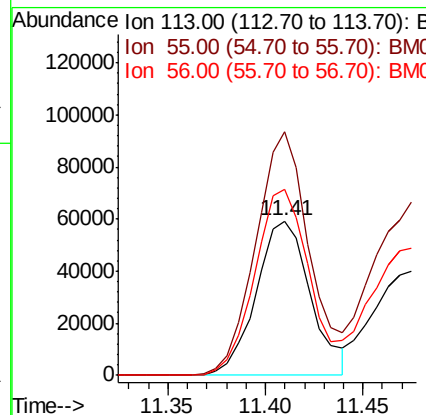
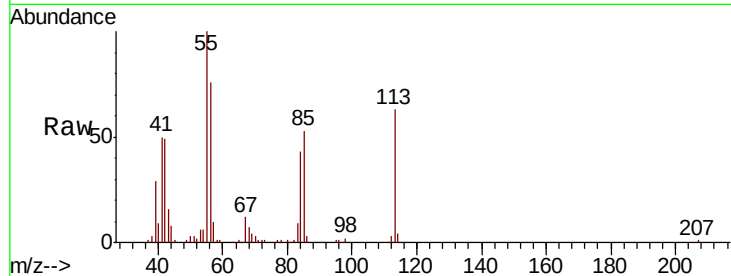




#35
 Caprolactam
 Concen: 15.562 ng
 RT: 11.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

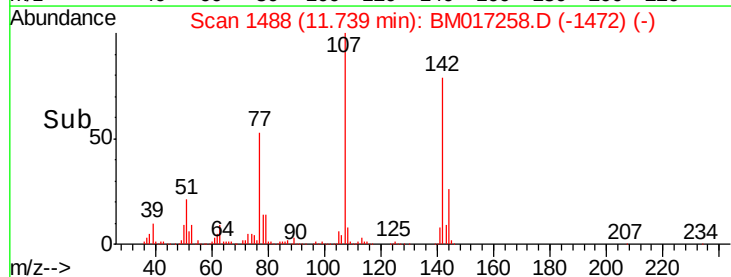
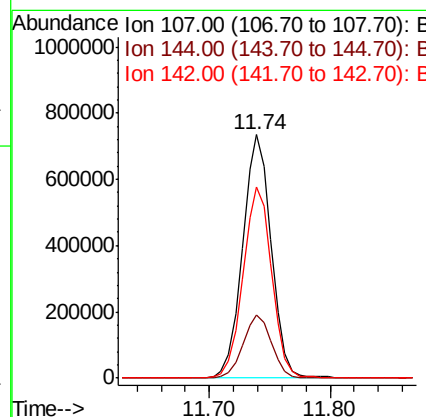
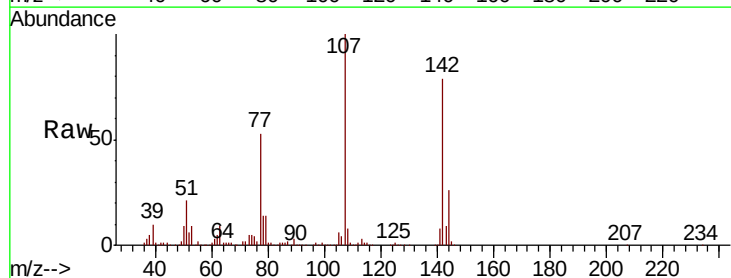
Instrument :
 BNA_M
 ClientSampleId :

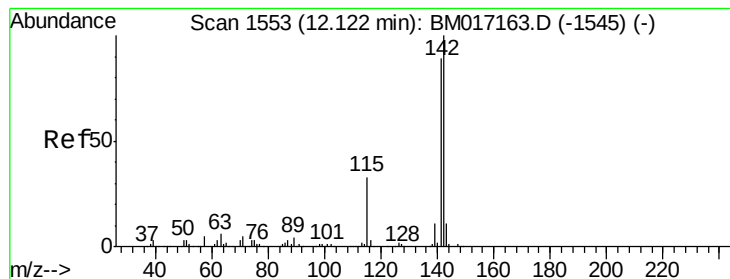
Tot Ion:113 Resp: 114308
 Ion Ratio Lower Upper
 113 100
 55 158.0 147.0 187.0
 56 120.5 104.5 144.5



#36
 4-Chloro-3-methylphenol
 Concen: 53.279 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:107 Resp: 1210489
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.6 32.4
 142 78.7 66.0 99.0





#37

2-Methylnaphthalene

Concen: 56.594 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

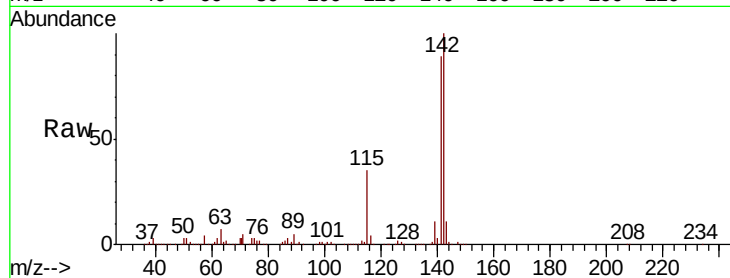
Tot Ion:142 Resp: 2638981

Ion Ratio Lower Upper

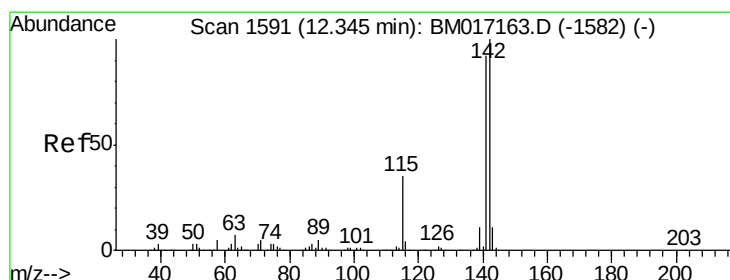
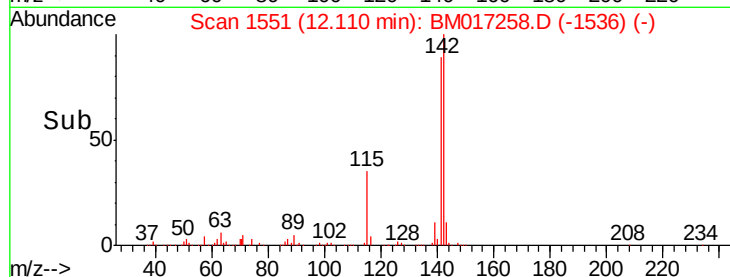
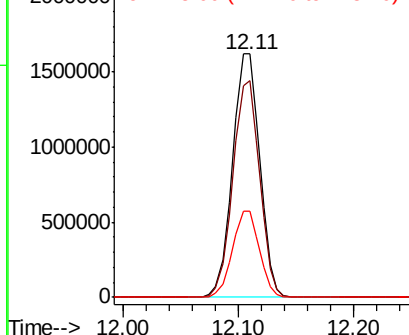
142 100

141 89.2 70.9 106.3

115 35.3 26.4 39.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 54.810 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

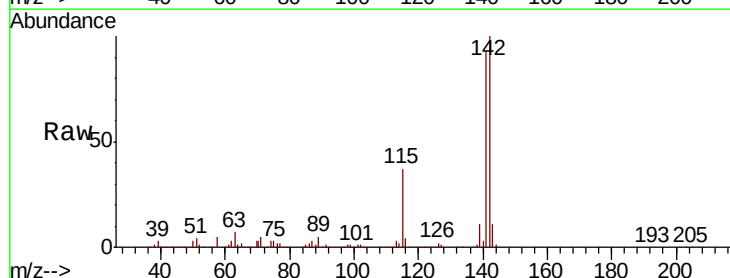
Tgt Ion:142 Resp: 2487509

Ion Ratio Lower Upper

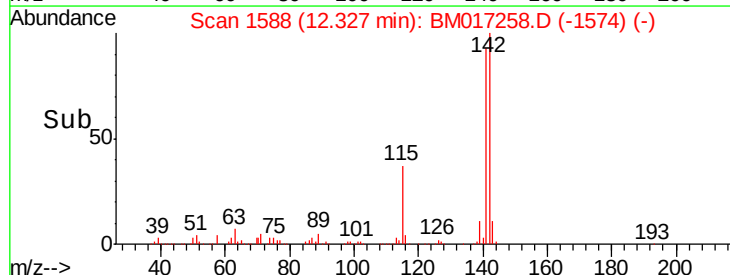
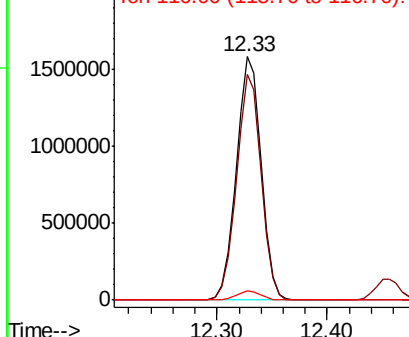
142 100

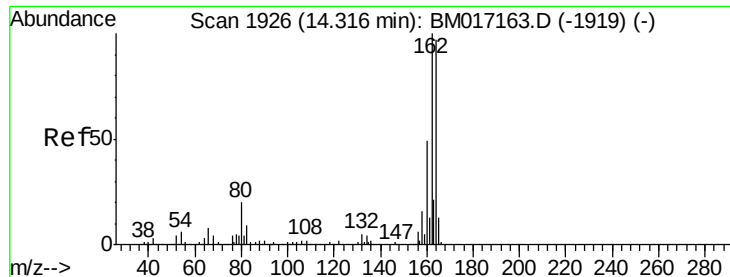
141 92.8 73.8 110.6

116 4.0 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

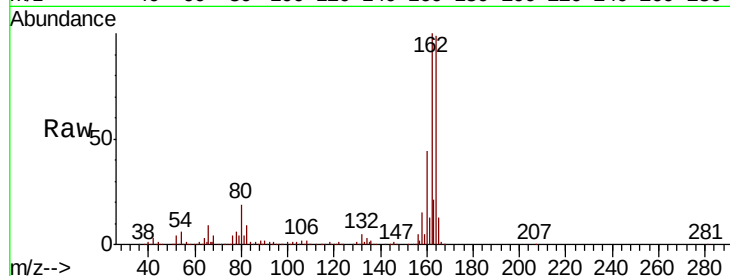
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 823163

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.1	123.1
160	44.4	40.2	60.2

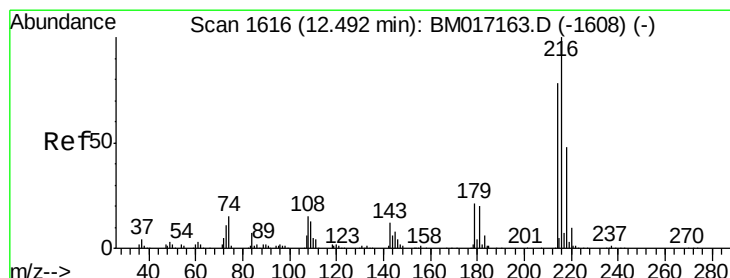
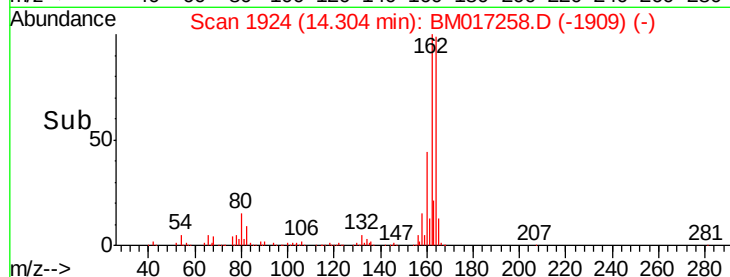
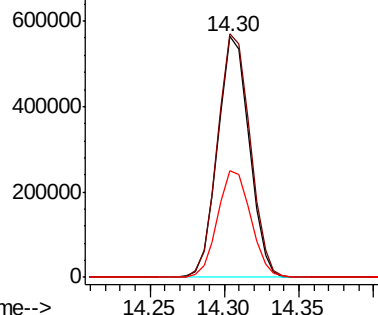


Abundance

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: 46.454 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion:216 Resp: 1346650

Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.6	93.8
179	21.1	16.6	24.8
108	20.0	13.5	20.3

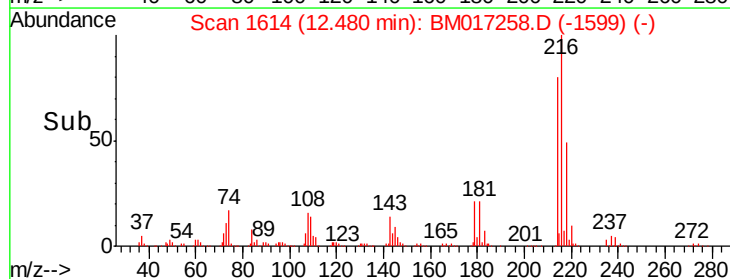
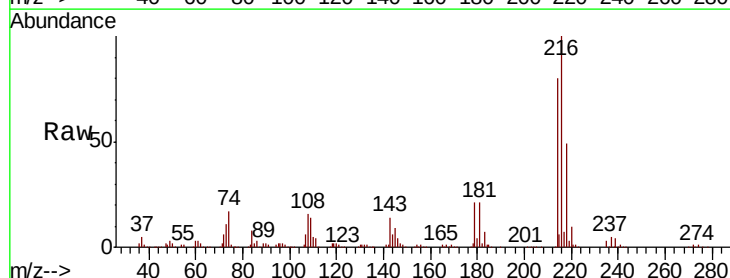
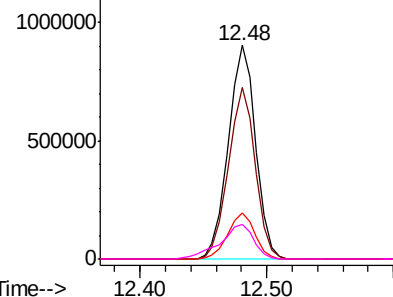
Abundance

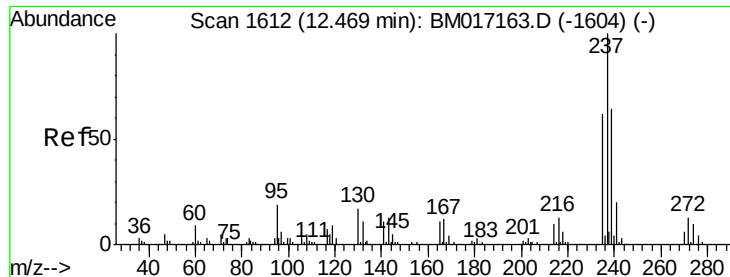
Ion 216.00 (215.70 to 216.70): E

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

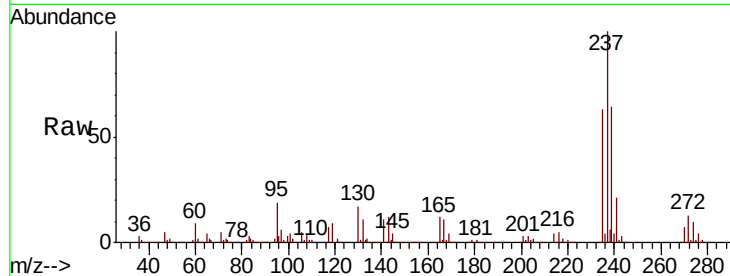




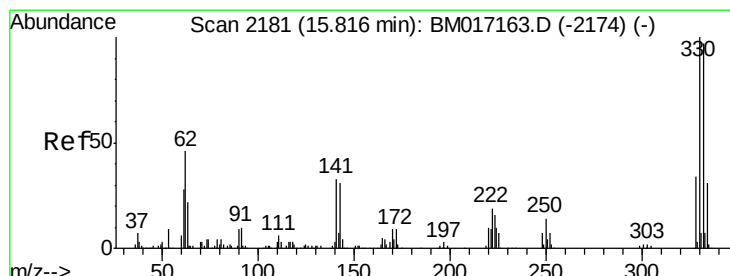
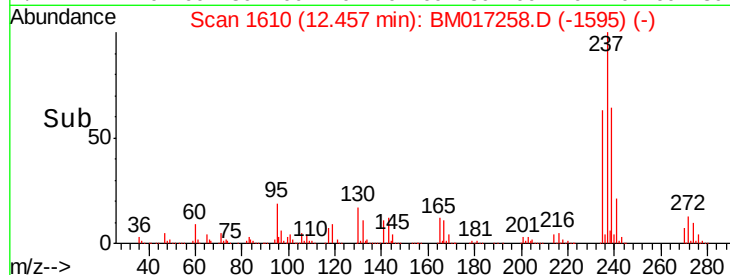
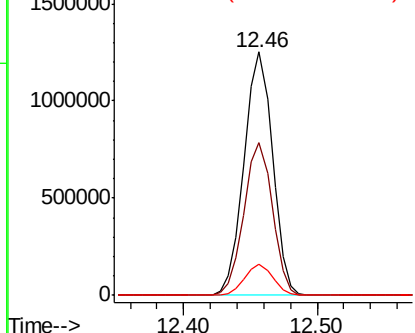
#41
Hexachlorocyclopentadiene
Concen: 131.778 ng
RT: 12.46 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 1846776
Ion Ratio Lower Upper
237 100
235 62.8 42.4 82.4
272 12.6 0.0 33.0

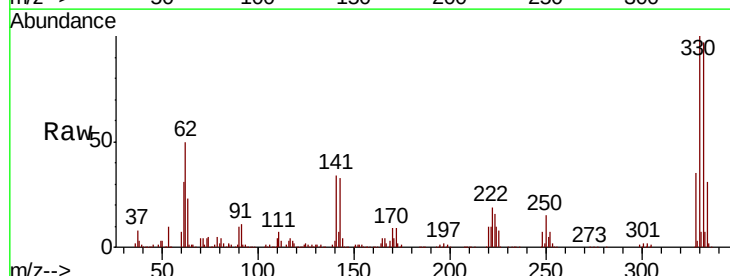


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

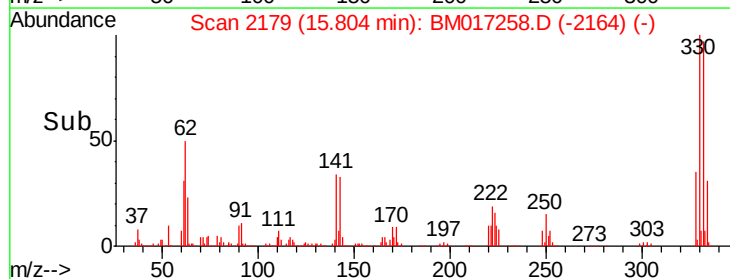
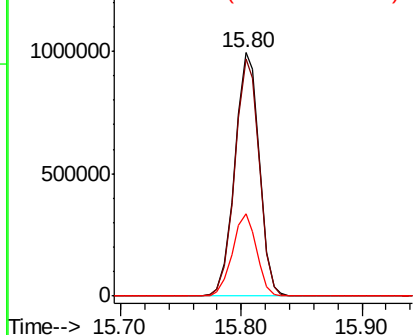


