

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017247.D
 Acq On : 20 Oct 2018 03:00
 Operator : MJ/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:38:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	277835	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1285744	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	798463	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1825923	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1745357	20.00	ng	0.00
87) Perylene-d12	23.47	264	1534602	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1276018	77.68	ng	0.00
7) Phenol-d6	6.85	99	1794379	80.20	ng	0.00
23) Nitrobenzene-d5	8.82	82	1890320	85.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	938643	86.93	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4758547	79.30	ng	0.00
79) Terphenyl-d14	19.70	244	7112073	91.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	297448	35.460	ng	# 87
3) Pyridine	3.65	79	753982	39.065	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	306194	39.518	ng	# 68
6) Aniline	7.01	93	1124595	40.188	ng	98
8) 2-Chlorophenol	7.23	128	777825	40.929	ng	97
9) Benzaldehyde	6.82	77	560329	39.280	ng	93
10) Phenol	6.87	94	941178	39.088	ng	97
11) bis(2-Chloroethyl)ether	7.10	93	765730	39.893	ng	99
12) 1,3-Dichlorobenzene	7.56	146	870807	39.308	ng	97
13) 1,4-Dichlorobenzene	7.70	146	888971	39.276	ng	97
14) 1,2-Dichlorobenzene	8.02	146	856874	39.293	ng	98
15) Benzyl Alcohol	7.91	79	735898	45.000	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1043955	38.930	ng	99
17) 2-Methylphenol	8.11	107	648496	41.960	ng	95
18) Hexachloroethane	8.73	117	320786	41.414	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	657456	44.629	ng	99
20) 3+4-Methylphenols	8.44	107	904848	42.806	ng	98
22) Acetophenone	8.49	105	1268254	38.913	ng	# 97
24) Nitrobenzene	8.86	77	956488	41.132	ng	93
25) Isophorone	9.39	82	1524103	41.984	ng	98
26) 2-Nitrophenol	9.57	139	465397	43.385	ng	94
27) 2,4-Dimethylphenol	9.63	122	671732	41.847	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1041349	40.756	ng	100
29) 2,4-Dichlorophenol	10.09	162	804650	43.174	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	899464	40.231	ng	99
31) Naphthalene	10.49	128	2480561	39.368	ng	100
32) Benzoic acid	9.79	122	576264	48.114	ng	91
33) 4-Chloroaniline	10.61	127	1144080	42.042	ng	97
34) Hexachlorobutadiene	10.77	225	569094	40.173	ng	99
35) Caprolactam	11.42	113	281458	41.438	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	918337	43.713	ng	95
37) 2-Methylnaphthalene	12.11	142	1818870	42.184	ng	98
38) 1-Methylnaphthalene	12.33	142	1771208	42.206	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1113179	39.588	ng	99

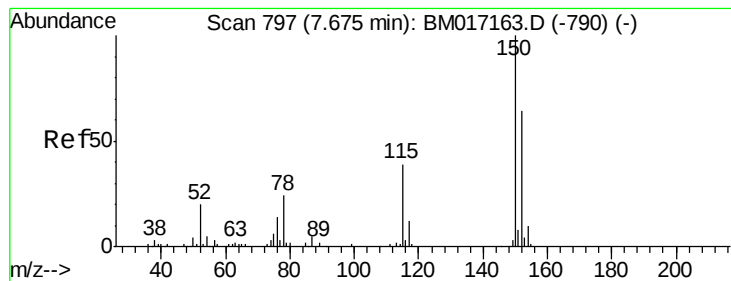
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017247.D
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 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	617775	45.445	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	707661	43.353	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	745600	42.596	ng	97
46) 1,1'-Biphenyl	13.14	154	2816217	39.194	ng	99
47) 2-Chloronaphthalene	13.17	162	2084619	39.436	ng	98
48) 2-Nitroaniline	13.39	65	624062	42.524	ng	98
49) Acenaphthylene	14.03	152	3151030	41.125	ng	100
50) Dimethylphthalate	13.78	163	2558412	41.531	ng	100
51) 2,6-Dinitrotoluene	13.90	165	574150	42.347	ng	98
52) Acenaphthene	14.37	154	1924779	40.009	ng	98
53) 3-Nitroaniline	14.23	138	610163	41.552	ng	94
54) 2,4-Dinitrophenol	14.43	184	310383	43.236	ng	96
55) Dibenzofuran	14.71	168	3130619	39.132	ng	98
56) 4-Nitrophenol	14.54	139	491726	39.293	ng	93
57) 2,4-Dinitrotoluene	14.69	165	798165	43.800	ng	97
58) Fluorene	15.36	166	2399024	40.513	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	700540	43.906	ng	98
60) Diethylphthalate	15.15	149	2638607	43.191	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1376370	40.771	ng	96
62) 4-Nitroaniline	15.40	138	635827	39.711	ng	95
63) Azobenzene	15.66	77	2484508	41.841	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	508604	44.051	ng	96
66) n-Nitrosodiphenylamine	15.58	169	2328874	42.157	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	868611	43.325	ng	95
68) Hexachlorobenzene	16.36	284	956937	41.090	ng	98
69) Atrazine	16.54	200	854667	43.227	ng	99
70) Pentachlorophenol	16.71	266	689235	43.203	ng	99
71) Phenanthrene	17.10	178	3895675	39.544	ng	100
72) Anthracene	17.19	178	3872781	41.373	ng	99
73) Carbazole	17.47	167	3857906	40.347	ng	100
74) Di-n-butylphthalate	18.04	149	4400066	43.629	ng	100
75) Fluoranthene	19.12	202	4356064	39.295	ng	99
77) Benzidine	19.32	184	2205835	49.842	ng	99
78) Pyrene	19.49	202	4536493	46.505	ng	100
80) Butylbenzylphthalate	20.40	149	1812253	48.698	ng	99
81) Benzo(a)anthracene	21.24	228	3979144	40.513	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	1523923	41.630	ng	98
83) Chrysene	21.29	228	3803454	39.124	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	2491168	44.320	ng	100
85) Di-n-octyl phthalate	22.06	149	3747019	39.995	ng	100
86) Indeno(1,2,3-cd)pyrene	25.69	276	3574625	32.875	ng	98
88) Benzo(b)fluoranthene	22.81	252	3410233	40.645	ng	99
89) Benzo(k)fluoranthene	22.85	252	3473095	41.253	ng	99
90) Benzo(a)pyrene	23.37	252	3176352	39.873	ng	99
91) Dibenzo(a,h)anthracene	25.70	278	3021012	38.191	ng	98
92) Benzo(g,h,i)perylene	26.36	276	2939999	37.500	ng	99

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

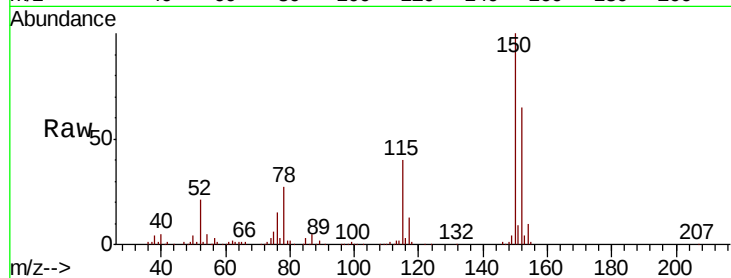


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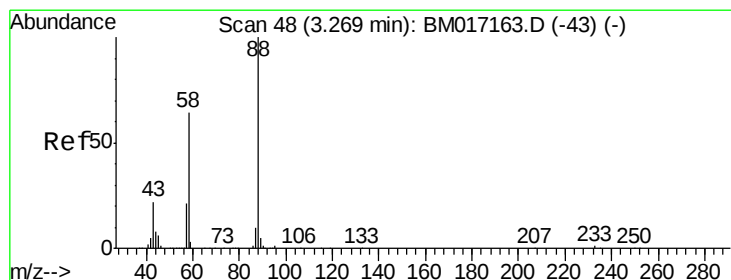
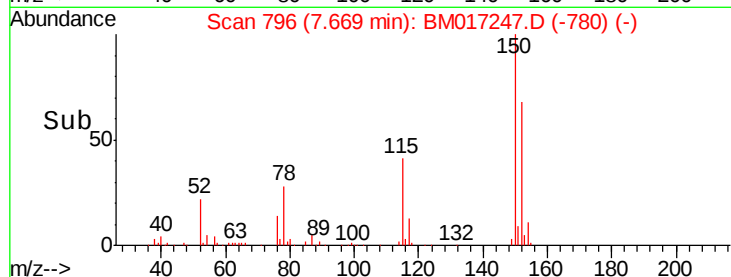
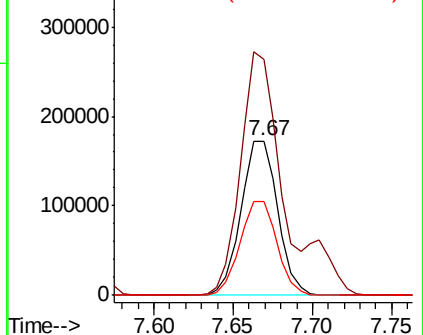
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.3	186.5
115	60.9	48.1	72.1



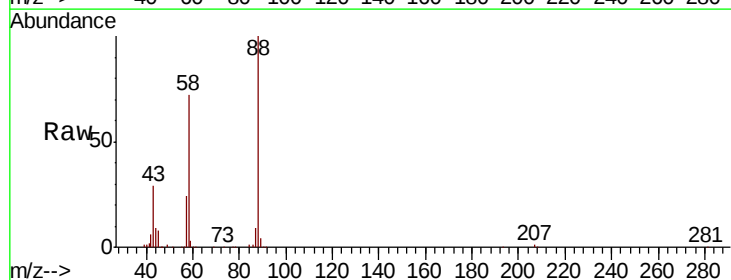
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



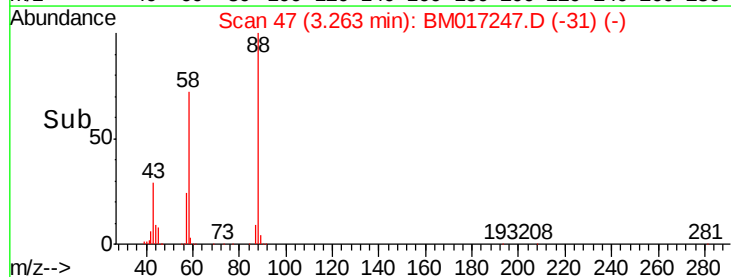
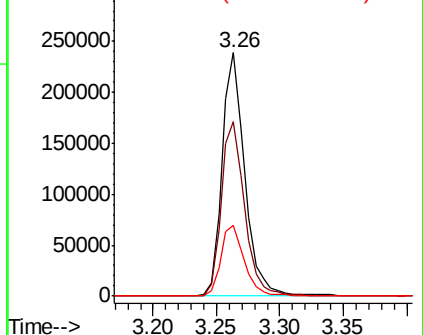
#2

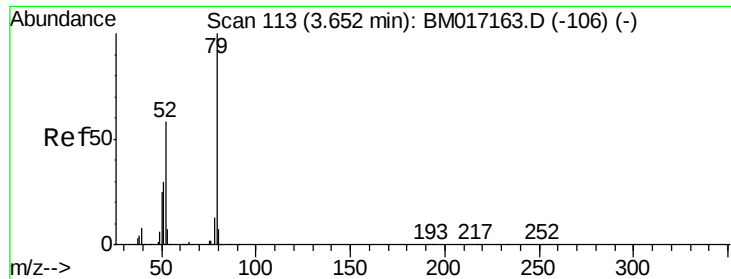
1,4-Dioxane
Concen: 35.460 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	50.2	75.4
43	30.2	19.3	28.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 39.065 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampleId :

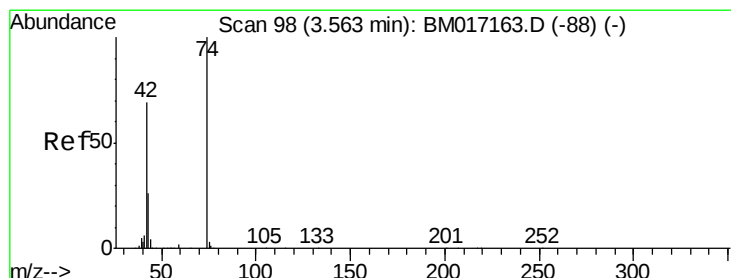
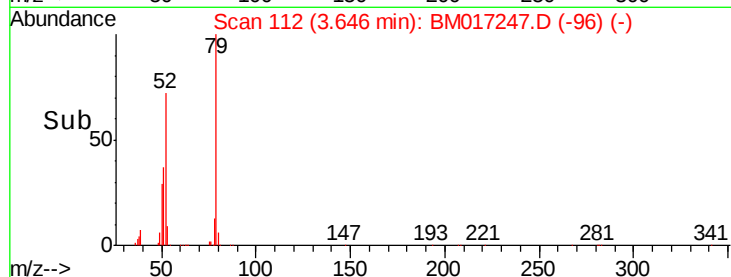
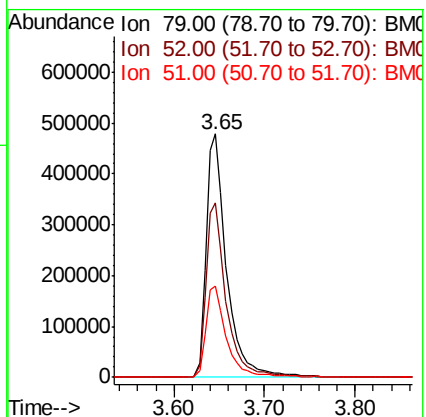
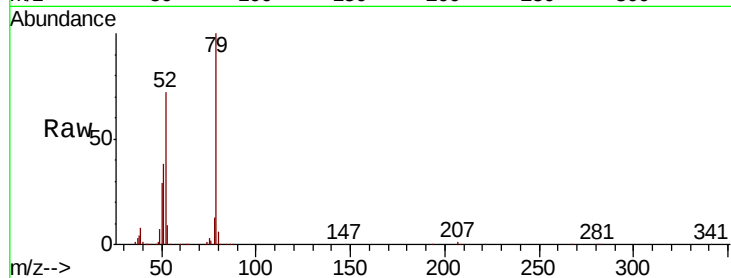
Tot Ion: 79 Resp: 753982

Ion Ratio Lower Upper

79 100

52 71.9 46.5 69.7#

51 37.5 24.6 37.0#



#4

n-Nitrosodimethylamine

Concen: 39.518 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

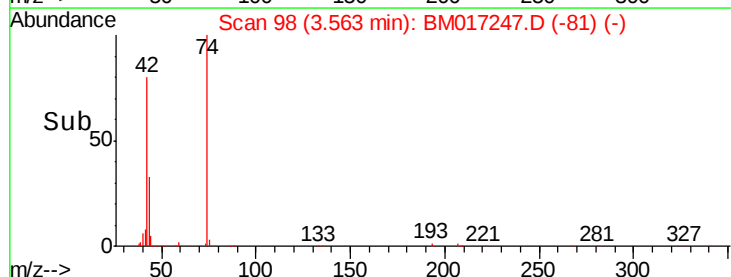
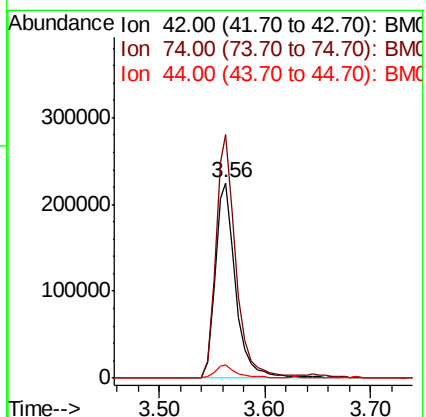
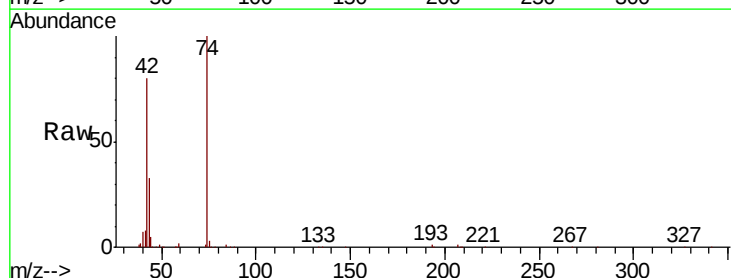
Tgt Ion: 42 Resp: 306194

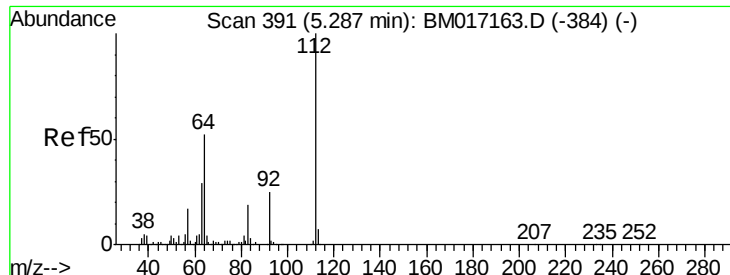
Ion Ratio Lower Upper

42 100

74 124.6 114.4 171.6

44 6.6 48.6 73.0#





#5

2-Fluorophenol

Concen: 77.678 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampled :

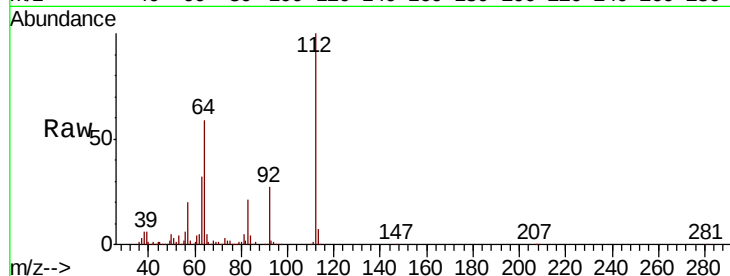
Tot Ion:112 Resp: 1276018

Ion Ratio Lower Upper

112 100

64 59.3 41.7 62.5

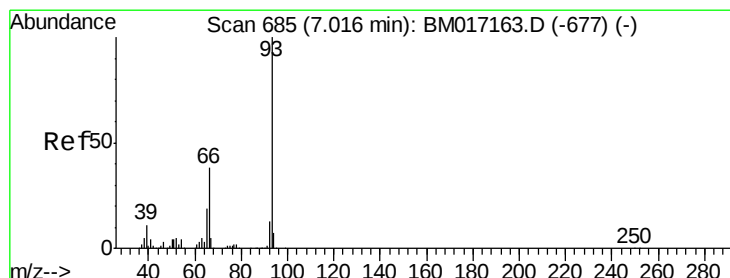
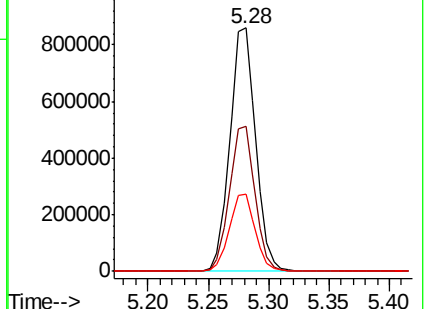
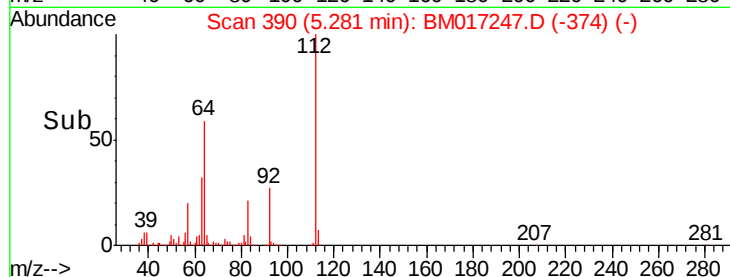
63 31.9 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 40.188 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

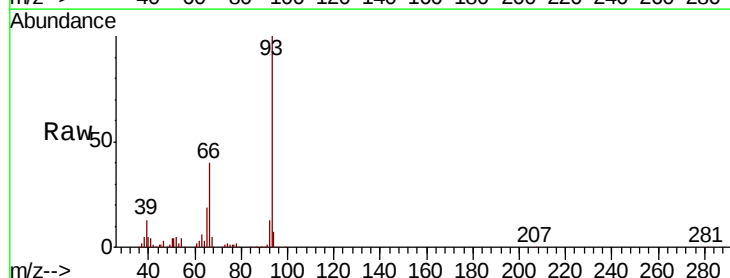
Tgt Ion: 93 Resp: 1124595

Ion Ratio Lower Upper

93 100

66 39.9 30.4 45.6

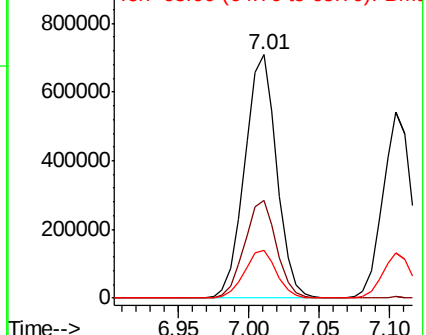
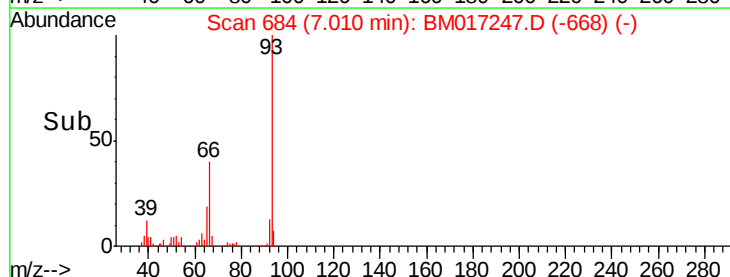
65 19.4 15.3 22.9

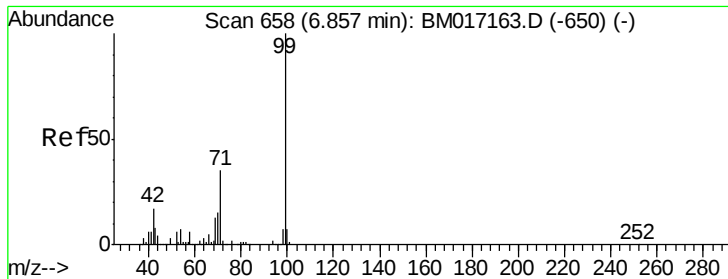


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 80.204 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampled :

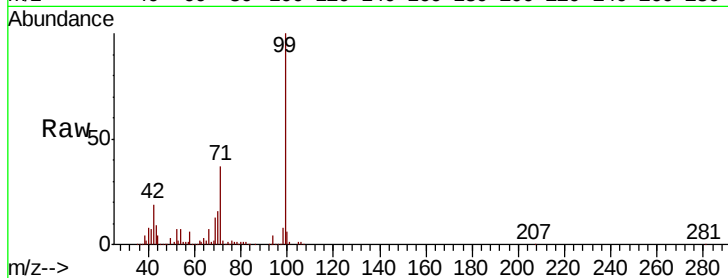
Tot Ion: 99 Resp: 1794379

Ion Ratio Lower Upper

99 100

42 18.8 13.3 19.9

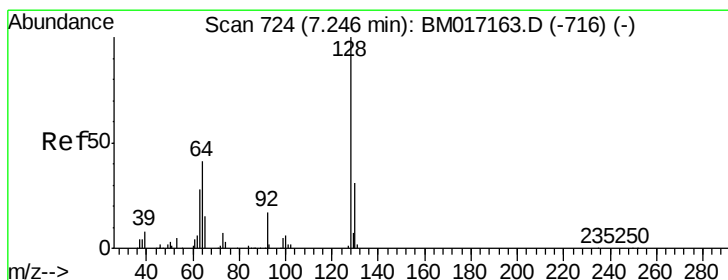
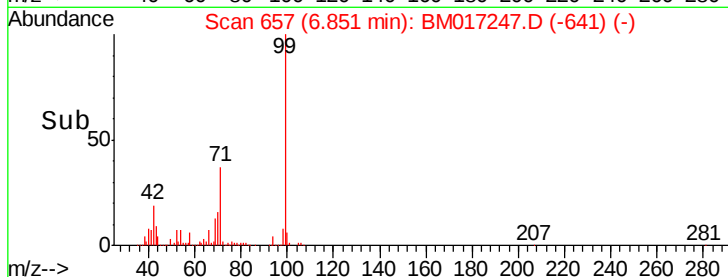
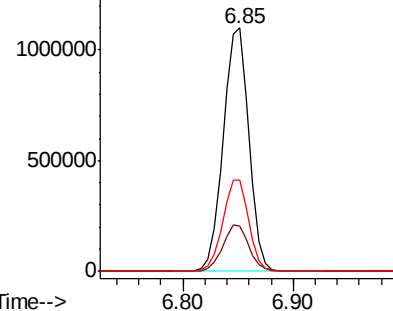
71 37.4 28.0 42.0



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: 40.929 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

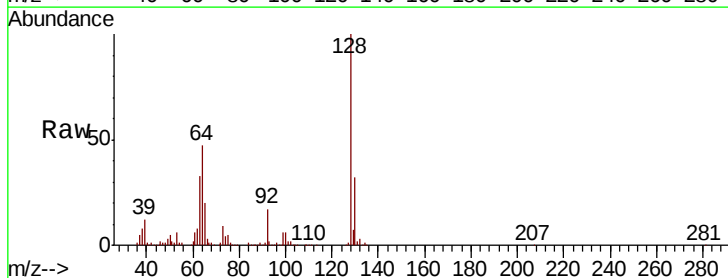
Tgt Ion: 128 Resp: 777825

Ion Ratio Lower Upper

128 100

130 31.7 11.0 51.0

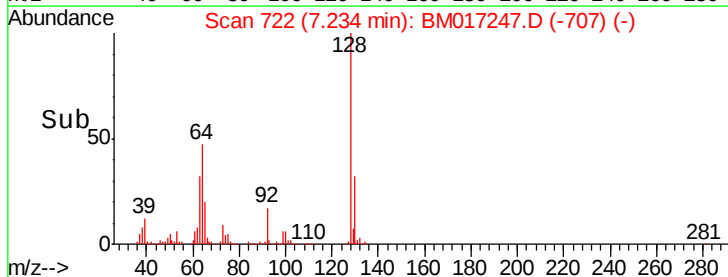
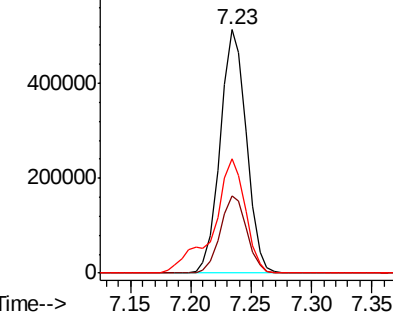
64 47.2 24.1 64.1

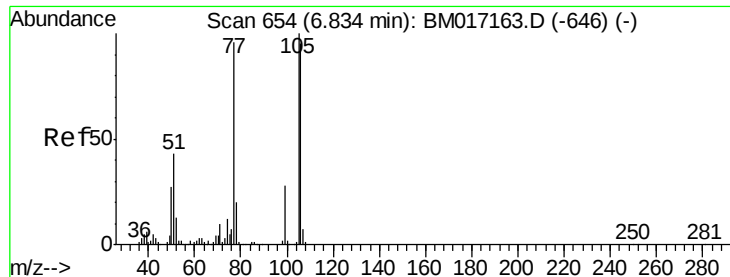


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

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: 39.280 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampled :

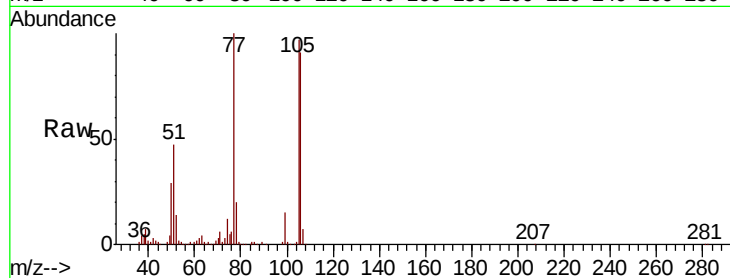
Tot Ion: 77 Resp: 560329

Ion Ratio Lower Upper

77 100

105 96.7 83.9 123.9

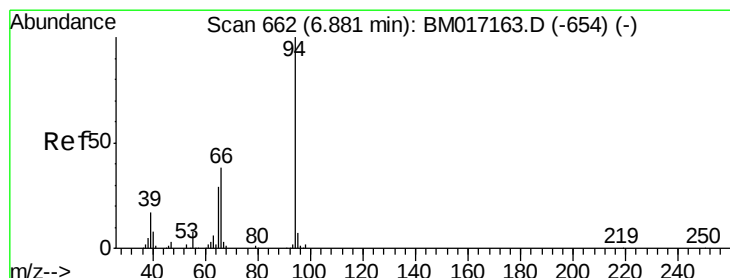
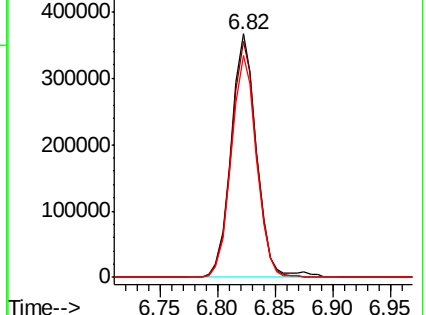
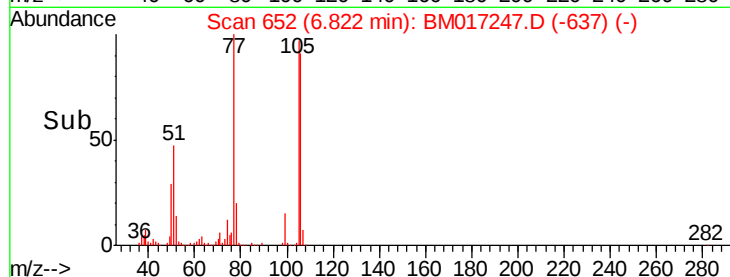
106 91.3 78.2 118.2



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: 39.088 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

