

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017361.D
 Acq On : 26 Oct 2018 22:58
 Operator : MJ/SJ
 Sample : J5651-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 27 01:50:53 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	7.65	152	306607	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1395684	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	902585	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	2152900	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2504938	20.00	ng	-0.02
87) Perylene-d12	23.46	264	2413758	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	2041564	112.62	ng	-0.01
7) Phenol-d6	6.84	99	2693266	109.09	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1862421	78.04	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1554779	127.38	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	4815381	70.99	ng	-0.02
79) Terphenyl-d14	19.69	244	8161406	73.44	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	243411	26.295	ng	# 80
3) Pyridine	3.65	79	671168	31.511	ng	88
4) n-Nitrosodimethylamine	3.56	42	358316	41.906	ng	# 75
6) Aniline	7.00	93	362623	11.742	ng	98
8) 2-Chlorophenol	7.22	128	1025383	48.893	ng	97
9) Benzaldehyde	6.81	77	372852	23.685	ng	96
10) Phenol	6.87	94	1155878	43.500	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	908681	42.898	ng	98
12) 1,3-Dichlorobenzene	7.54	146	1007090	41.194	ng	98
13) 1,4-Dichlorobenzene	7.69	146	1037593	41.541	ng	98
14) 1,2-Dichlorobenzene	8.00	146	1004634	41.746	ng	98
15) Benzyl Alcohol	7.90	79	964448	53.442	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1246913	42.135	ng	99
17) 2-Methylphenol	8.10	107	884250	51.846	ng	98
18) Hexachloroethane	8.72	117	363864	42.567	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	807185	49.651	ng	97
20) 3+4-Methylphenols	8.43	107	1217504	52.193	ng	98
22) Acetophenone	8.47	105	1555412	43.964	ng	# 99
24) Nitrobenzene	8.85	77	1188971	47.102	ng	95
25) Isophorone	9.37	82	2238547	56.807	ng	98
26) 2-Nitrophenol	9.55	139	583424	49.221	ng	98
27) 2,4-Dimethylphenol	9.62	122	1052120	60.382	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	1353208	48.790	ng	98
29) 2,4-Dichlorophenol	10.08	162	1087450	53.752	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	1011293	41.669	ng	99
31) Naphthalene	10.47	128	3221579	47.101	ng	99
32) Benzoic acid	9.79	122	733134	56.390	ng	93
33) 4-Chloroaniline	10.60	127	111768	3.784	ng	98
34) Hexachlorobutadiene	10.76	225	600321	39.039	ng	99
35) Caprolactam	11.41	113	136671	18.537	ng	97
36) 4-Chloro-3-methylphenol	11.73	107	1269510	55.669	ng	98
37) 2-Methylnaphthalene	12.09	142	2522248	53.889	ng	99
38) 1-Methylnaphthalene	12.32	142	2410850	52.923	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1276296	40.153	ng	99