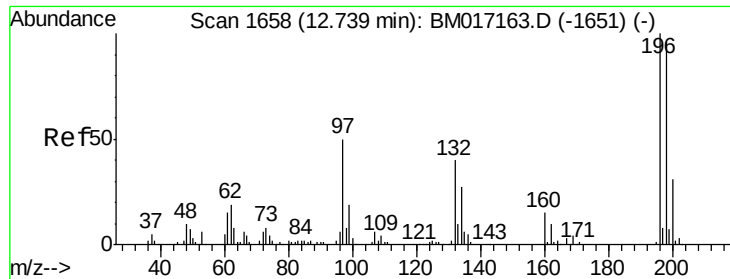
#42
2,4,6-Tribromophenol
Concen: 126.290 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:330 Resp: 1405866
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 33.4 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

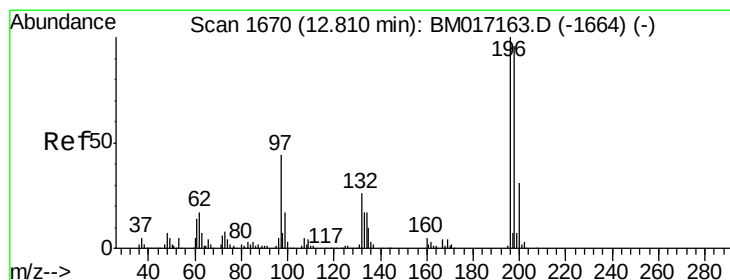
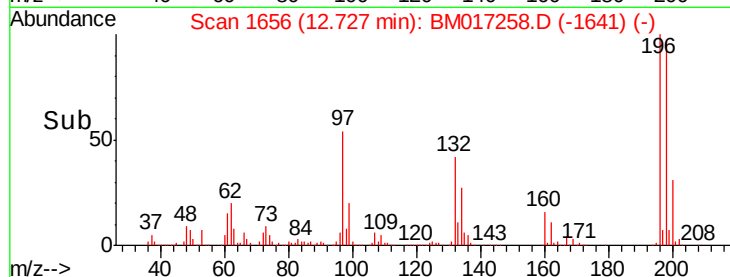
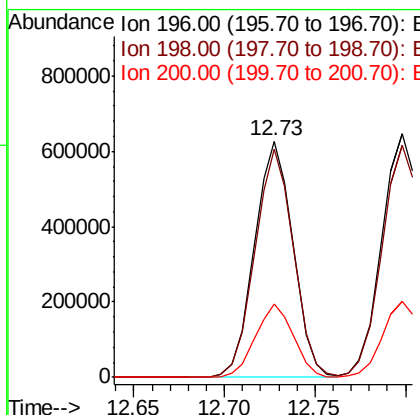
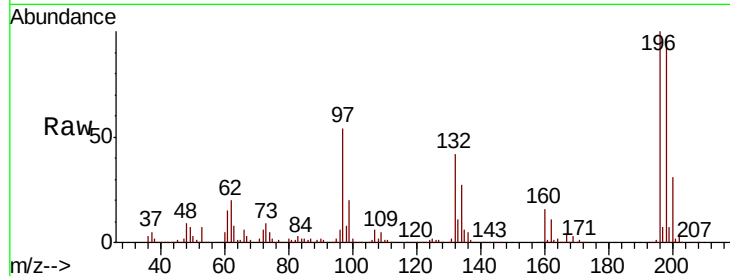




#43
 2,4,6-Trichlorophenol
 Concen: 54.988 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

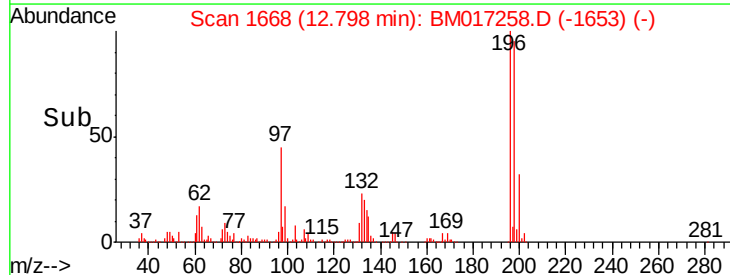
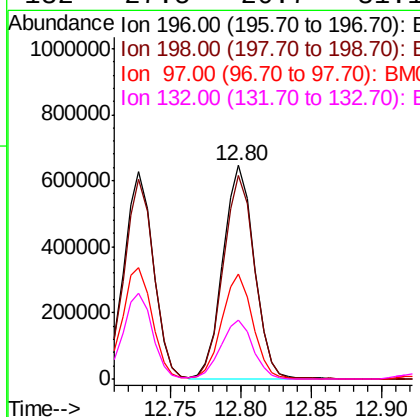
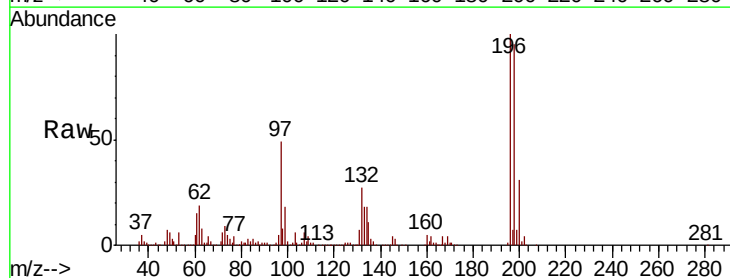
Instrument :
 BNA_M
 ClientSampled :

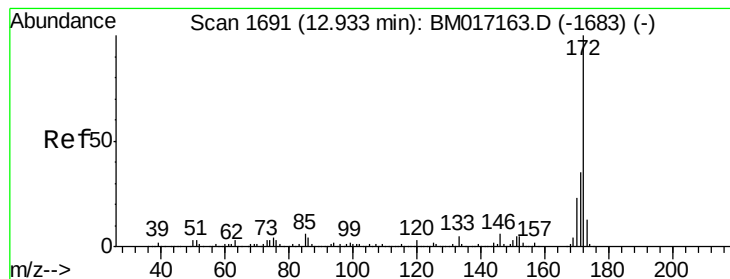
Tot Ion:196 Resp: 925344
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.1 115.7
 200 30.9 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 55.058 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:196 Resp: 993535
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.6 115.0
 97 49.0 35.5 53.3
 132 27.5 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 75.749 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

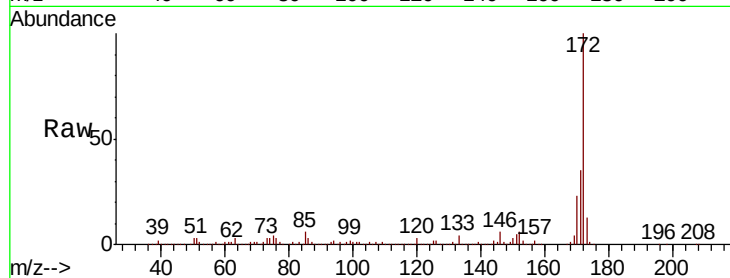
Tot Ion:172 Resp: 4686357

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

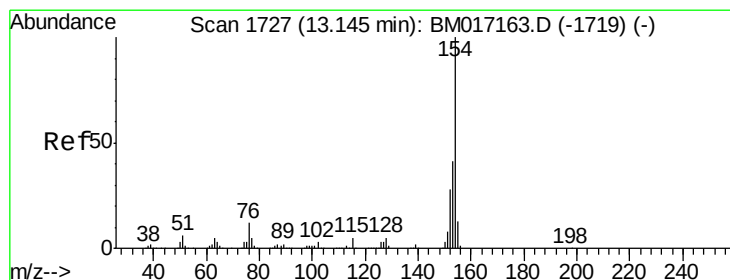
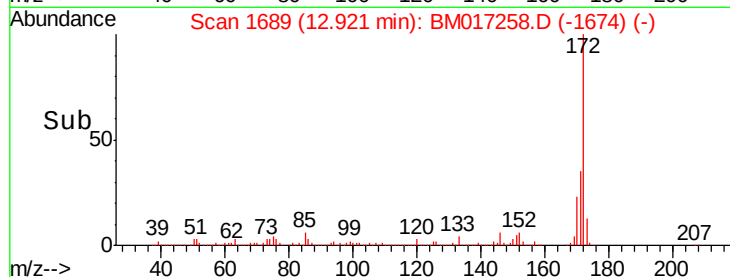
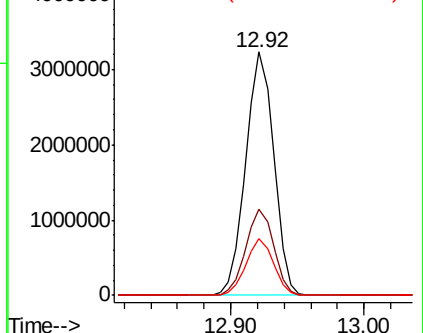
170 23.2 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 45.590 ng

RT: 13.13 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

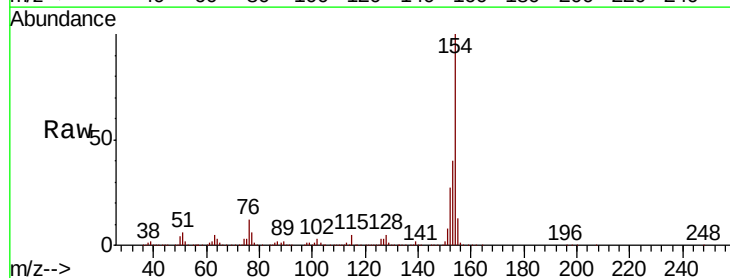
Tgt Ion:154 Resp: 3377160

Ion Ratio Lower Upper

154 100

153 40.2 20.5 60.5

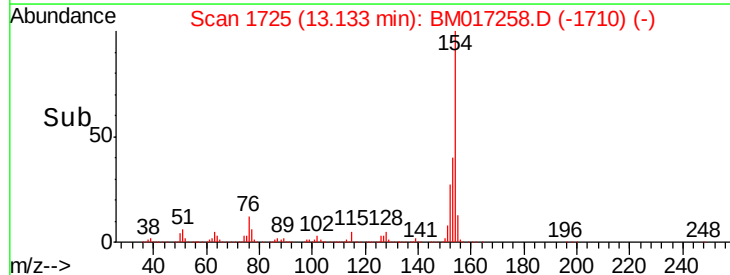
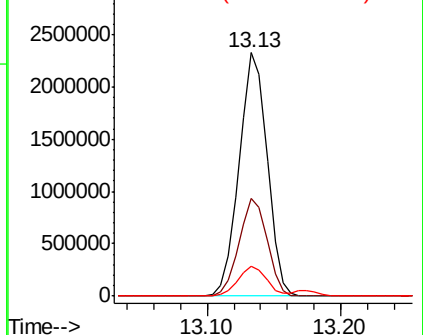
76 12.2 0.0 31.8

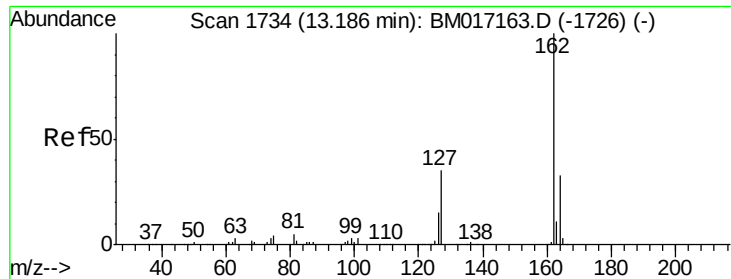


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

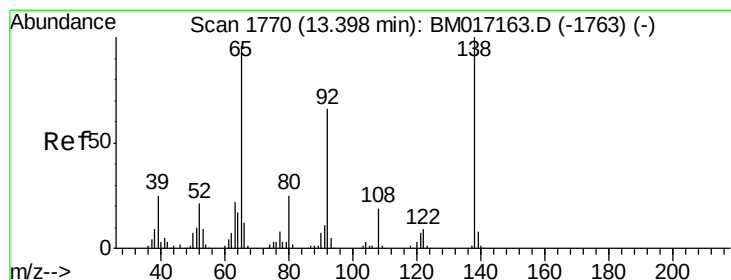
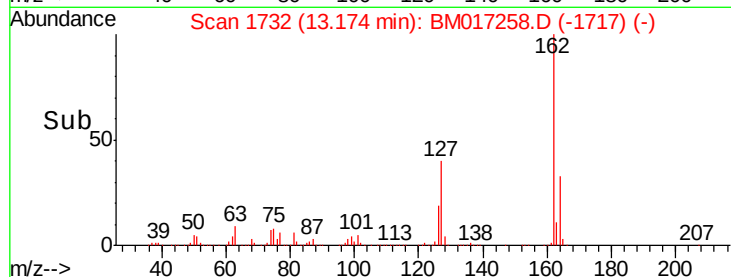
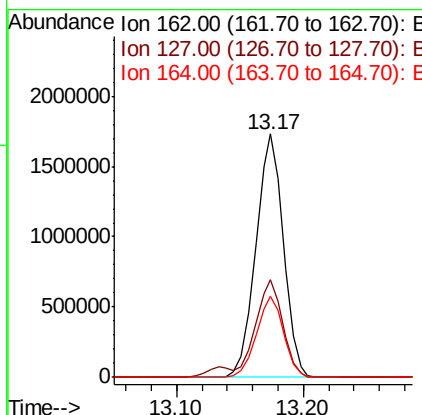
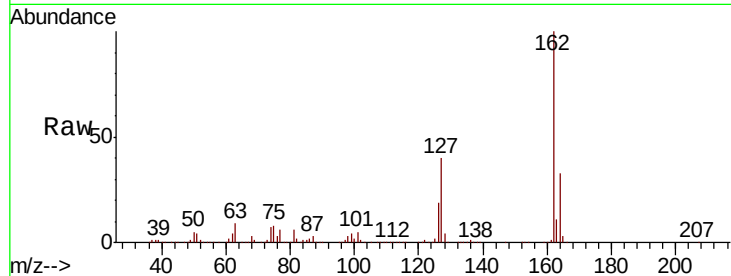




#47
 2-Chloronaphthalene
 Concen: 48.019 ng
 RT: 13.17 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

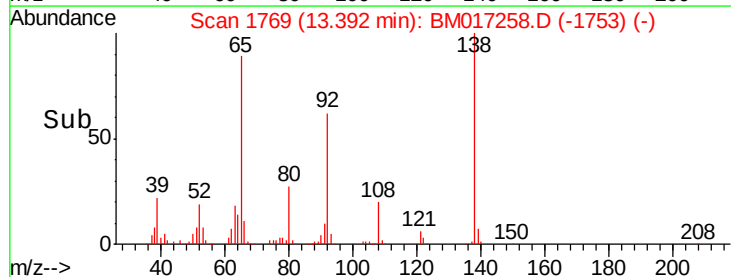
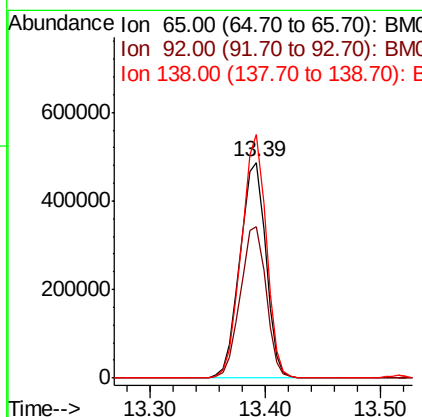
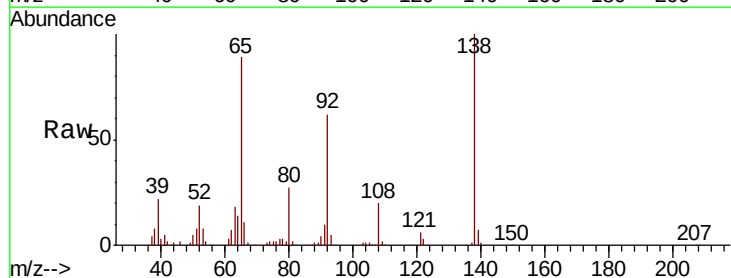
Instrument :
 BNA_M
 ClientSampled :

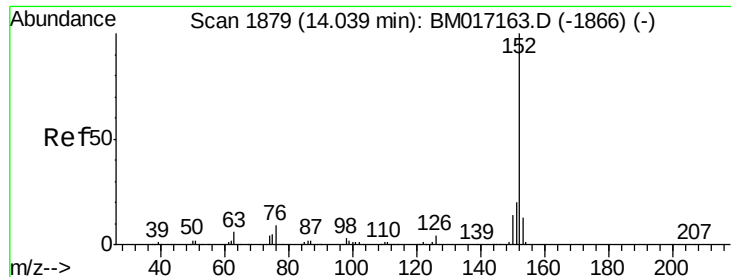
Tot Ion: 162 Resp: 2616832
 Ion Ratio Lower Upper
 162 100
 127 40.2 31.0 46.4
 164 33.2 26.6 39.8



#48
 2-Nitroaniline
 Concen: 49.366 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion: 65 Resp: 762864
 Ion Ratio Lower Upper
 65 100
 92 70.3 54.9 82.3
 138 112.8 83.7 125.5





#49

Acenaphthylene

Concen: 54.092 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

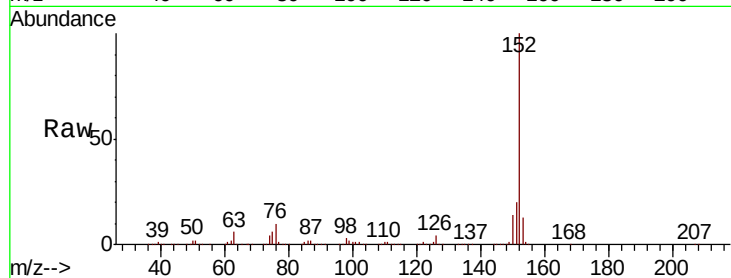
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 4272820

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.0	24.0
153	13.1	10.4	15.6

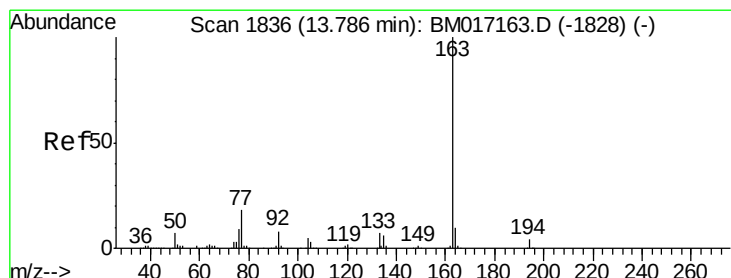
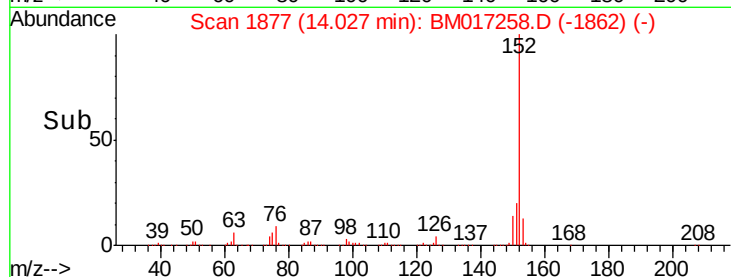
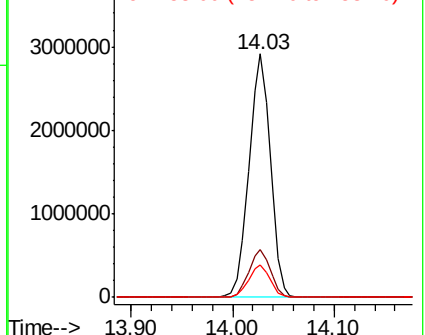