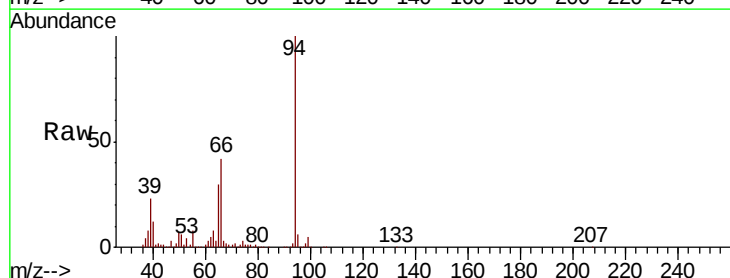
Tgt Ion: 94 Resp: 941178

Ion Ratio Lower Upper

94 100

65 30.0 9.4 49.4

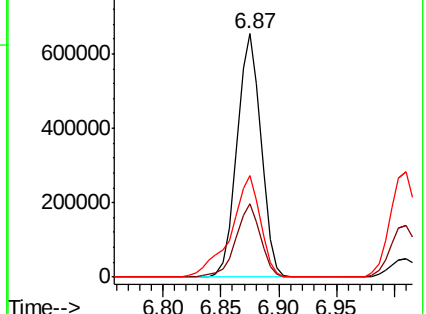
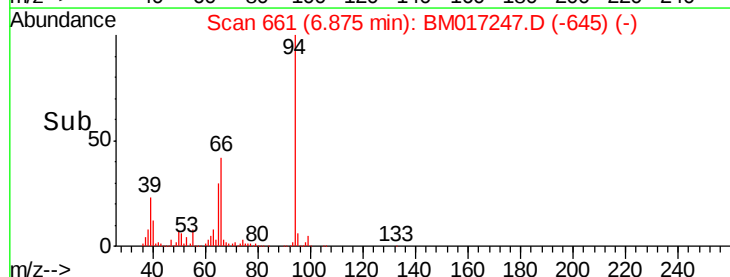
66 41.9 19.0 59.0

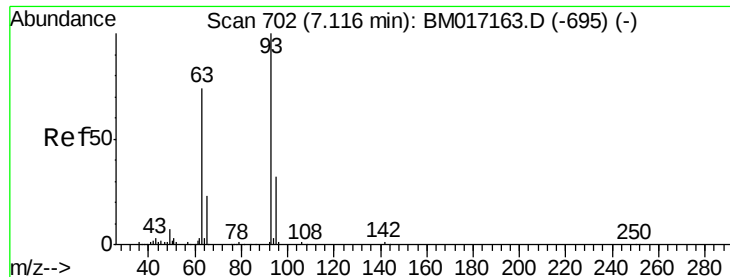


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

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

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

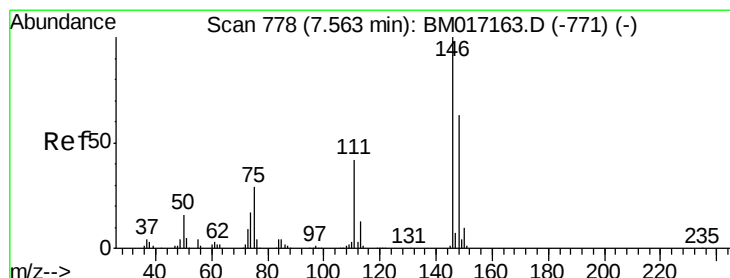
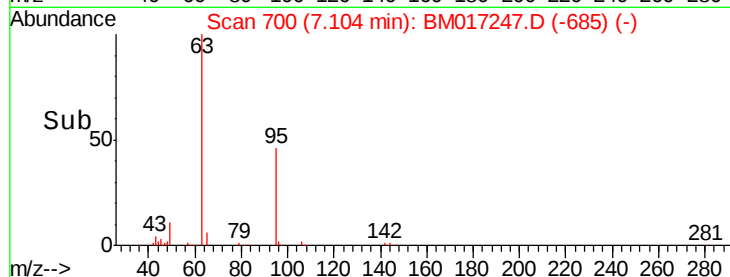
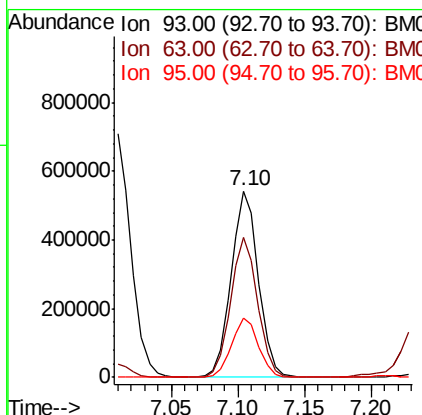
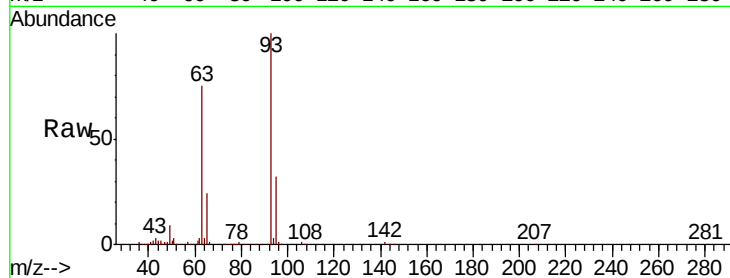




#11
bis(2-Chloroethyl)ether
Concen: 39.893 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

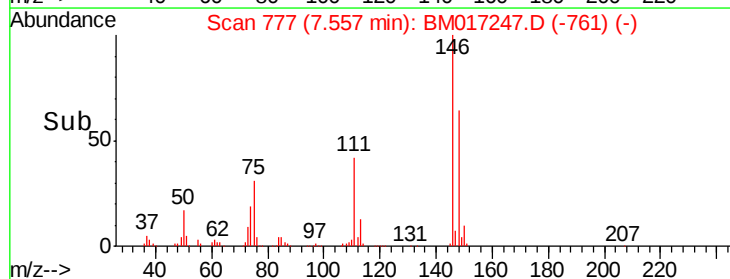
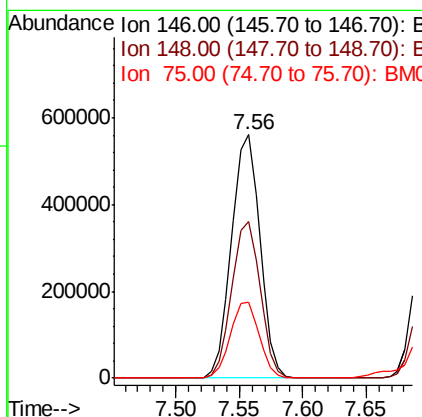
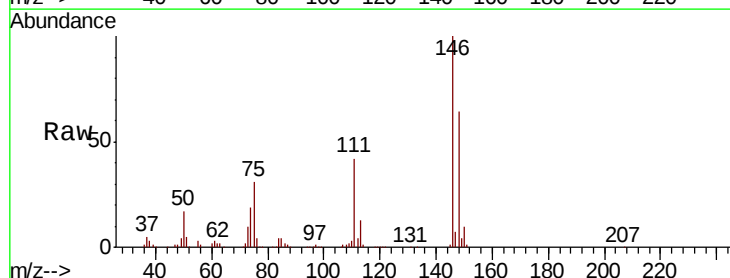
Instrument :
BNA_M
ClientSampleId :

Tot Ion:	93.00	Resp:	765730
Ion	Ratio	Lower	Upper
93	100		
63	75.1	54.0	94.0
95	32.1	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 39.308 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:	146	Resp:	870807
Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.2	75.4
75	31.0	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 39.276 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampled :

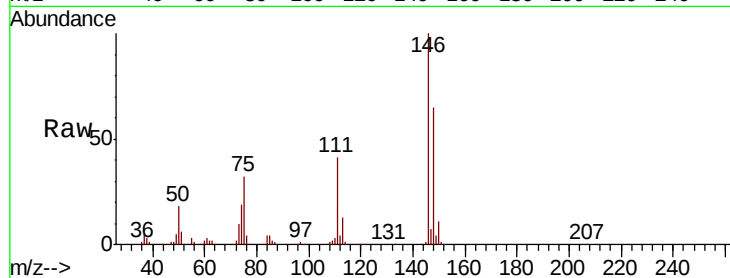
Tot Ion:146 Resp: 888971

Ion Ratio Lower Upper

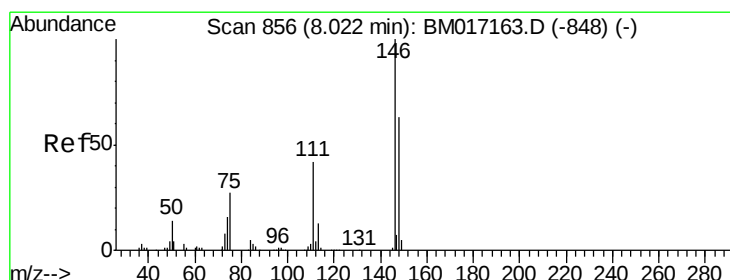
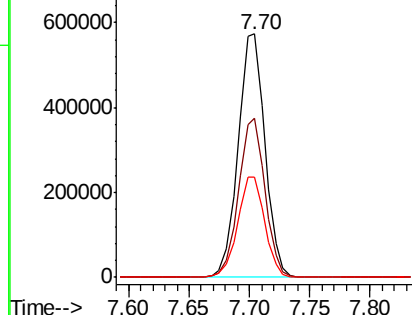
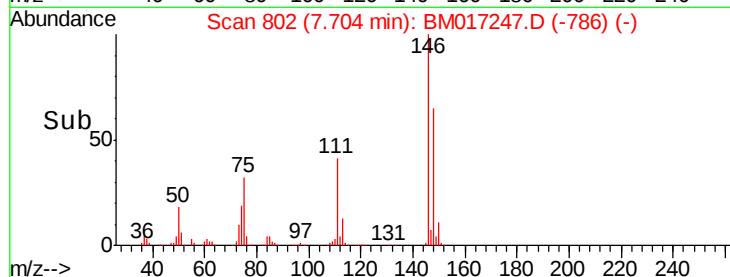
146 100

148 65.4 49.8 74.6

111 41.0 32.1 48.1



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



#14

1,2-Dichlorobenzene

Concen: 39.293 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

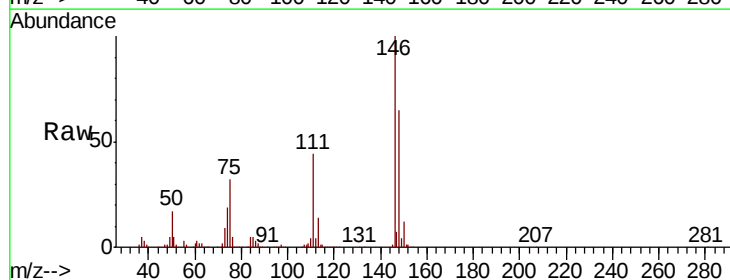
Tgt Ion:146 Resp: 856874

Ion Ratio Lower Upper

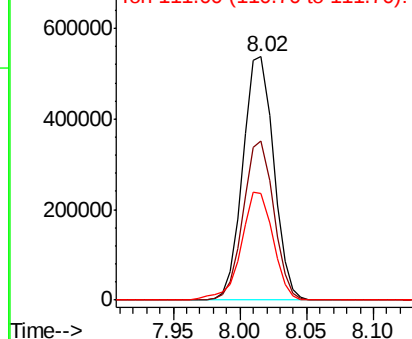
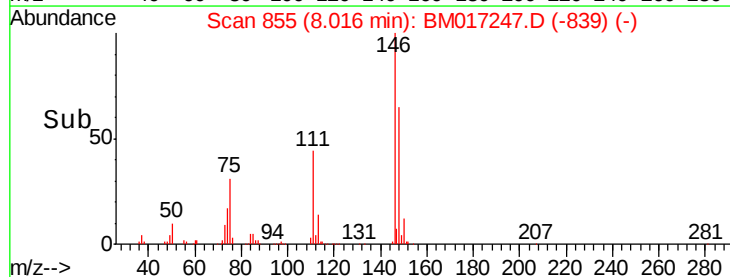
146 100

148 65.2 50.8 76.2

111 43.9 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: 45.000 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampleId :

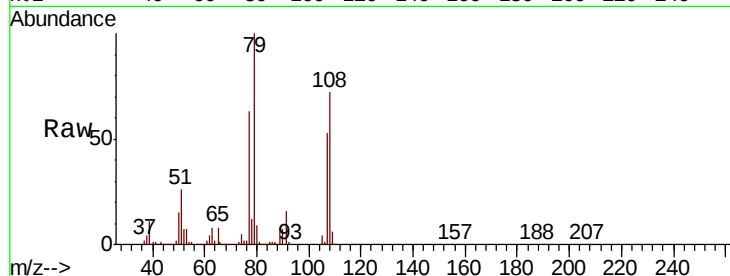
Tot Ion: 79 Resp: 735898

Ion Ratio Lower Upper

79 100

108 72.4 60.3 90.5

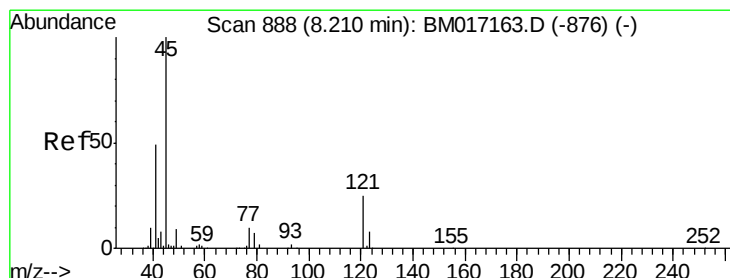
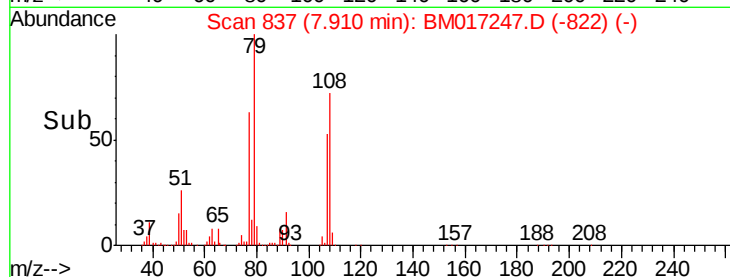
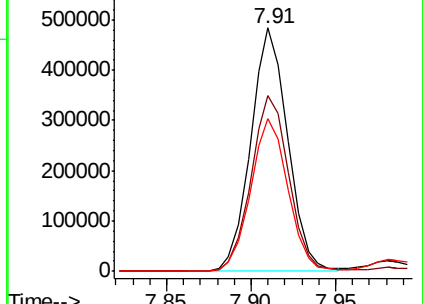
77 62.8 54.8 82.2



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: 38.930 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

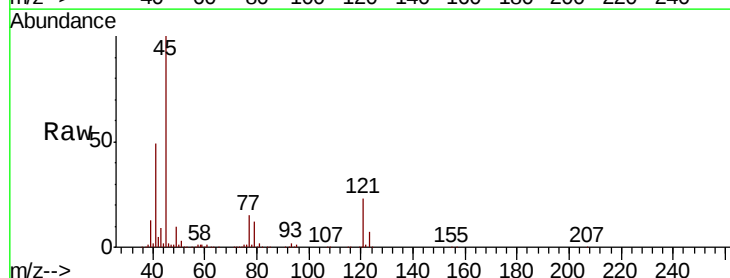
Tgt Ion: 45 Resp: 1043955

Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.5

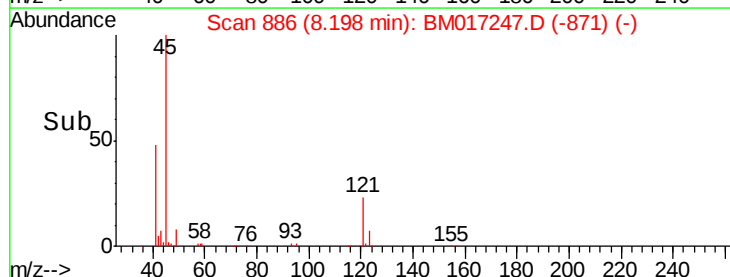
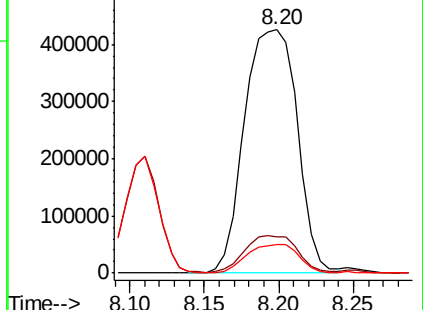
79 11.7 0.0 32.1

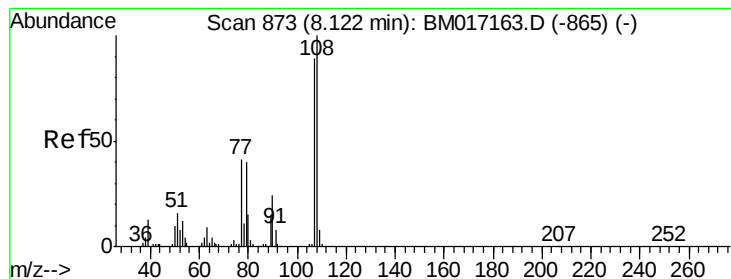


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

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: 41.960 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 648496

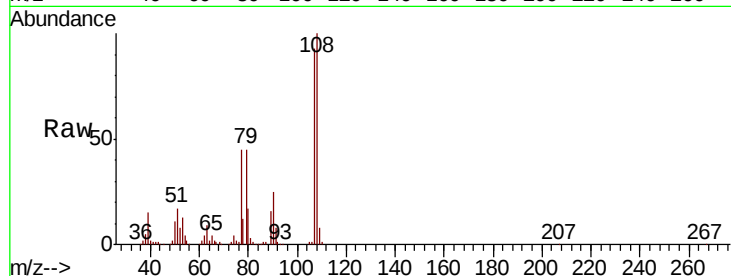
Ion Ratio Lower Upper

107 100

108 107.4 90.3 135.5

77 47.8 37.0 55.4

79 48.1 35.8 53.6

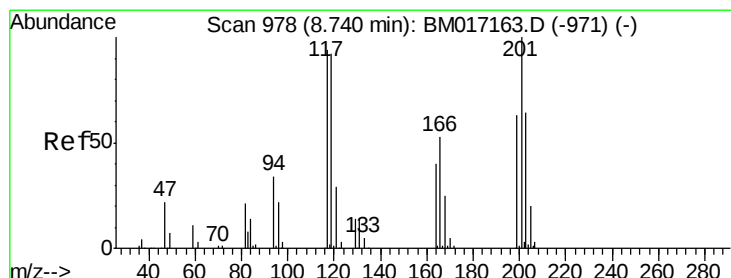
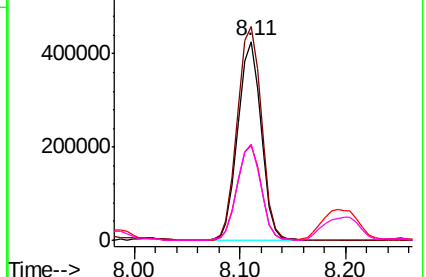
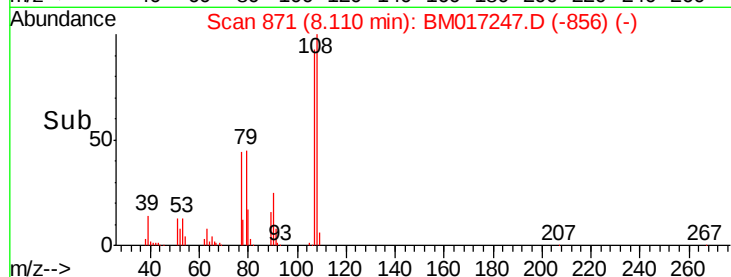


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 41.414 ng

RT: 8.73 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

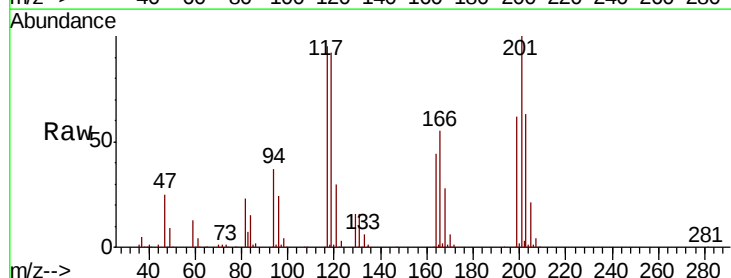
Tgt Ion:117 Resp: 320786

Ion Ratio Lower Upper

117 100

119 97.5 78.2 117.2

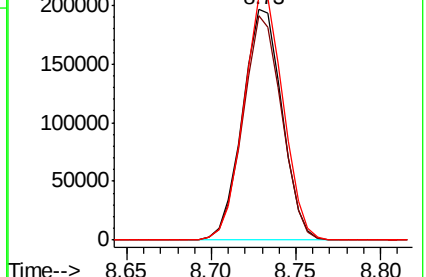
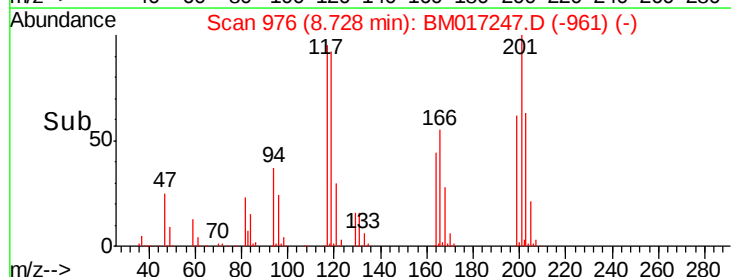
201 105.5 85.3 127.9

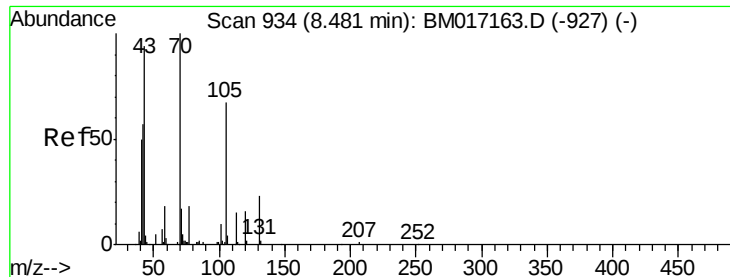


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

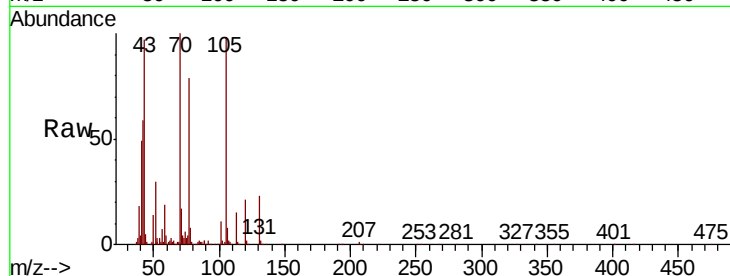




#19
n-Nitroso-di-n-propylamine
Concen: 44.629 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.7	46.1	69.1	
101	10.5	8.2	12.4	
130	22.6	18.4	27.6	



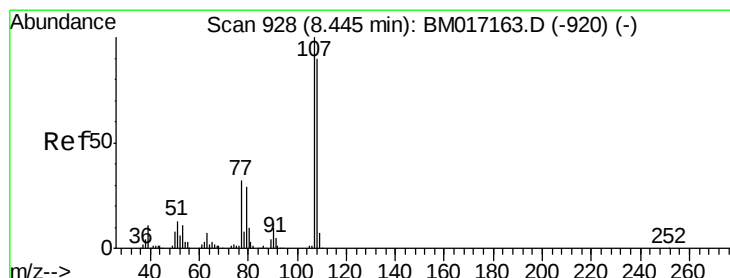
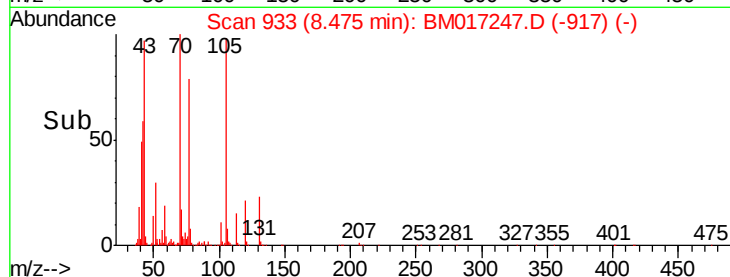
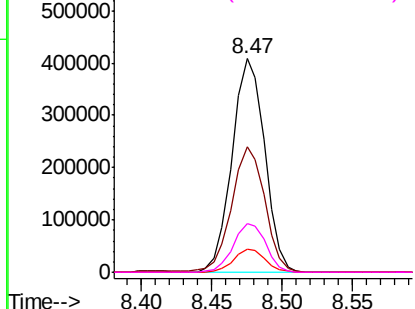
Abundance

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

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

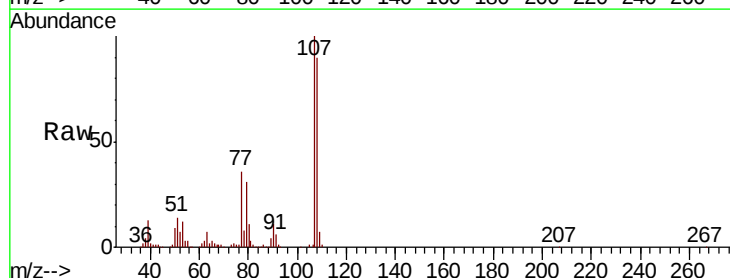
Ion 101.00 (100.70 to 101.70): BM017163.D (-927) (-)

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



#20
3+4-Methylphenols
Concen: 42.806 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	69.9	109.9	
77	35.6	12.2	52.2	
79	31.5	9.0	49.0	



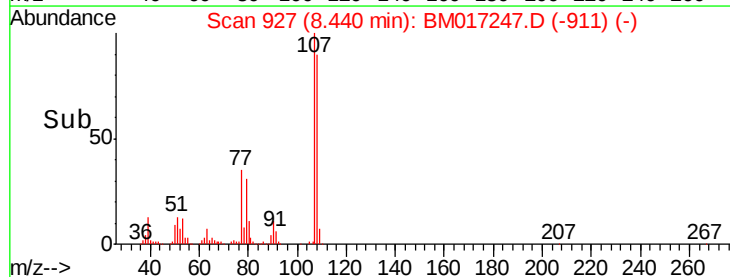
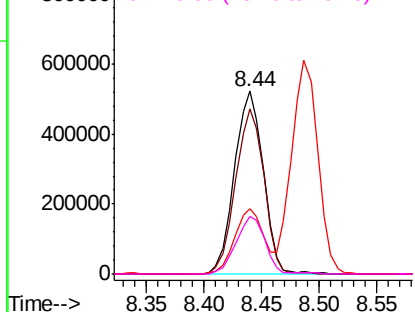
Abundance

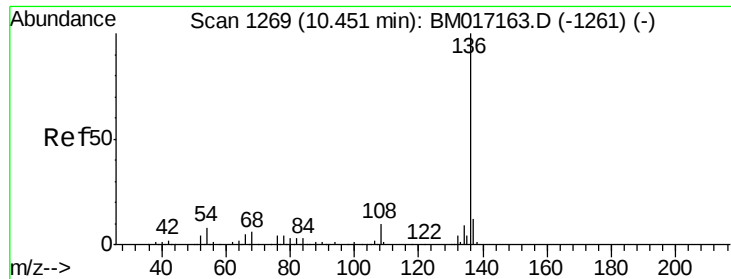
Ion 107.00 (106.70 to 107.70): BM017163.D (-920) (-)

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

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

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

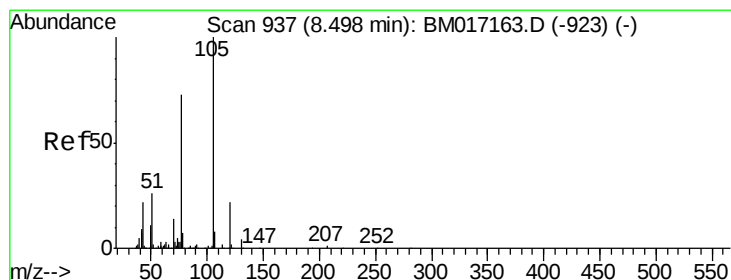
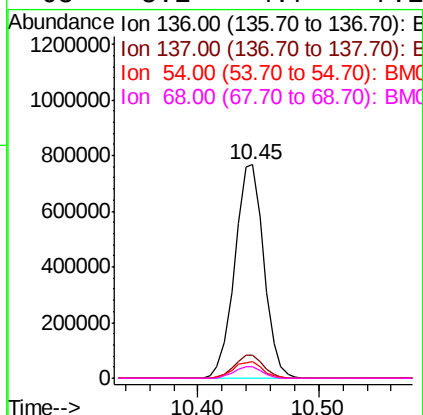
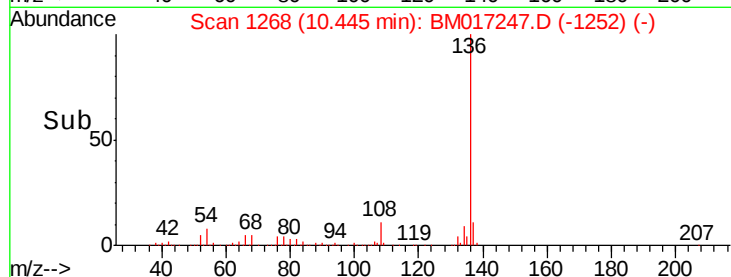
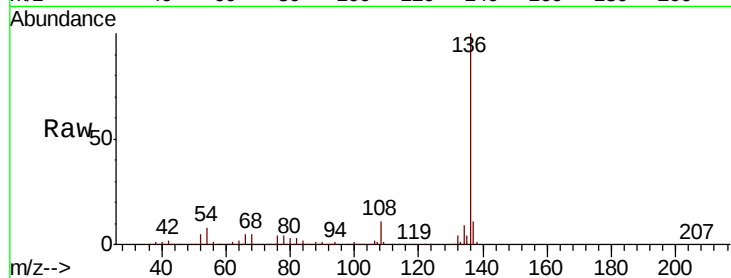




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

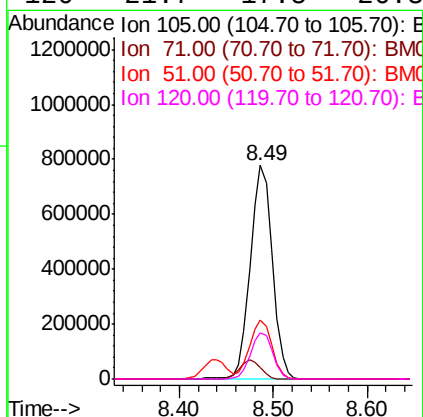
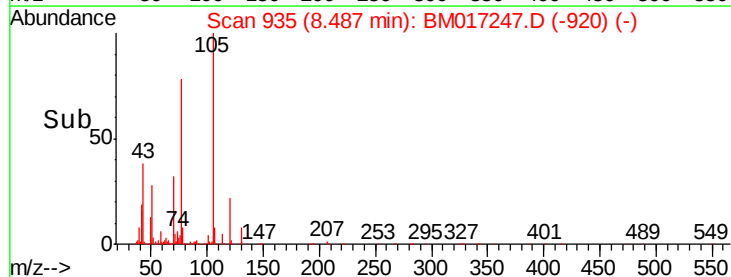
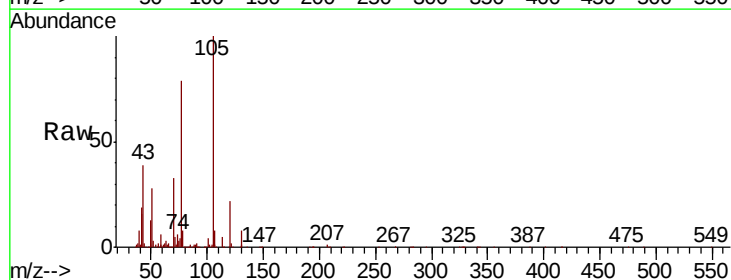
Instrument :
BNA_M
ClientSampled :