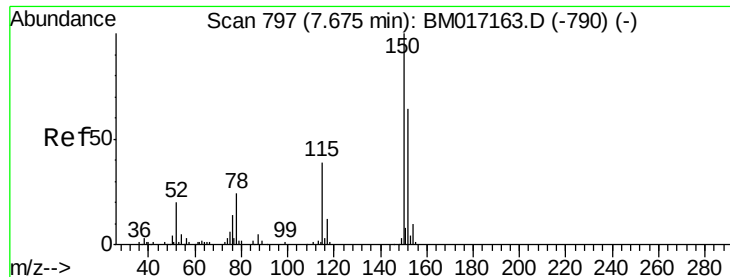
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017361.D
 Acq On : 26 Oct 2018 22:58
 Operator : MJ/SJ
 Sample : J5651-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 27 01:50:53 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)
41) Hexachlorocyclopentadiene	12.45	237	1464827	95.326	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	932316	50.527	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	1035280	52.323	ng	98
46) 1,1'-Biphenyl	13.12	154	3290036	40.506	ng	99
47) 2-Chloronaphthalene	13.16	162	2564809	42.923	ng	99
48) 2-Nitroaniline	13.38	65	790645	46.973	ng	96
49) Acenaphthylene	14.02	152	4354418	50.275	ng	99
50) Dimethylphthalate	13.77	163	3467623	49.797	ng	99
51) 2,6-Dinitrotoluene	13.89	165	796583	51.975	ng	99
52) Acenaphthene	14.36	154	2542444	46.752	ng	98
53) 3-Nitroaniline	14.22	138	258164	15.553	ng	96
54) 2,4-Dinitrophenol	14.43	184	1020484	110.053	ng	99
55) Dibenzofuran	14.70	168	4128635	45.653	ng	99
56) 4-Nitrophenol	14.54	139	1864523	120.697	ng	98
57) 2,4-Dinitrotoluene	14.68	165	1143926	55.532	ng	97
58) Fluorene	15.35	166	3405682	50.878	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	991406	54.968	ng	99
60) Diethylphthalate	15.14	149	3568402	51.673	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	1706680	44.723	ng	97
62) 4-Nitroaniline	15.39	138	806997	44.003	ng	99
63) Azobenzene	15.64	77	3300825	49.176	ng	100
65) 4,6-Dinitro-2-methylphenol	15.44	198	703000	50.434	ng	98
66) n-Nitrosodiphenylamine	15.57	169	3101415	47.615	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	1124064	47.551	ng	96
68) Hexachlorobenzene	16.35	284	1234556	44.960	ng	98
69) Atrazine	16.53	200	1186206	50.883	ng	99
70) Pentachlorophenol	16.70	266	1610993	85.644	ng	99
71) Phenanthrene	17.09	178	5622060	48.401	ng	99
72) Anthracene	17.19	178	5759531	52.184	ng	99
73) Carbazole	17.46	167	5401581	47.911	ng	99
74) Di-n-butylphthalate	18.03	149	6302053	52.998	ng	99
75) Fluoranthene	19.12	202	6774105	51.827	ng	98
77) Benzidine	19.31	184	666267	10.490	ng	99
78) Pyrene	19.48	202	6926160	49.472	ng	99
80) Butylbenzylphthalate	20.39	149	3095971	56.601	ng	96
81) Benzo(a)anthracene	21.23	228	7063639	50.110	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	963830	18.346	ng	98
83) Chrysene	21.29	228	6673584	47.831	ng	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	4413623	53.468	ng	99
85) Di-n-octyl phthalate	22.04	149	7796632	55.479	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	6414501	41.104	ng	100
88) Benzo(b)fluoranthene	22.80	252	7065250	53.537	ng	99
89) Benzo(k)fluoranthene	22.84	252	6595204	49.805	ng	99
90) Benzo(a)pyrene	23.36	252	6422249	51.255	ng	100
91) Dibenzo(a,h)anthracene	25.69	278	5486592	44.098	ng	99
92) Benzo(g,h,i)perylene	26.34	276	5070779	41.121	ng	99

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

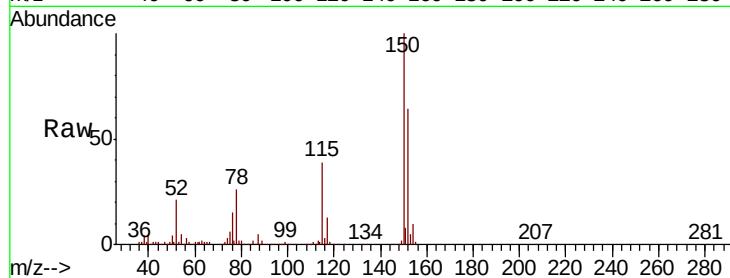


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.3	186.5
115	61.3	48.1	72.1

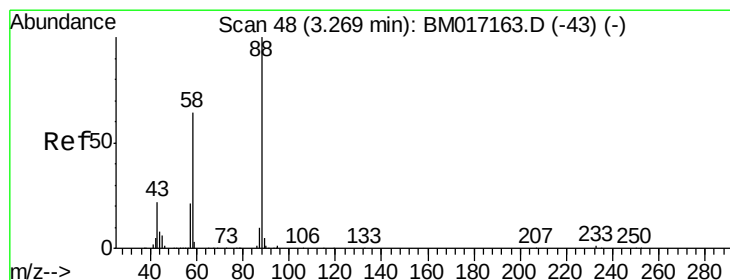
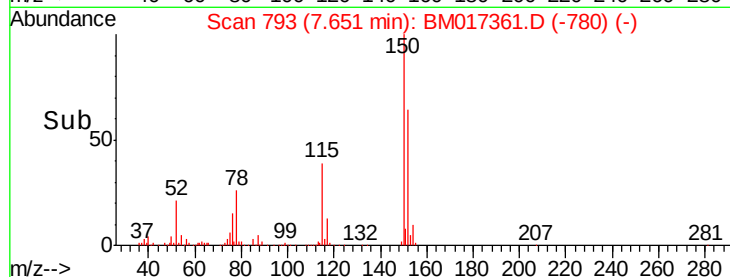
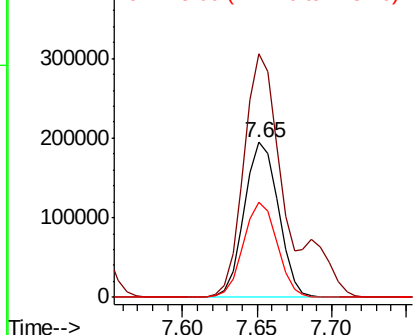