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.201 ng

RT: 13.78 min Scan# 1835

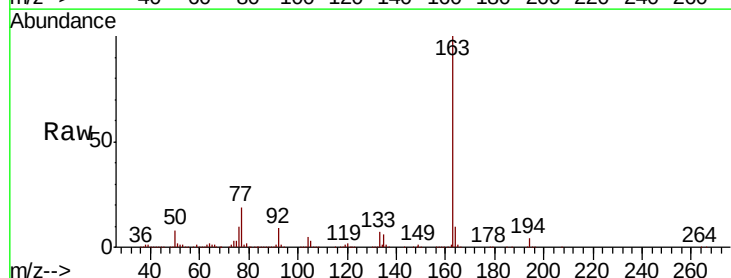
Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion:163 Resp: 3315181

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	7.8	11.8

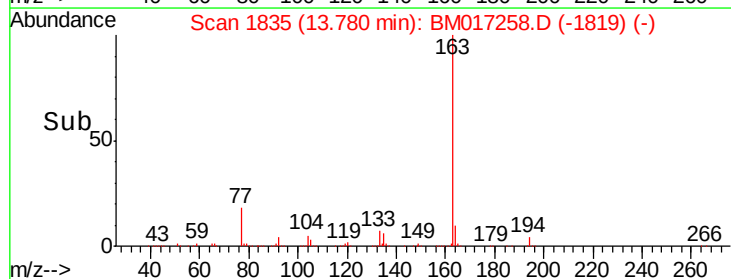
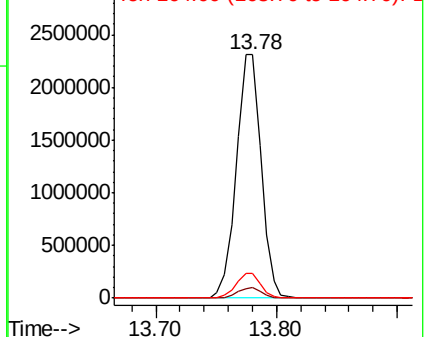


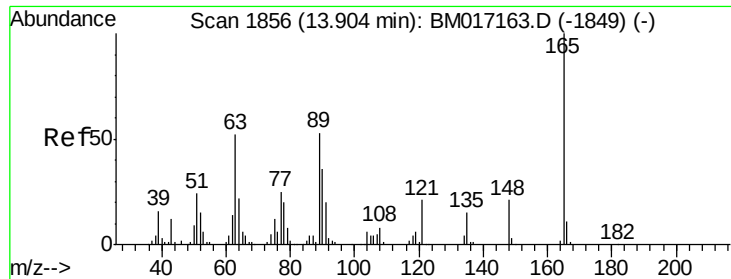
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 52.625 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

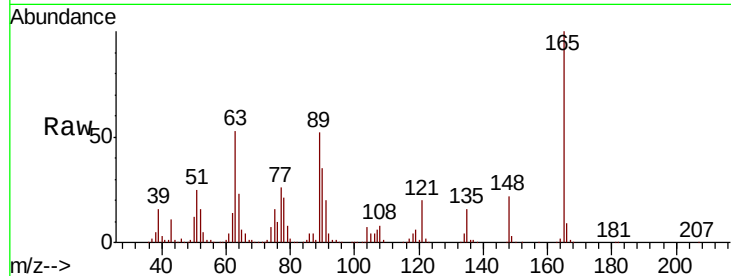
Tot Ion:165 Resp: 735579

Ion Ratio Lower Upper

165 100

63 52.6 42.7 64.1

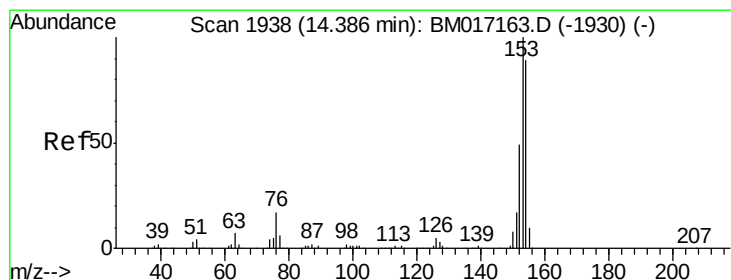
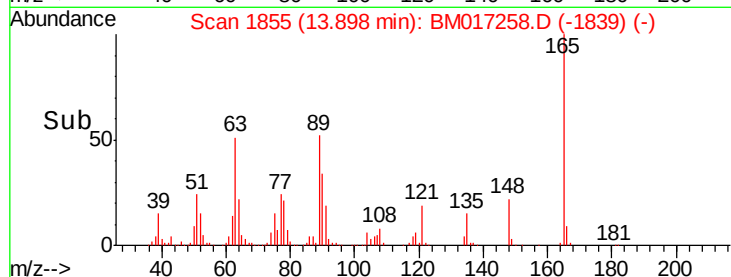
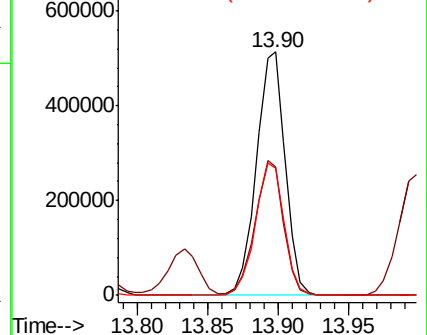
89 52.4 42.1 63.1



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: 50.528 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

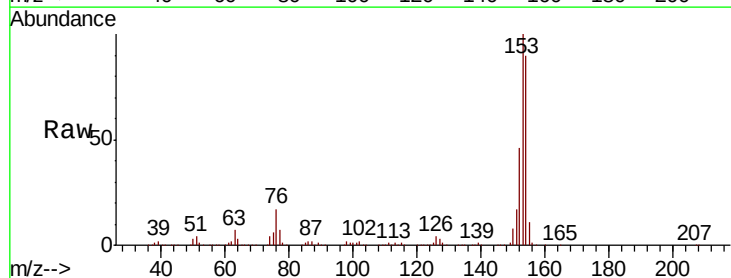
Tgt Ion:154 Resp: 2506006

Ion Ratio Lower Upper

154 100

153 111.7 90.2 135.2

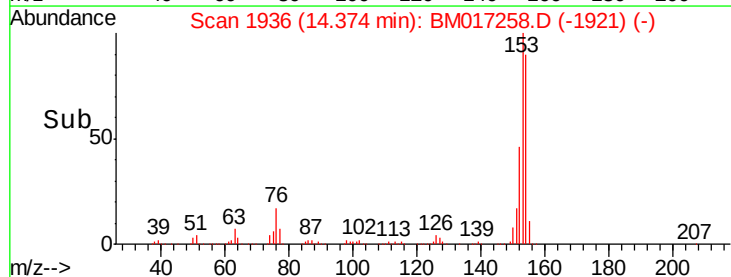
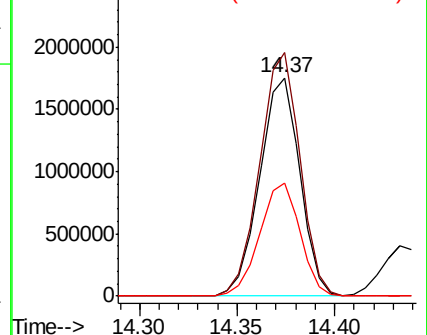
152 51.8 44.2 66.4

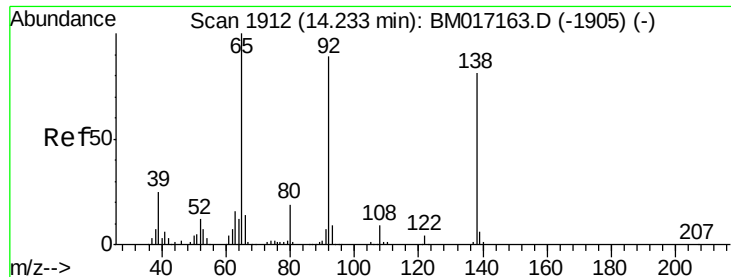


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

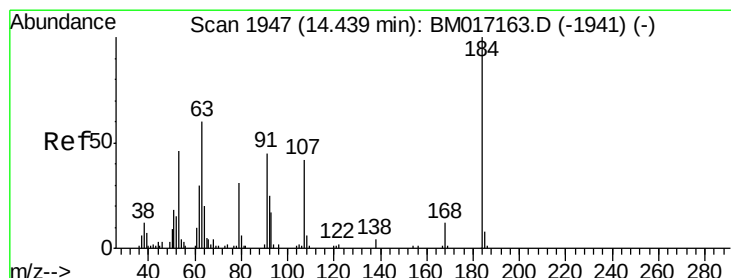
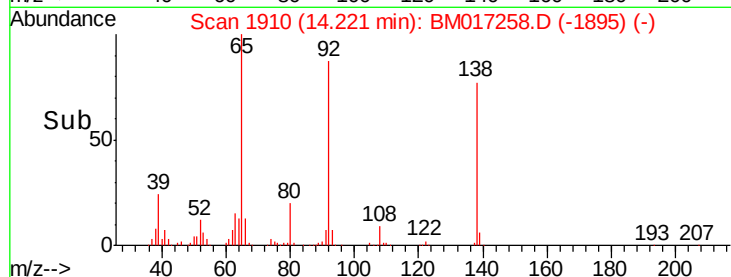
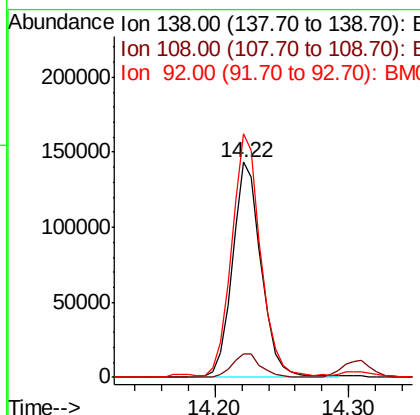
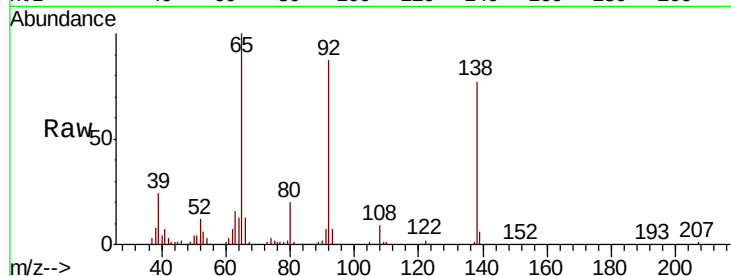




#53
3-Nitroaniline
Concen: 14.178 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

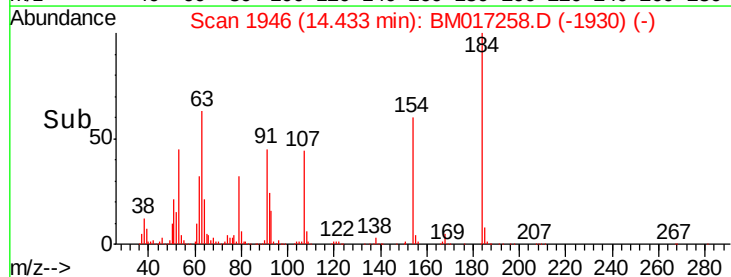
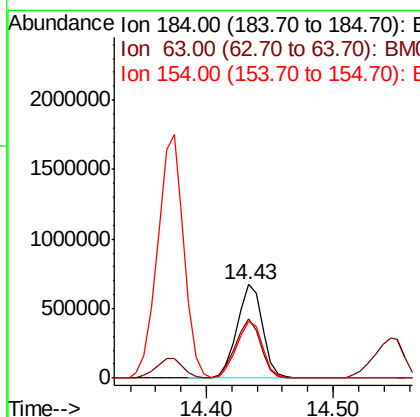
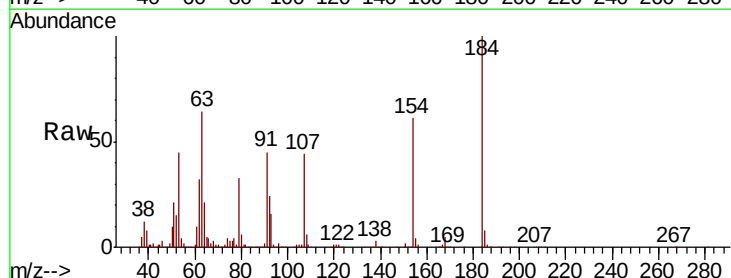
Instrument :
BNA_M
ClientSampleId :

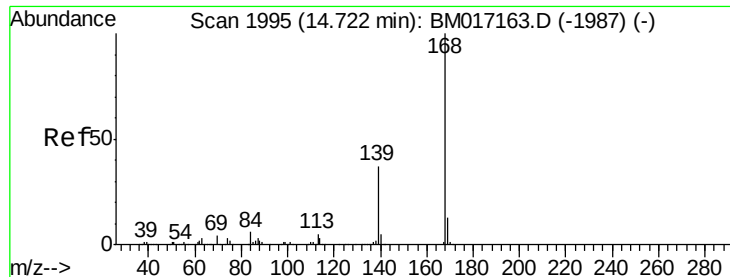
Tot Ion:138 Resp: 214633
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 113.2 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 110.976 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:184 Resp: 939121
Ion Ratio Lower Upper
184 100
63 63.6 51.2 76.8
154 60.6 47.8 71.8

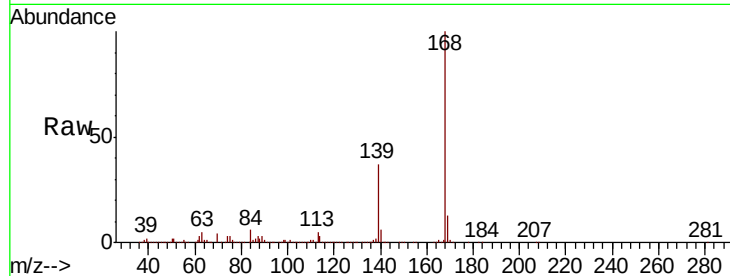




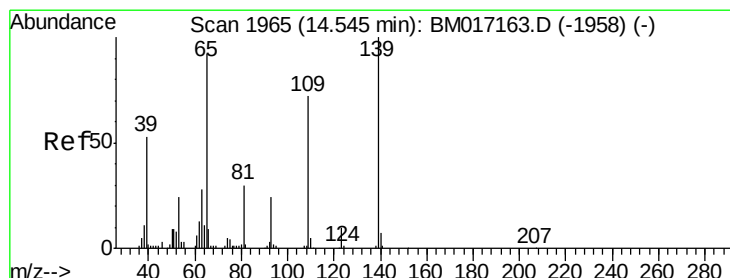
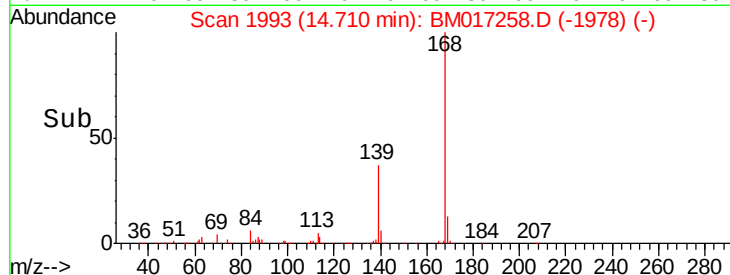
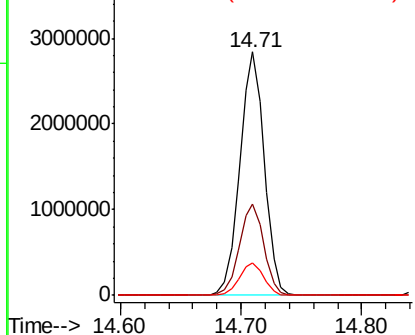
#55
Dibenzofuran
Concen: 48.344 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 3987242
Ion Ratio Lower Upper
168 100
139 37.4 29.3 43.9
169 13.3 10.6 15.8

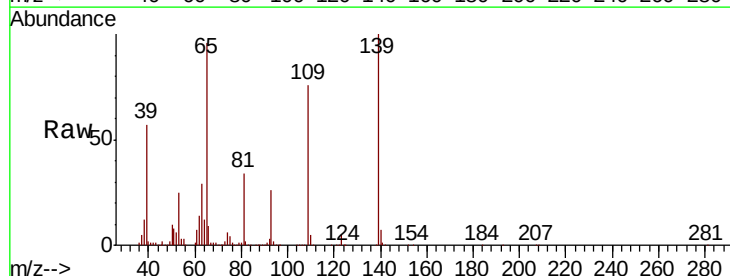


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

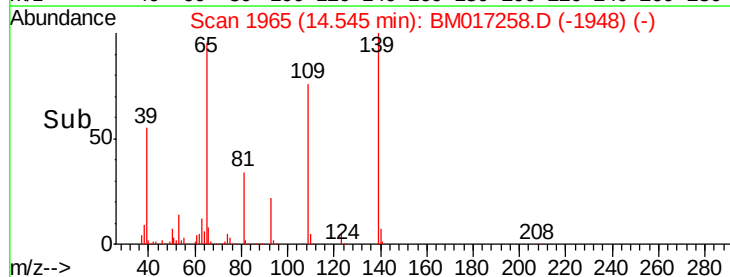
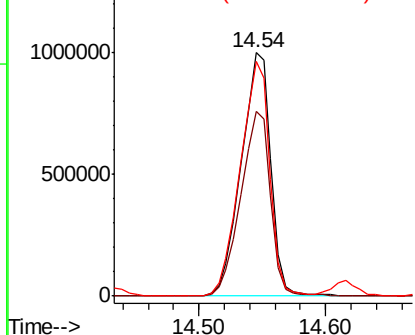


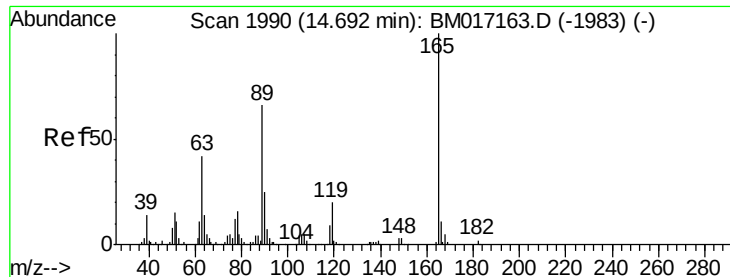
#56
4-Nitrophenol
Concen: 115.433 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:139 Resp: 1623266
Ion Ratio Lower Upper
139 100
109 75.7 51.8 91.8
65 96.5 72.1 112.1