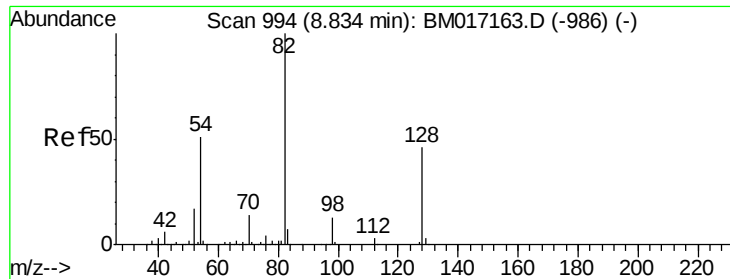
Tot Ion:136	Resp: 1285744
Ion Ratio	Lower Upper
136 100	
137 10.6	9.2 13.8
54 7.7	6.7 10.1
68 5.1	4.7 7.1



#22
Acetophenone
Concen: 38.913 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt	Ion:105	Resp:	1268254
Ion	Ratio	Lower	Upper
105	100		
71	5.4	2.0	3.0#
51	27.8	20.6	31.0
120	21.7	17.5	26.3

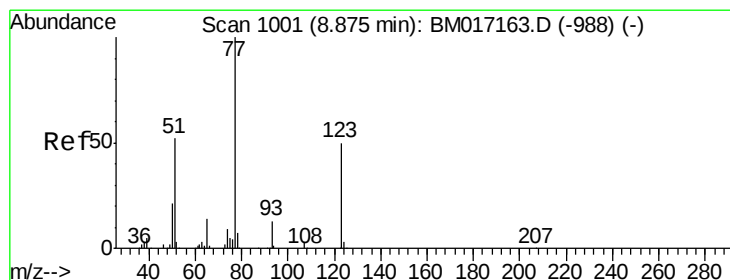
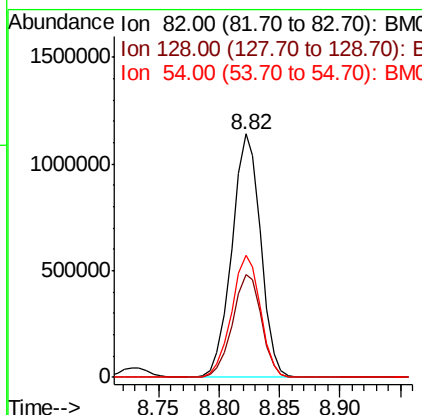
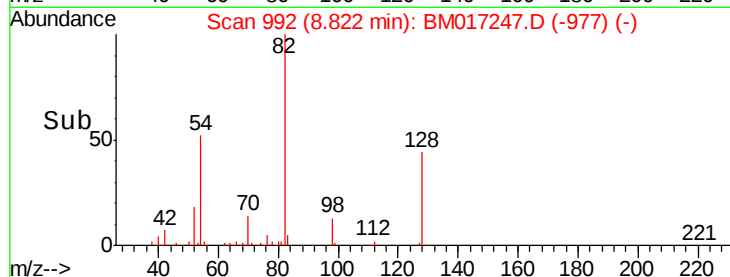
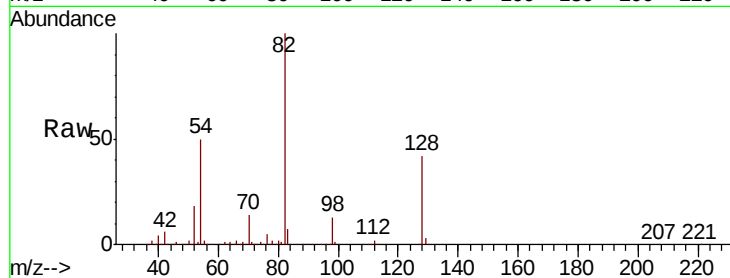




#23
 Nitrobenzene-d5
 Concen: 85.986 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017247.D
 Acq: 20 Oct 2018 03:00

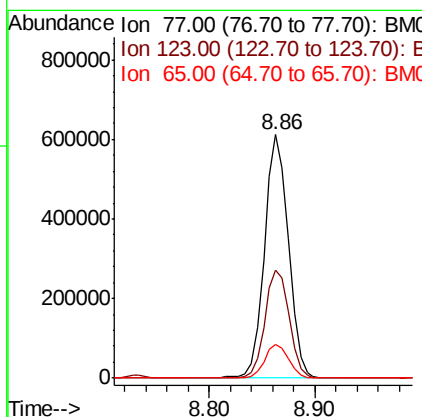
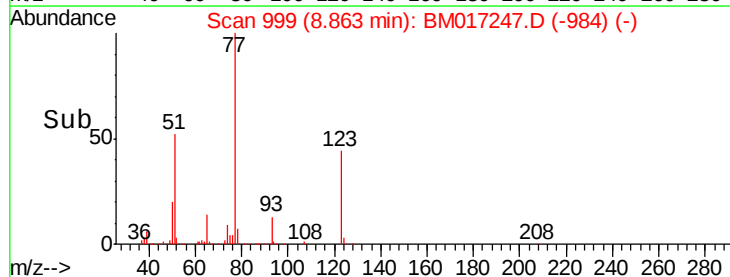
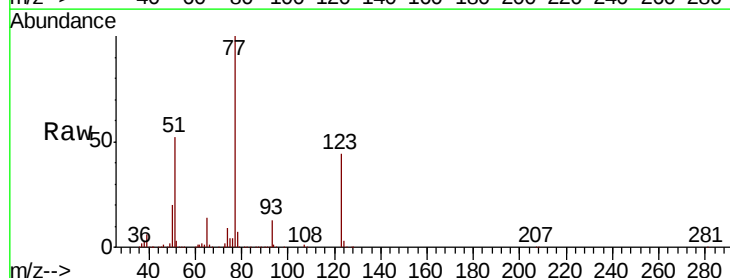
Instrument :
 BNA_M
 ClientSampleId :

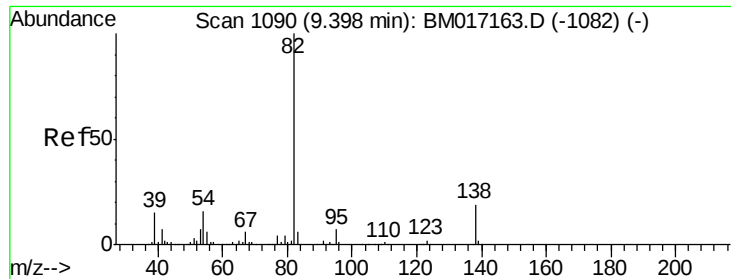
Tot Ion: 82 Resp: 1890320
 Ion Ratio Lower Upper
 82 100
 128 42.5 37.0 55.6
 54 50.0 40.7 61.1



#24
 Nitrobenzene
 Concen: 41.132 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017247.D
 Acq: 20 Oct 2018 03:00

Tgt Ion: 77 Resp: 956488
 Ion Ratio Lower Upper
 77 100
 123 44.4 40.2 60.4
 65 14.0 11.4 17.0

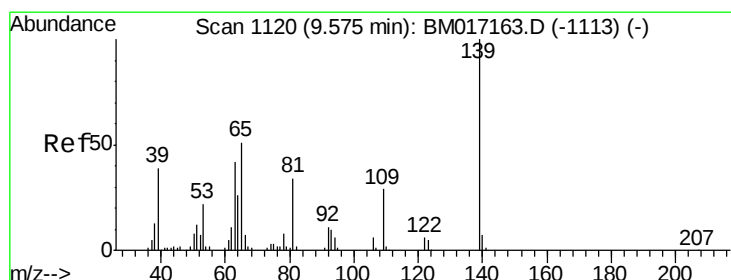
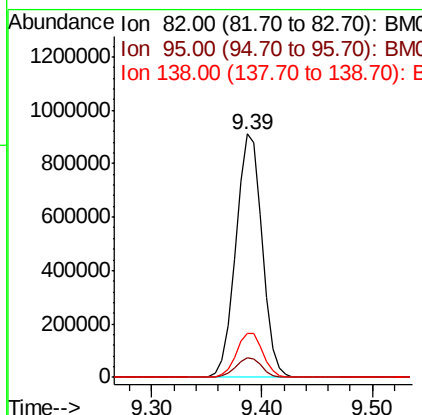
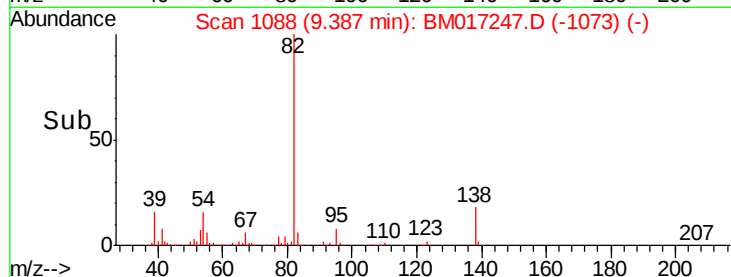
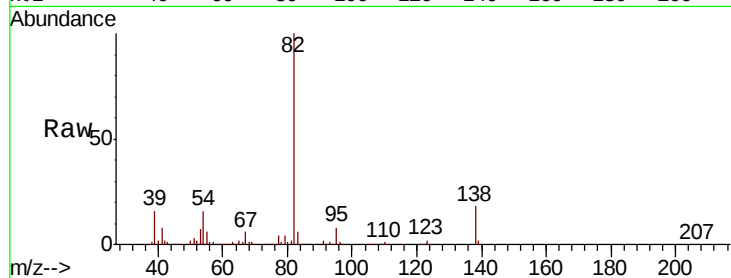




#25
Isophorone
Concen: 41.984 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

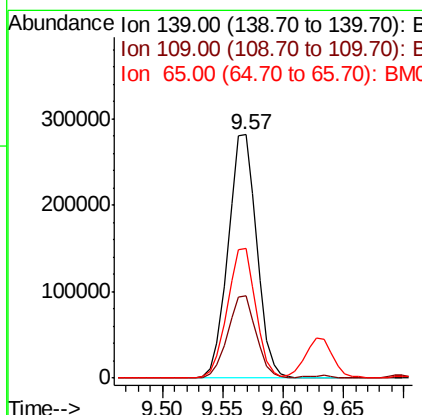
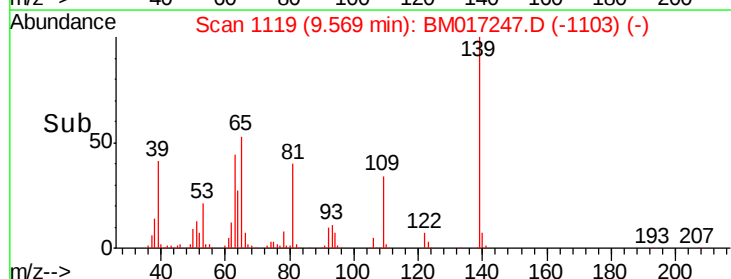
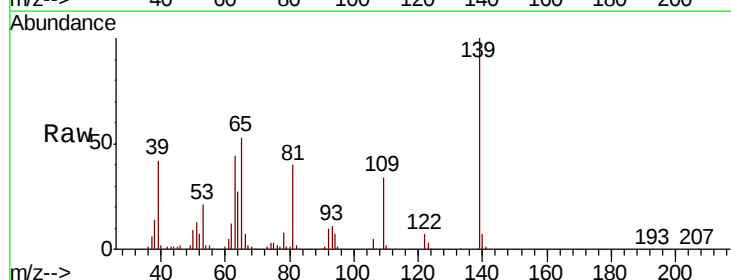
Instrument :
BNA_M
ClientSampleId :

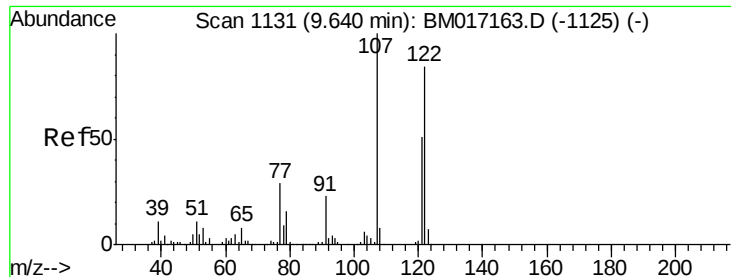
Tot Ion: 82 Resp: 1524103
Ion Ratio Lower Upper
82 100
95 8.0 6.0 9.0
138 18.0 15.4 23.2



#26
2-Nitrophenol
Concen: 43.385 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion: 139 Resp: 465397
Ion Ratio Lower Upper
139 100
109 34.0 23.2 34.8
65 53.1 40.6 61.0

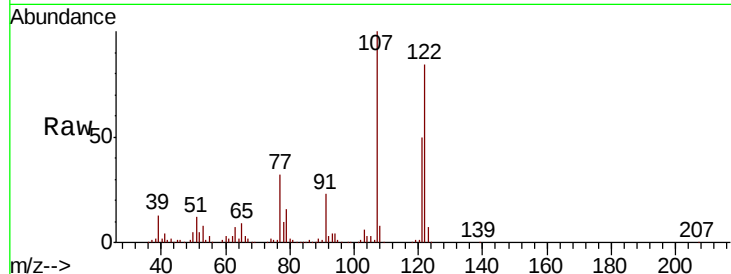




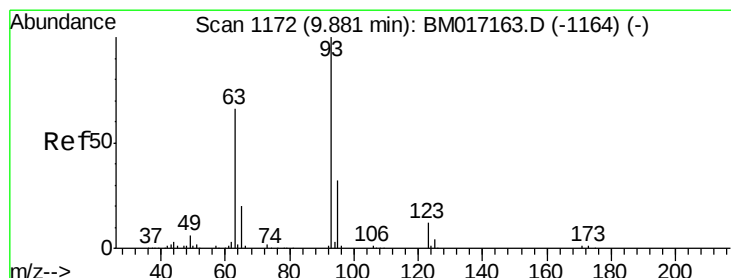
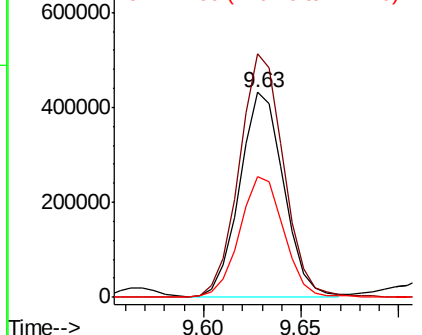
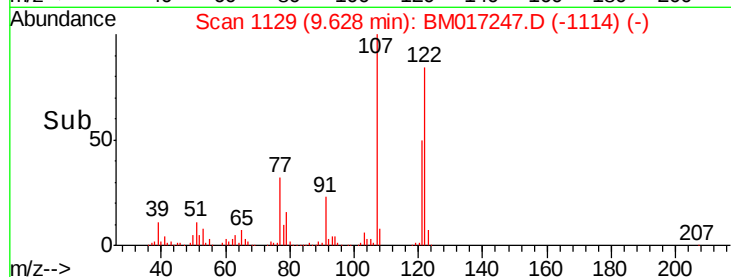
#27
 2,4-Dimethylphenol
 Concen: 41.847 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM017247.D
 Acq: 20 Oct 2018 03:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:122 Resp: 671732
 Ion Ratio Lower Upper
 122 100
 107 118.9 95.0 142.6
 121 59.1 48.2 72.4

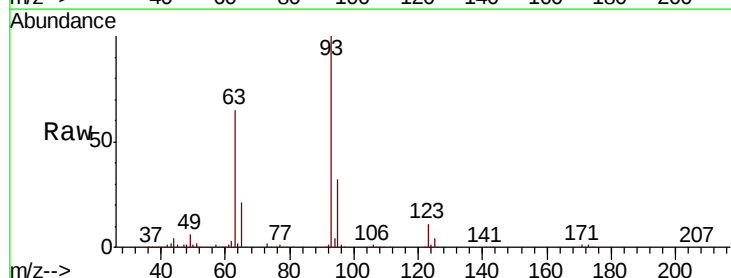


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

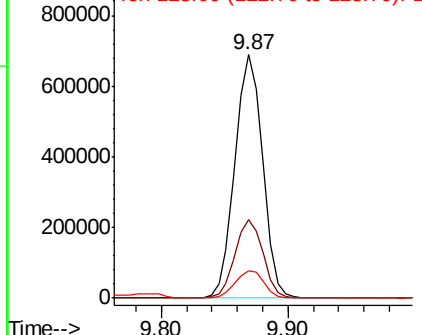
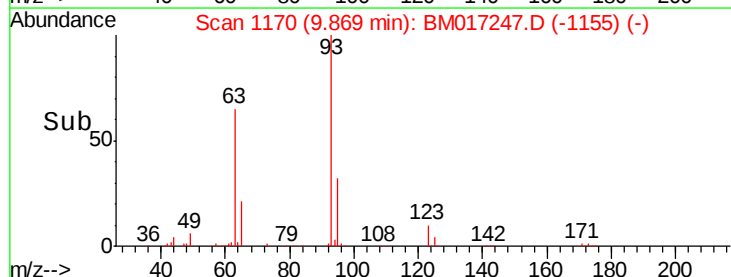


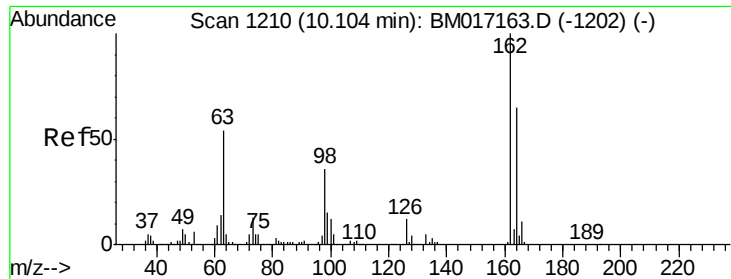
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.756 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM017247.D
 Acq: 20 Oct 2018 03:00

Tgt Ion: 93 Resp: 1041349
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.7 38.5
 123 11.1 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

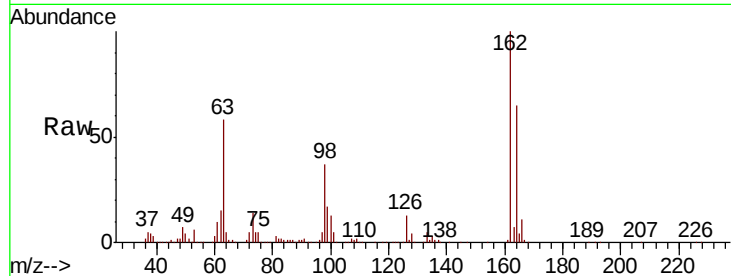




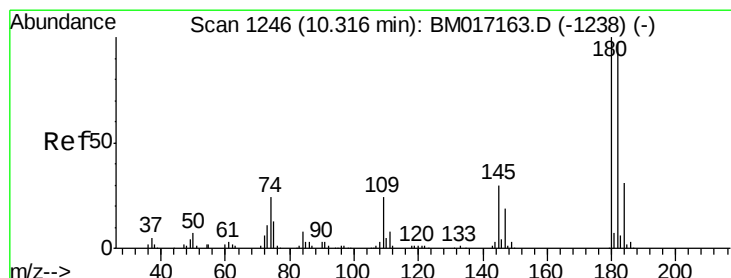
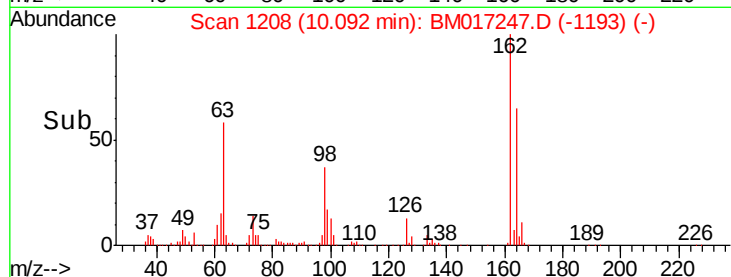
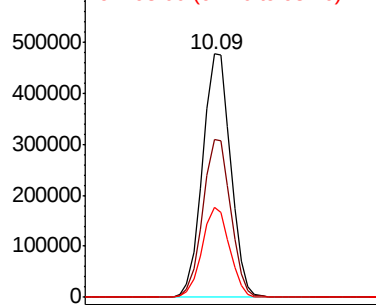
#29
2,4-Dichlorophenol
Concen: 43.174 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 804650
Ion Ratio Lower Upper
162 100
164 65.0 44.9 84.9
98 36.8 15.8 55.8

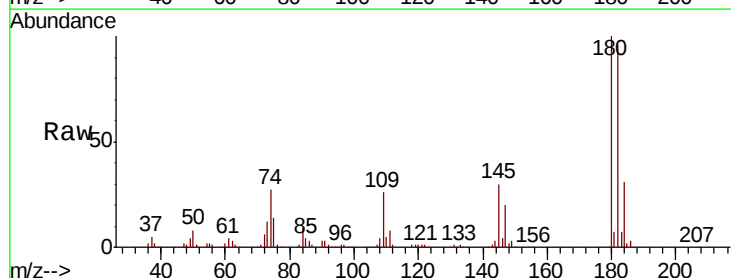


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

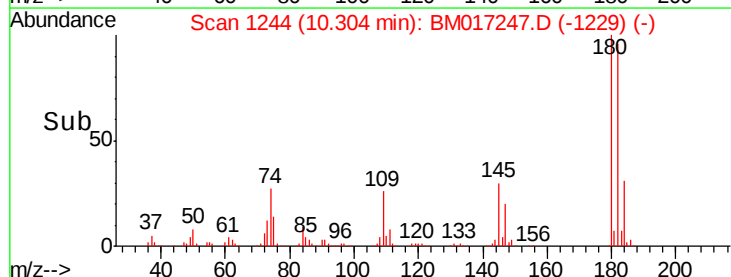
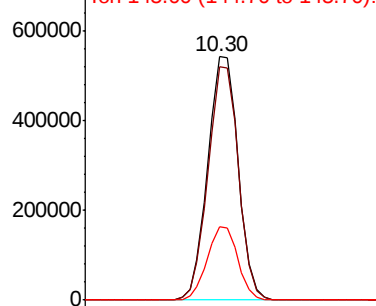


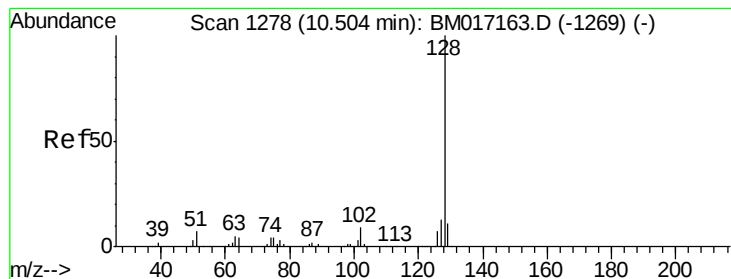
#30
1,2,4-Trichlorobenzene
Concen: 40.231 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:180 Resp: 899464
Ion Ratio Lower Upper
180 100
182 95.8 77.5 116.3
145 30.1 24.0 36.0



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





#31

Naphthalene

Concen: 39.368 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampleId :

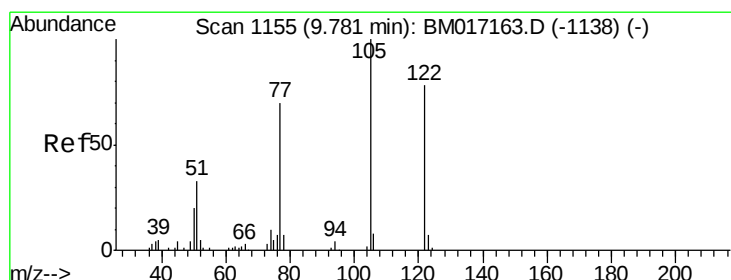
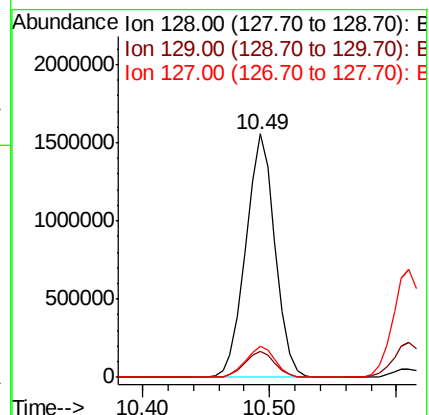
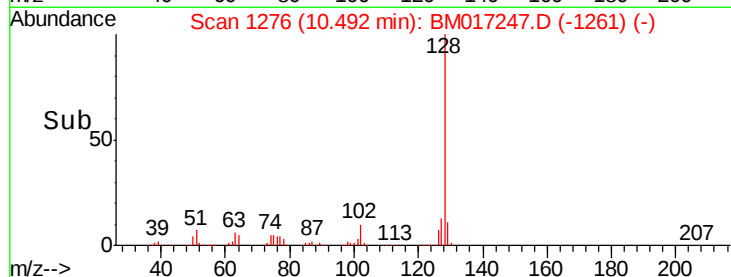
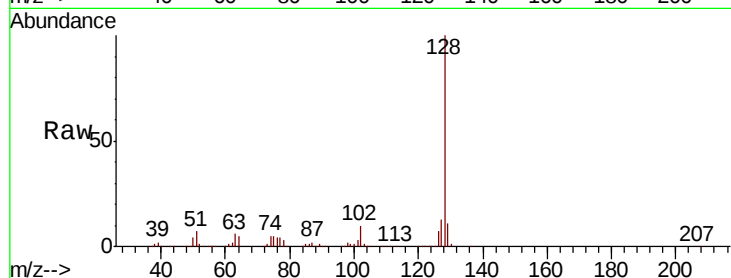
Tot Ion:128 Resp: 2480561

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 12.8 10.3 15.5



#32

Benzoic acid

Concen: 48.114 ng

RT: 9.79 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

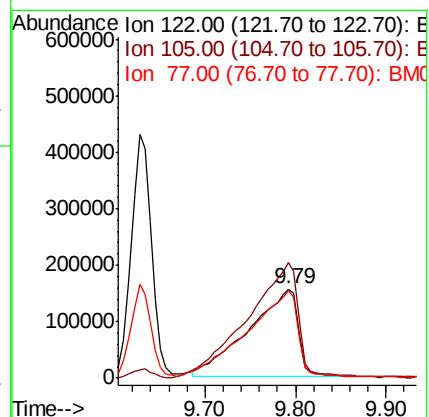
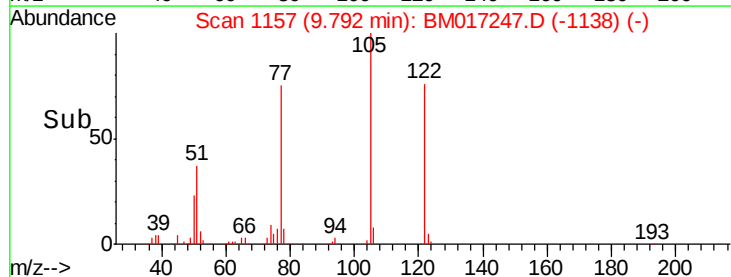
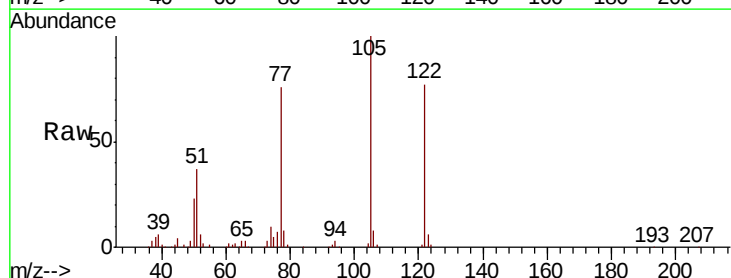
Tgt Ion:122 Resp: 576264

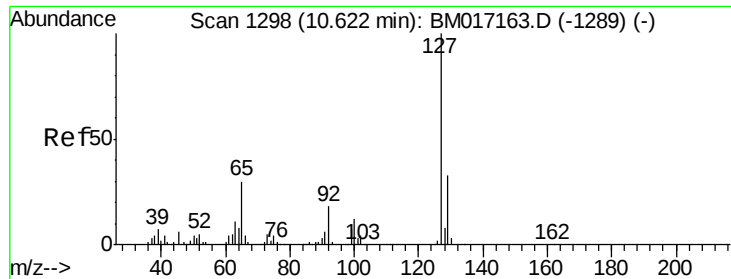
Ion Ratio Lower Upper

122 100

105 129.7 102.0 142.0

77 98.5 67.7 107.7

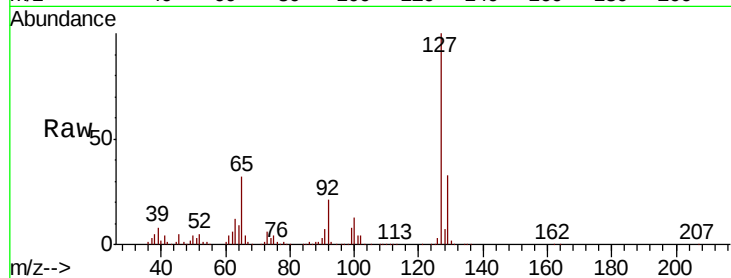




#33
4-Chloroaniline
Concen: 42.042 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	1144080
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	32.3	23.7	35.5
92	20.5	14.3	21.5



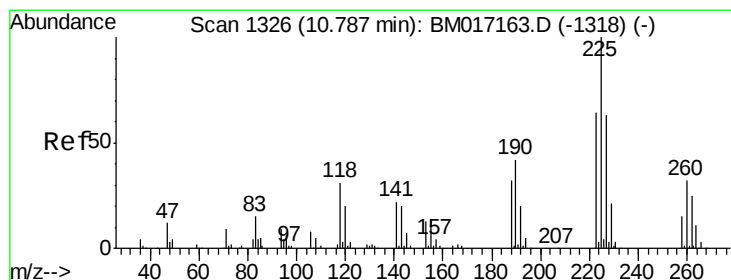
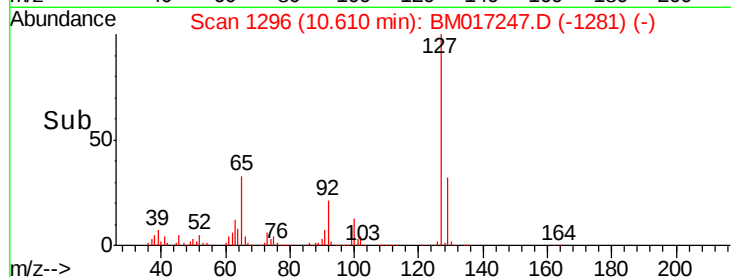
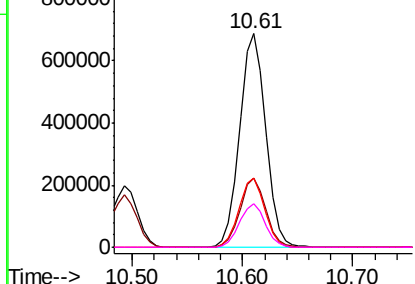
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