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

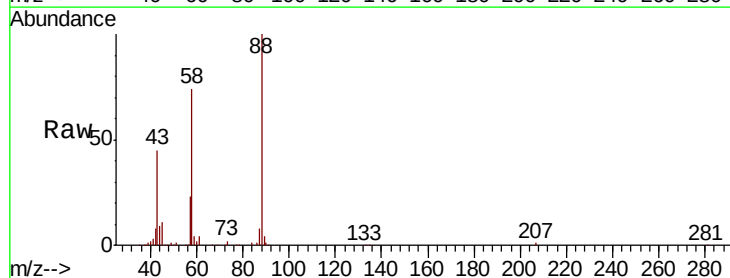
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.295 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	50.2	75.4
43	43.4	19.3	28.9

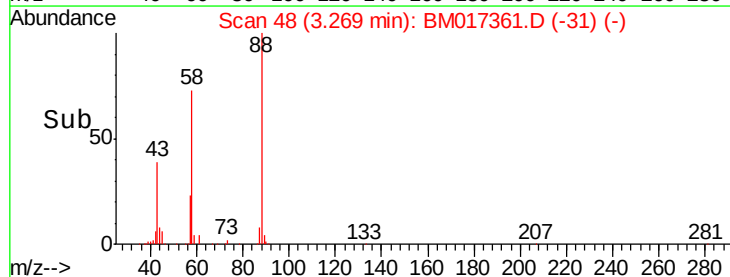
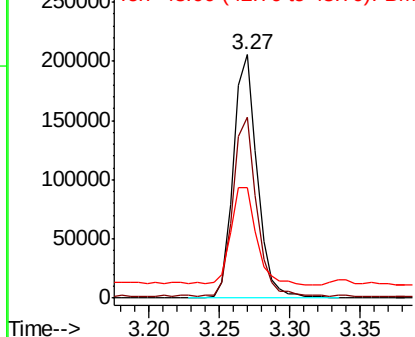


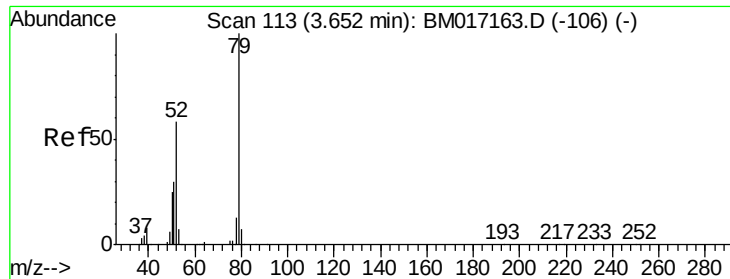
Abundance

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: 31.511 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