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

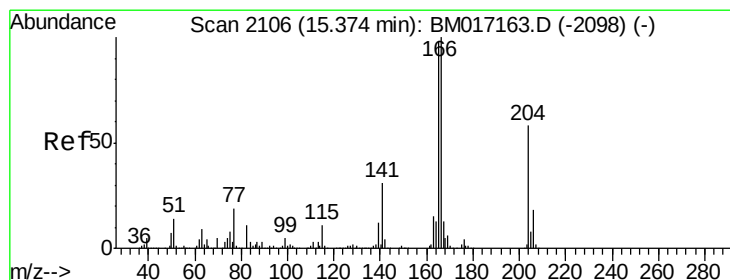
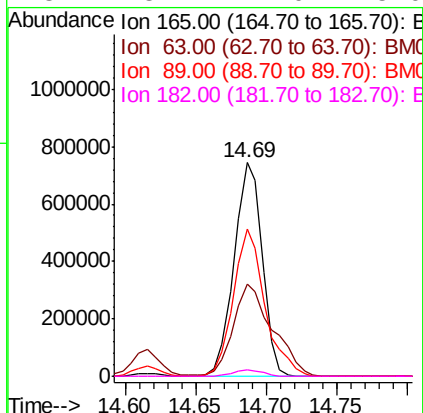
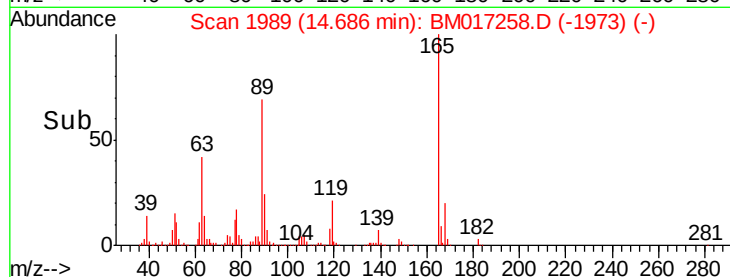
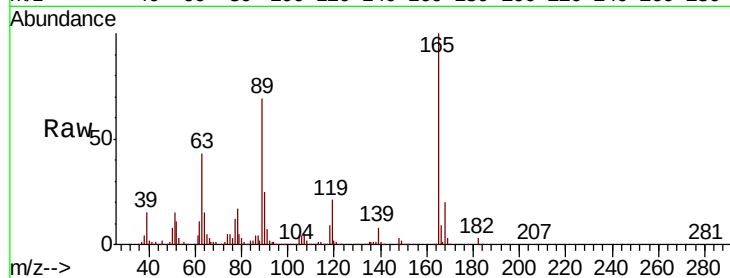




#57
 2,4-Dinitrotoluene
 Concen: 54.963 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

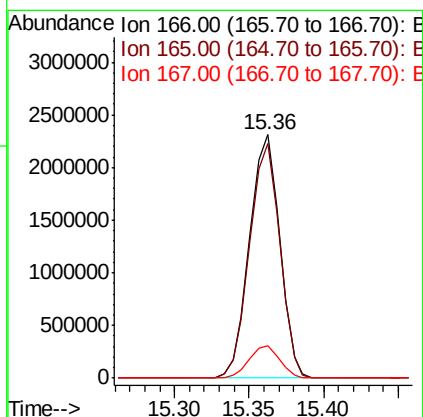
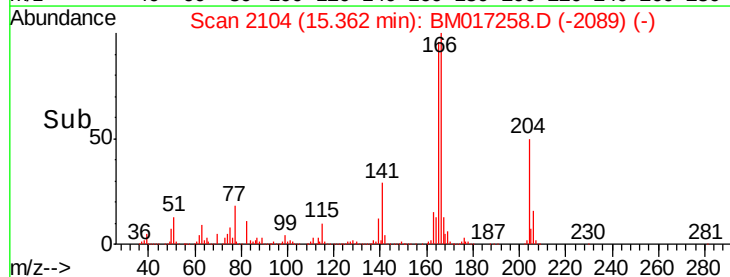
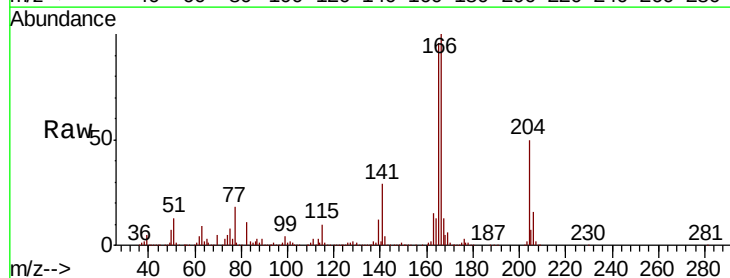
Instrument :
 BNA_M
 ClientSampled :

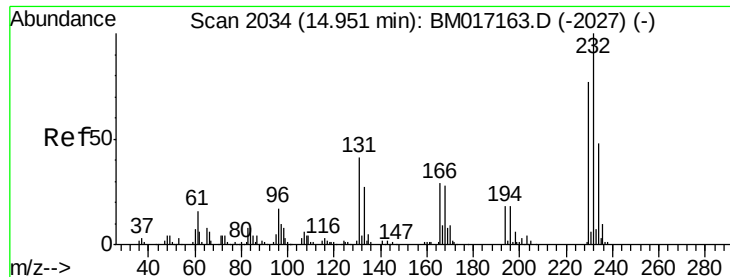
Tot Ion:165 Resp: 1032568
 Ion Ratio Lower Upper
 165 100
 63 43.1 33.8 50.8
 89 68.8 53.1 79.7
 182 3.1 2.0 3.0#



#58
 Fluorene
 Concen: 52.906 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:166 Resp: 3229825
 Ion Ratio Lower Upper
 166 100
 165 96.3 78.1 117.1
 167 13.3 10.6 16.0

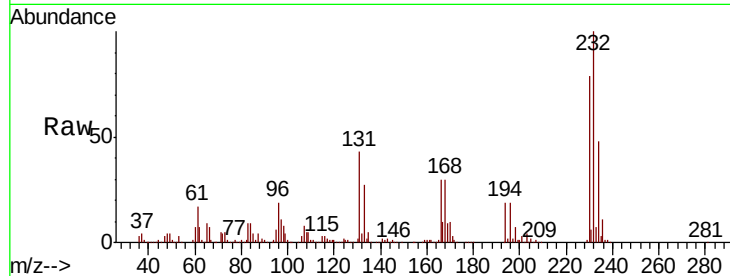




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.762 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	33.1	49.7
130	2.2	1.7	2.5
166	31.0	24.4	36.6



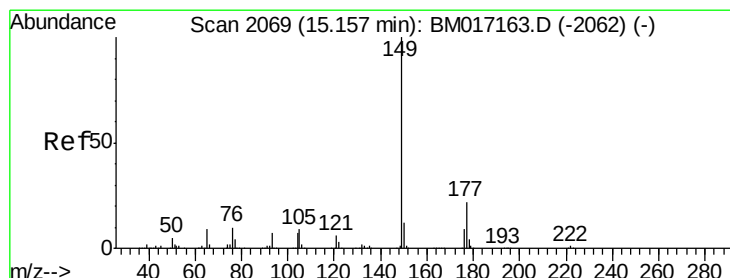
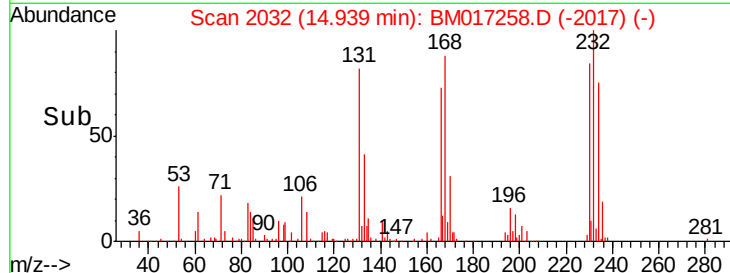
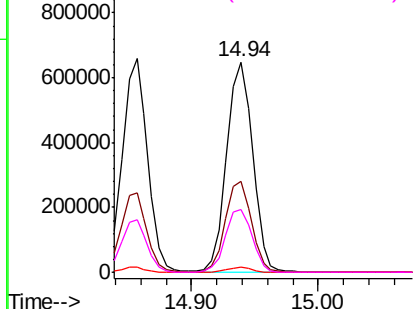
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

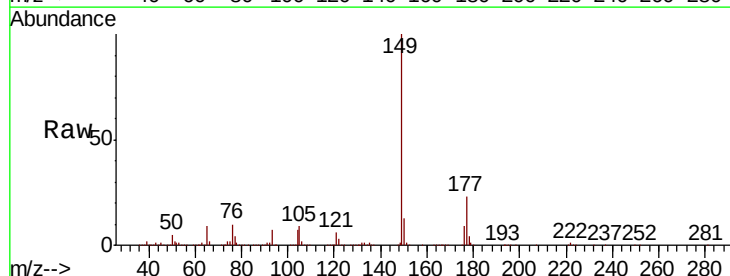
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 52.939 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.7	26.5
150	12.6	10.0	15.0

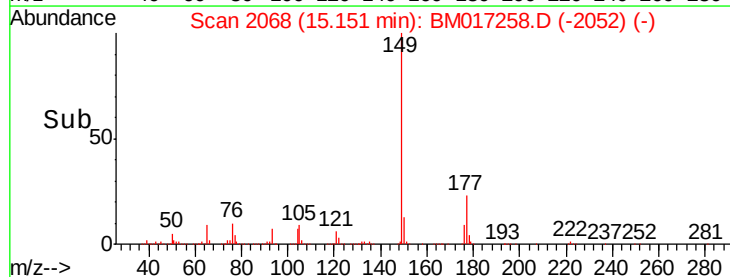
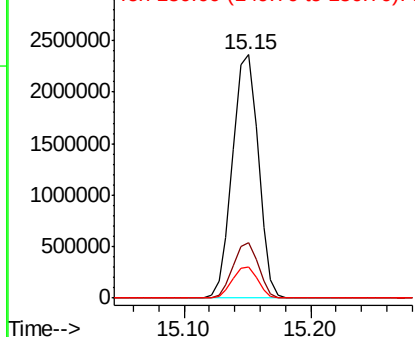


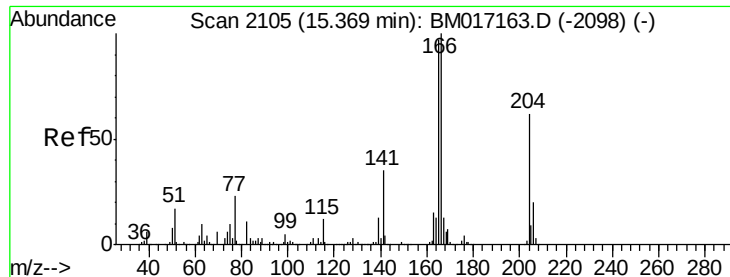
Abundance

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

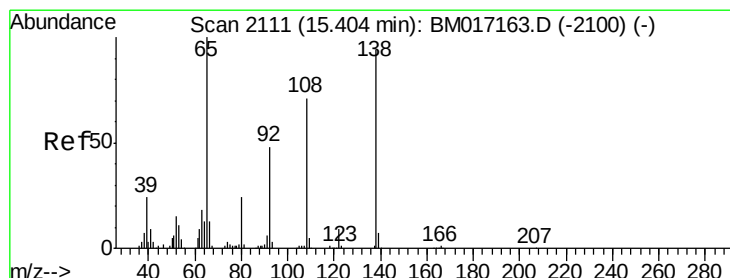
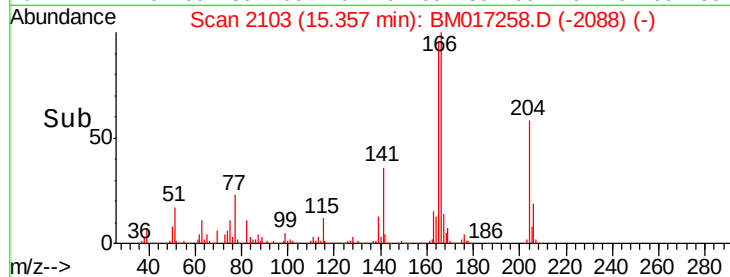
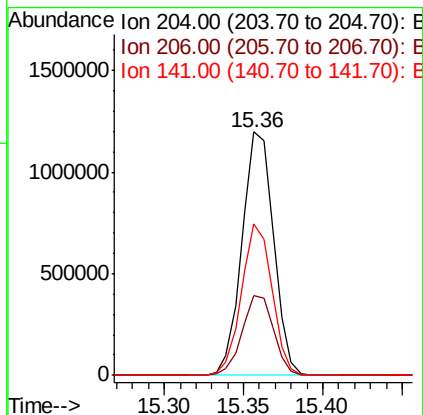
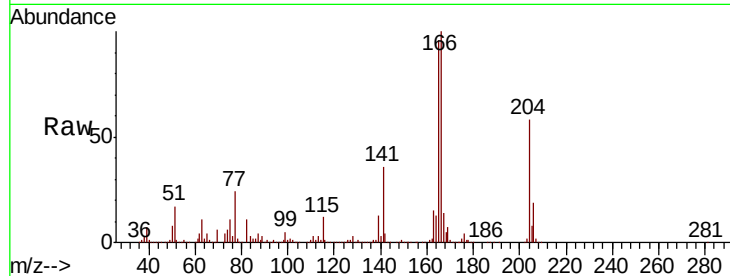




#61
4-Chlorophenyl-phenylether
Concen: 47.630 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

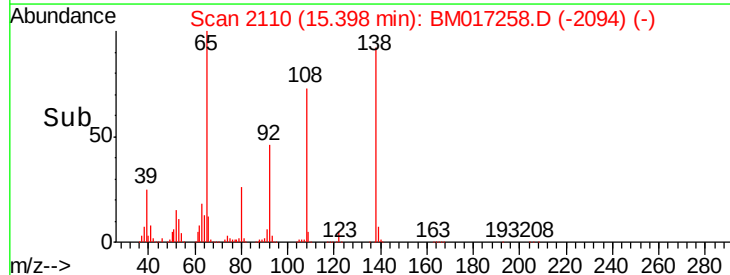
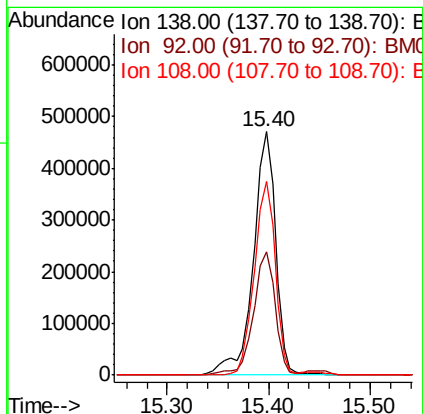
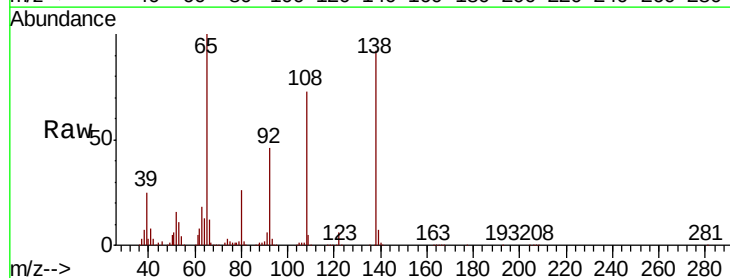
Instrument :
BNA_M
ClientSampled :

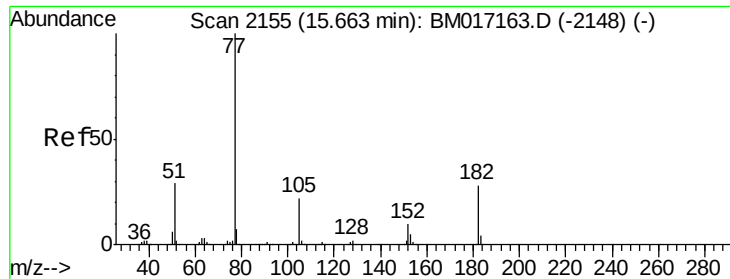
Tot Ion:204 Resp: 1657671
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 62.1 45.4 68.2



#62
4-Nitroaniline
Concen: 43.416 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:138 Resp: 724980
Ion Ratio Lower Upper
138 100
92 50.7 31.2 71.2
108 79.4 55.5 95.5





#63

Azobenzene

Concen: 51.139 ng

RT: 15.65 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

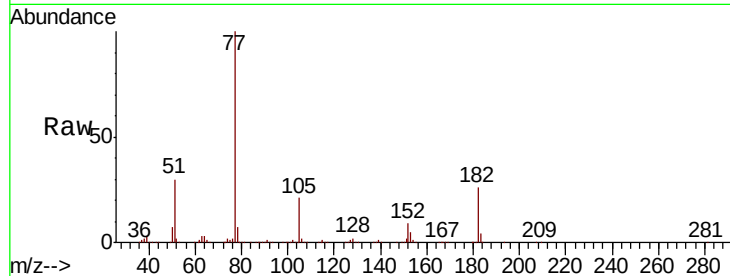
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 3130570

Ion	Ratio	Lower	Upper
77	100		
182	26.4	8.3	48.3
105	21.0	1.5	41.5
51	30.0	8.8	48.8

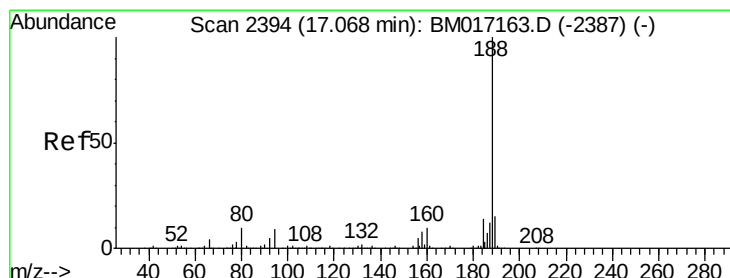
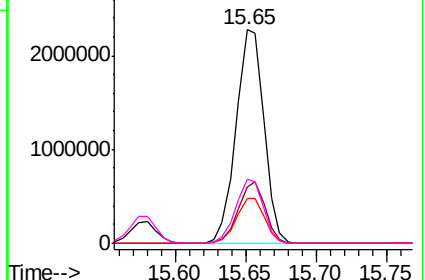
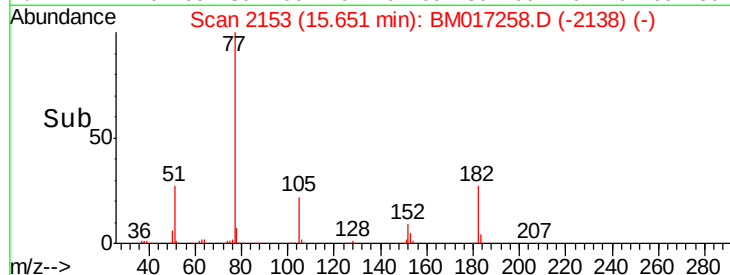