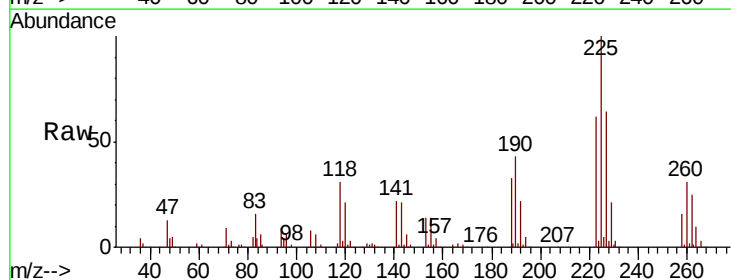
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 40.173 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:	225	Resp:	569094
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	63.9	50.8	76.2

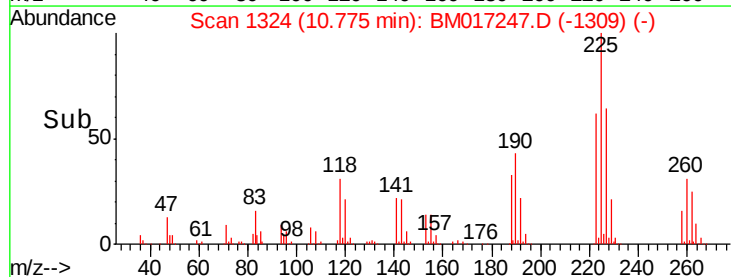
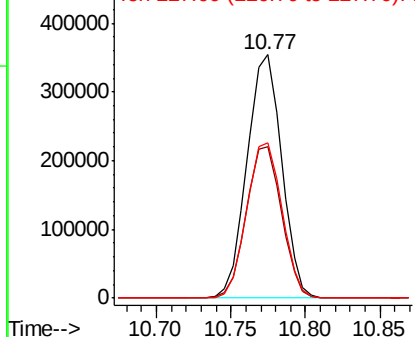


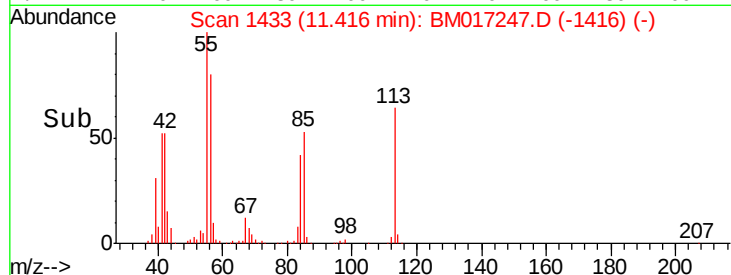
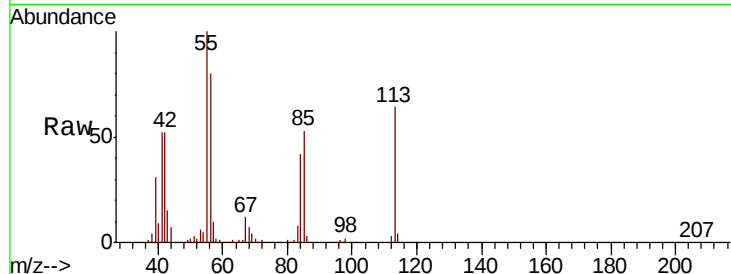
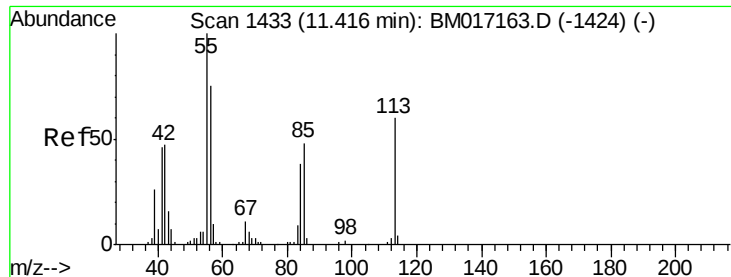
Abundance

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

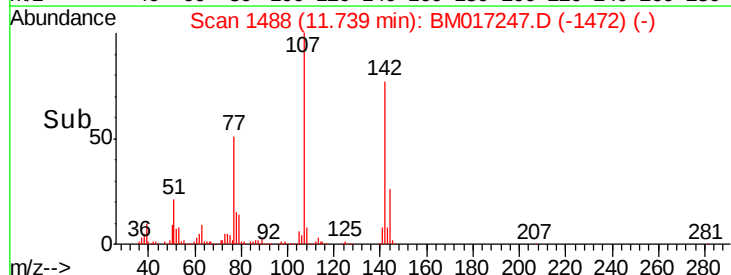
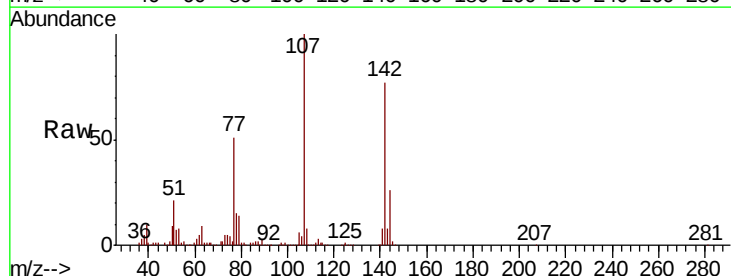
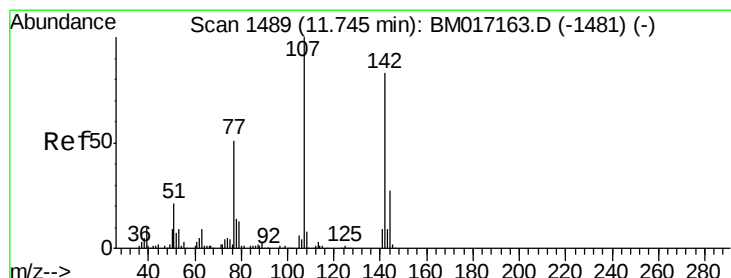
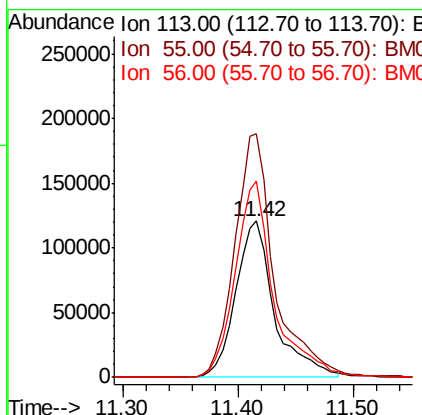




#35
Caprolactam
Concen: 41.438 ng
RT: 11.42 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

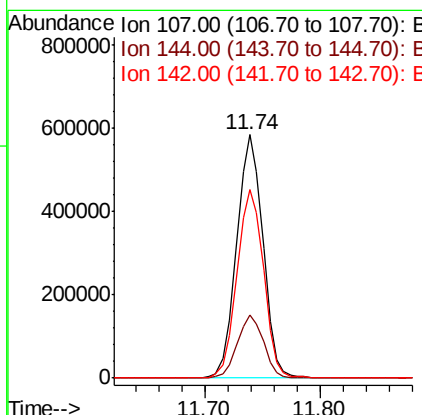
Instrument :
BNA_M
ClientSampleId :

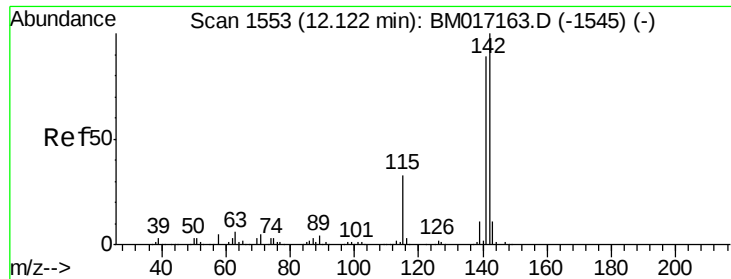
Tot Ion:113 Resp: 281458
Ion Ratio Lower Upper
113 100
55 155.7 147.0 187.0
56 125.3 104.5 144.5



#36
4-Chloro-3-methylphenol
Concen: 43.713 ng
RT: 11.74 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:107 Resp: 918337
Ion Ratio Lower Upper
107 100
144 26.0 21.6 32.4
142 77.4 66.0 99.0

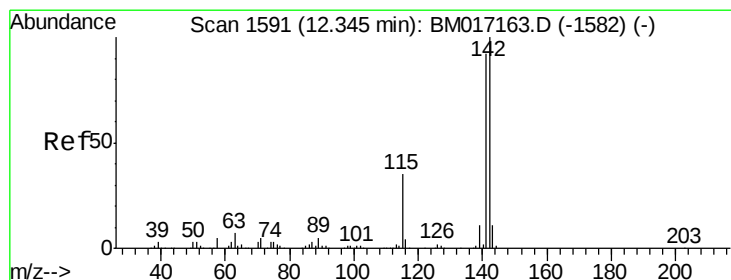
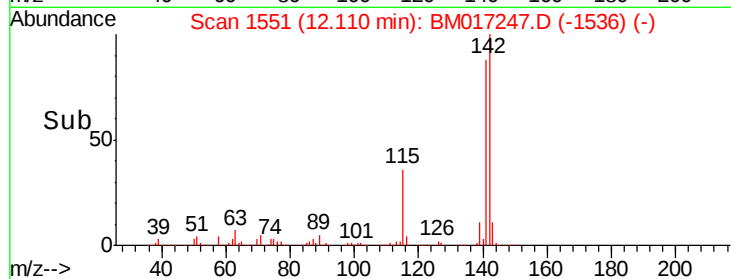
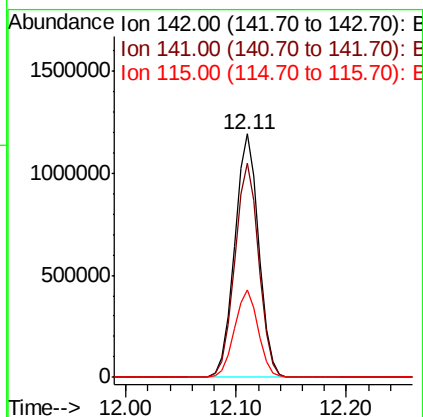
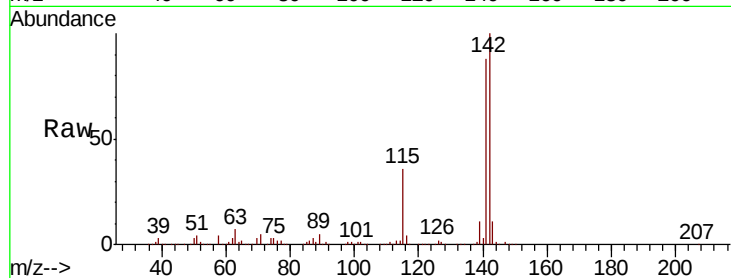




#37
2-Methylnaphthalene
Concen: 42.184 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

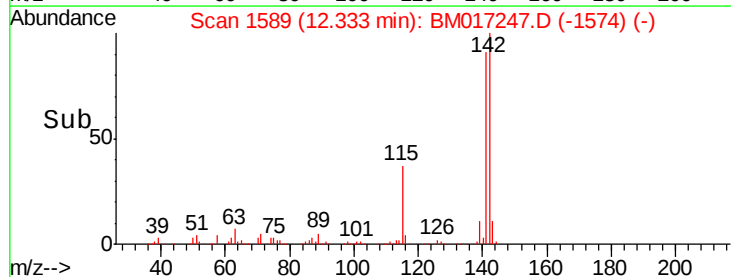
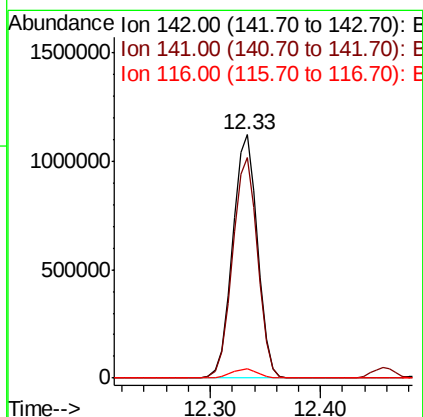
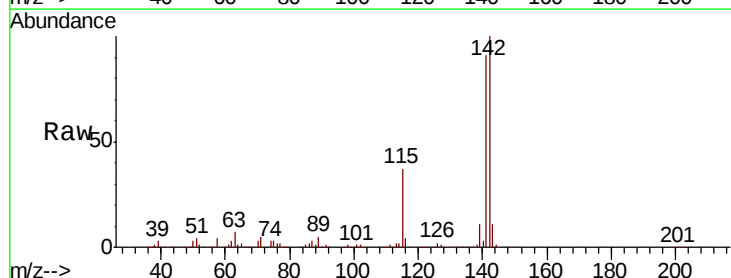
Instrument :
BNA_M
ClientSampleId :

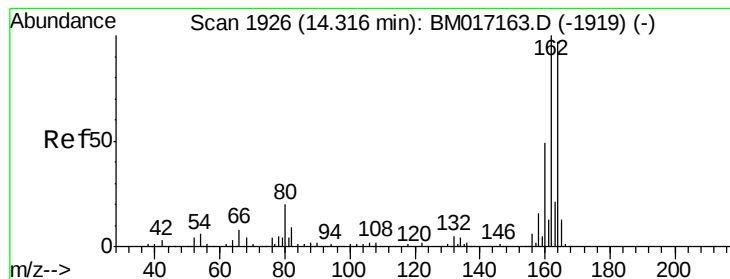
Tot Ion:142 Resp: 1818870
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3
115 35.7 26.4 39.6



#38
1-Methylnaphthalene
Concen: 42.206 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:142 Resp: 1771208
Ion Ratio Lower Upper
142 100
141 90.8 73.8 110.6
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampleId :

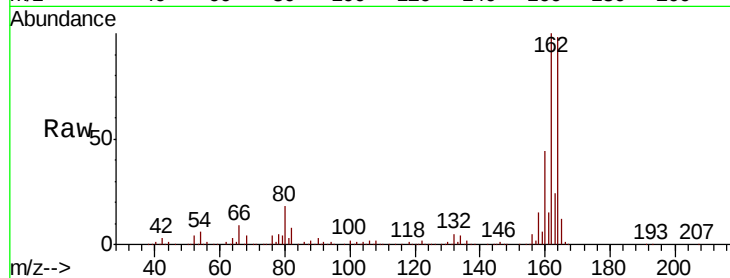
Tot Ion:164 Resp: 798463

Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

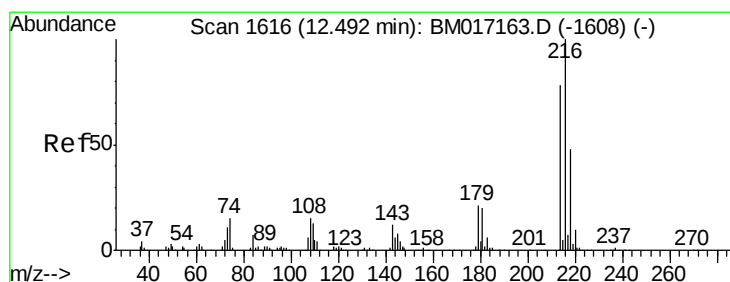
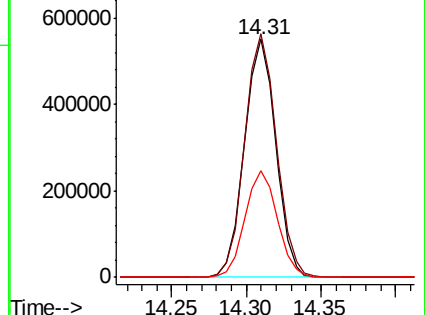
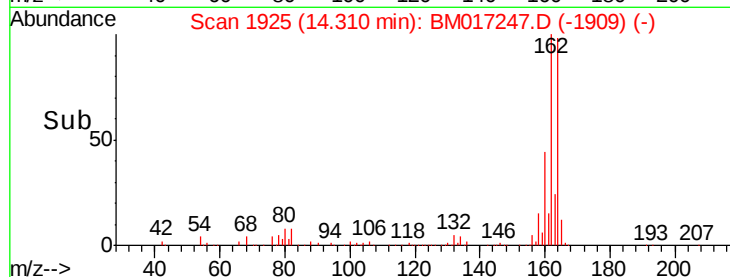
160 44.6 40.2 60.2



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: 39.588 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Tgt Ion:216 Resp: 1113179

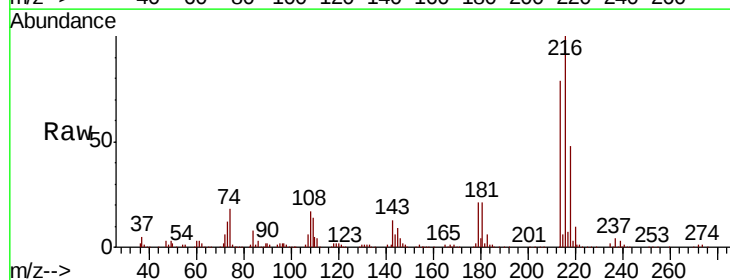
Ion Ratio Lower Upper

216 100

214 78.1 62.6 93.8

179 21.2 16.6 24.8

108 17.9 13.5 20.3

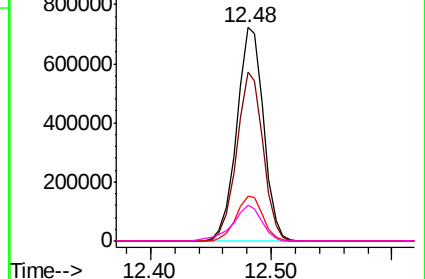
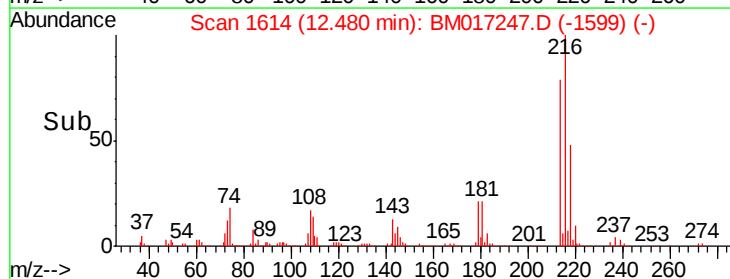


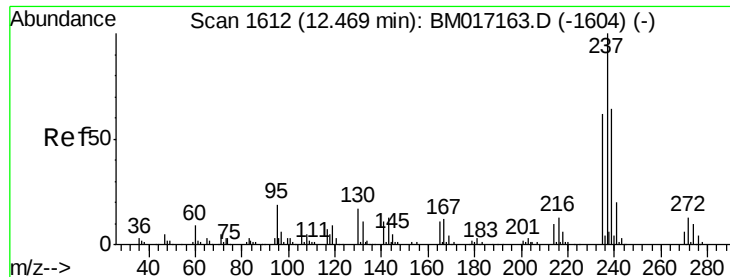
Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.445 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampleId :

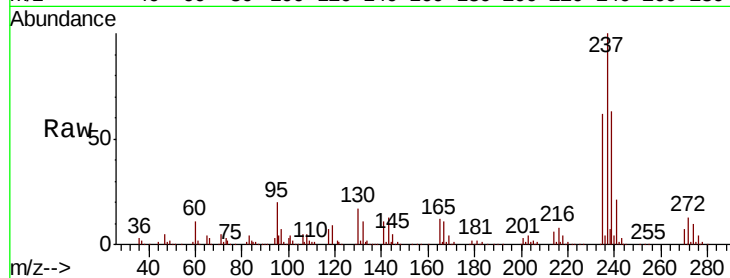
Tot Ion:237 Resp: 617775

Ion Ratio Lower Upper

237 100

235 61.6 42.4 82.4

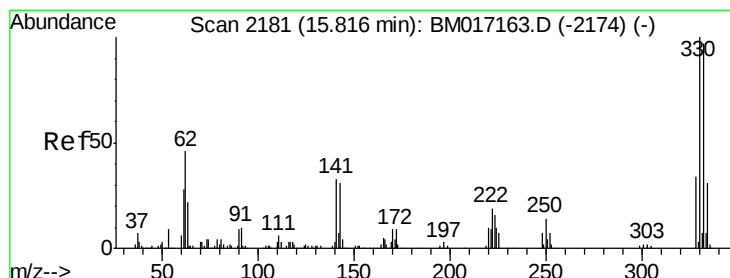
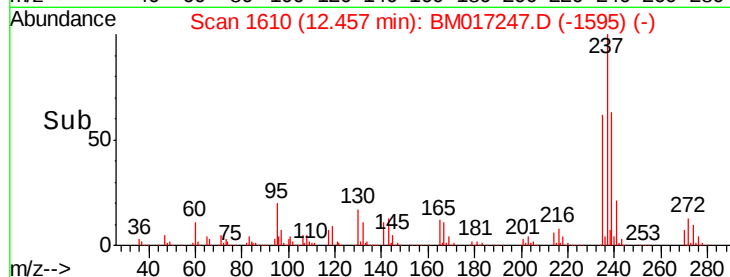
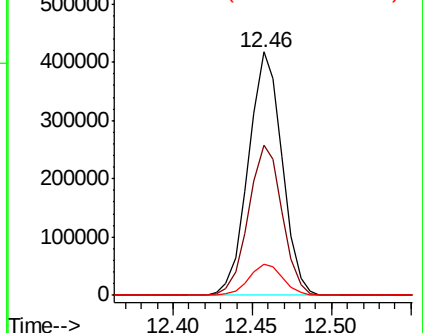
272 12.7 0.0 33.0



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: 86.927 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

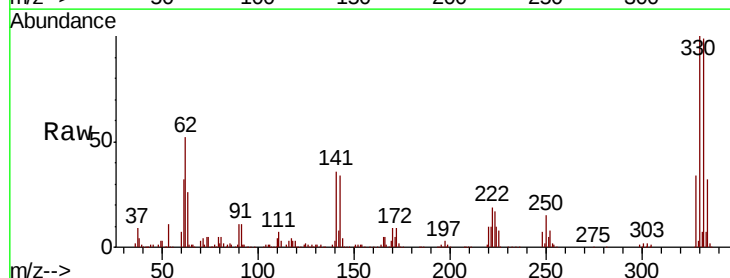
Tgt Ion:330 Resp: 938643

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

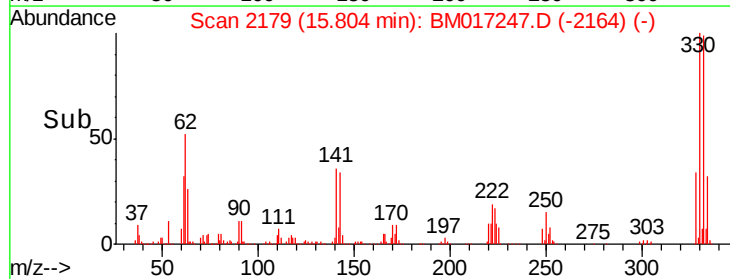
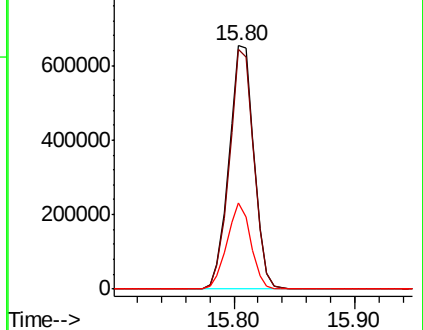
141 34.0 27.4 41.0

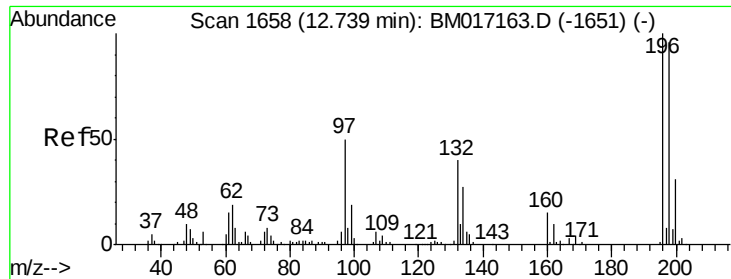


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

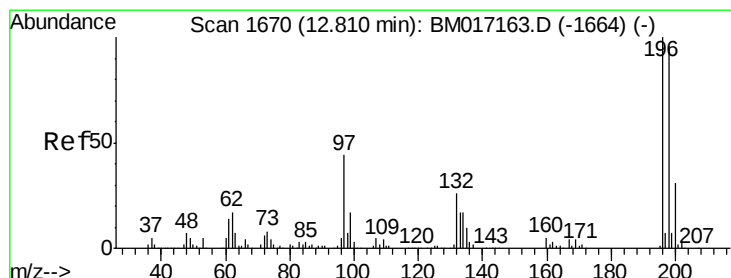
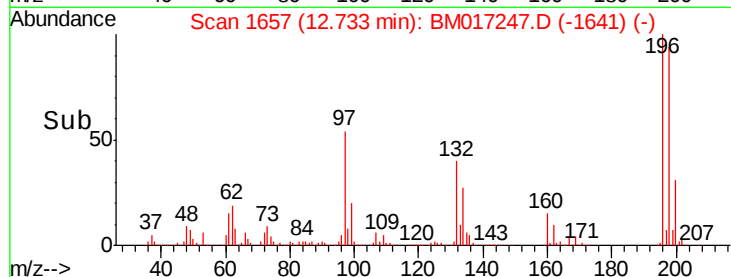
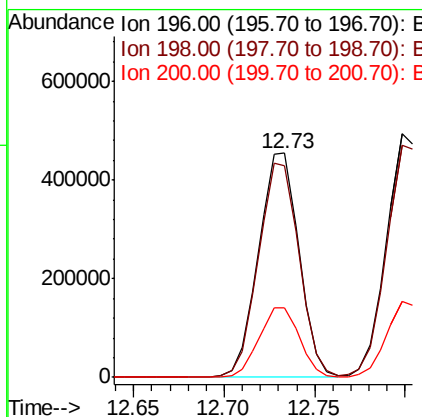
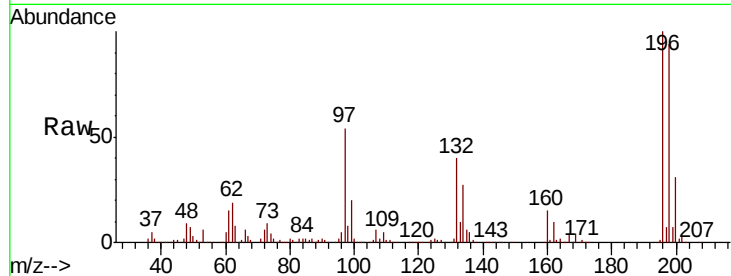




#43
 2,4,6-Trichlorophenol
 Concen: 43.353 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017247.D
 Acq: 20 Oct 2018 03:00

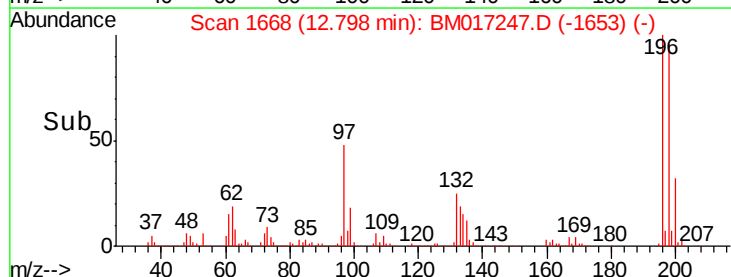
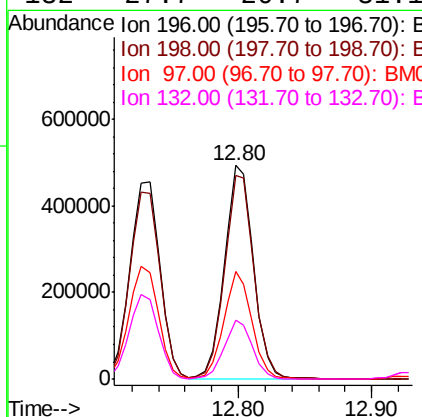
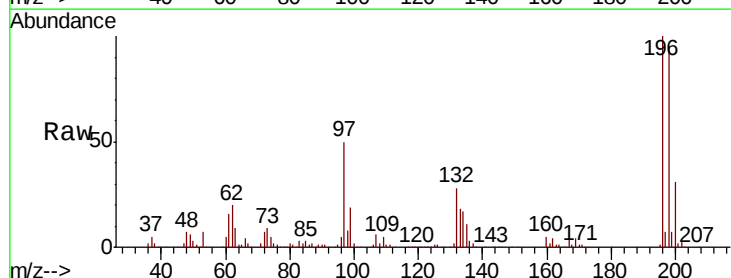
Instrument :
 BNA_M
 ClientSampleId :

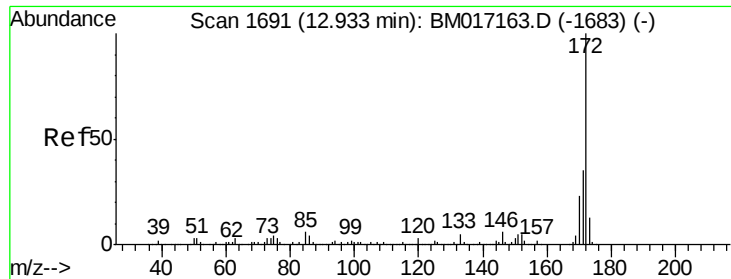
Tot Ion:196 Resp: 707661
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.1 115.7
 200 31.0 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.596 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017247.D
 Acq: 20 Oct 2018 03:00

Tgt Ion:196 Resp: 745600
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.6 115.0
 97 50.5 35.5 53.3
 132 27.7 20.7 31.1