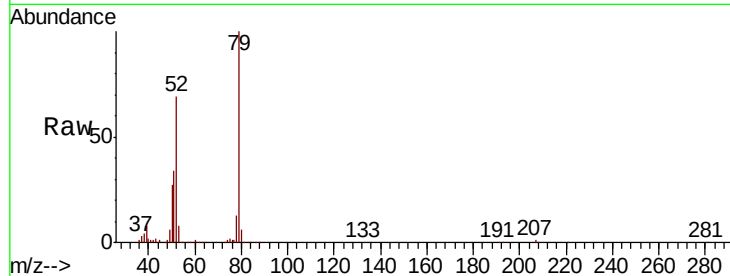
Tot Ion: 79 Resp: 671168

Ion Ratio Lower Upper

79 100

52 68.6 46.5 69.7

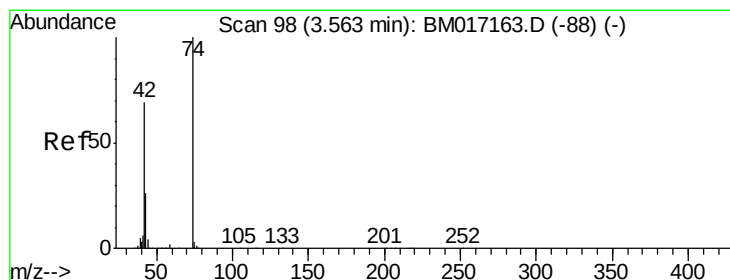
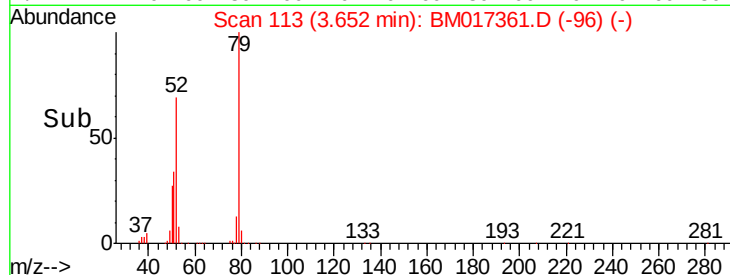
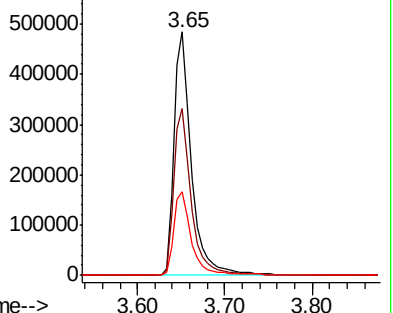
51 34.3 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017361.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017361.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017361.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 41.906 ng

RT: 3.56 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

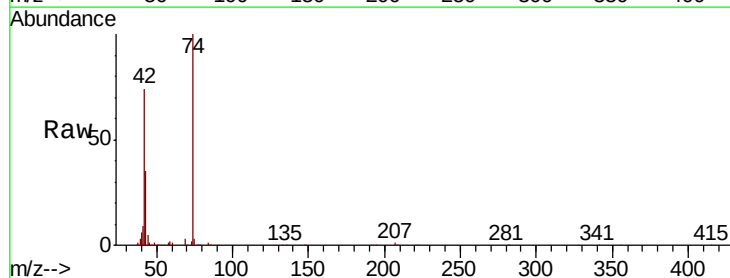
Tgt Ion: 42 Resp: 358316

Ion Ratio Lower Upper

42 100

74 135.9 114.4 171.6

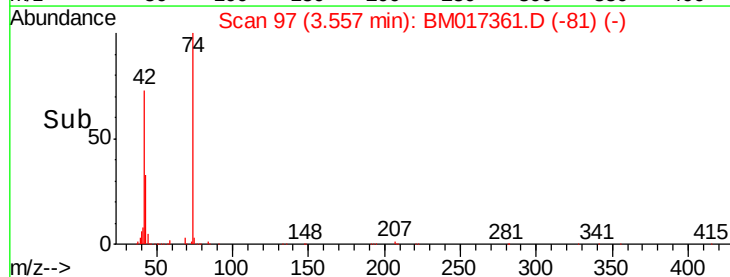
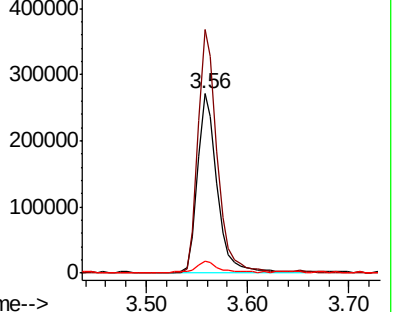
44 6.9 48.6 73.0#

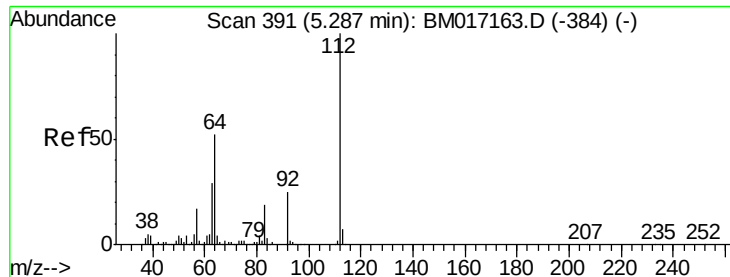


Abundance Ion 42.00 (41.70 to 42.70): BM017361.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017361.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017361.D (-88) (-)