Abundance Ion 77.00 (76.70 to 77.70): BM017258.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017258.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017258.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017258.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

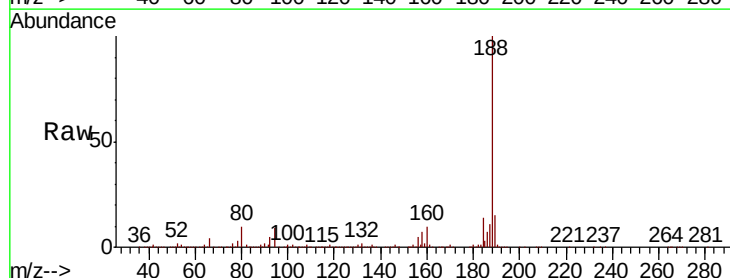
Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion: 188 Resp: 1827709

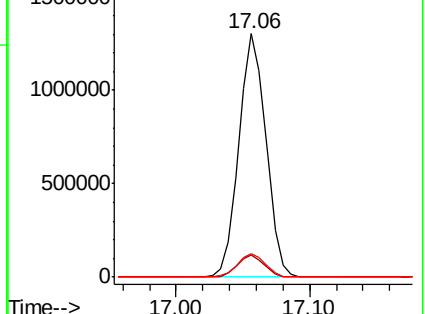
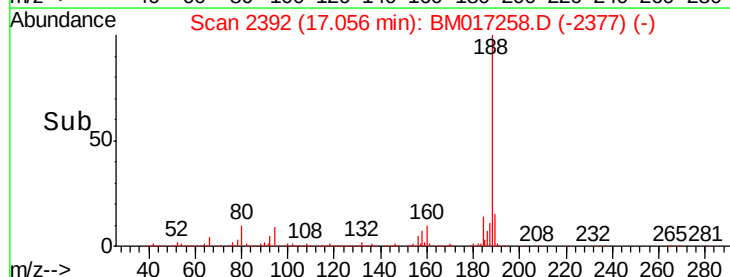
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.9	7.7	11.5

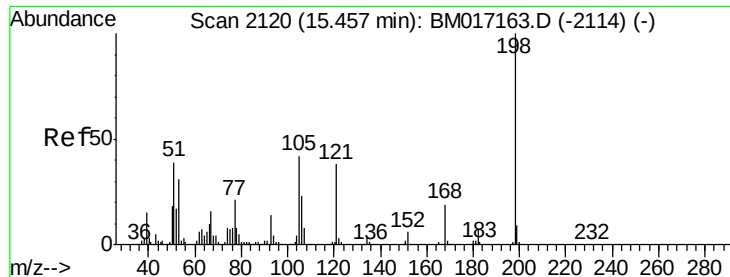


Abundance Ion 188.00 (187.70 to 188.70): BM017258.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017258.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017258.D (-2377) (-)

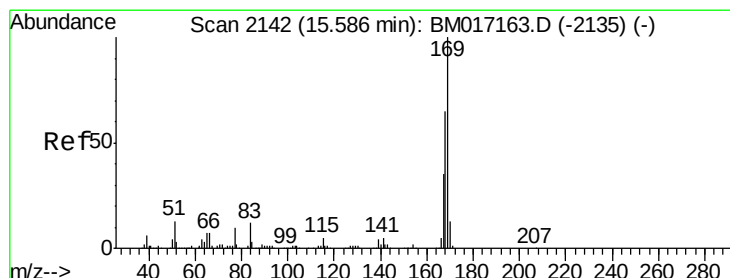
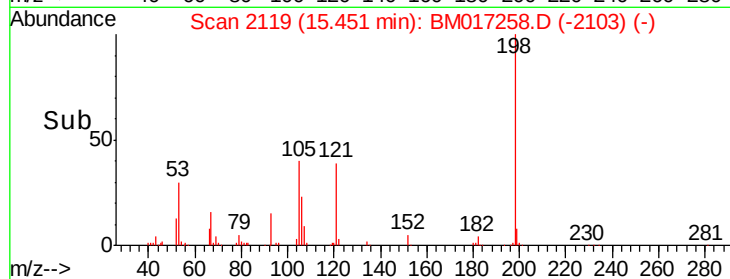
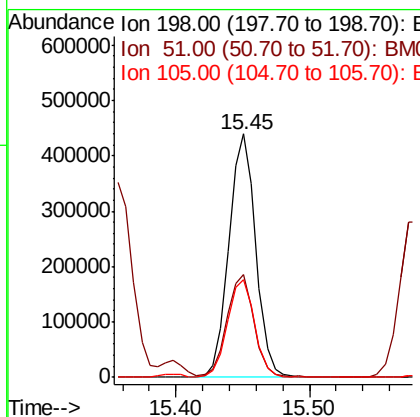
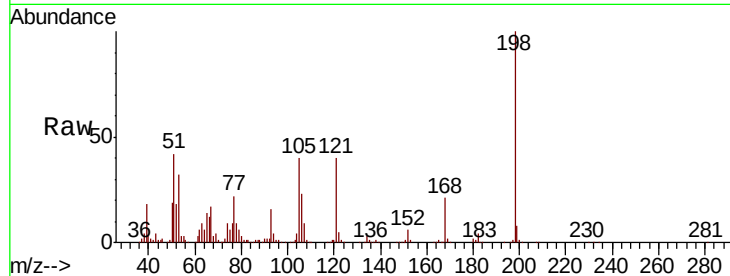




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.982 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

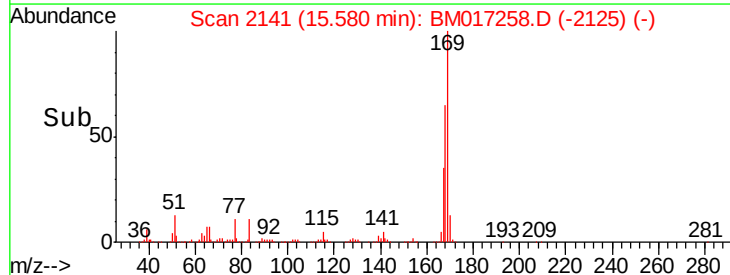
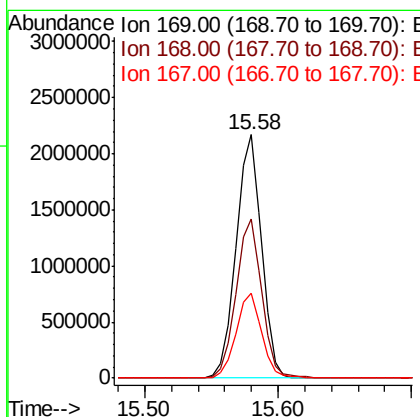
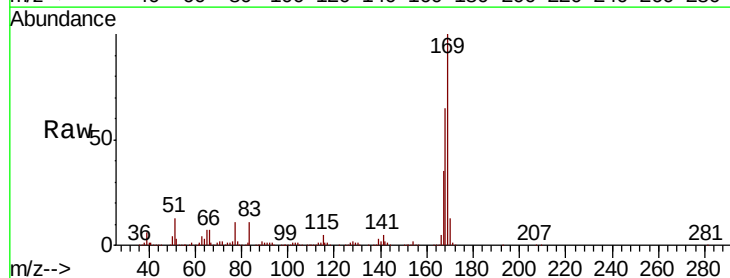
Instrument :
 BNA_M
 ClientSampled :

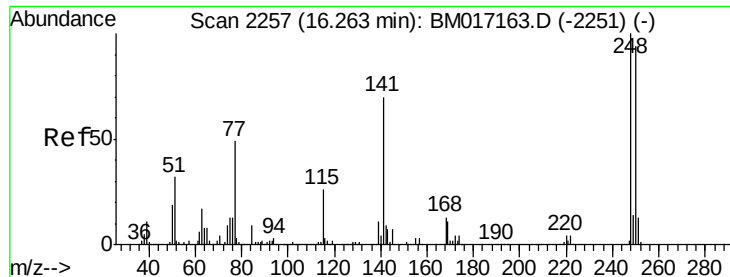
Tot Ion	198	Resp	618079
Ion Ratio	100	Lower	Upper
51	42.2	20.3	60.3
105	40.1	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 51.689 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion	169	Resp	2858242
Ion Ratio	100	Lower	Upper
168	65.4	52.2	78.4
167	34.8	28.4	42.6

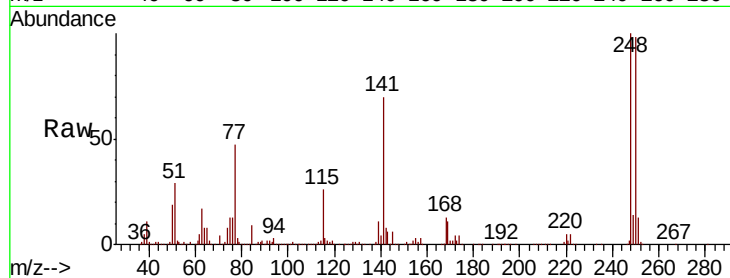




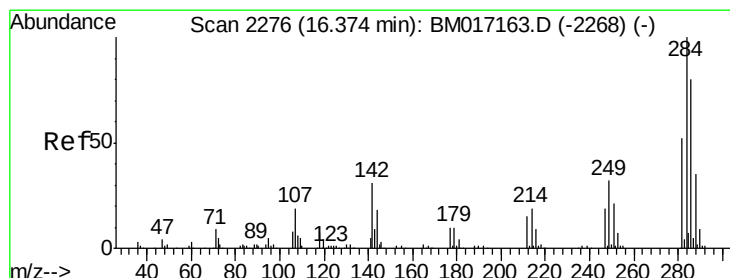
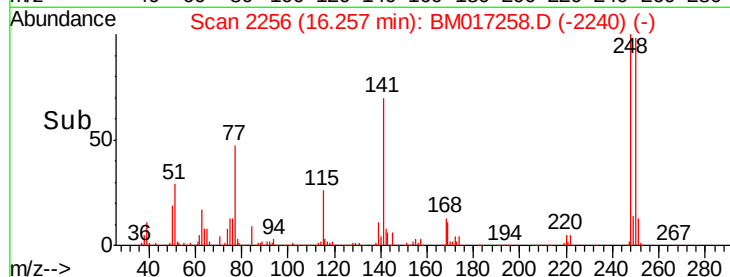
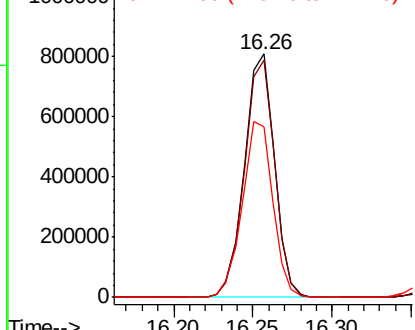
#67
4-Bromophenyl-phenylether
Concen: 53.212 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 1067877
Ion Ratio Lower Upper
248 100
250 97.7 75.1 112.7
141 70.1 55.6 83.4

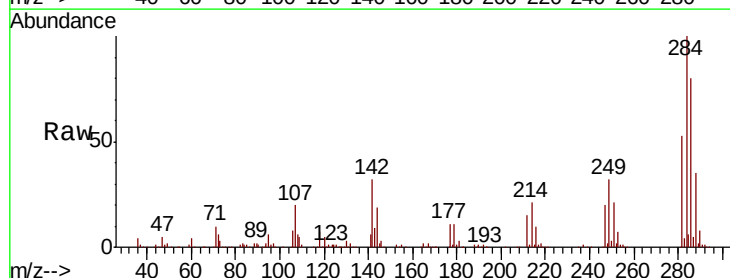


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

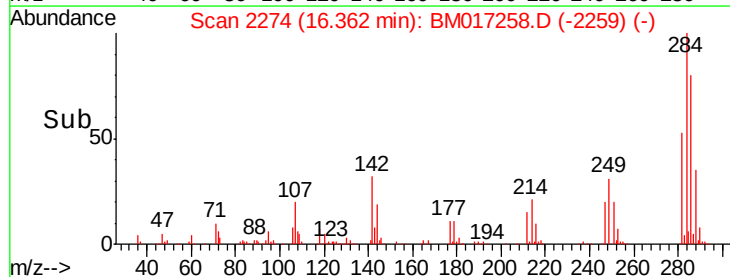
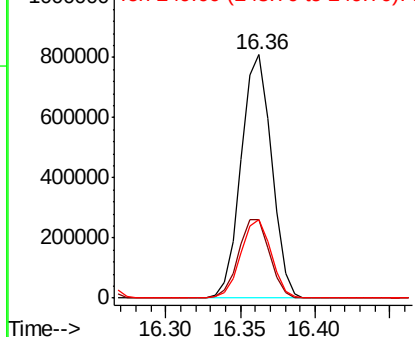


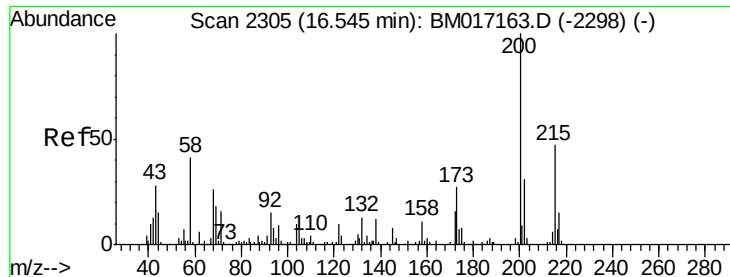
#68
Hexachlorobenzene
Concen: 49.160 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:284 Resp: 1145998
Ion Ratio Lower Upper
284 100
142 32.2 25.0 37.6
249 32.2 25.5 38.3



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





#69

Atrazine

Concen: 52.484 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampled :

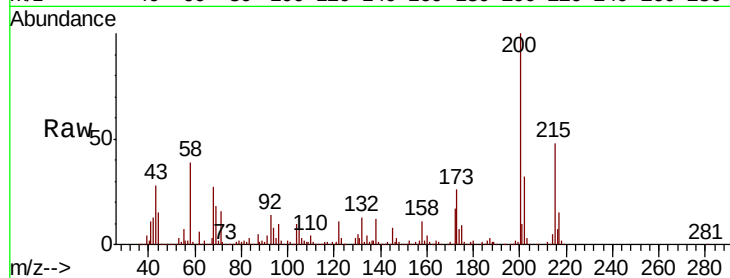
Tot Ion:200 Resp: 1038707

Ion Ratio Lower Upper

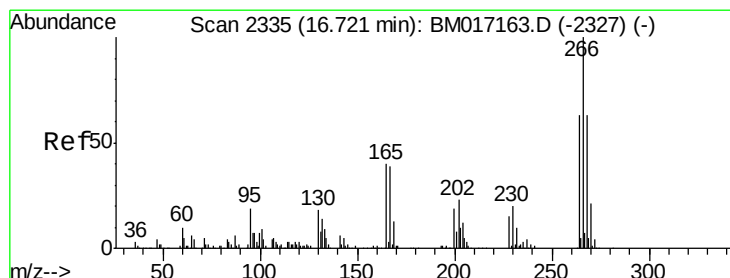
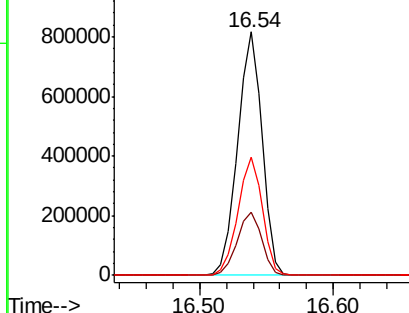
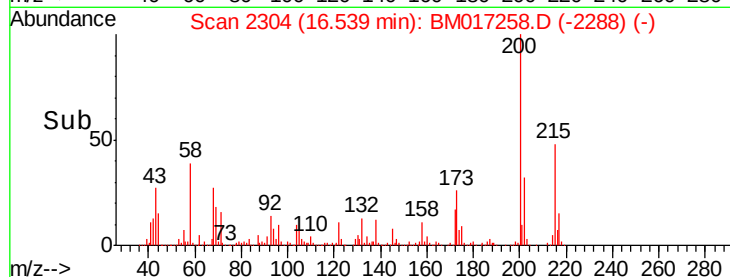
200 100

173 26.1 7.0 47.0

215 48.4 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: 87.051 ng

RT: 16.71 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

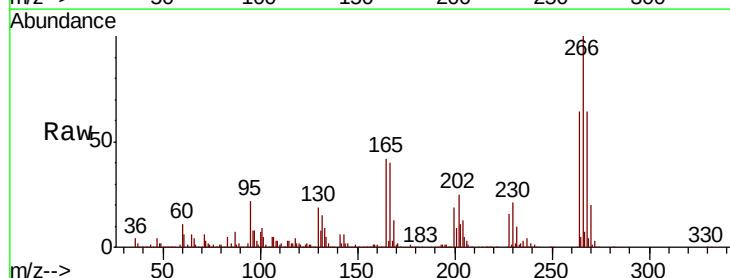
Tgt Ion:266 Resp: 1390121

Ion Ratio Lower Upper

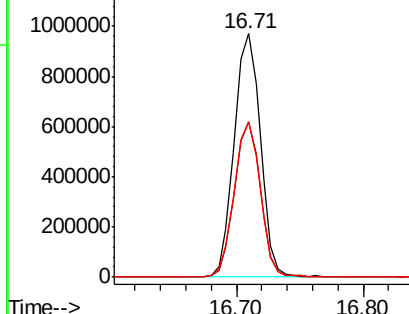
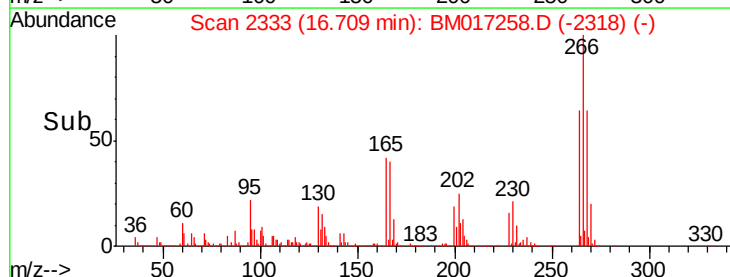
266 100

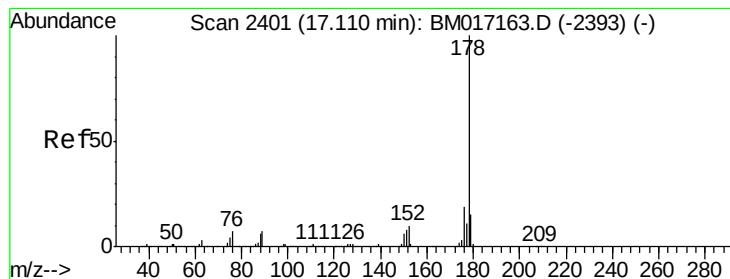
268 63.7 50.7 76.1

264 63.7 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: 51.384 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampled :