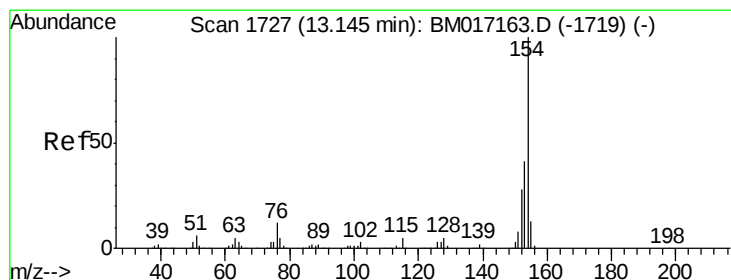
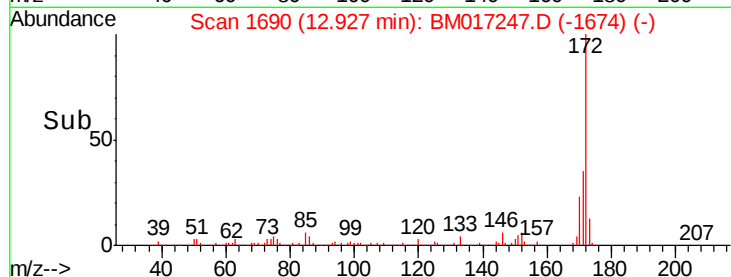
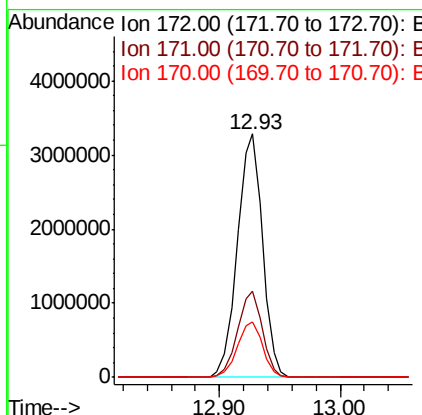
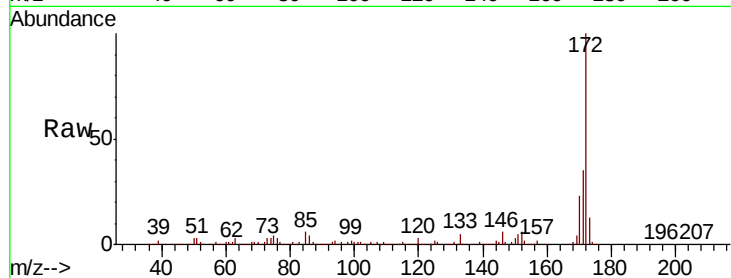




#45
2-Fluorobiphenyl
Concen: 79.295 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

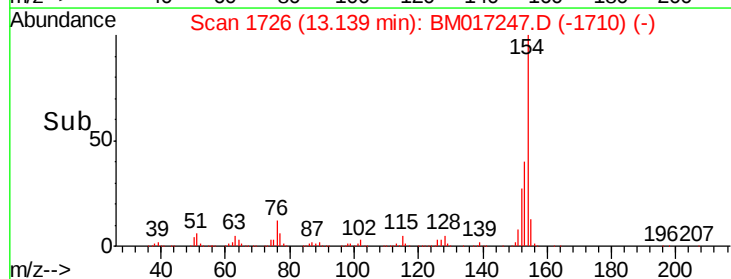
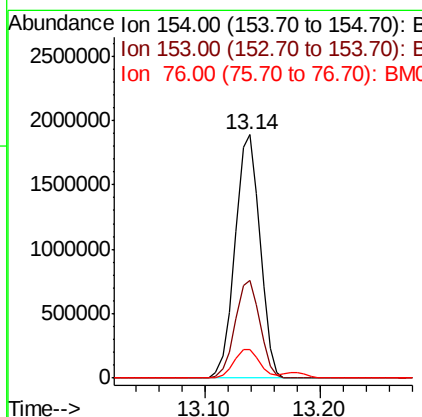
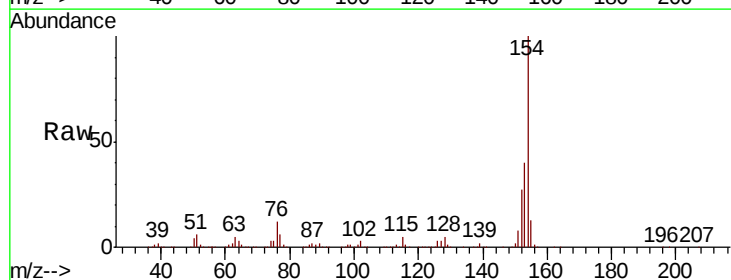
Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 4758547
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.9 18.3 27.5



#46
1,1'-Biphenyl
Concen: 39.194 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:154 Resp: 2816217
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 12.0 0.0 31.8

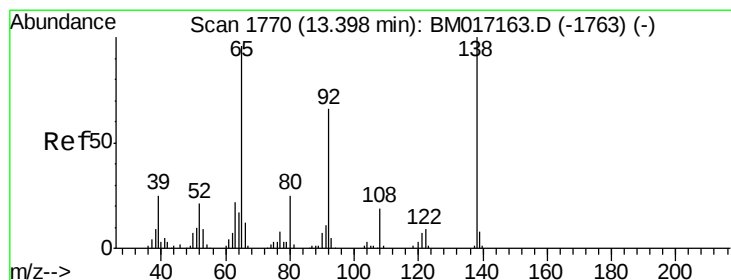
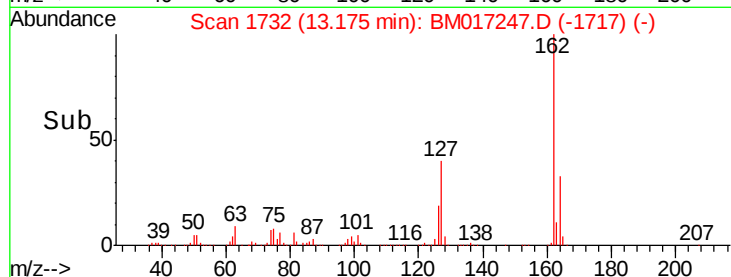
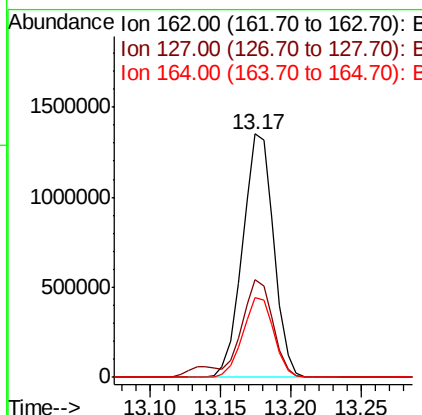
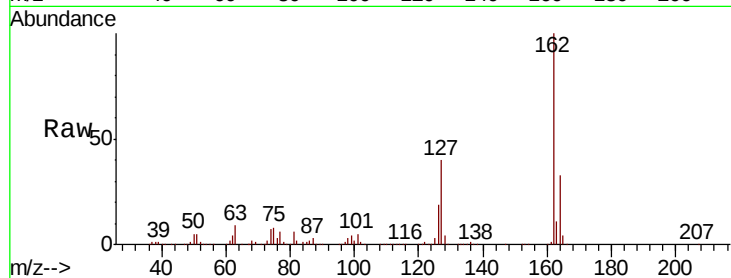




#47
2-Chloronaphthalene
Concen: 39.436 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

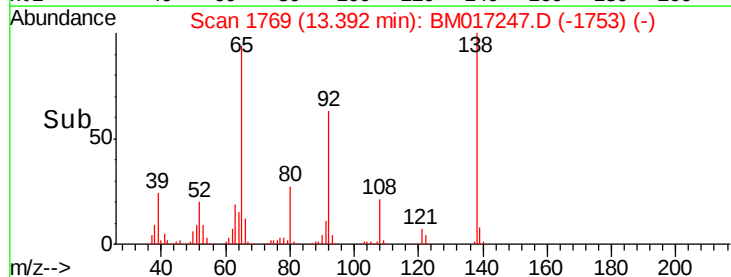
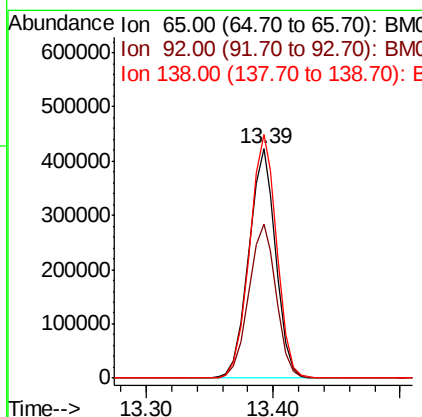
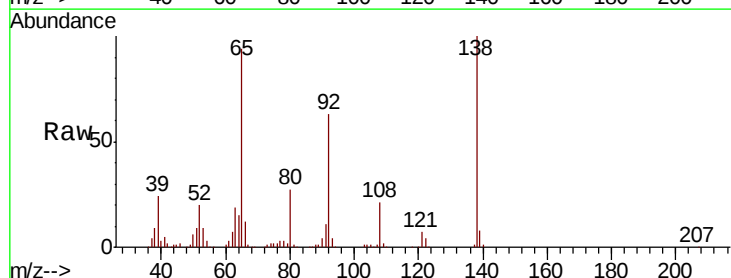
Instrument :
BNA_M
ClientSampleId :

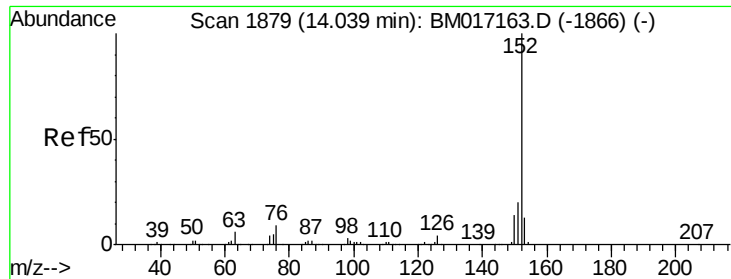
Tot Ion:162 Resp: 2084619
Ion Ratio Lower Upper
162 100
127 40.0 31.0 46.4
164 32.5 26.6 39.8



#48
2-Nitroaniline
Concen: 42.524 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion: 65 Resp: 624062
Ion Ratio Lower Upper
65 100
92 67.1 54.9 82.3
138 106.4 83.7 125.5





#49

Acenaphthylene

Concen: 41.125 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampled :

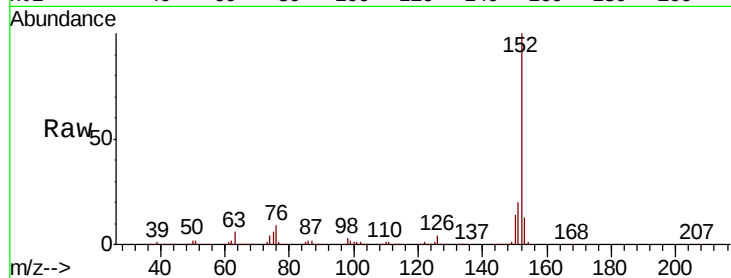
Tot Ion:152 Resp: 3151030

Ion Ratio Lower Upper

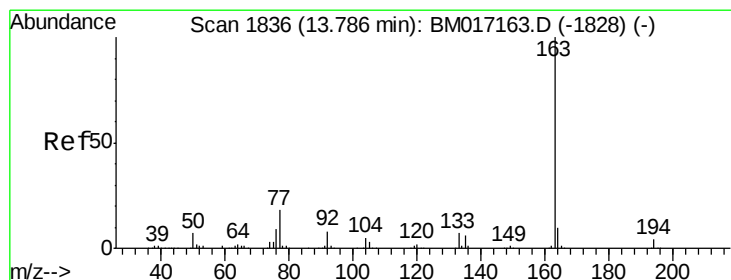
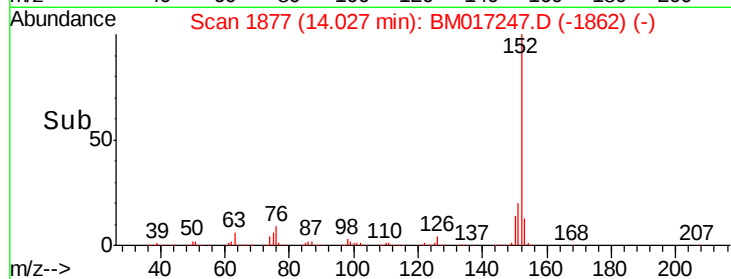
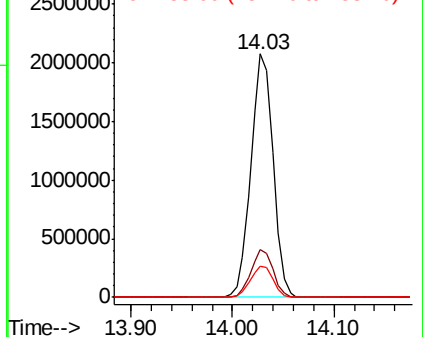
152 100

151 19.7 16.0 24.0

153 13.0 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: 41.531 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

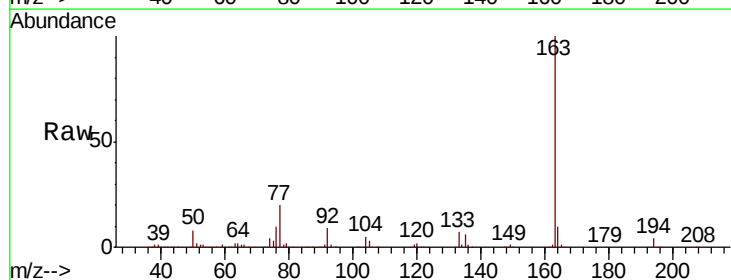
Tgt Ion:163 Resp: 2558412

Ion Ratio Lower Upper

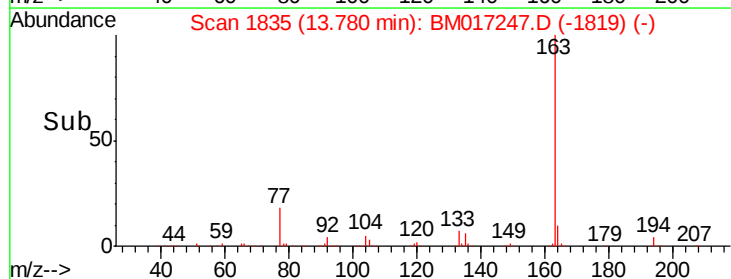
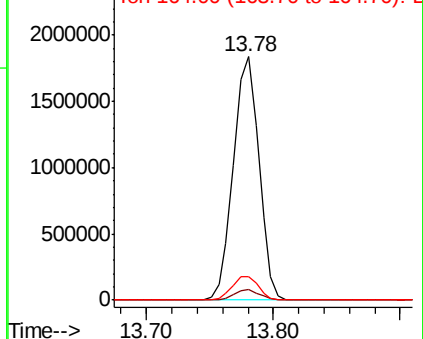
163 100

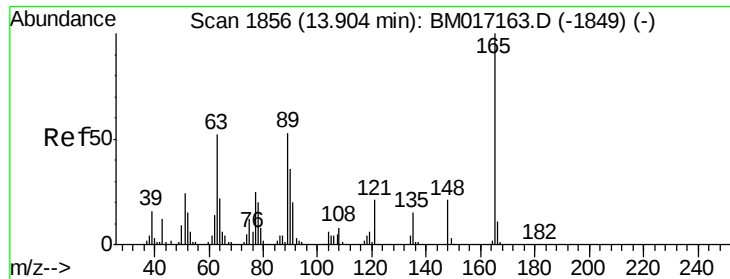
194 4.2 3.3 4.9

164 9.8 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

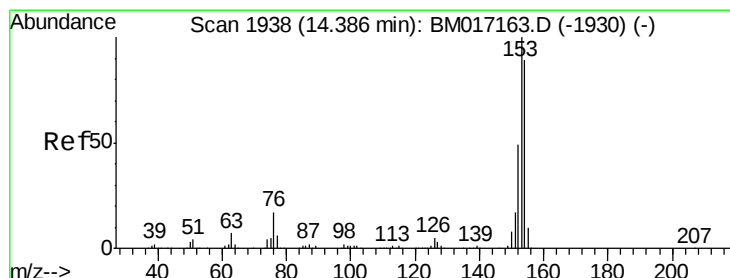
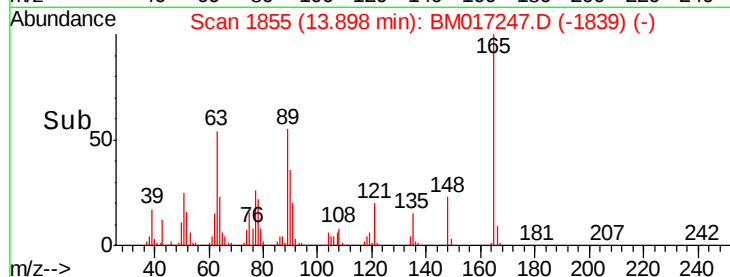
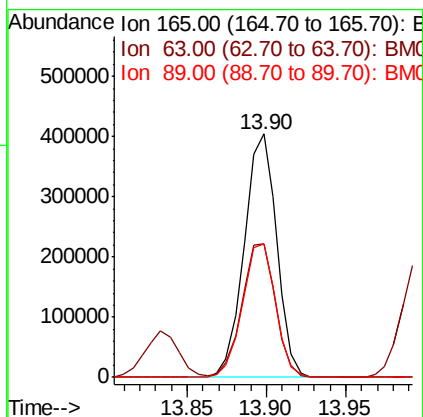
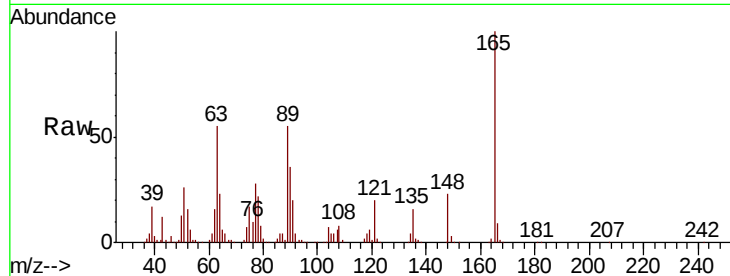




#51
 2,6-Dinitrotoluene
 Concen: 42.347 ng
 RT: 13.90 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BM017247.D
 Acq: 20 Oct 2018 03:00

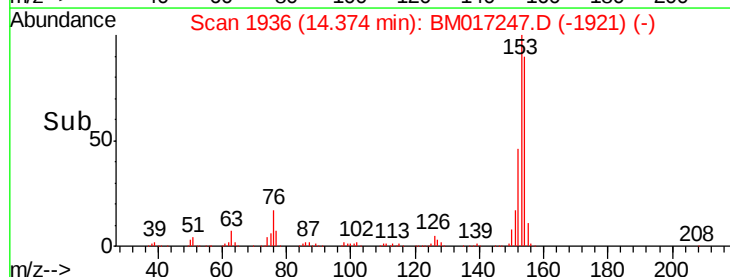
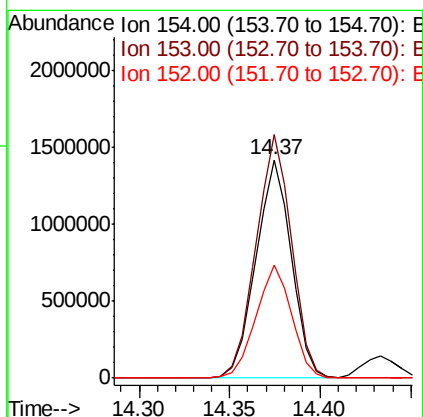
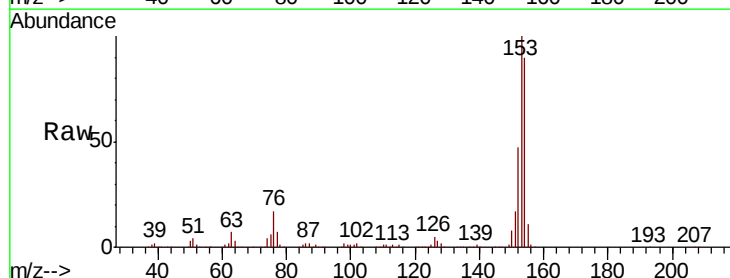
Instrument :
 BNA_M
 ClientSampled :

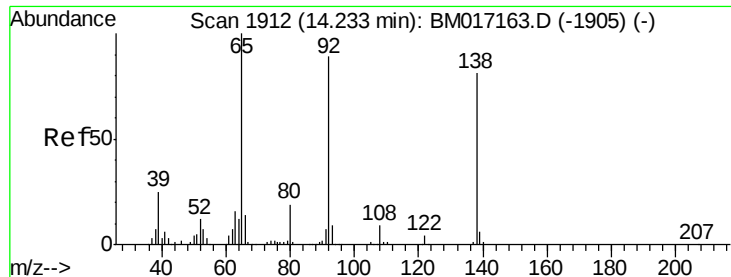
Tot Ion:165 Resp: 574150
 Ion Ratio Lower Upper
 165 100
 63 54.6 42.7 64.1
 89 54.6 42.1 63.1



#52
 Acenaphthene
 Concen: 40.009 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM017247.D
 Acq: 20 Oct 2018 03:00

Tgt Ion:154 Resp: 1924779
 Ion Ratio Lower Upper
 154 100
 153 111.5 90.2 135.2
 152 51.9 44.2 66.4

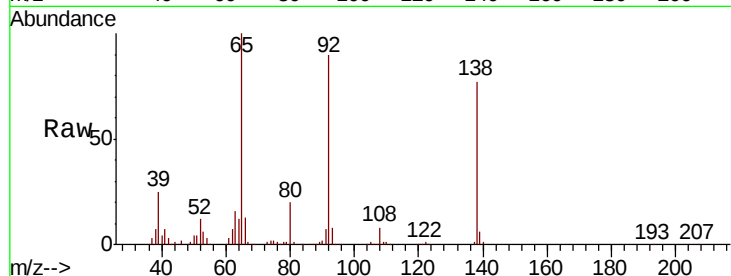




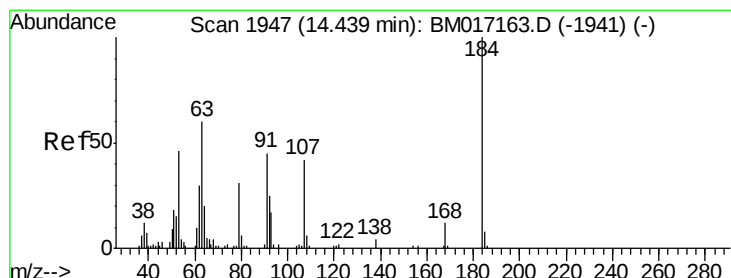
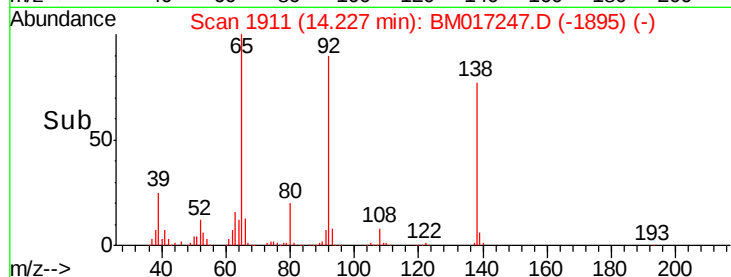
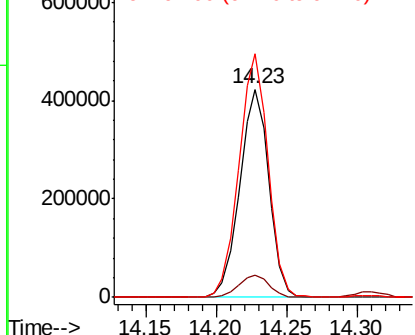
#53
3-Nitroaniline
Concen: 41.552 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 610163
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 116.9 87.9 131.9

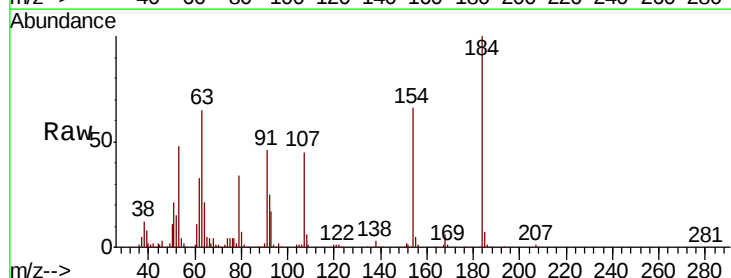


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

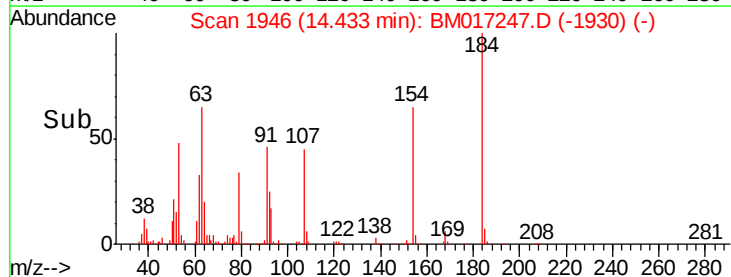
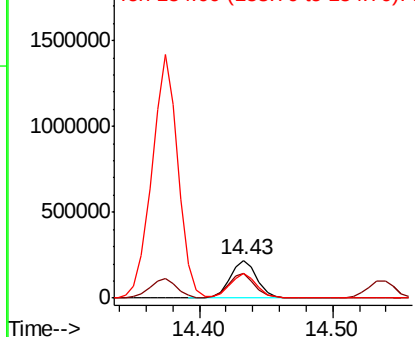


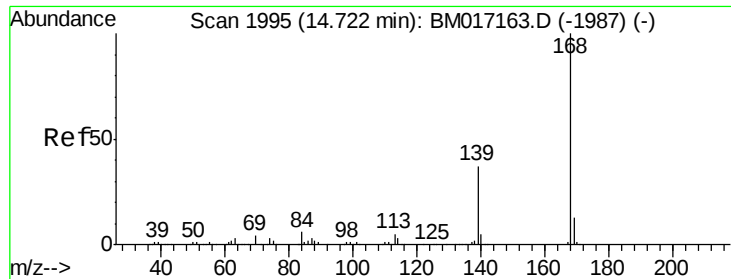
#54
2,4-Dinitrophenol
Concen: 43.236 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:184 Resp: 310383
Ion Ratio Lower Upper
184 100
63 64.8 51.2 76.8
154 65.8 47.8 71.8



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

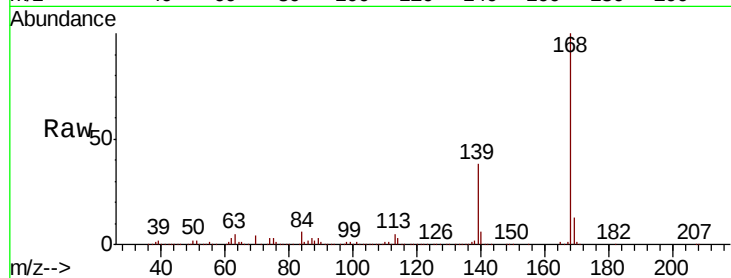




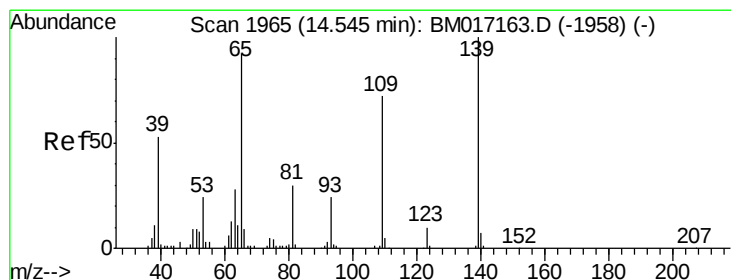
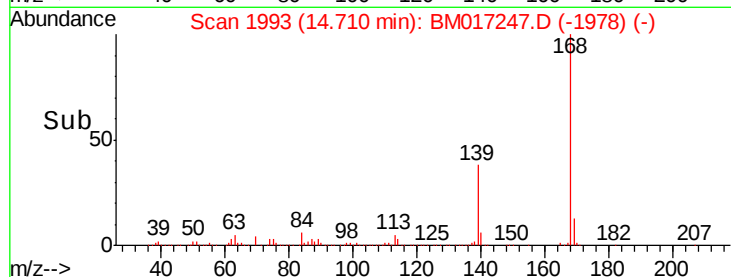
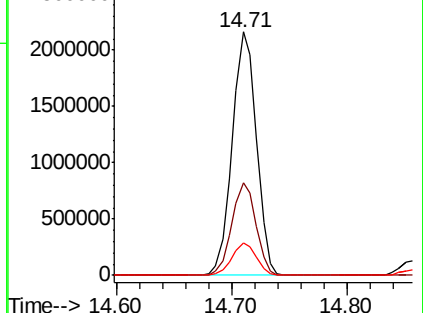
#55
Dibenzofuran
Concen: 39.132 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampled :

Tot Ion:168 Resp: 3130619
Ion Ratio Lower Upper
168 100
139 38.1 29.3 43.9
169 13.5 10.6 15.8

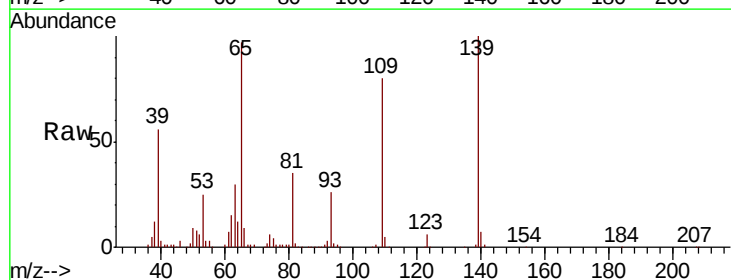


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

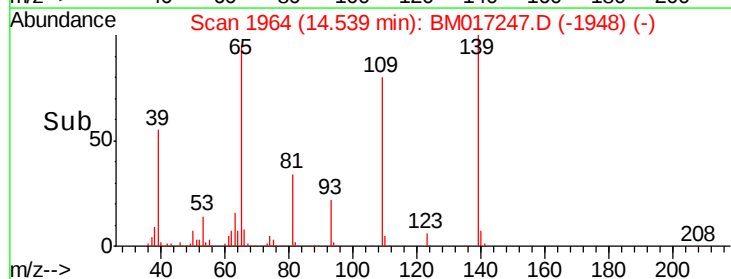
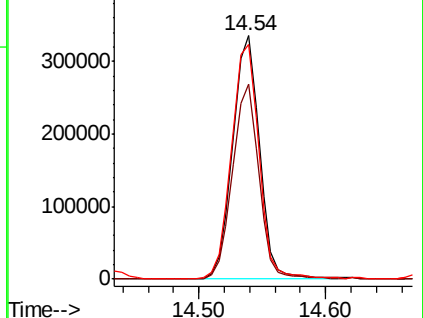


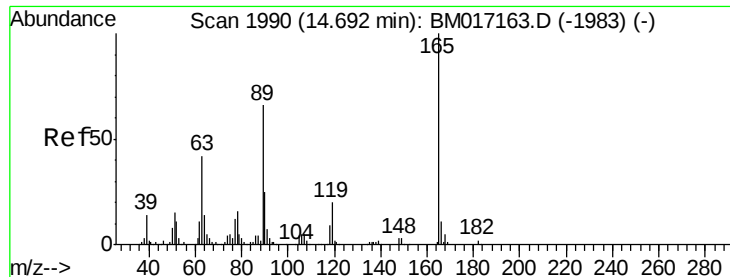
#56
4-Nitrophenol
Concen: 39.293 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:139 Resp: 491726
Ion Ratio Lower Upper
139 100
109 80.3 51.8 91.8
65 96.6 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