#5

2-Fluorophenol

Concen: 112.619 ng

RT: 5.27 min Scan# 389

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

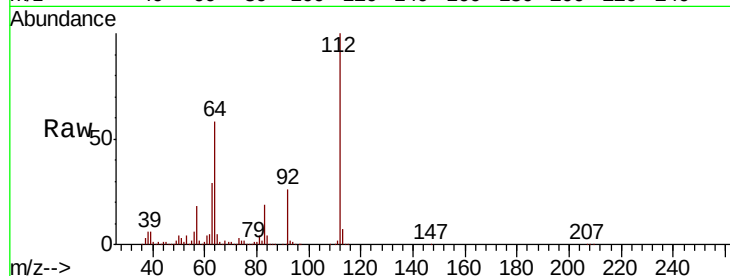
Tot Ion:112 Resp: 2041564

Ion Ratio Lower Upper

112 100

64 57.9 41.7 62.5

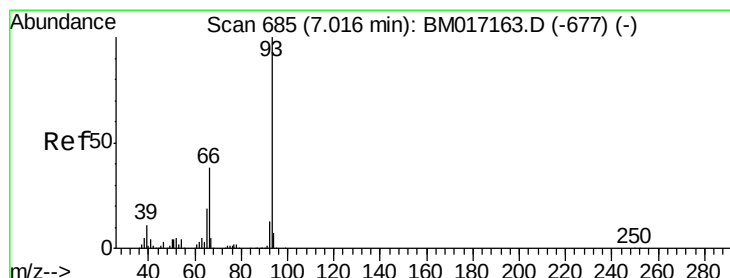
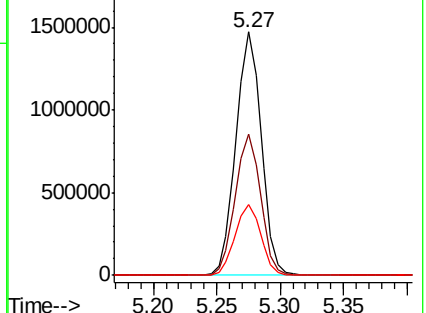
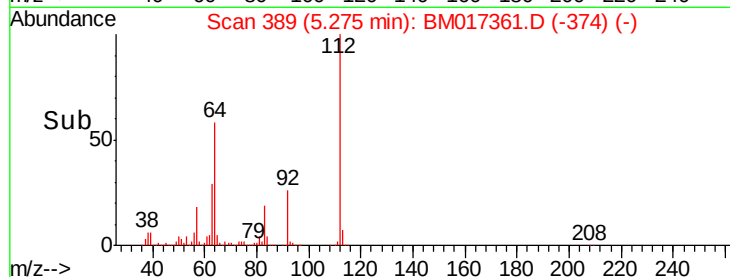
63 29.1 23.0 34.4



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: 11.742 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

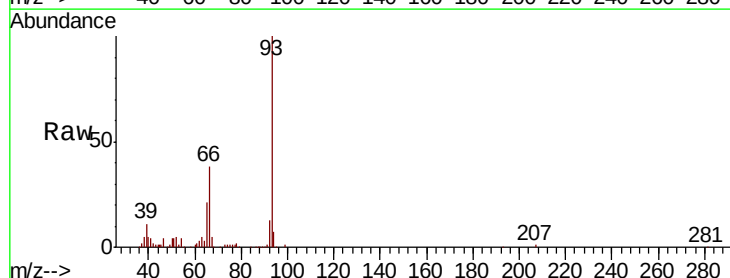
Tgt Ion: 93 Resp: 362623

Ion Ratio Lower Upper

93 100

66 38.4 30.4 45.6

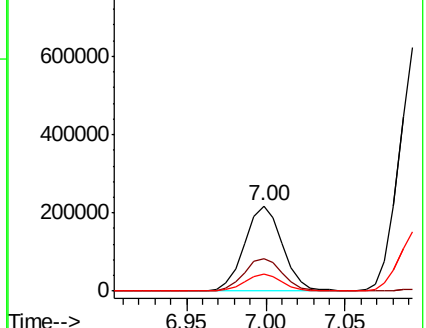
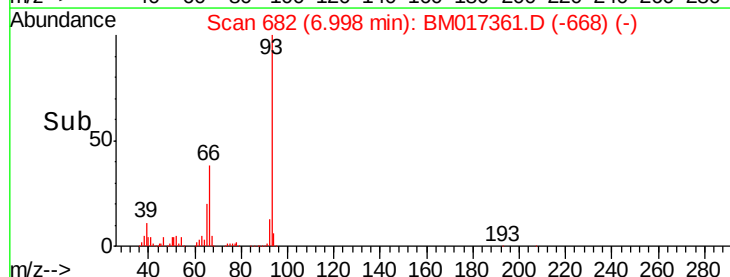
65 20.5 15.3 22.9