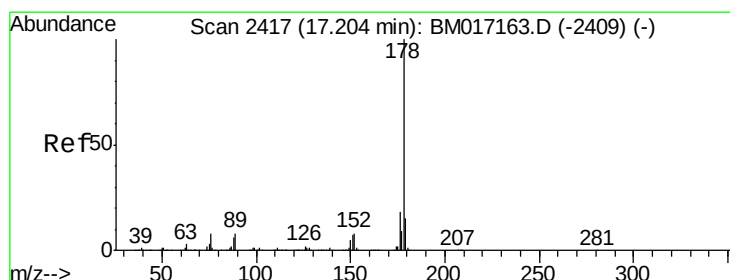
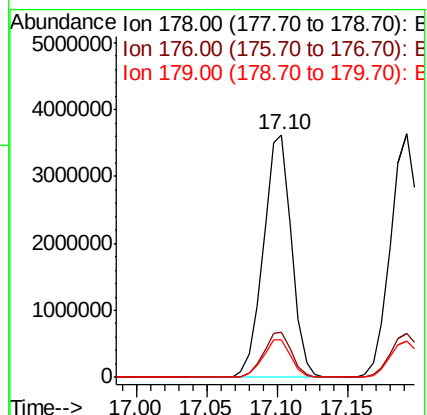
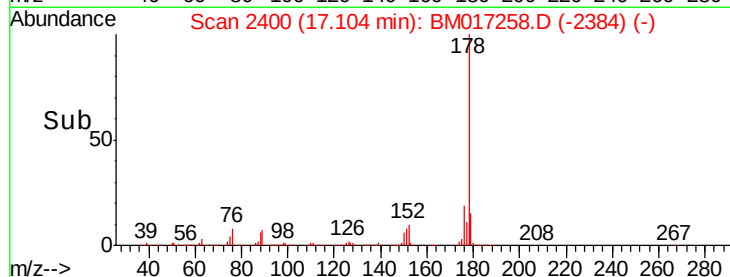
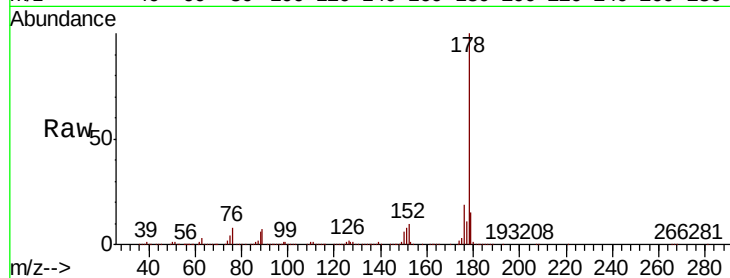
Tot Ion:178 Resp: 5066995

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.3 12.3 18.5



#72

Anthracene

Concen: 54.978 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

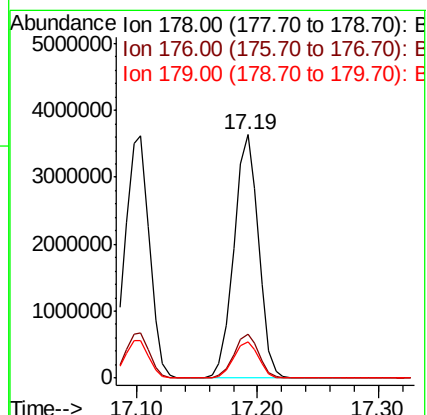
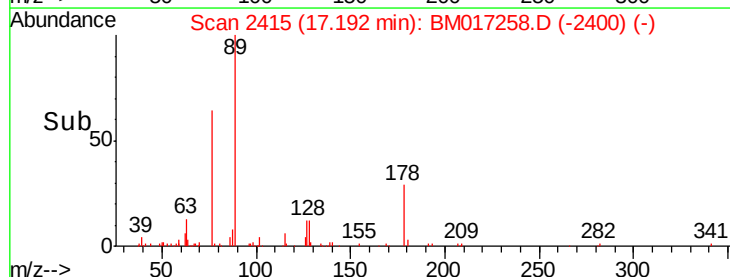
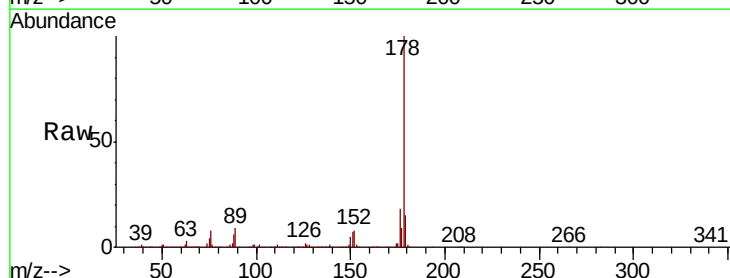
Tgt Ion:178 Resp: 5151342

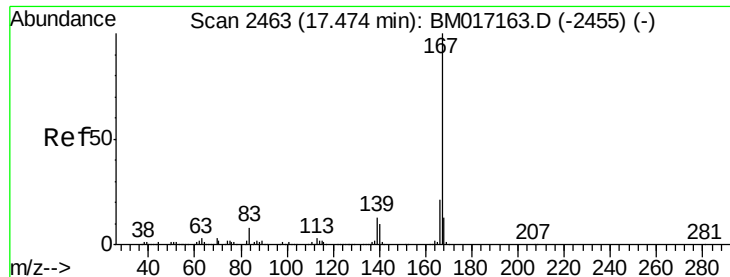
Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

179 15.1 12.2 18.2





#73

Carbazole

Concen: 47.673 ng

RT: 17.47 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

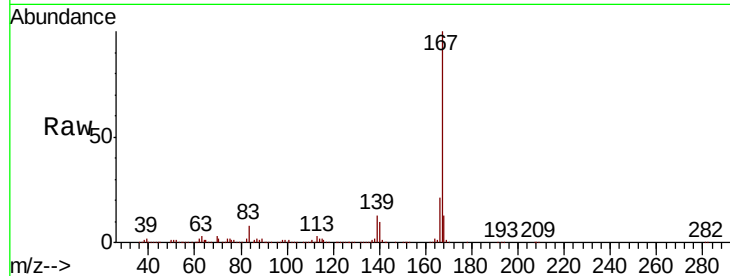
Tot Ion:167 Resp: 4562926

Ion Ratio Lower Upper

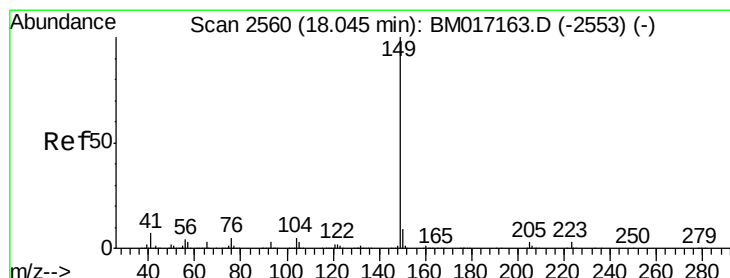
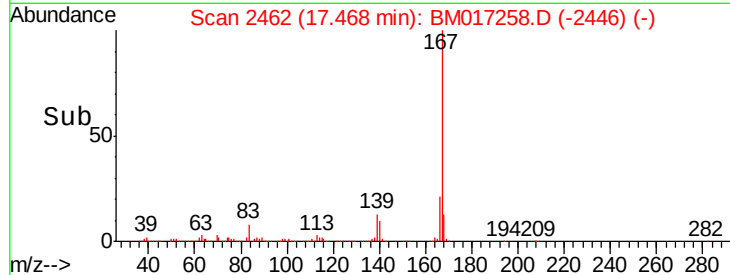
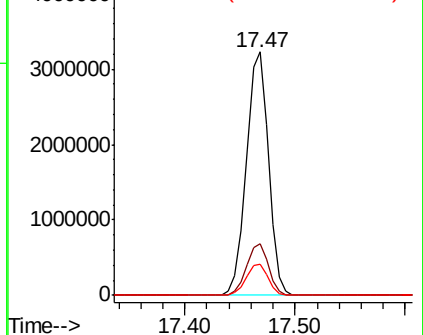
167 100

166 21.3 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: 54.549 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

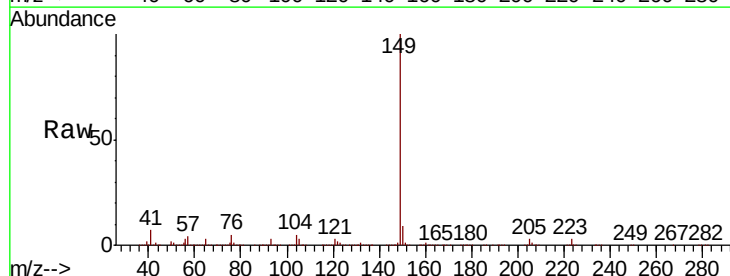
Tgt Ion:149 Resp: 5506745

Ion Ratio Lower Upper

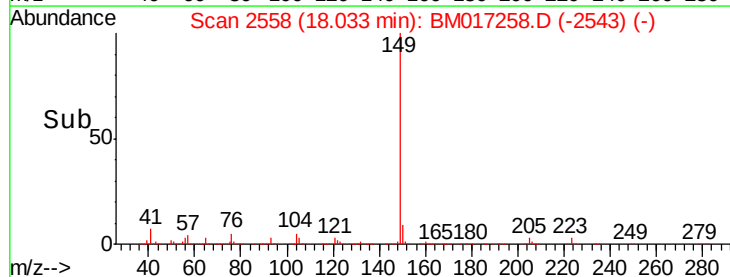
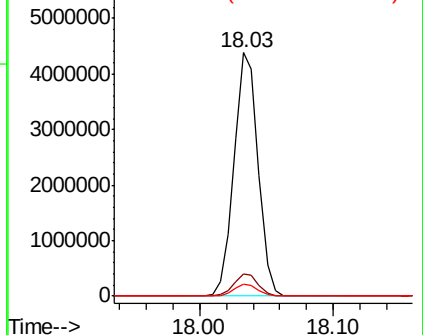
149 100

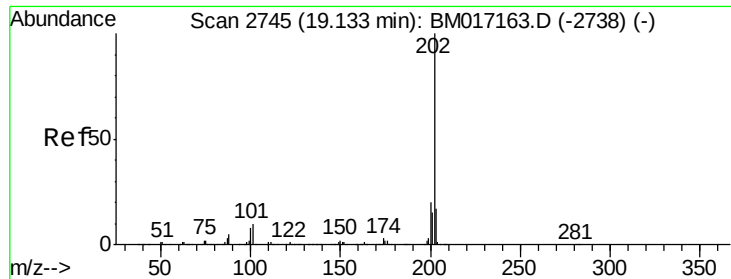
150 9.2 7.4 11.0

104 5.0 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: 50.729 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

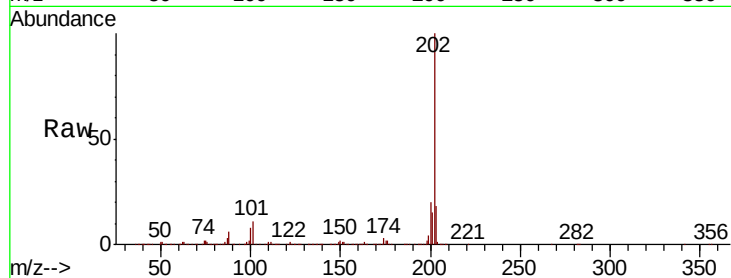
Tot Ion:202 Resp: 5629033

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.0

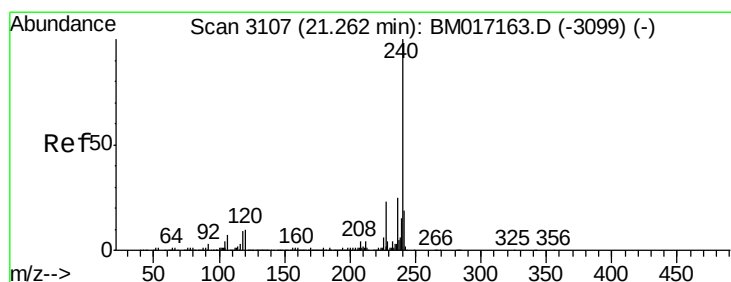
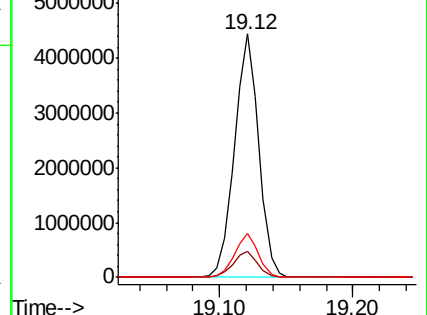
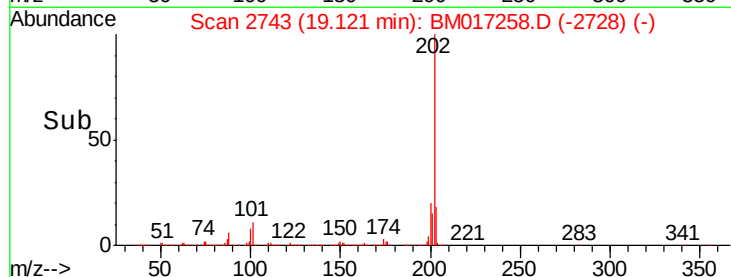
203 17.9 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

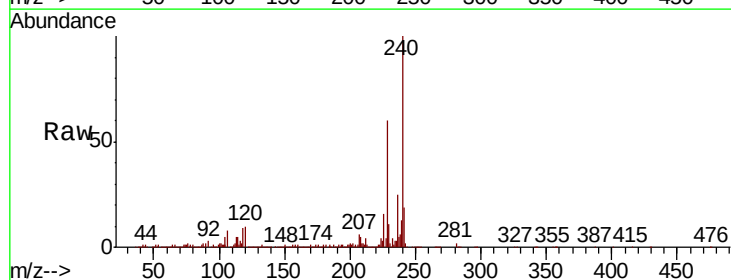
Tgt Ion:240 Resp: 1684776

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

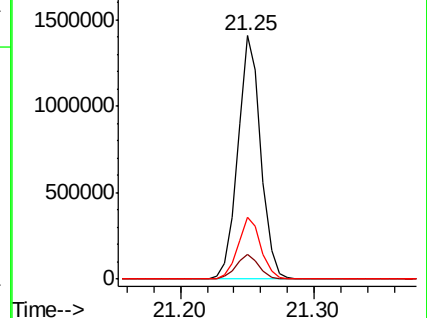
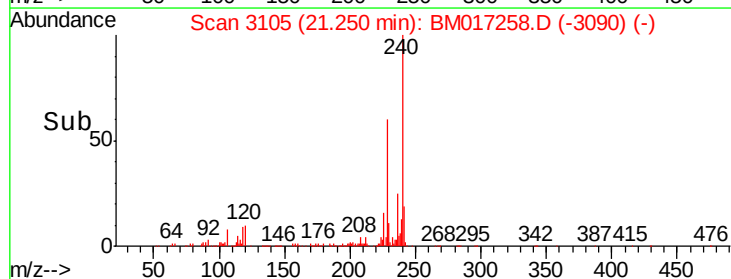
236 25.3 19.9 29.9

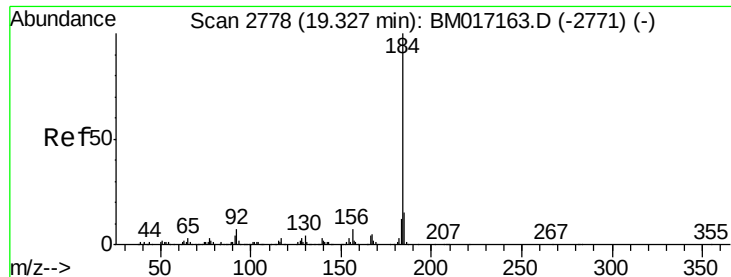


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.844 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampleId :

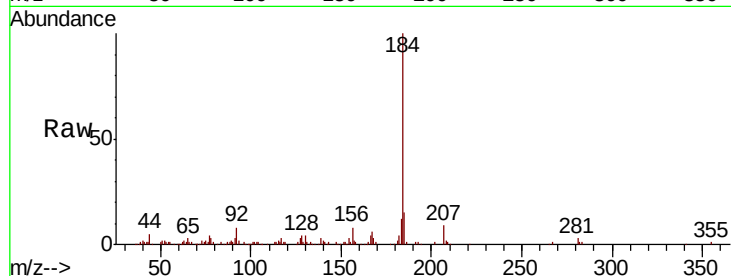
Tot Ion:184 Resp: 206943

Ion Ratio Lower Upper

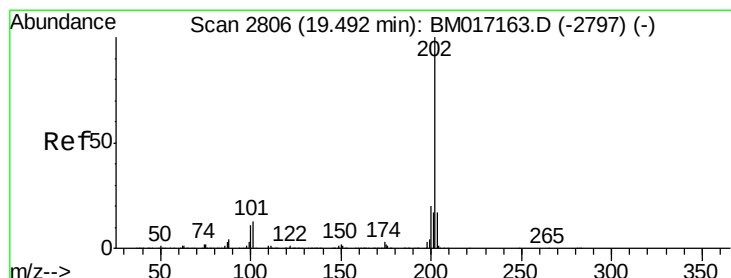
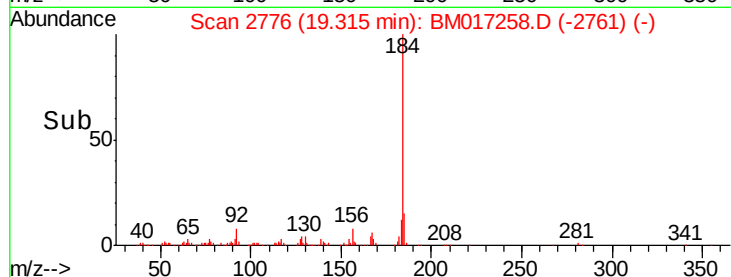
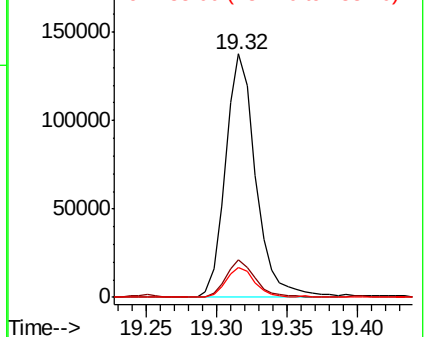
184 100

185 15.4 11.8 17.8

183 12.0 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 60.000 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