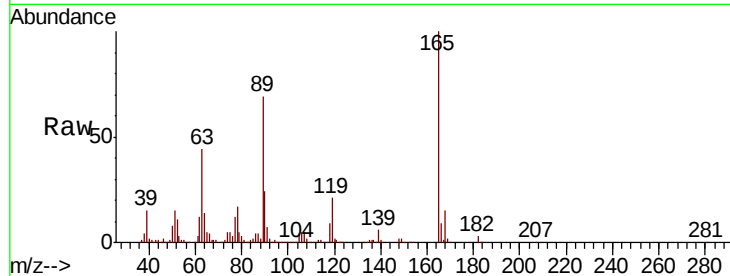




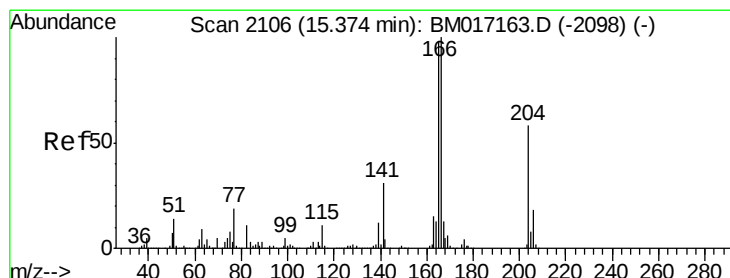
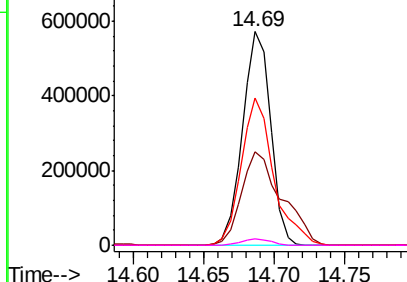
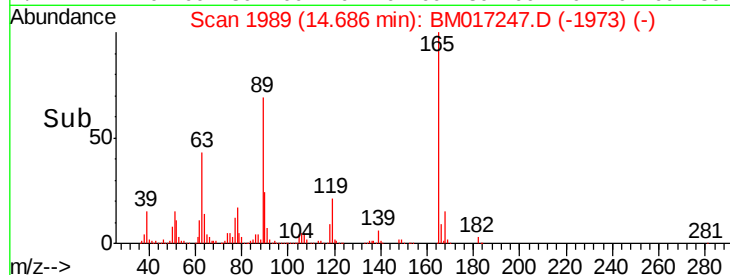
#57
2,4-Dinitrotoluene
Concen: 43.800 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165	Resp:	798165
Ion	Ratio	Lower Upper
165	100	
63	43.6	33.8 50.8
89	68.9	53.1 79.7
182	3.0	2.0 3.0

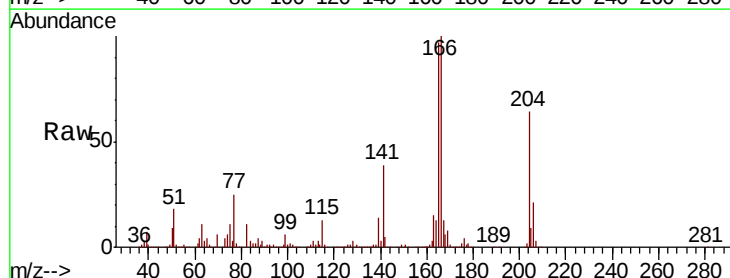


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

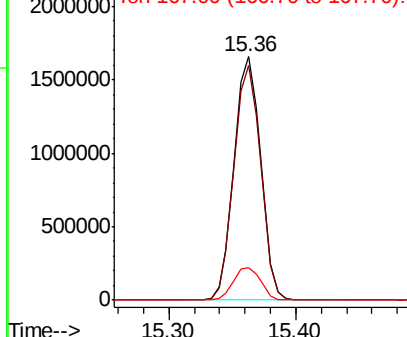
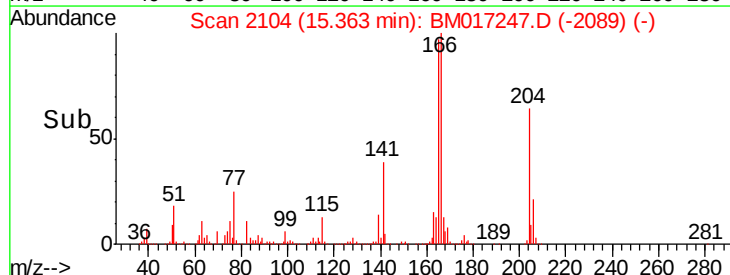


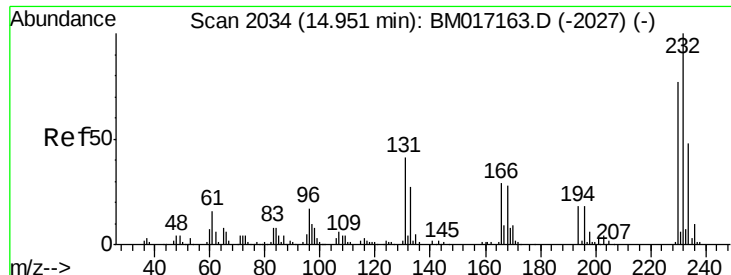
#58
Fluorene
Concen: 40.513 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:166	Resp:	2399024
Ion	Ratio	Lower Upper
166	100	
165	96.5	78.1 117.1
167	13.3	10.6 16.0



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

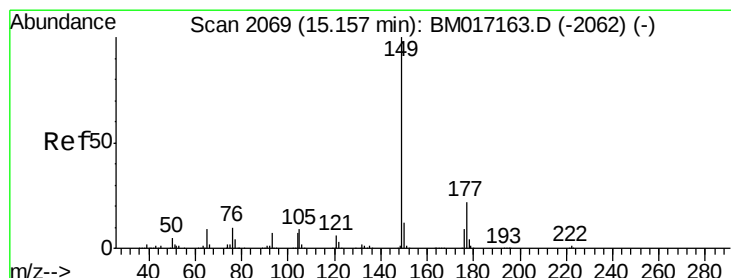
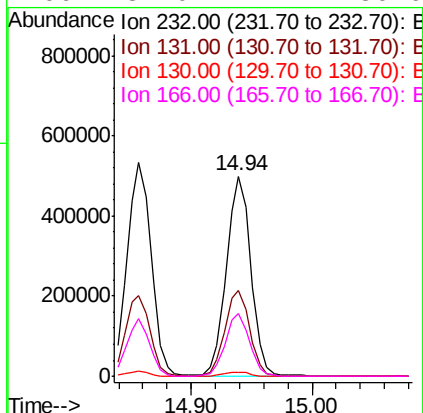
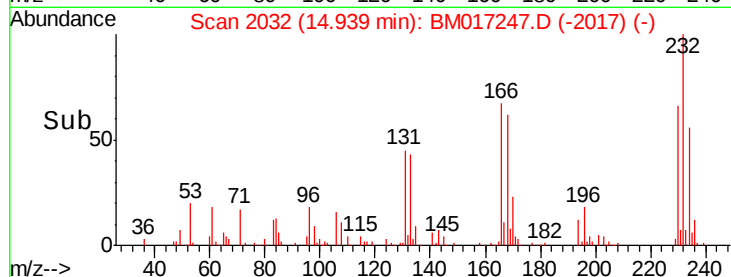
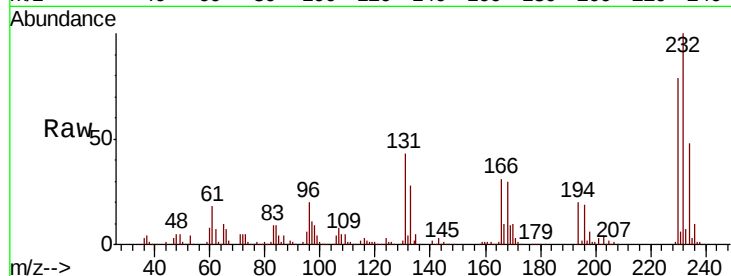




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.906 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

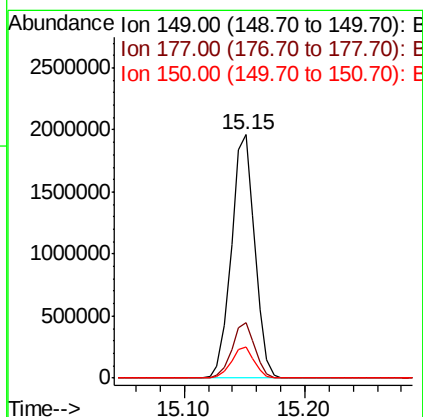
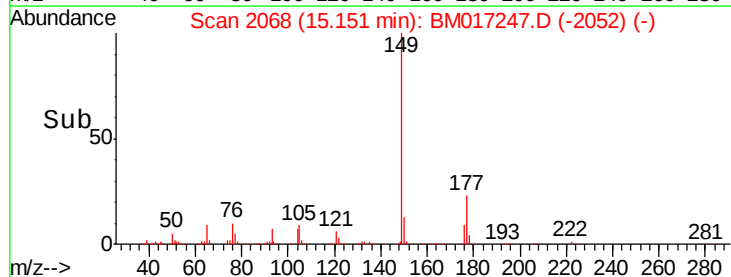
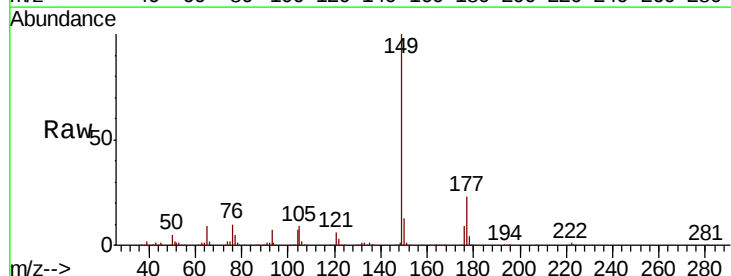
Instrument :
BNA_M
ClientSampleId :

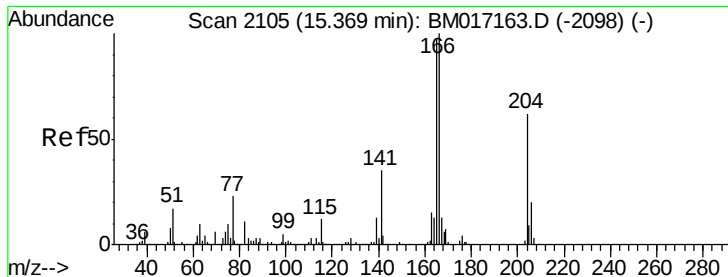
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	33.1	49.7
130	2.2	1.7	2.5
166	31.0	24.4	36.6



#60
Diethylphthalate
Concen: 43.191 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.6	10.0	15.0

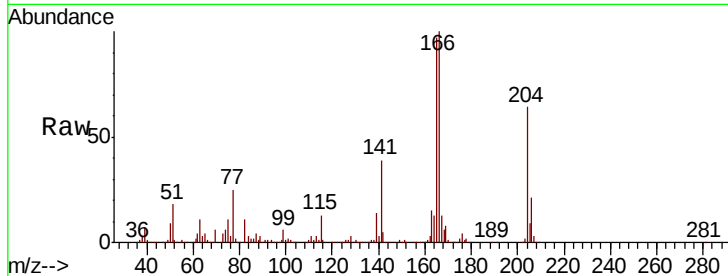




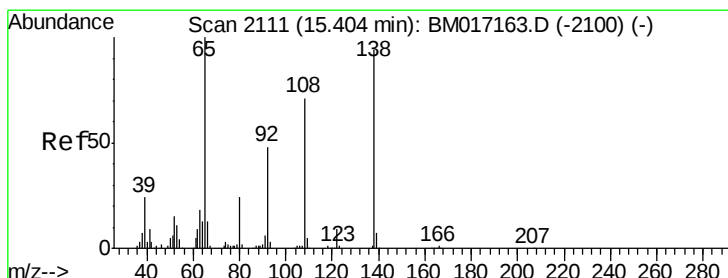
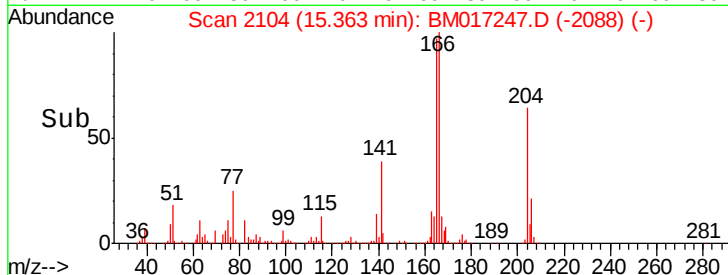
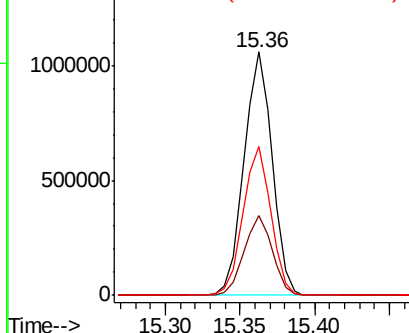
#61
4-Chlorophenyl-phenylether
Concen: 40.771 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1376370
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 61.4 45.4 68.2

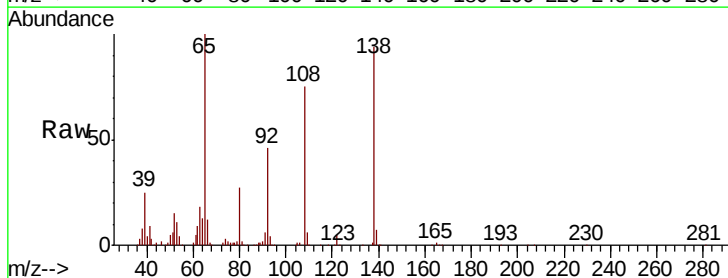


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

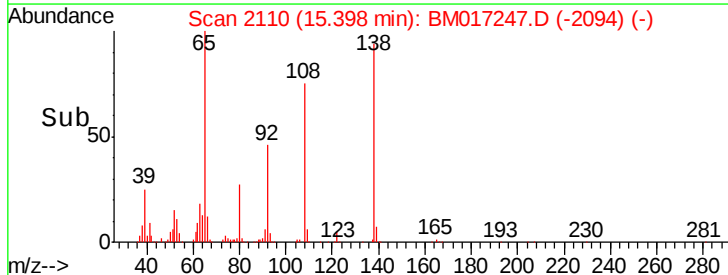
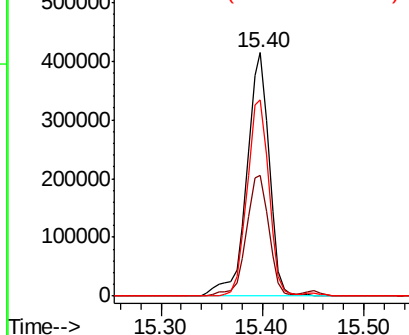


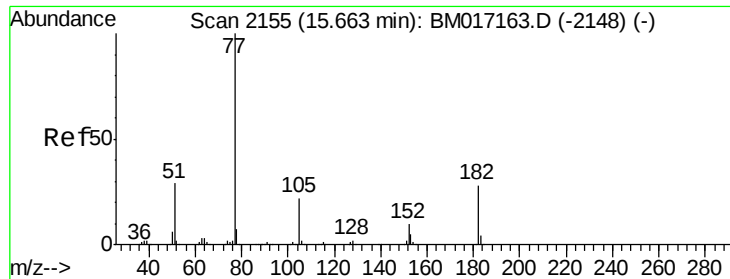
#62
4-Nitroaniline
Concen: 39.711 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:138 Resp: 635827
Ion Ratio Lower Upper
138 100
92 49.6 31.2 71.2
108 80.6 55.5 95.5



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

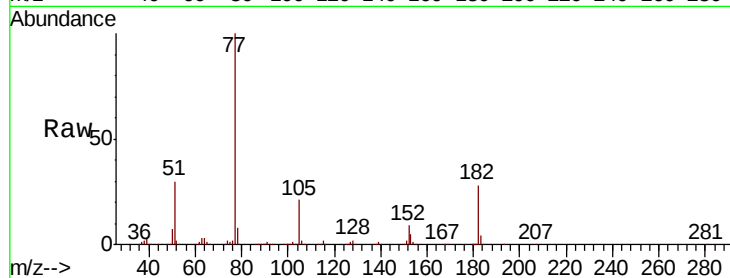




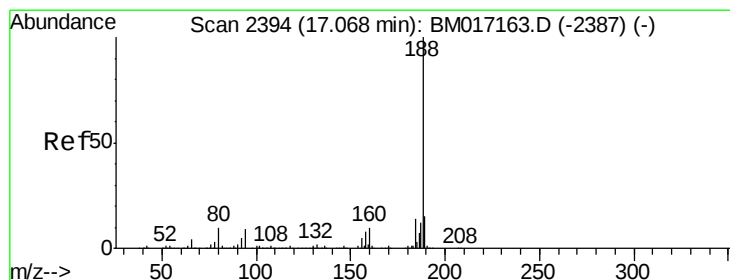
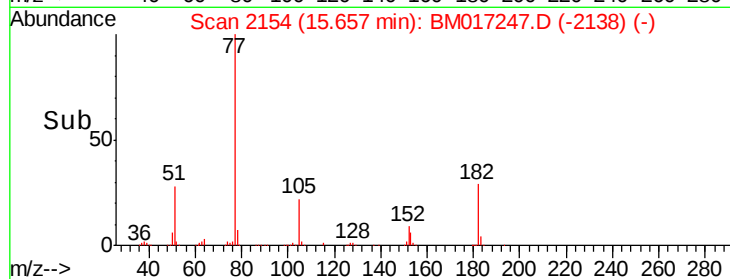
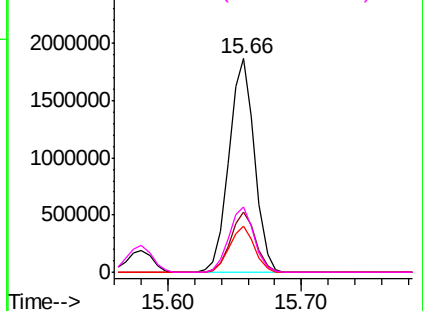
#63
Azobenzene
Concen: 41.841 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2484508
Ion Ratio Lower Upper
77 100
182 28.1 8.3 48.3
105 21.3 1.5 41.5
51 30.5 8.8 48.8

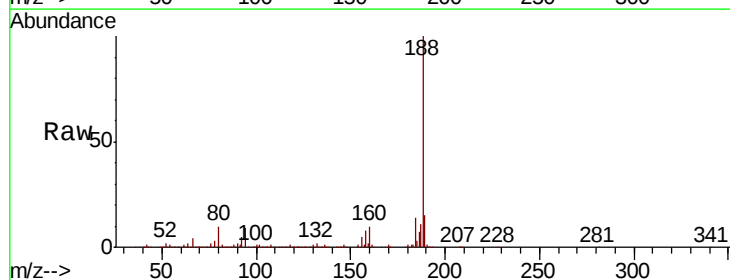


Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)

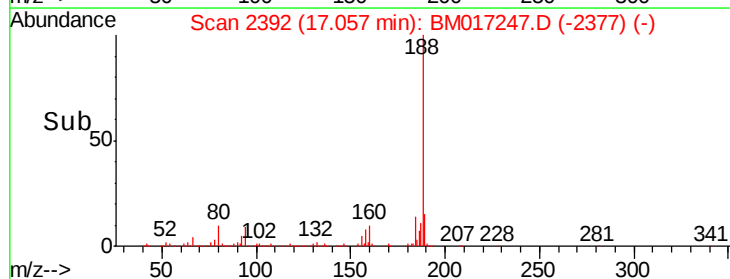
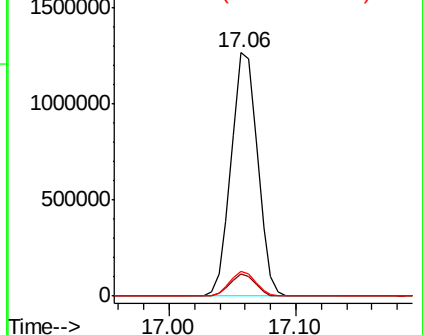


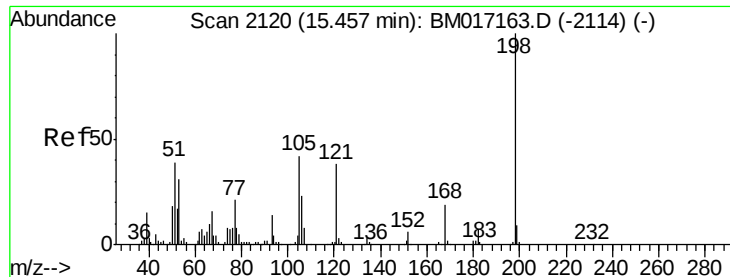
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion: 188 Resp: 1825923
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017163.D (-2387) (-)
Ion 94.00 (93.70 to 94.70): BM017163.D (-2387) (-)
Ion 80.00 (79.70 to 80.70): BM017163.D (-2387) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 44.051 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampleId :

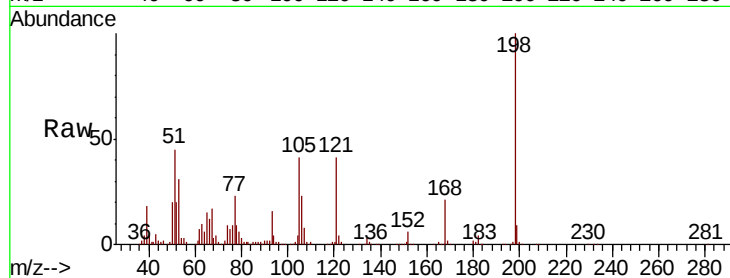
Tot Ion:198 Resp: 508604

Ion	Ratio	Lower	Upper
198	100		
51	44.5	20.3	60.3
105	41.3	21.9	61.9

198 100

51 44.5 20.3 60.3

105 41.3 21.9 61.9

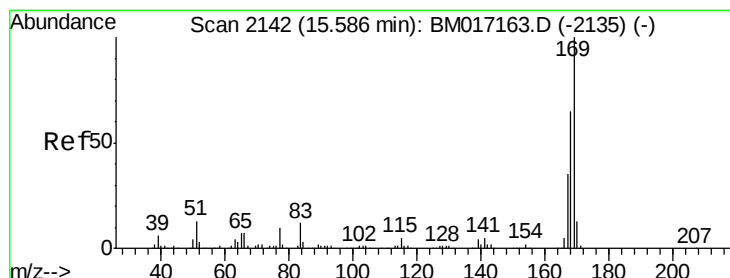
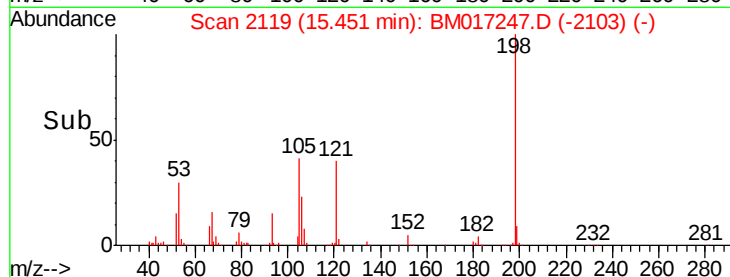
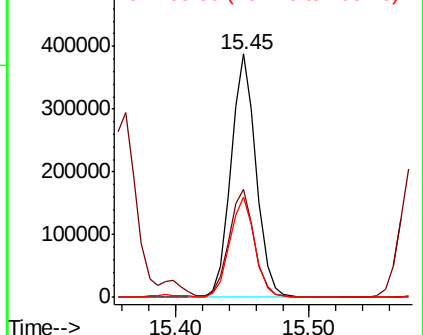


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.157 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

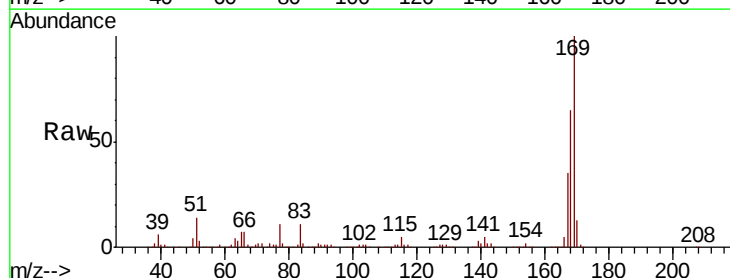
Tgt Ion:169 Resp: 2328874

Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.2	78.4
167	35.0	28.4	42.6

169 100

168 65.4 52.2 78.4

167 35.0 28.4 42.6

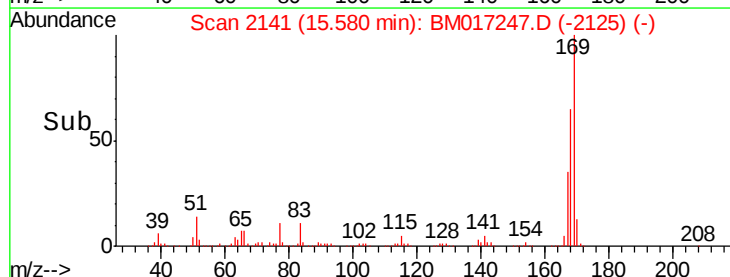
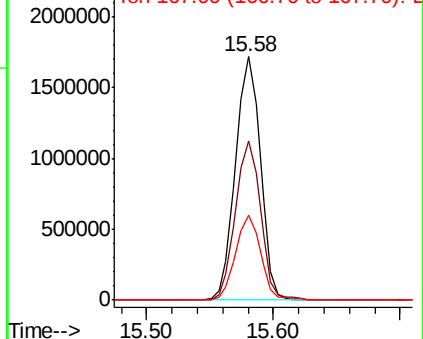


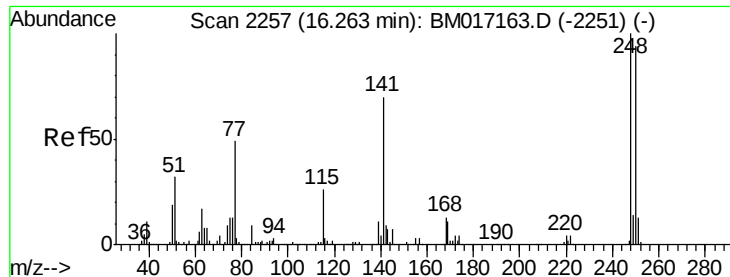
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

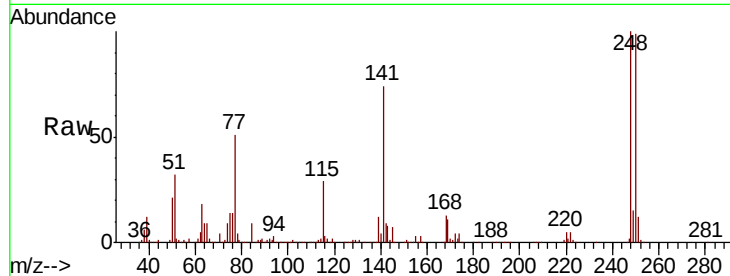




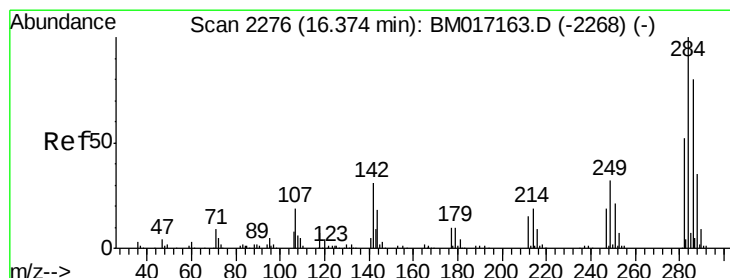
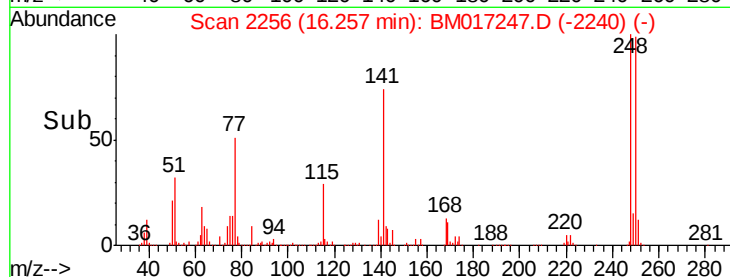
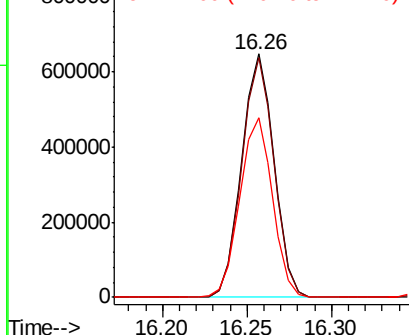
#67
4-Bromophenyl-phenylether
Concen: 43.325 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 868611
Ion Ratio Lower Upper
248 100
250 98.6 75.1 112.7
141 73.5 55.6 83.4

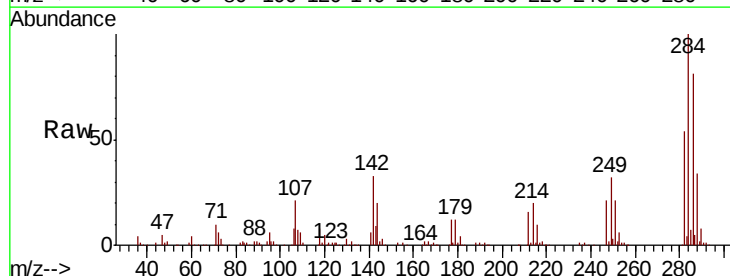


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

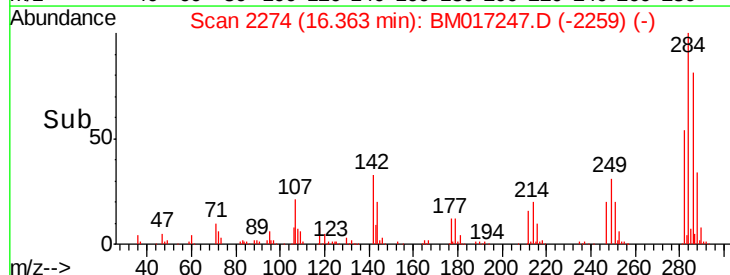
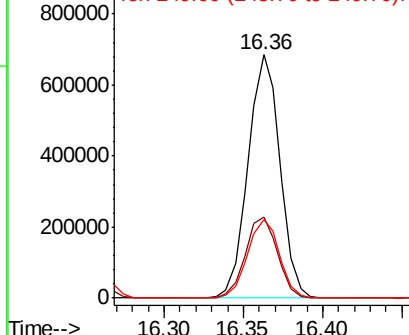