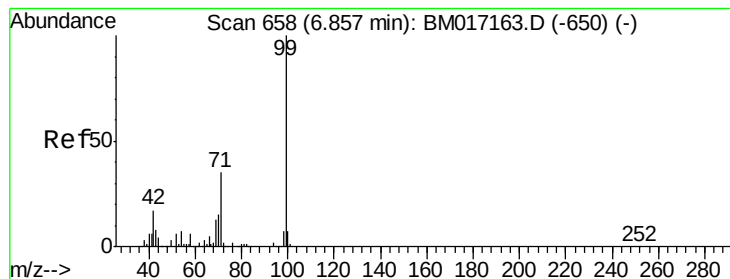


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 109.086 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

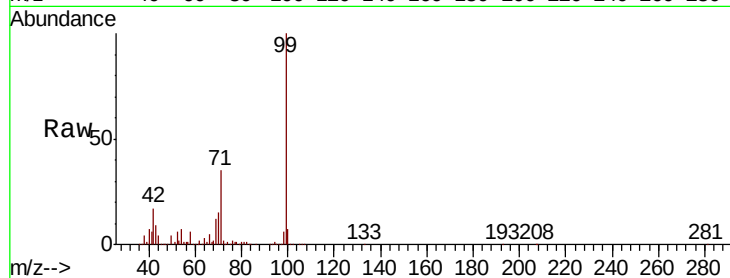
Tot Ion: 99 Resp: 2693266

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

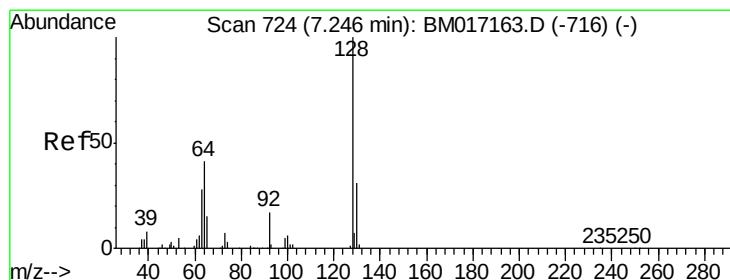
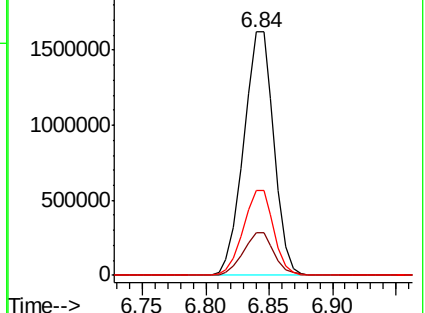
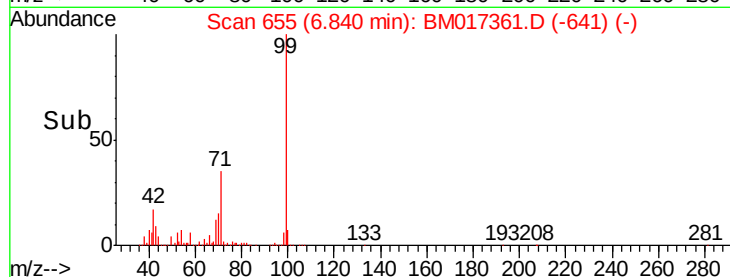
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017361.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017361.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017361.D (-650) (-)