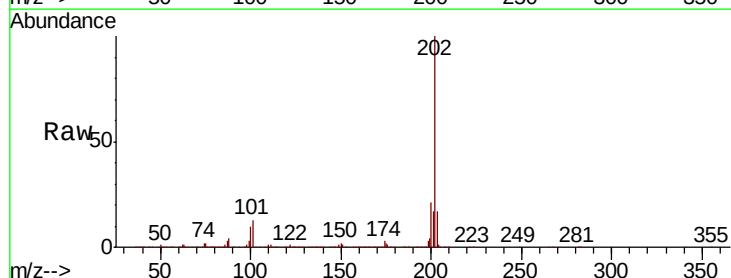
Tgt Ion:202 Resp: 5649787

Ion Ratio Lower Upper

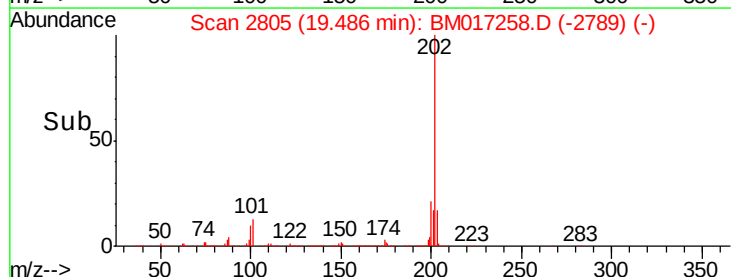
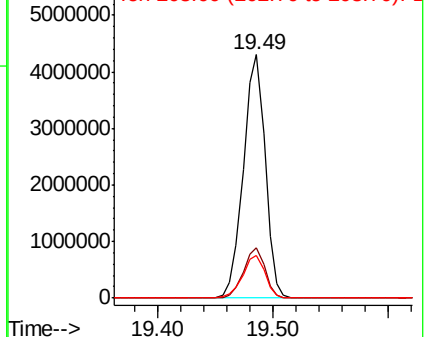
202 100

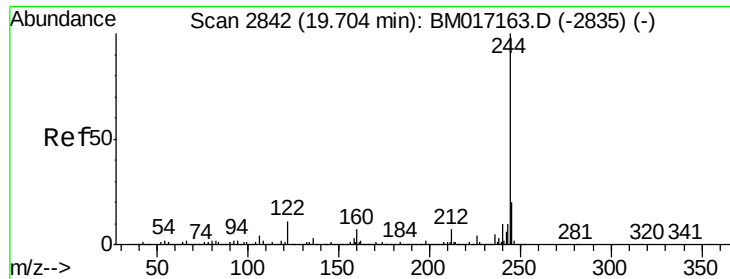
200 20.8 16.3 24.5

203 17.4 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

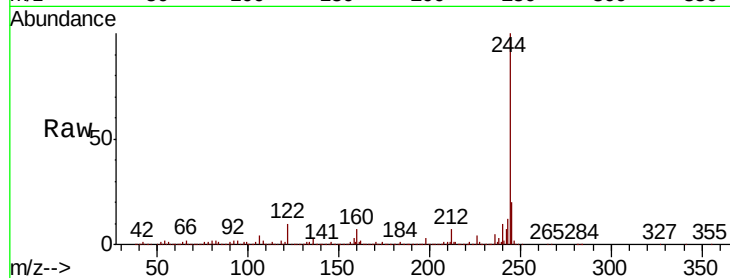




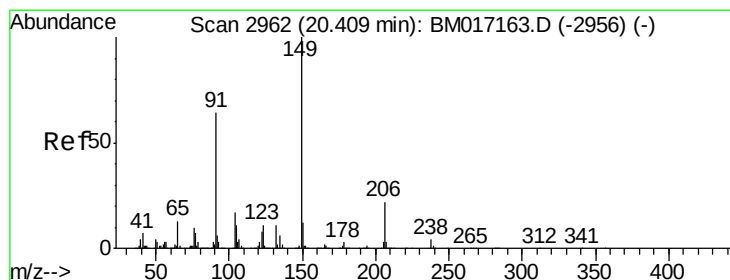
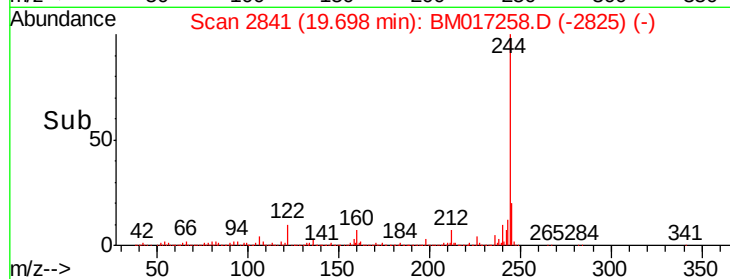
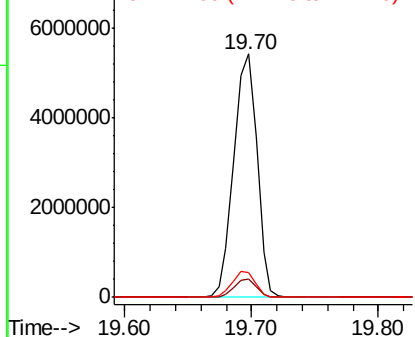
#79
 Terphenyl-d14
 Concen: 92.019 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 6878032
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 10.3 8.4 12.6

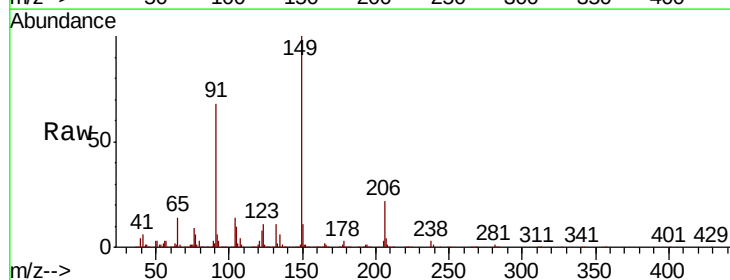


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

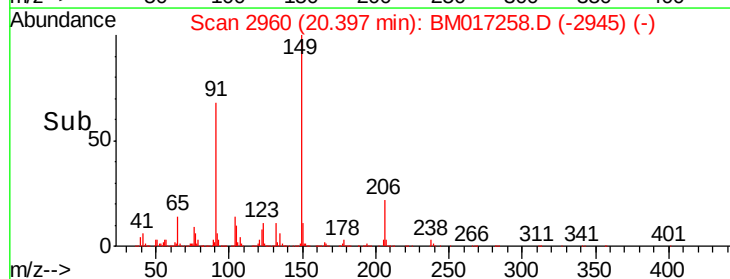
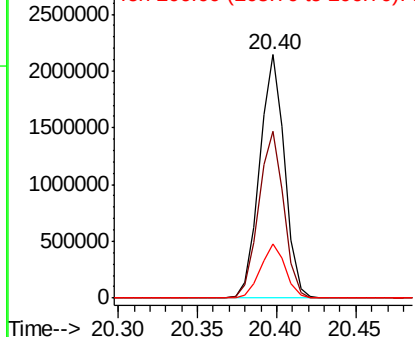


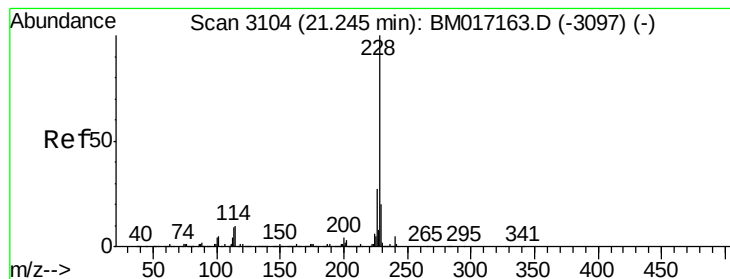
#80
 Butylbenzylphthalate
 Concen: 62.897 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:149 Resp: 2347550
 Ion Ratio Lower Upper
 149 100
 91 68.3 51.3 76.9
 206 22.3 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: 54.182 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

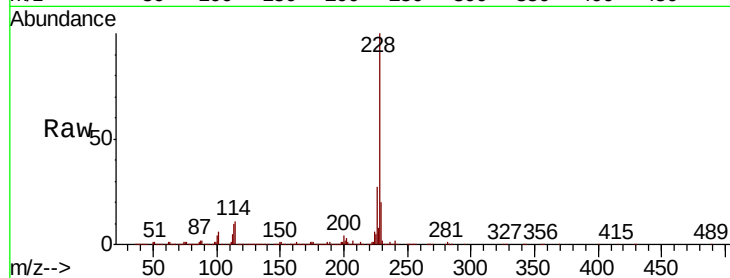
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 5136932

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.4	32.0
229	19.8	15.9	23.9

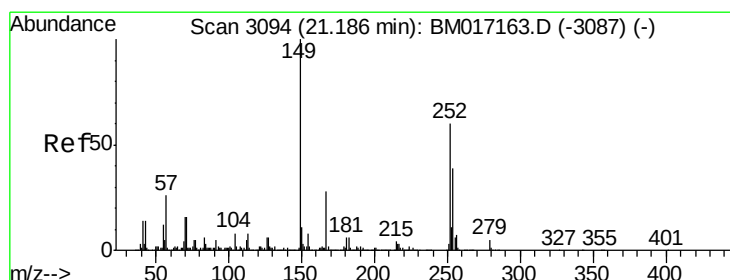
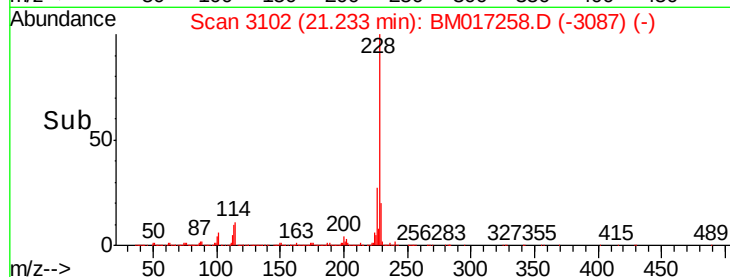
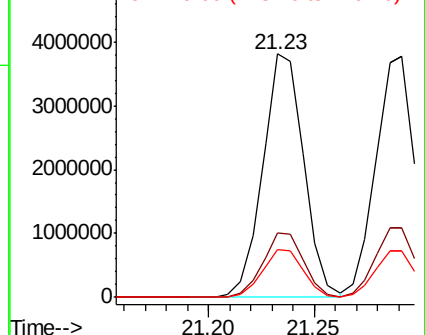


Abundance

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: 17.471 ng

RT: 21.17 min Scan# 3092

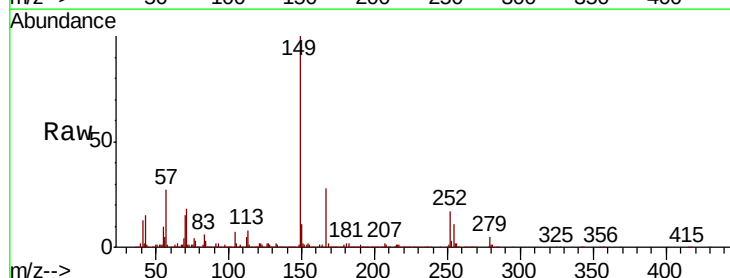
Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion:252 Resp: 617359

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	10.5	8.6	12.8

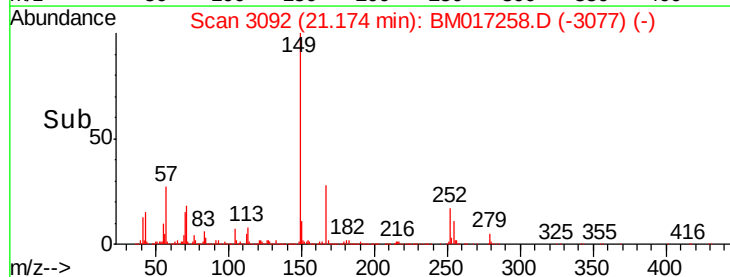
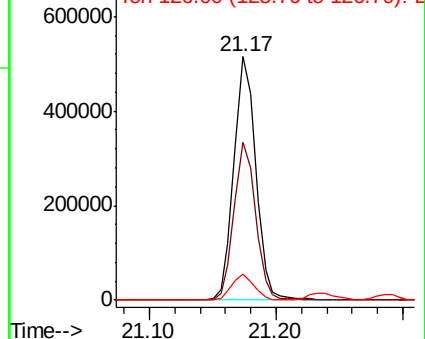


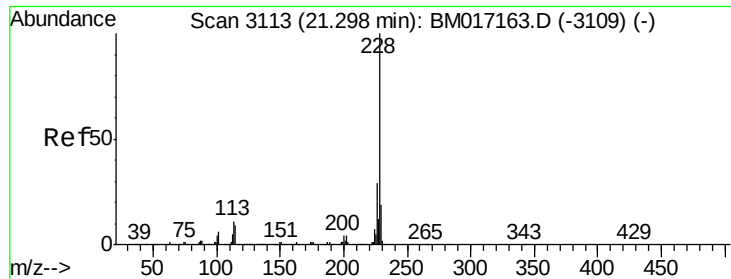
Abundance

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

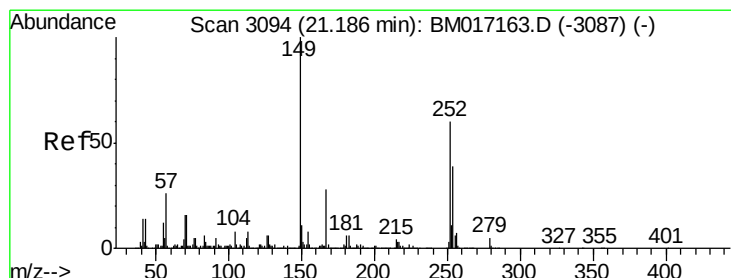
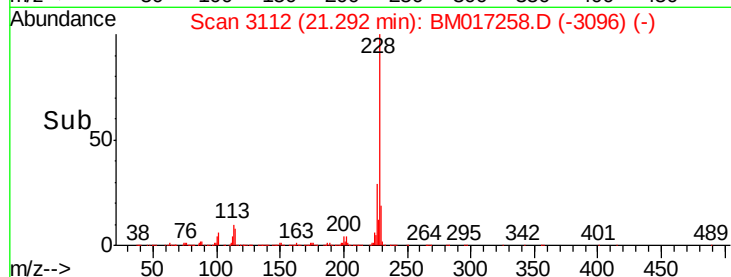
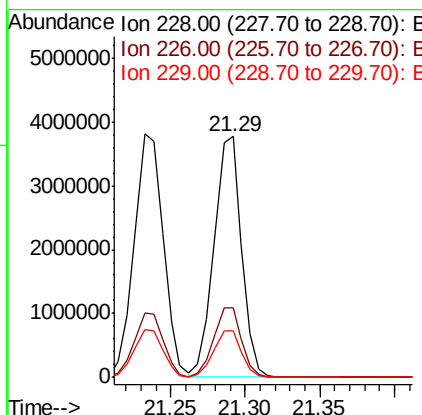
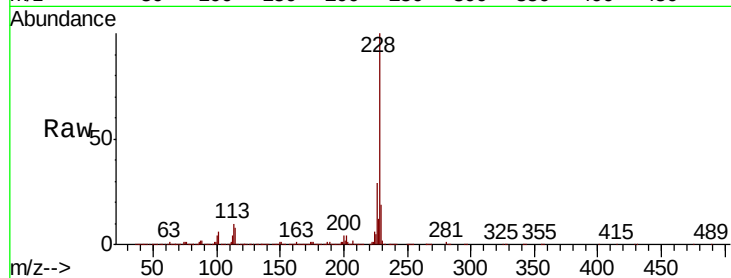




#83
 Chrysene
 Concen: 51.902 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

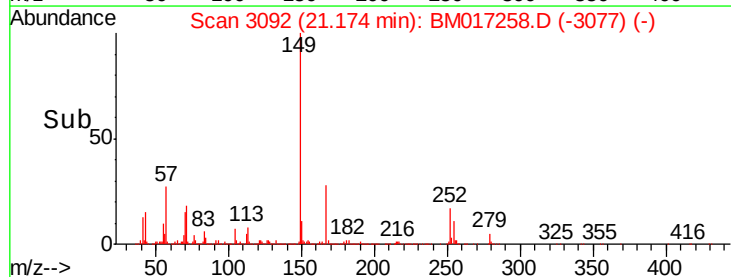
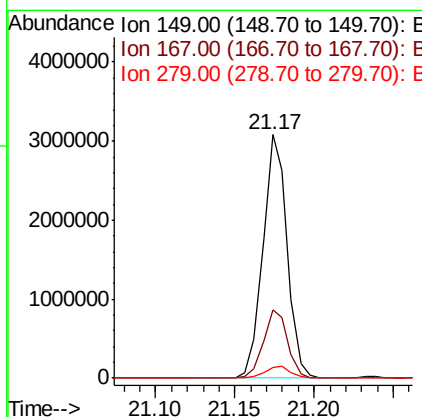
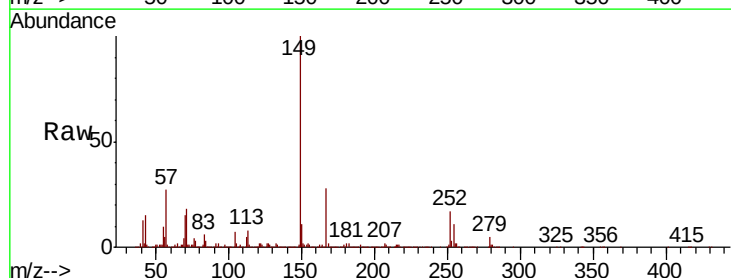
Instrument :
 BNA_M
 ClientSampleId :

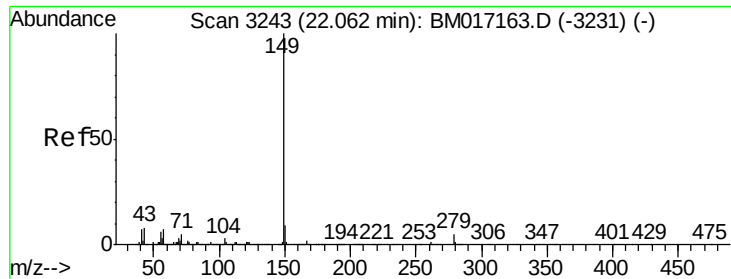
Tot Ion:228 Resp: 4870579
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.3 34.9
 229 19.4 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.419 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017258.D
 Acq: 20 Oct 2018 10:49

Tgt Ion:149 Resp: 3273724
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.2 33.4
 279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 54.417 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampled :