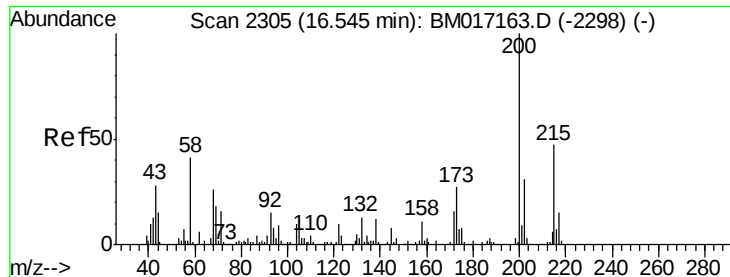
#68
Hexachlorobenzene
Concen: 41.090 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:284 Resp: 956937
Ion Ratio Lower Upper
284 100
142 33.5 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

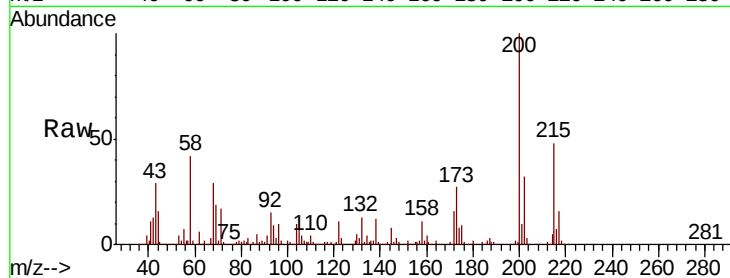




#69
Atrazine
Concen: 43.227 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.0	47.0
215	47.9	27.3	67.3

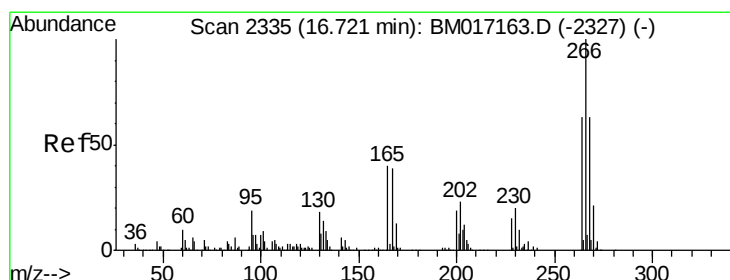
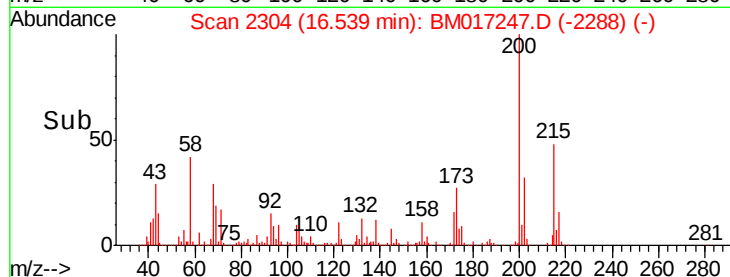
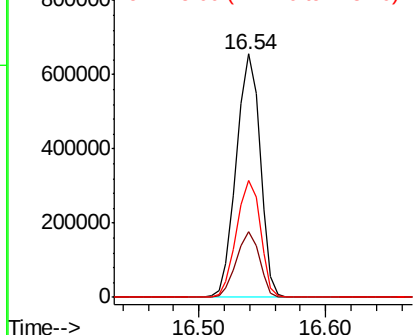


Abundance

Ion 200.00 (199.70 to 200.70): E

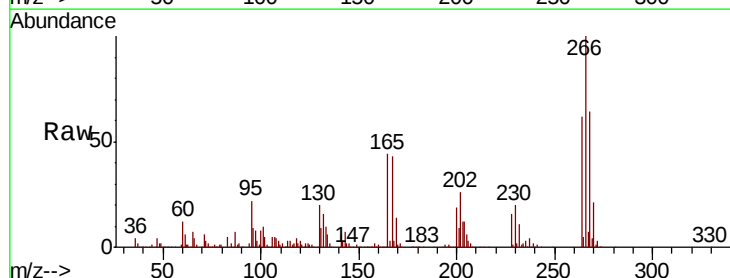
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 43.203 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.7	76.1
264	62.1	50.4	75.6

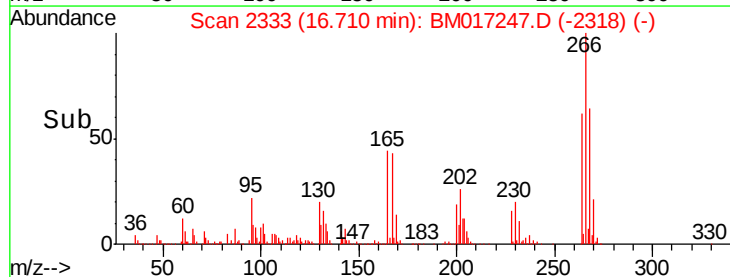
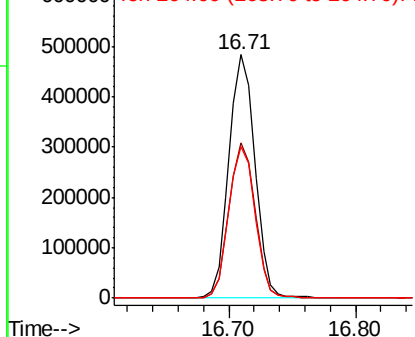


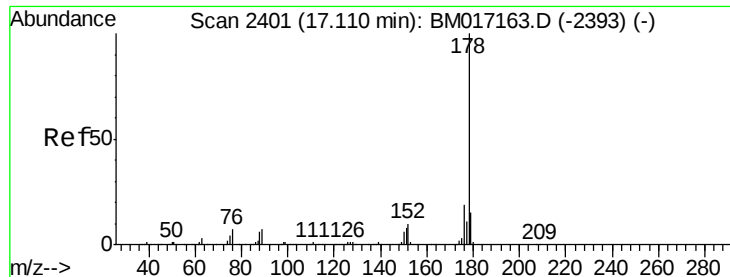
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

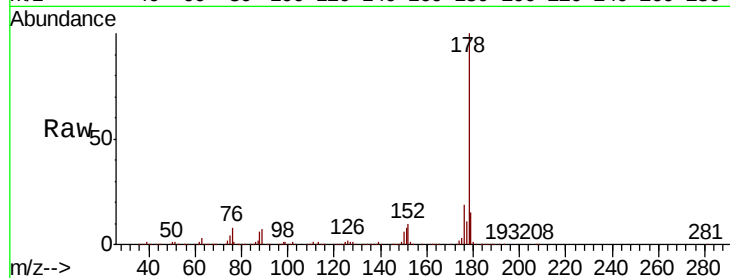




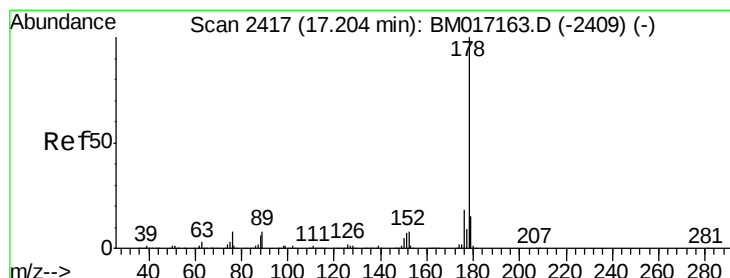
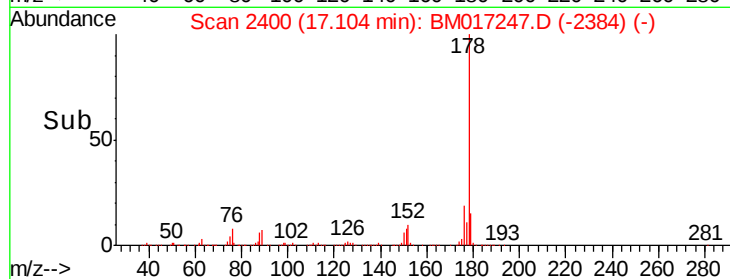
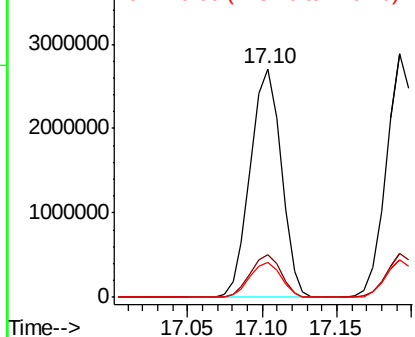
#71
Phenanthrene
Concen: 39.544 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 3895675
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.1 12.3 18.5

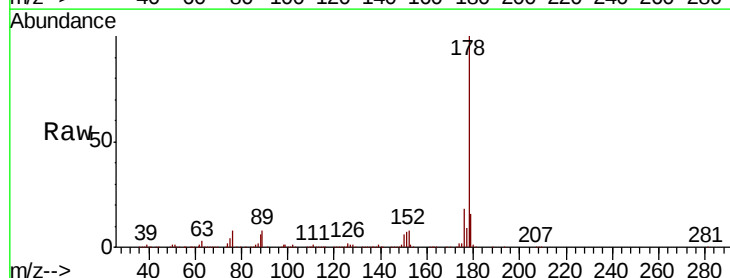


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

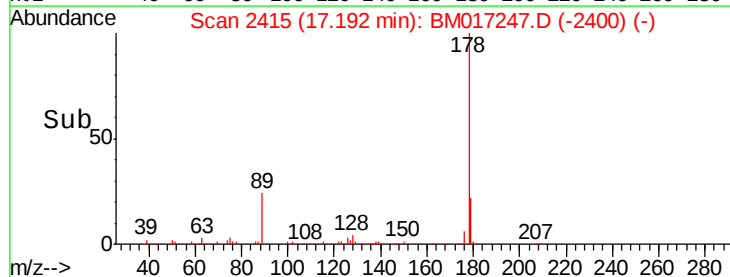
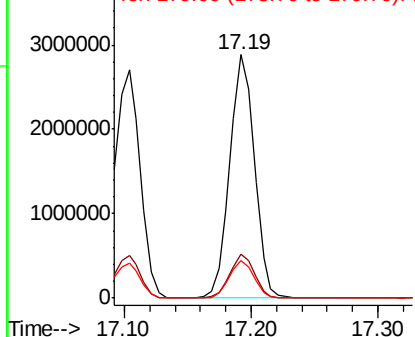


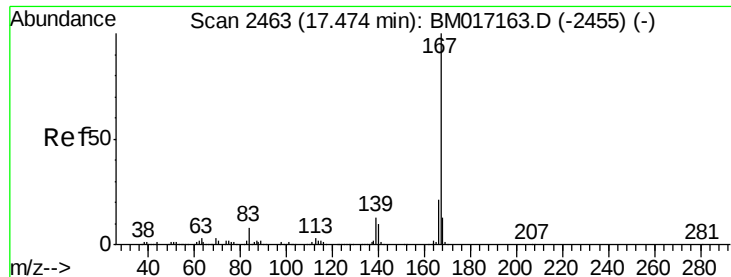
#72
Anthracene
Concen: 41.373 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:178 Resp: 3872781
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 15.5 12.2 18.2



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



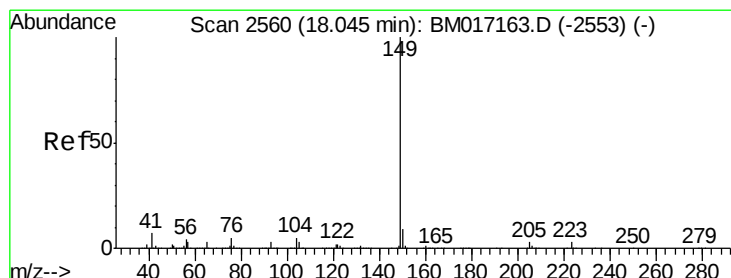
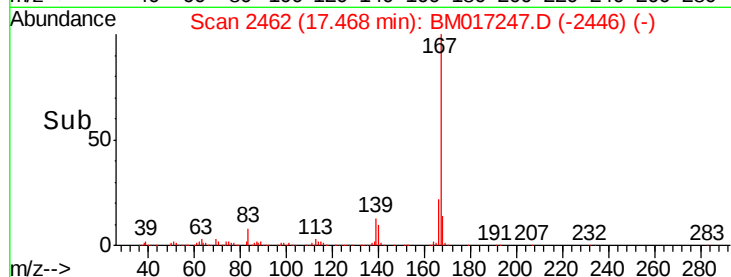
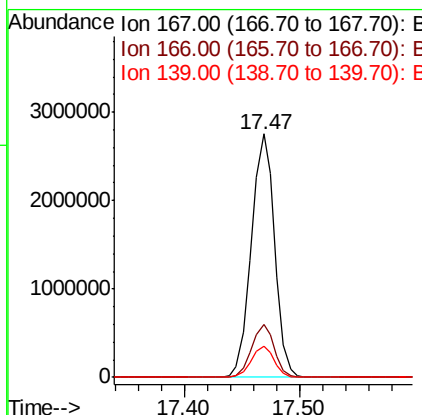
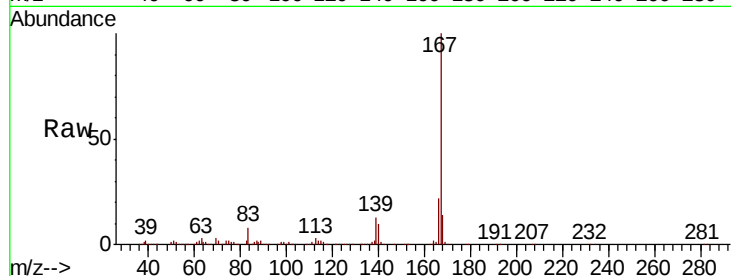


#73
 Carbazole
 Concen: 40.347 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017247.D
 Acq: 20 Oct 2018 03:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3857906

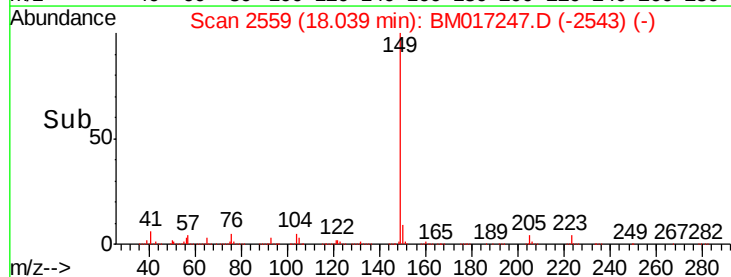
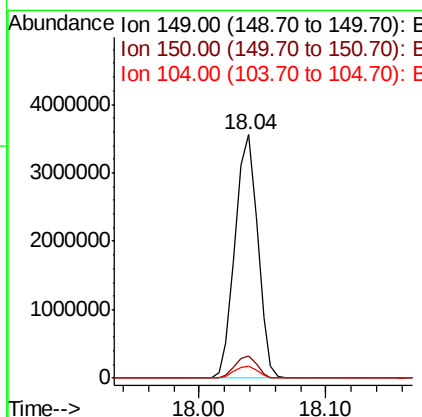
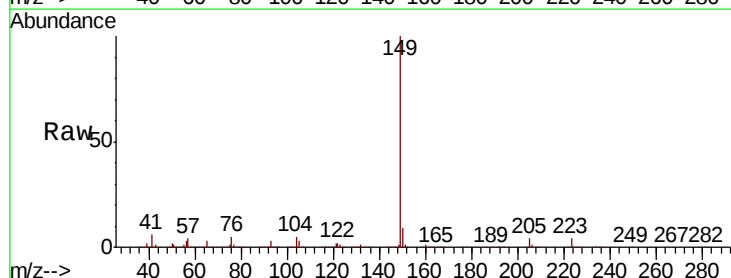
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.7	10.1	15.1

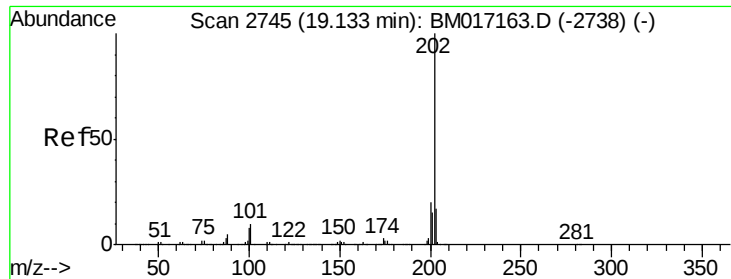


#74
 Di-n-butylphthalate
 Concen: 43.629 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017247.D
 Acq: 20 Oct 2018 03:00

Tgt Ion:149 Resp: 4400066

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 39.295 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampleId :

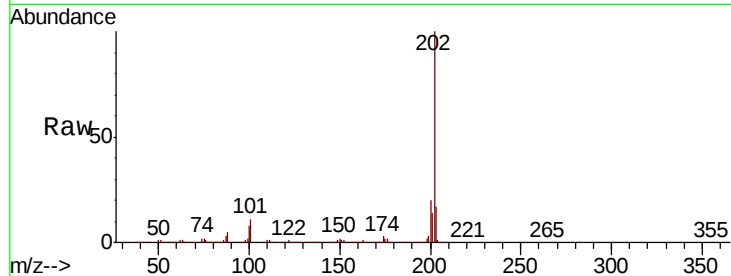
Tot Ion:202 Resp: 4356064

Ion Ratio Lower Upper

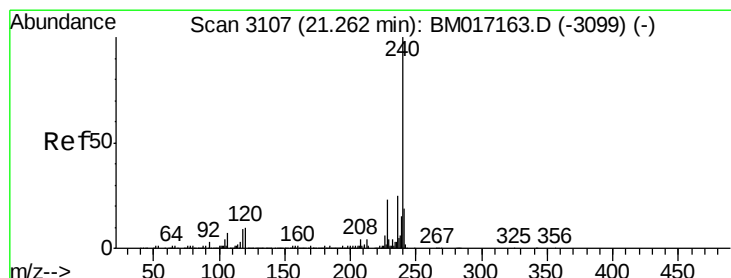
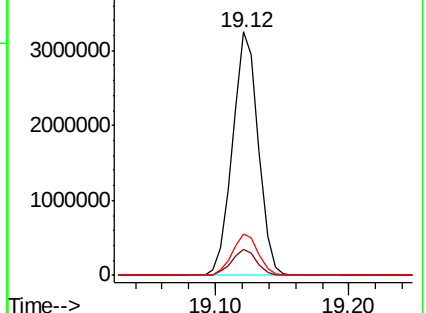
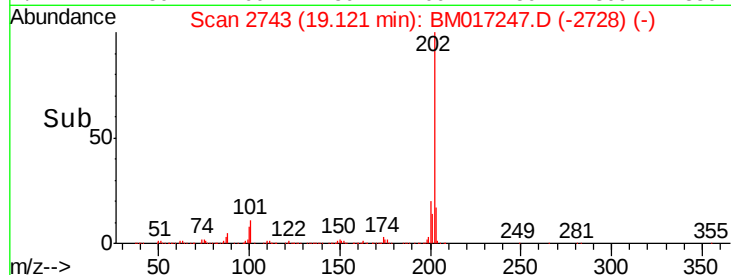
202 100

101 10.7 0.0 30.0

203 17.1 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: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

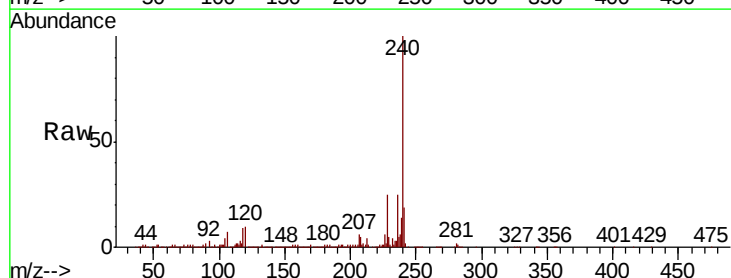
Tgt Ion:240 Resp: 1745357

Ion Ratio Lower Upper

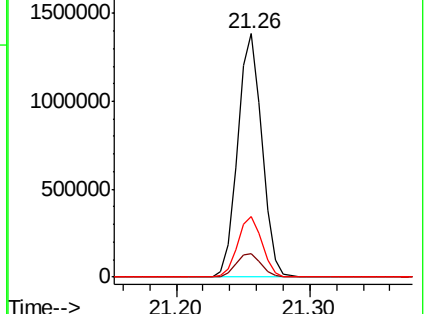
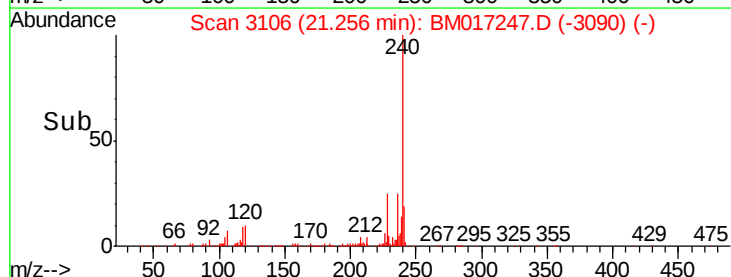
240 100

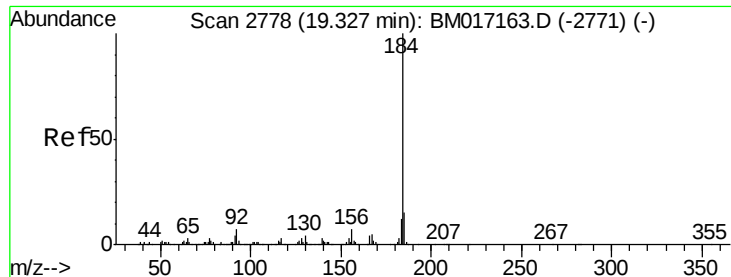
120 9.9 8.1 12.1

236 25.0 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: 49.842 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

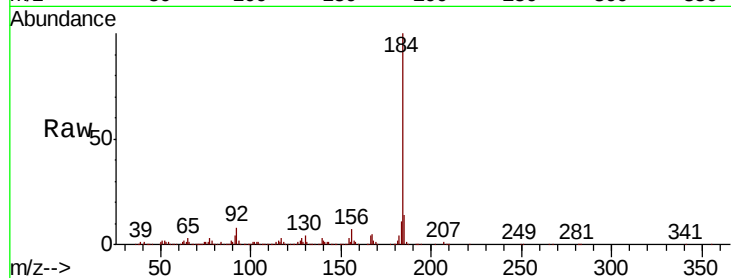
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2205835

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.8
183	11.4	9.7	14.5

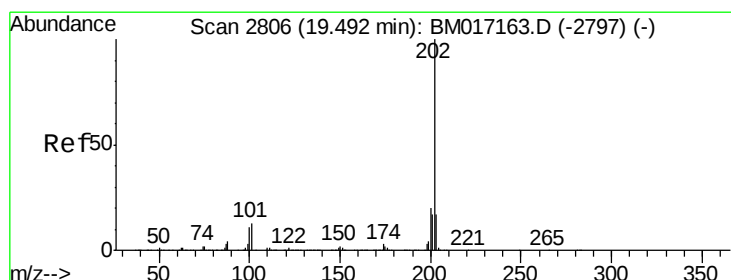
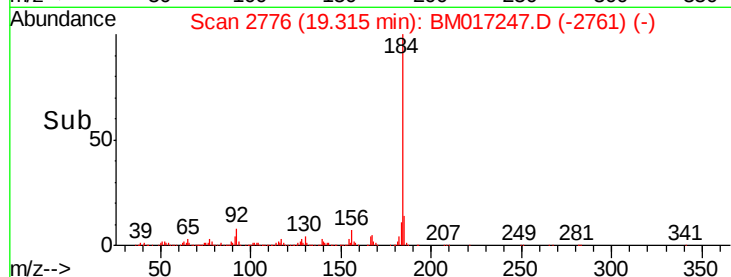
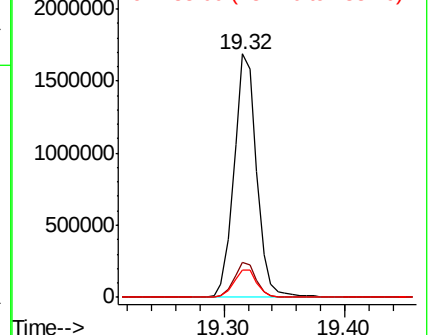


Abundance

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: 46.505 ng

RT: 19.49 min Scan# 2805

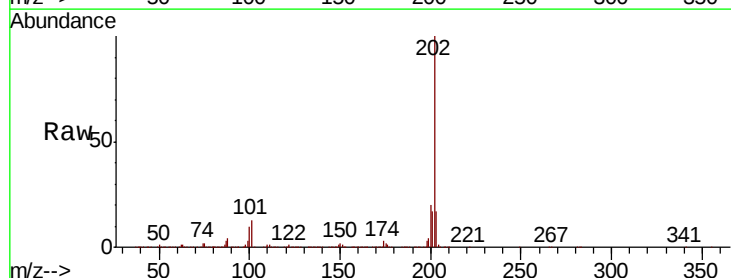
Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Tgt Ion:202 Resp: 4536493

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	13.9	20.9

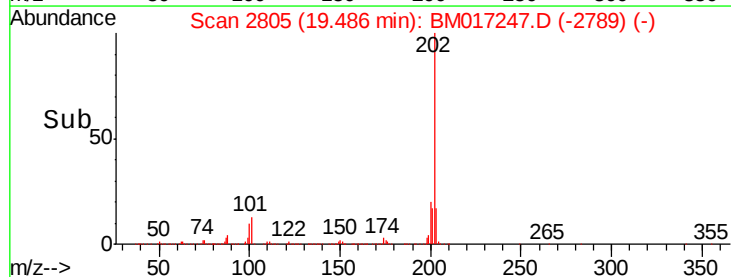
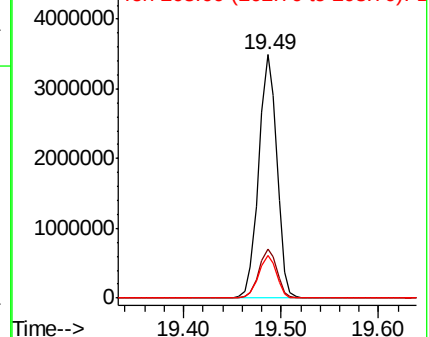


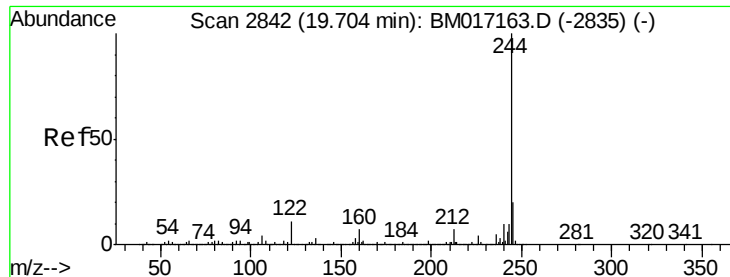
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.847 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampleId :

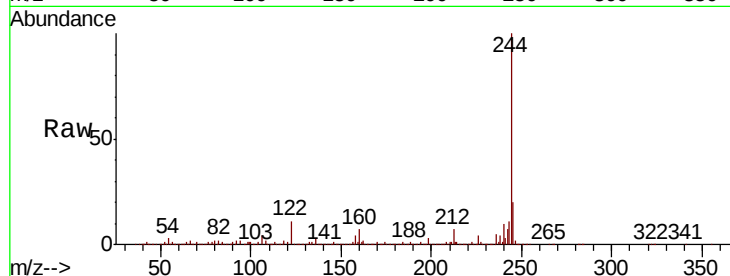
Tot Ion:244 Resp: 7112073

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

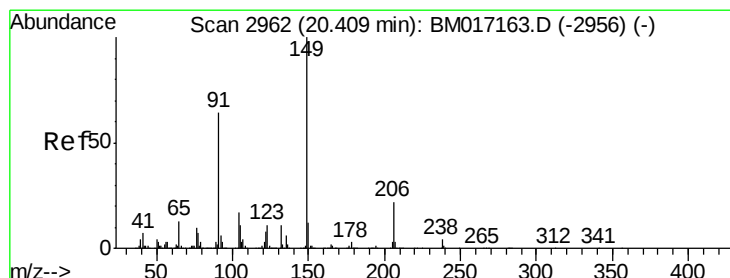
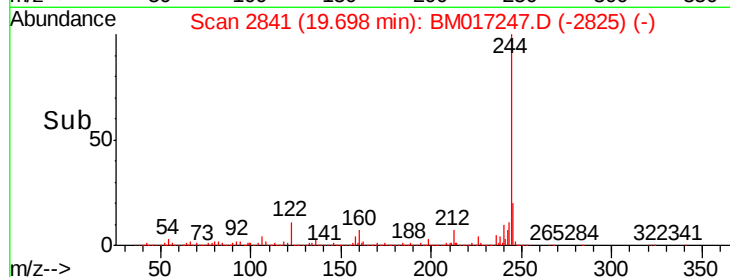
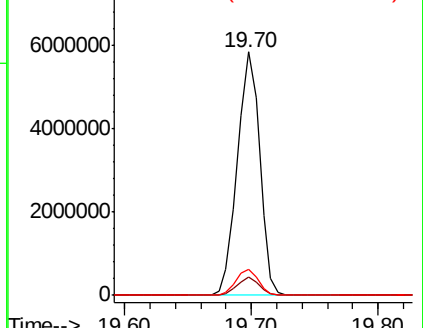
122 10.7 8.4 12.6



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: 48.698 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

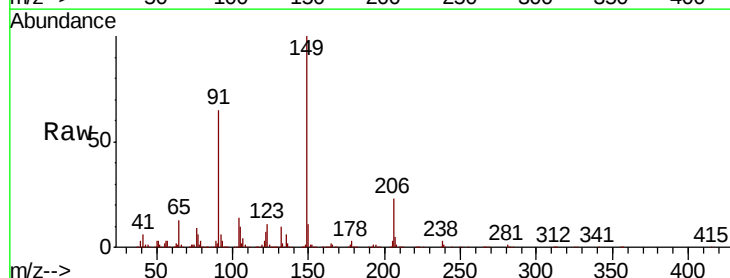
Tgt Ion:149 Resp: 1812253

Ion Ratio Lower Upper

149 100

91 64.7 51.3 76.9

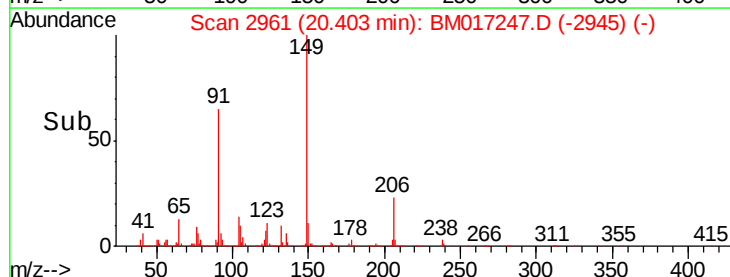
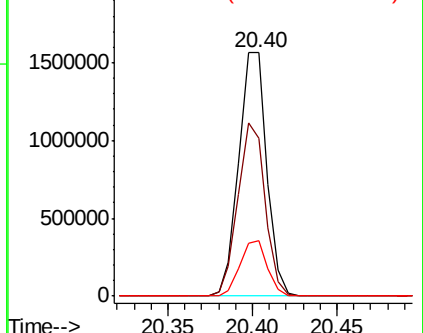
206 22.7 18.0 27.0