#8

2-Chlorophenol

Concen: 48.893 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

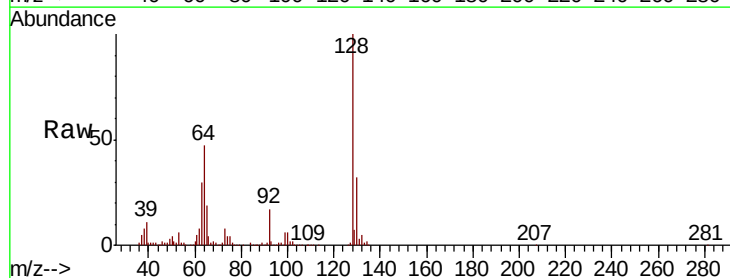
Tgt Ion:128 Resp: 1025383

Ion Ratio Lower Upper

128 100

130 31.9 11.0 51.0

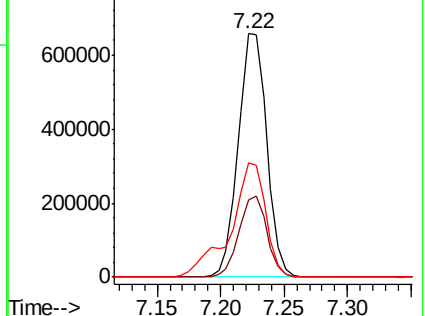
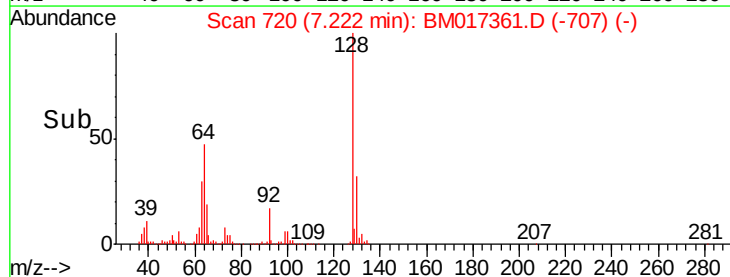
64 47.1 24.1 64.1

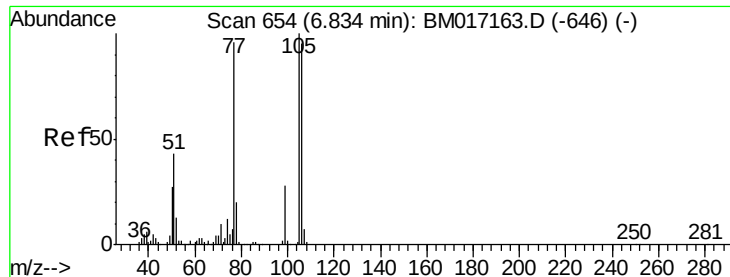


Abundance Ion 128.00 (127.70 to 128.70): BM017361.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017361.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017361.D (-716) (-)





#9

Benzaldehyde

Concen: 23.685 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

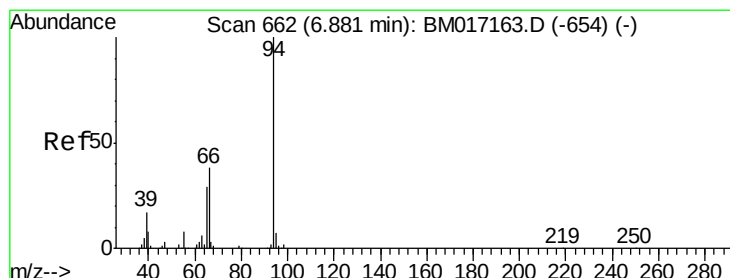
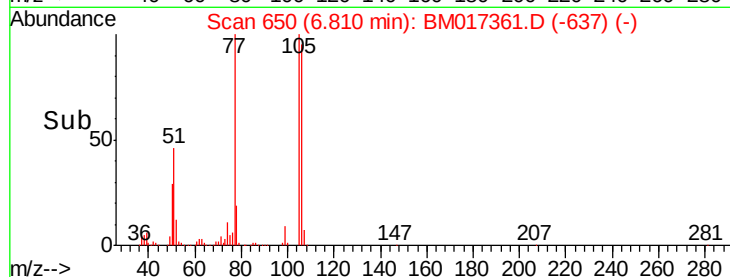
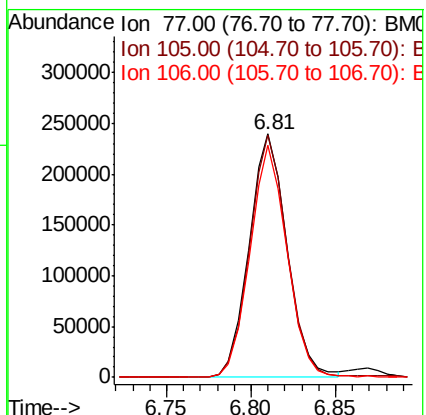
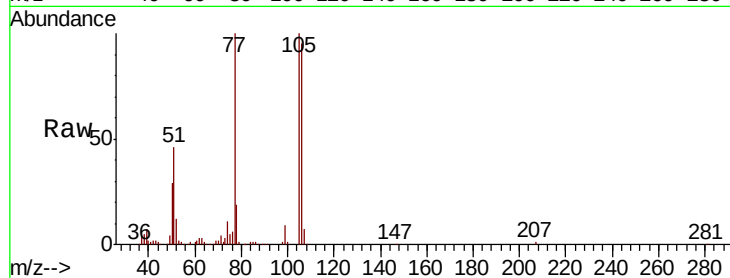
Tot Ion: 77 Resp: 372852