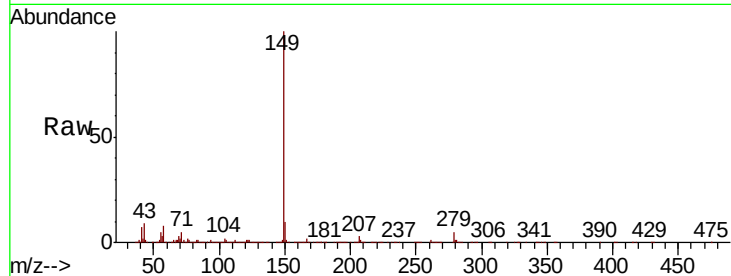
Tot Ion:149 Resp: 5132279

Ion Ratio Lower Upper

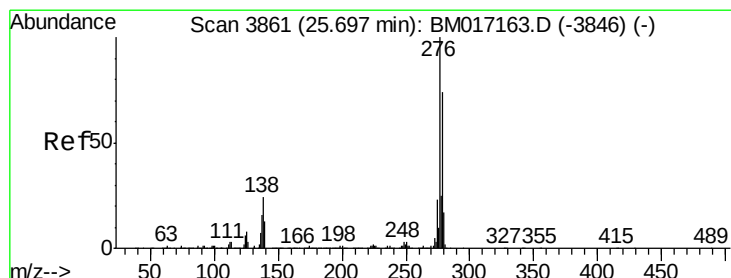
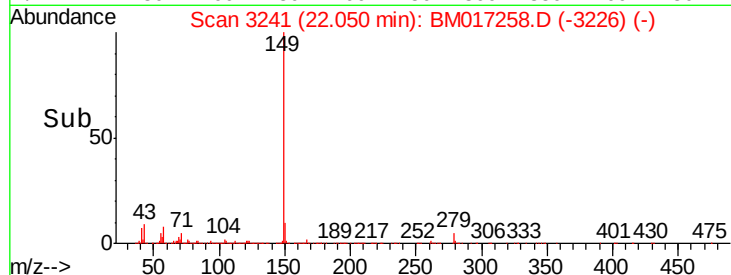
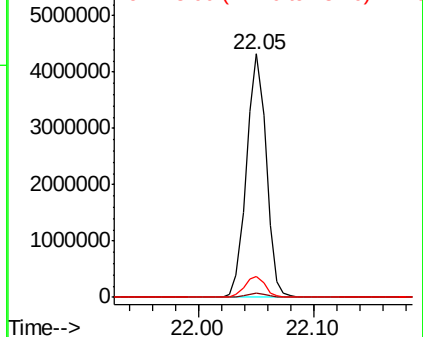
149 100

167 1.6 1.4 2.0

43 8.8 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: 43.798 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

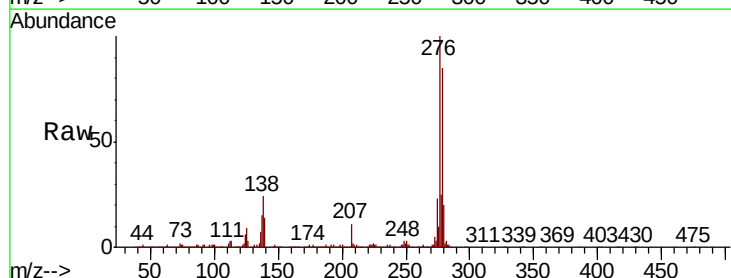
Tgt Ion:276 Resp: 4597125

Ion Ratio Lower Upper

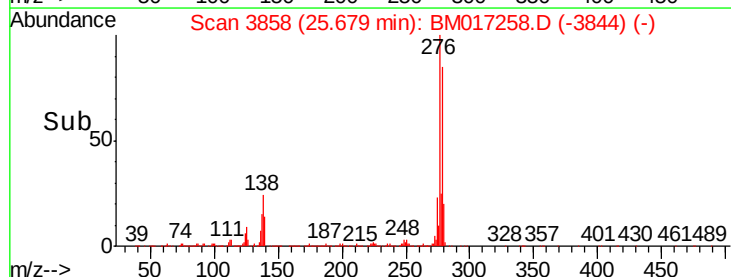
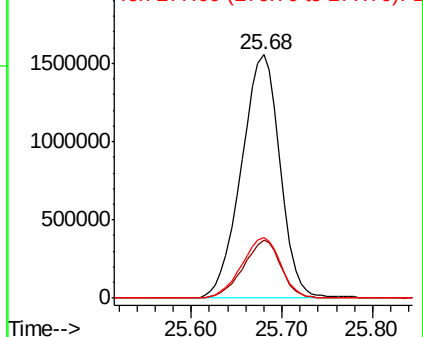
276 100

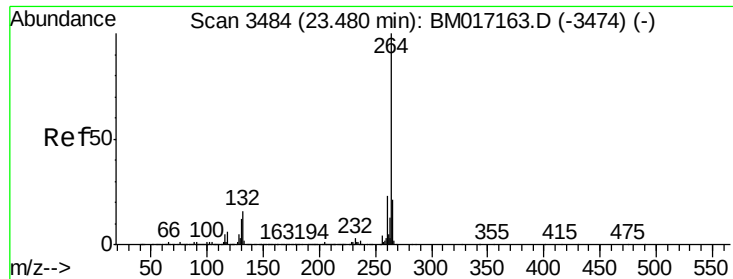
138 23.2 19.5 29.3

277 25.1 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: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Instrument :

BNA_M

ClientSampled :

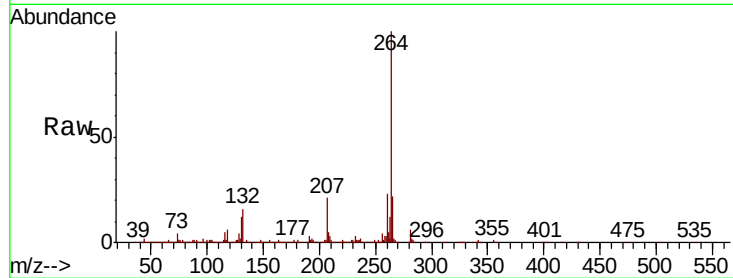
Tot Ion:264 Resp: 1456811

Ion Ratio Lower Upper

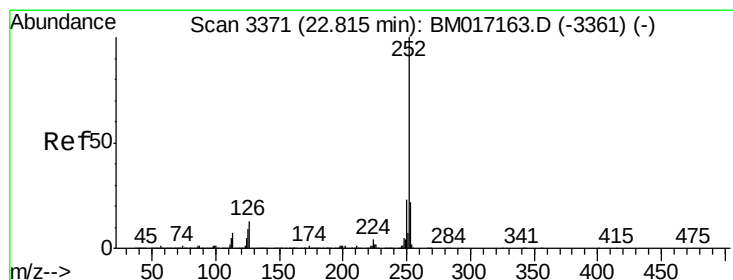
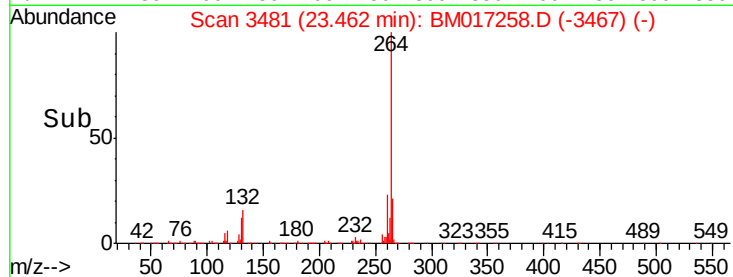
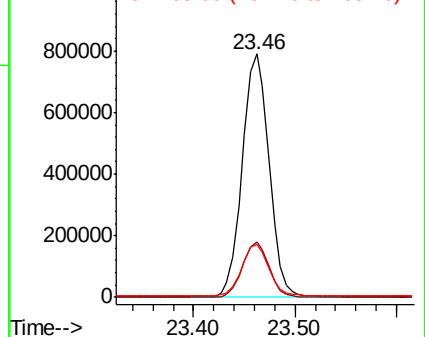
264 100

260 23.0 18.6 27.8

265 21.6 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: 55.639 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

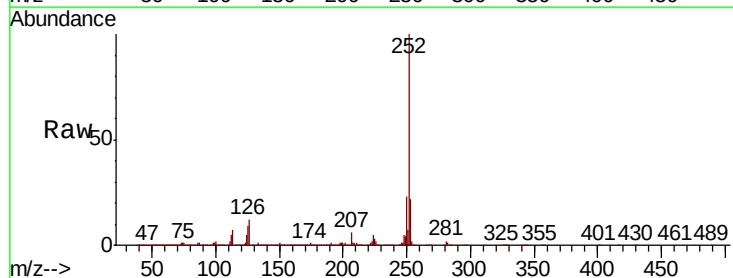
Tgt Ion:252 Resp: 4431565

Ion Ratio Lower Upper

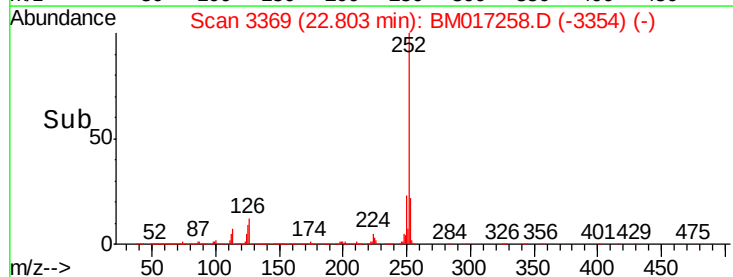
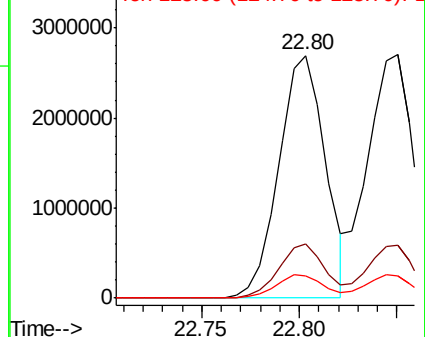
252 100

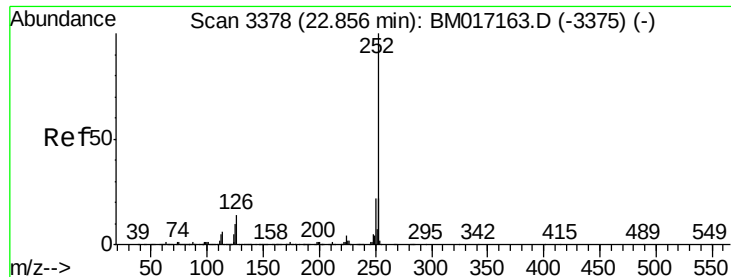
253 22.1 17.4 26.2

125 9.0 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

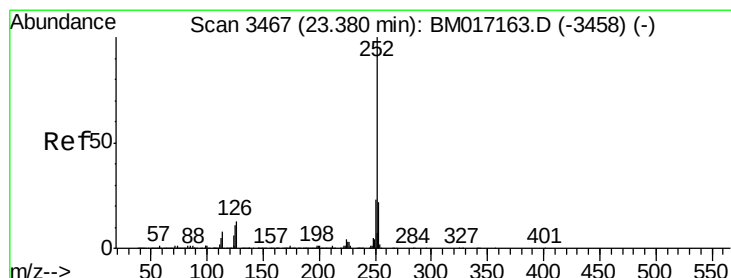
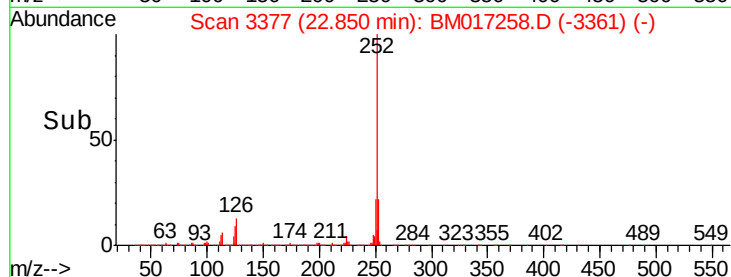
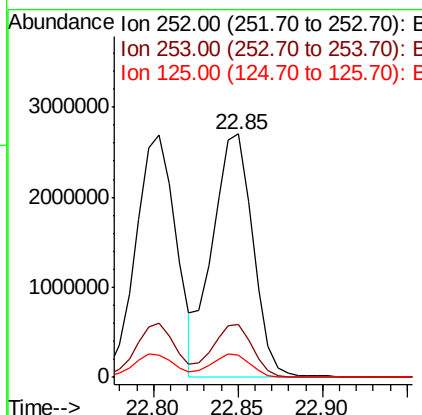
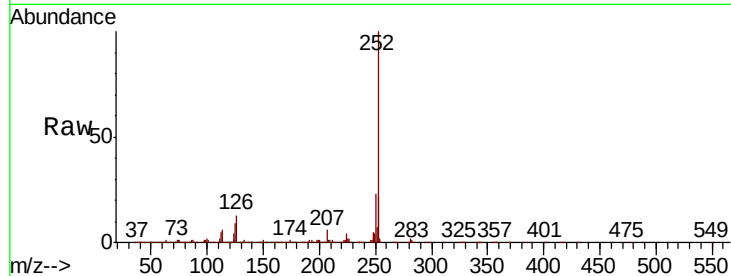




#89
Benzo(k)fluoranthene
Concen: 56.131 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

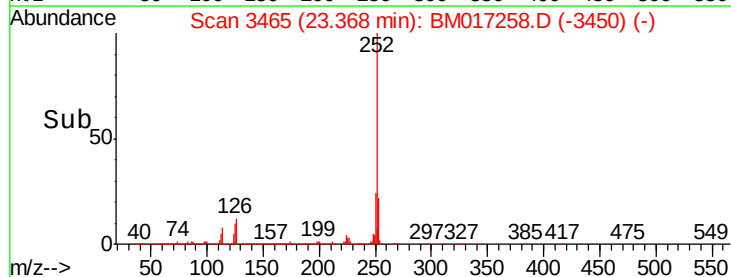
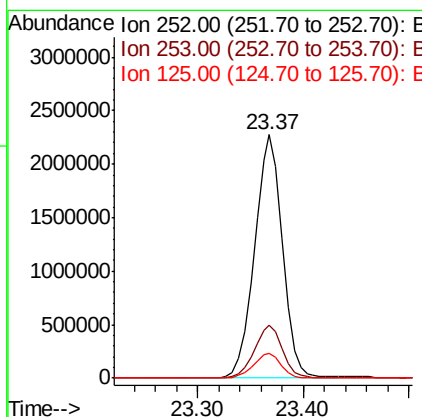
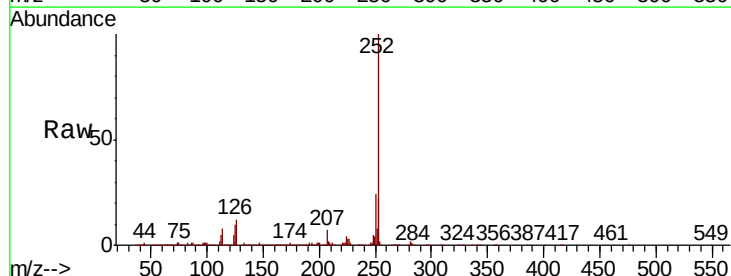
Instrument :
BNA_M
ClientSampleId :

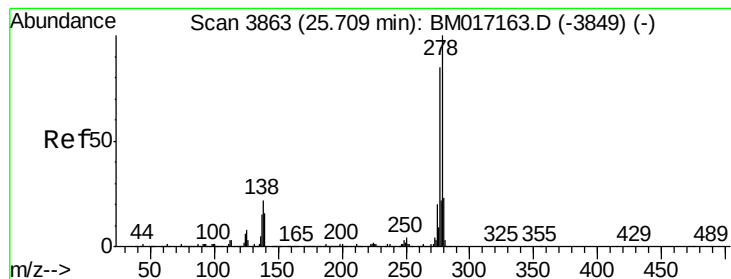
Tot Ion:252 Resp: 4486102
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.0 8.2 12.2



#90
Benzo(a)pyrene
Concen: 55.199 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:252 Resp: 4174422
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 51.579 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

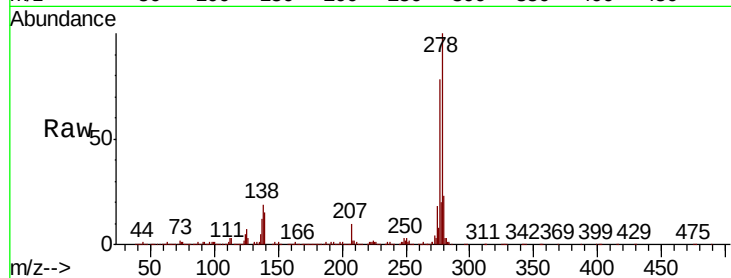
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3873191

Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.7	19.1
279	23.4	18.7	28.1

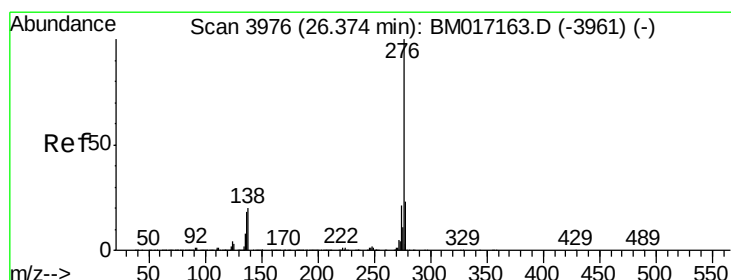
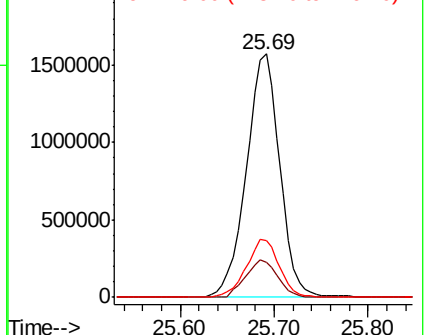
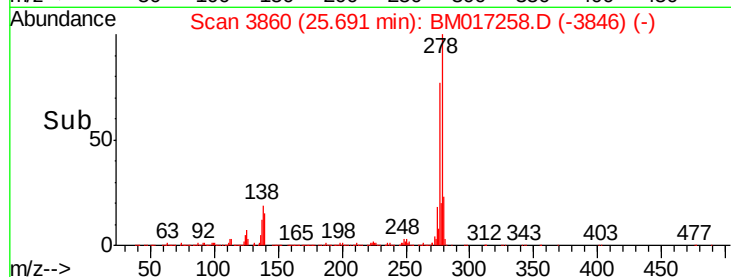


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.756 ng

RT: 26.35 min Scan# 3972

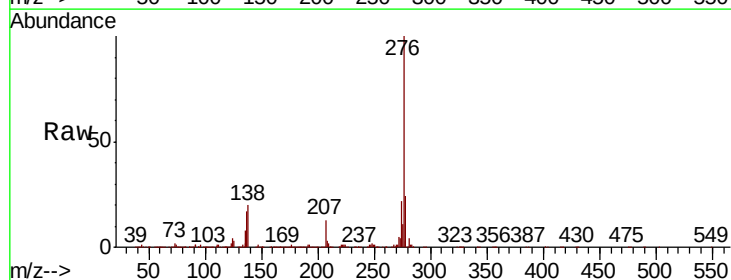
Delta R.T. -0.02 min

Lab File: BM017258.D

Acq: 20 Oct 2018 10:49

Tgt Ion:276 Resp: 3851935

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	19.8	16.4	24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