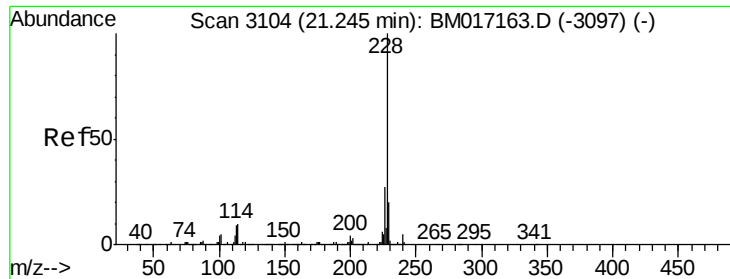


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

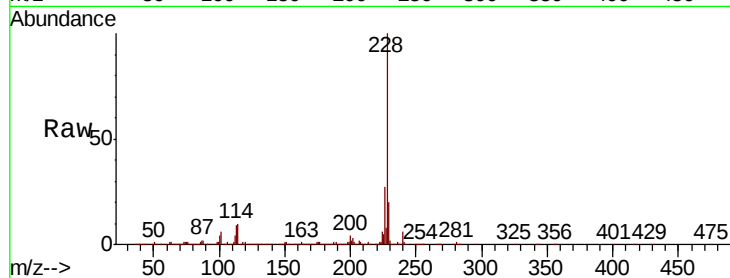




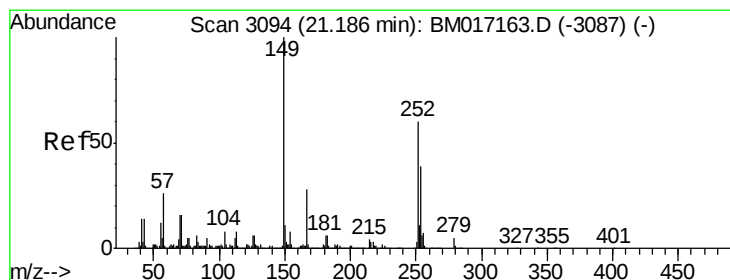
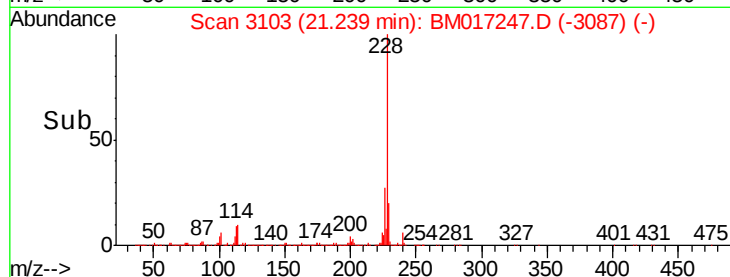
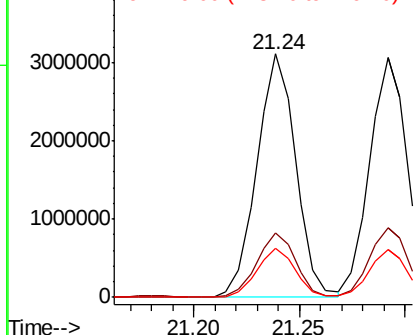
#81
Benzo(a)anthracene
Concen: 40.513 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 3979144
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 19.9 15.9 23.9

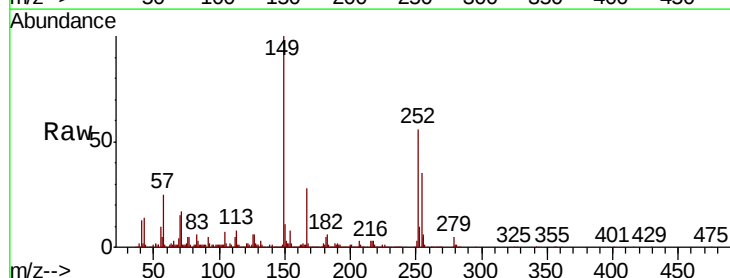


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

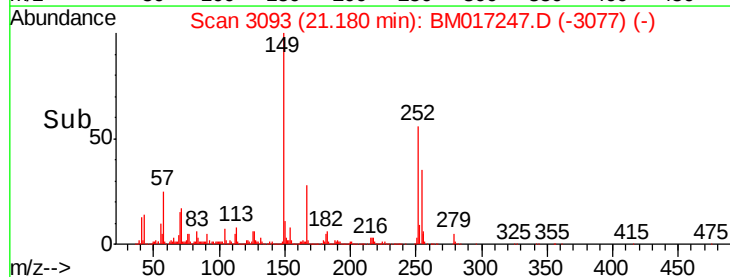
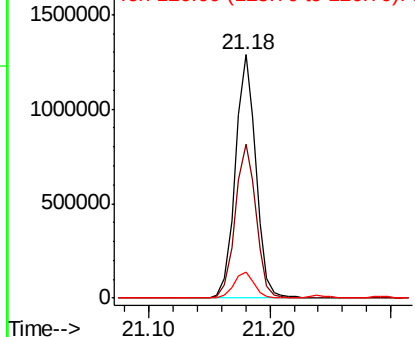


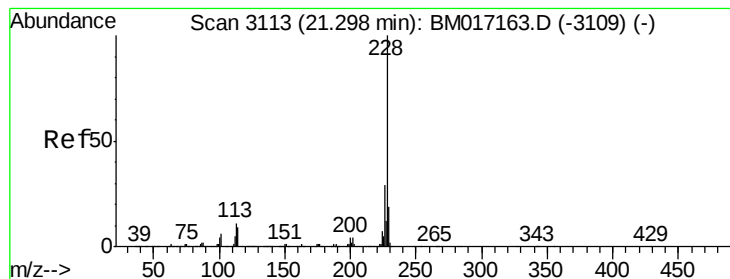
#82
3,3'-Dichlorobenzidine
Concen: 41.630 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:252 Resp: 1523923
Ion Ratio Lower Upper
252 100
254 63.1 52.1 78.1
126 10.9 8.6 12.8



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





#83

Chrvsene

Concen: 39.124 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampleId :

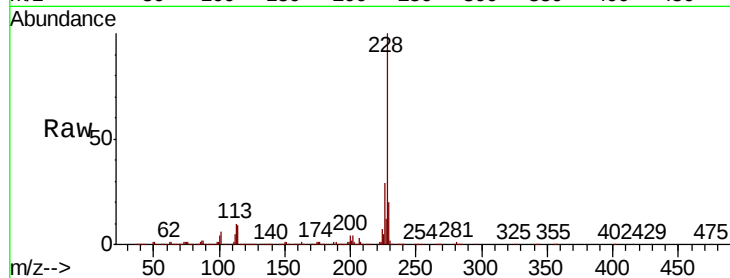
Tot Ion:228 Resp: 3803454

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.3	34.9
229	19.7	15.6	23.4

228 100

226 29.2 23.3 34.9

229 19.7 15.6 23.4

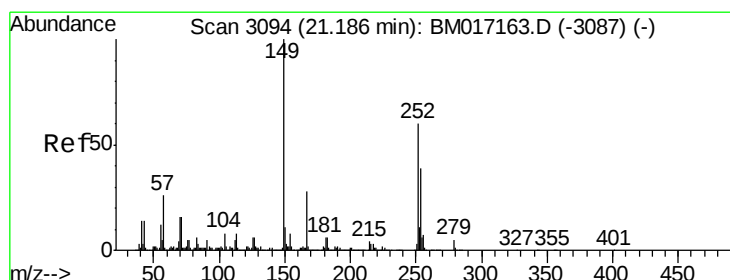
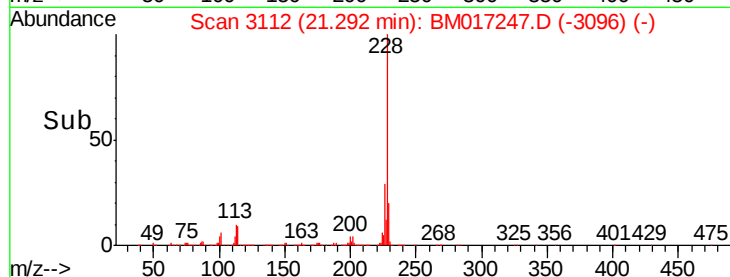
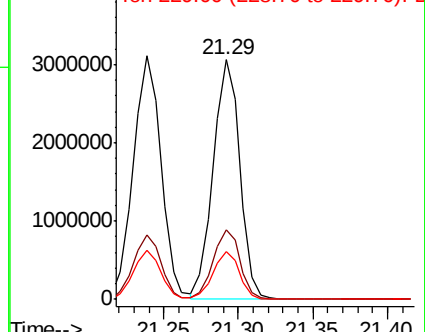


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.320 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

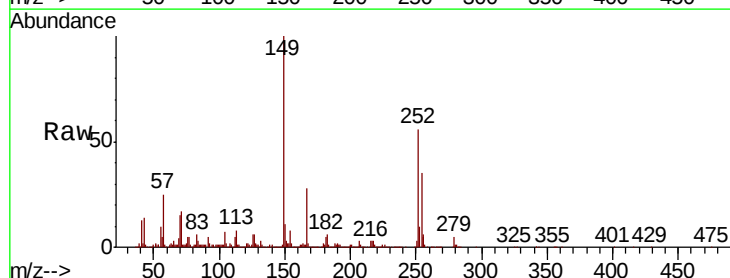
Tgt Ion:149 Resp: 2491168

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	4.6	3.6	5.4

149 100

167 27.6 22.2 33.4

279 4.6 3.6 5.4

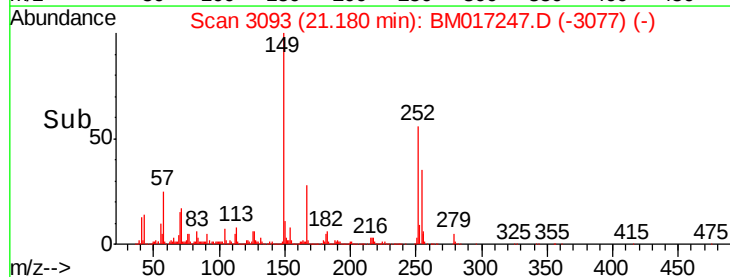
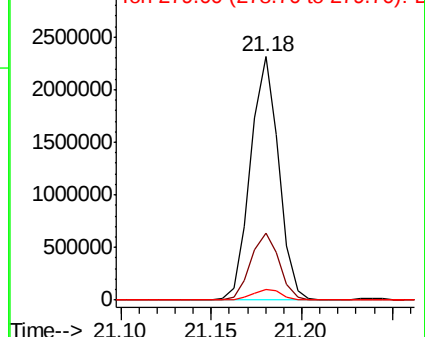


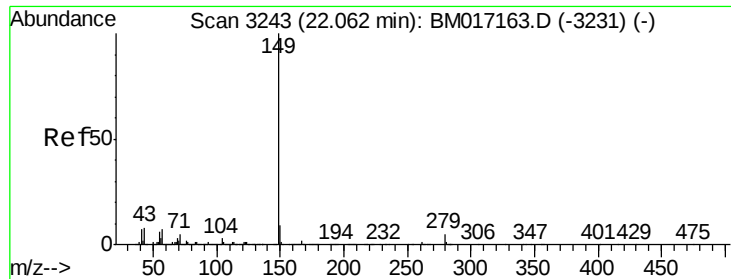
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.995 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

Instrument :

BNA_M

ClientSampleId :

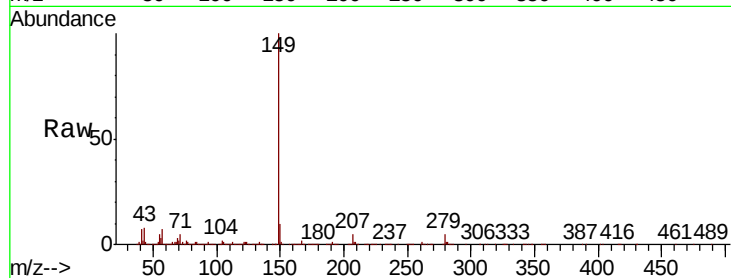
Tot Ion:149 Resp: 3747019

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

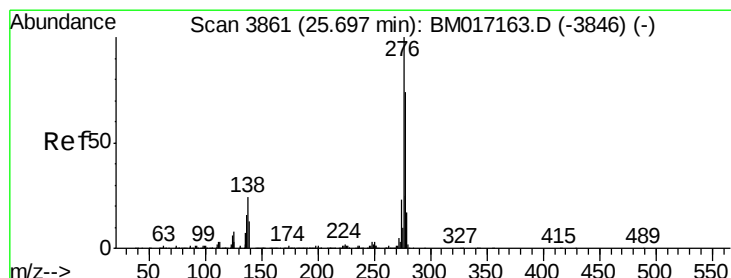
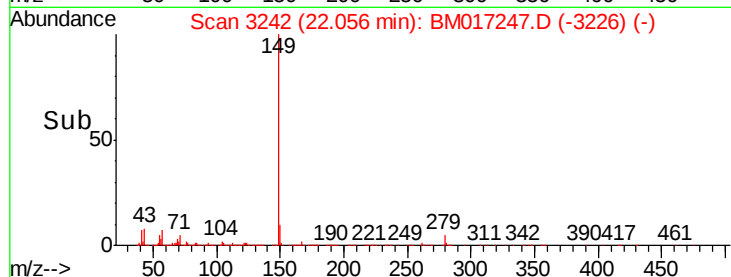
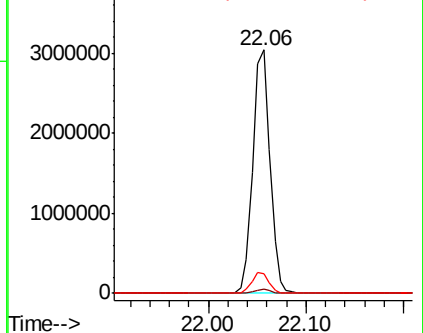
43 8.9 7.2 10.8



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: 32.875 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM017247.D

Acq: 20 Oct 2018 03:00

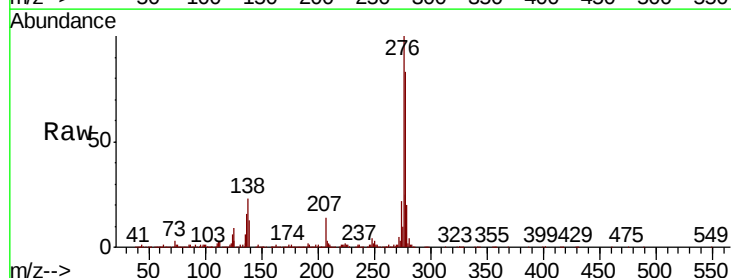
Tgt Ion:276 Resp: 3574625

Ion Ratio Lower Upper

276 100

138 23.0 19.5 29.3

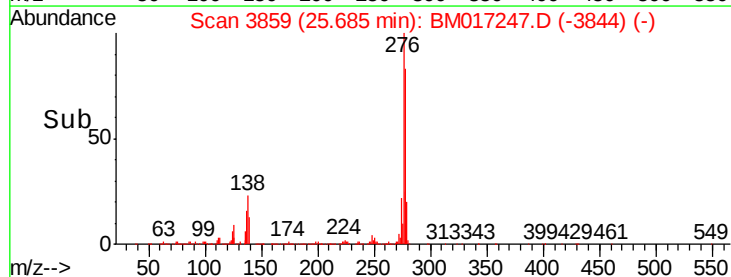
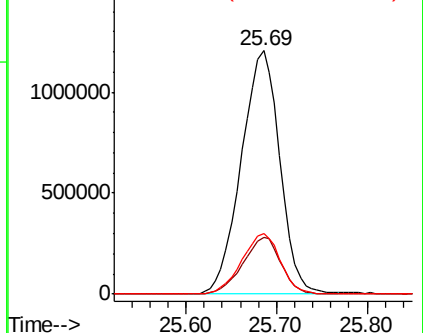
277 24.8 20.1 30.1

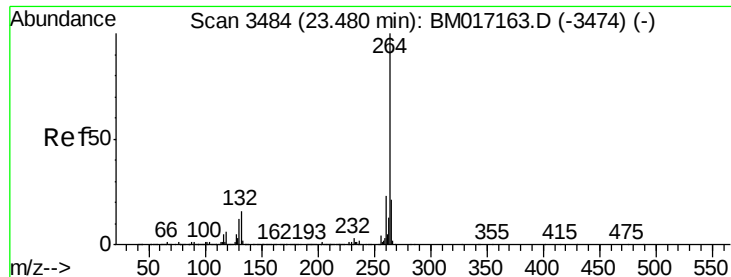


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



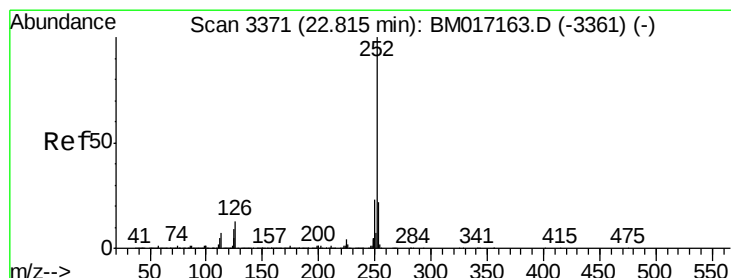
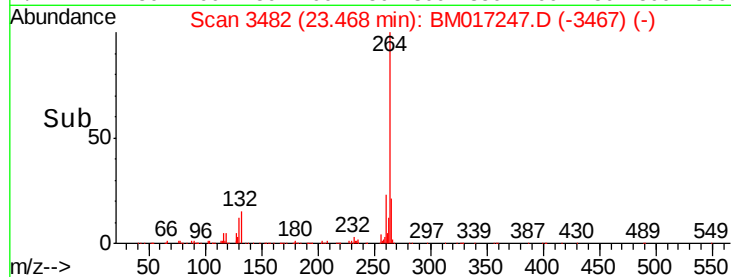
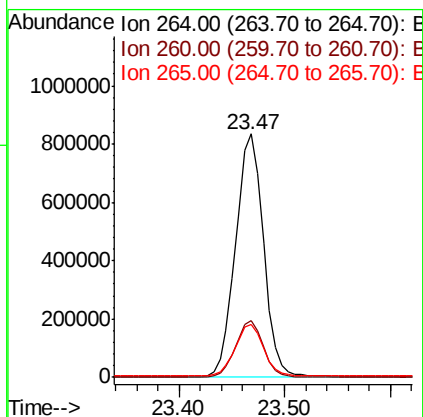
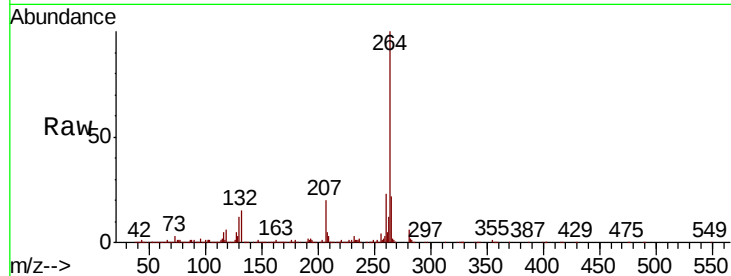


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampled :

Tot Ion:264 Resp: 1534602

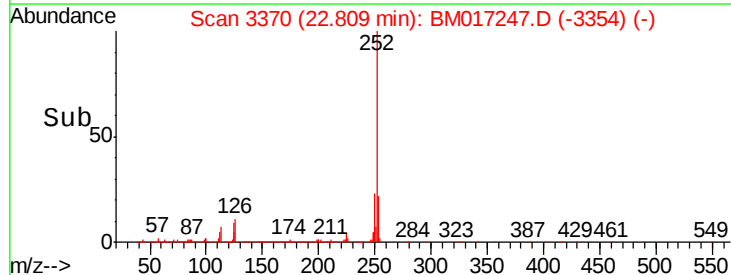
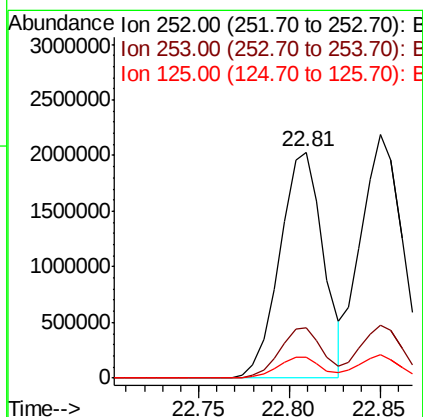
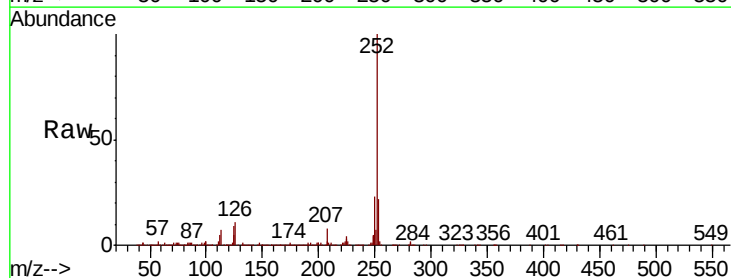
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.6	17.8	26.8

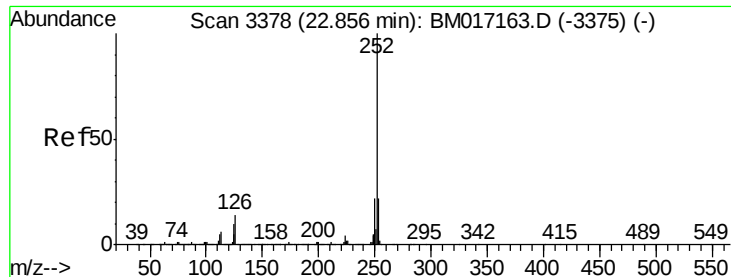


#88
Benzo(b)fluoranthene
Concen: 40.645 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:252 Resp: 3410233

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.1	7.5	11.3

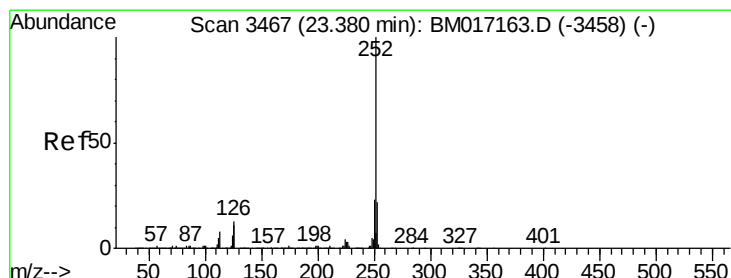
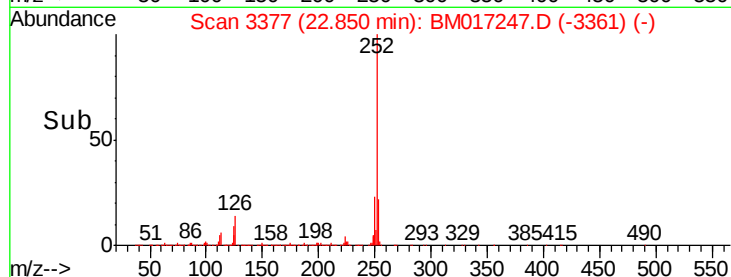
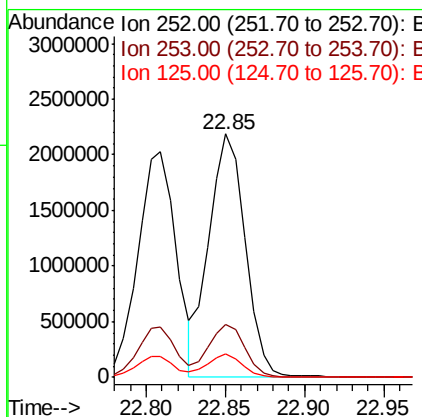
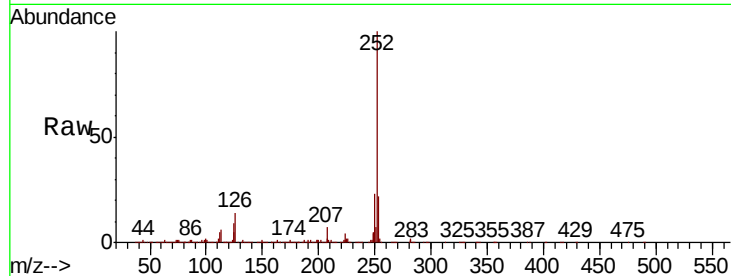




#89
Benzo(k)fluoranthene
Concen: 41.253 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

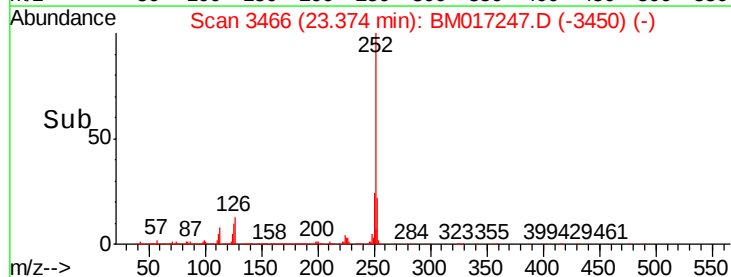
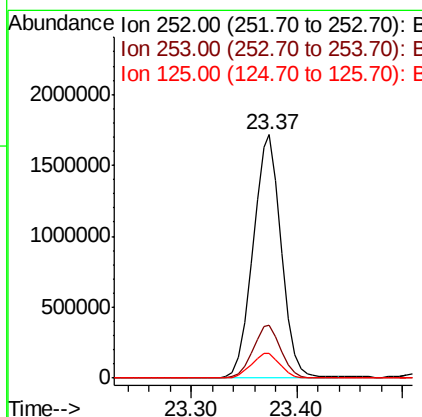
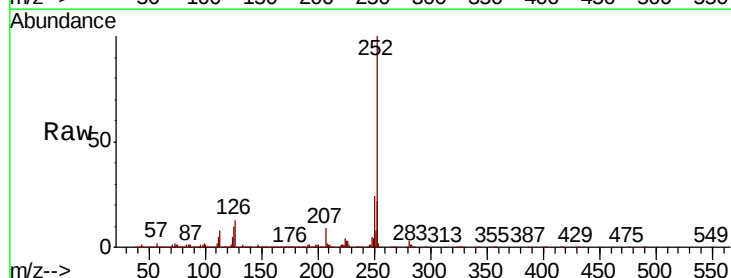
Instrument :
BNA_M
ClientSampled :

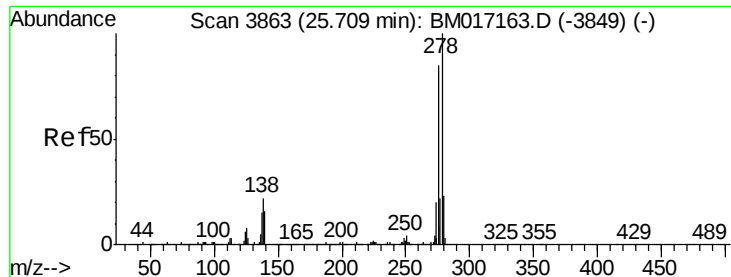
Tot Ion:252 Resp: 3473095
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.4 8.2 12.2



#90
Benzo(a)pyrene
Concen: 39.873 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:252 Resp: 3176352
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.1 8.6 13.0

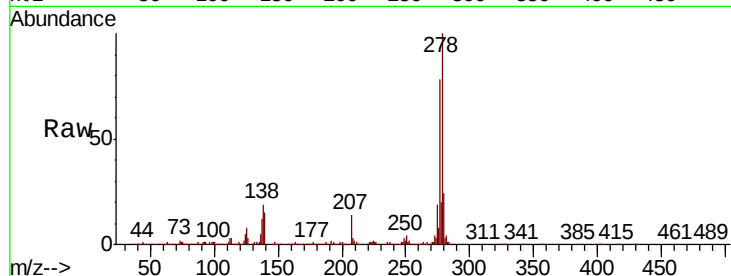




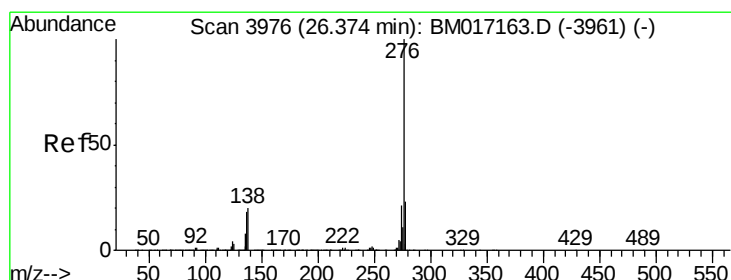
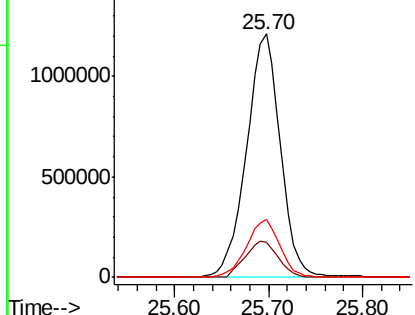
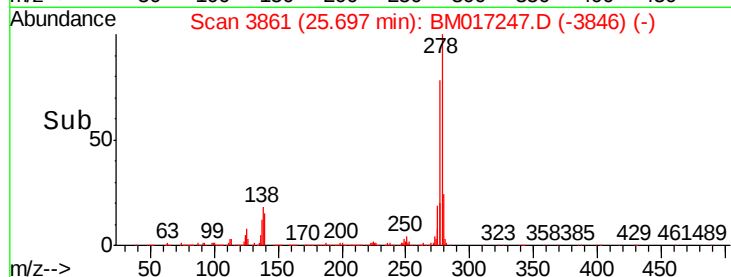
#91
Dibenzo(a,h)anthracene
Concen: 38.191 ng
RT: 25.70 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 3021012
Ion Ratio Lower Upper
278 100
139 14.5 12.7 19.1
279 24.0 18.7 28.1

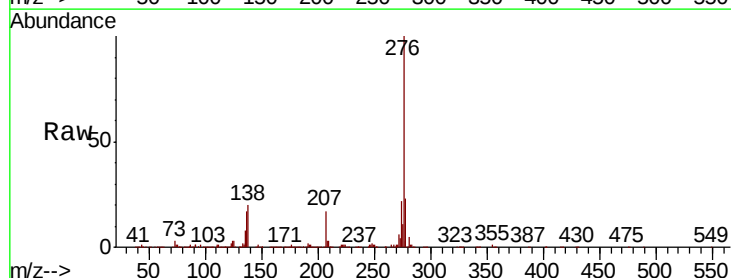


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.500 ng
RT: 26.36 min Scan# 3973
Delta R.T. -0.02 min
Lab File: BM017247.D
Acq: 20 Oct 2018 03:00

Tgt Ion:276 Resp: 2939999
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 19.6 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