Ion Ratio Lower Upper

77 100

105 99.7 83.9 123.9

106 95.1 78.2 118.2



#10

Phenol

Concen: 43.500 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

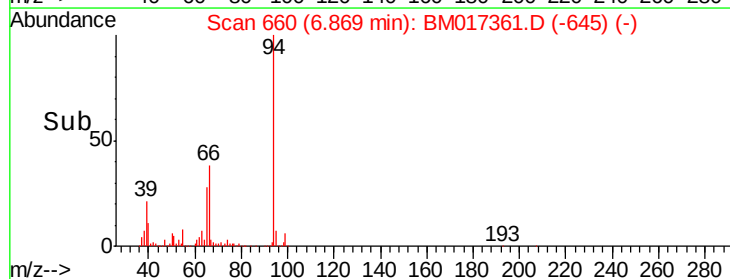
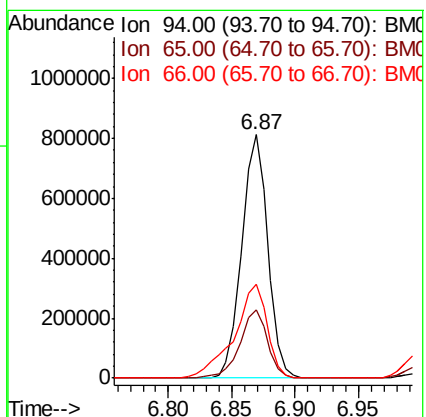
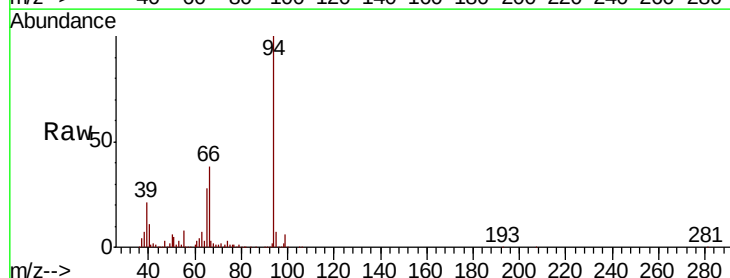
Tgt Ion: 94 Resp: 1155878

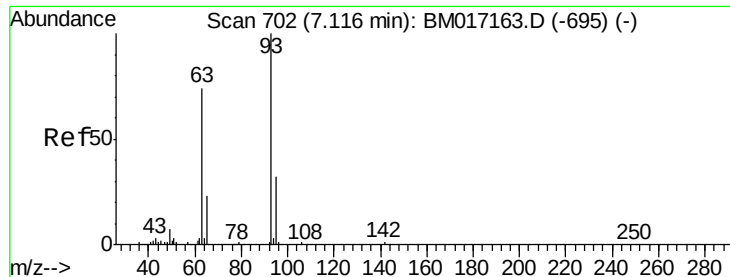
Ion Ratio Lower Upper

94 100

65 28.3 9.4 49.4

66 38.5 19.0 59.0

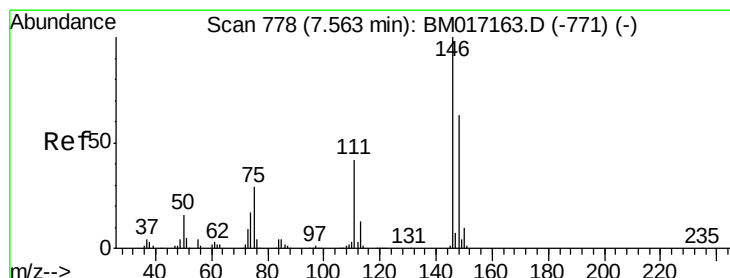
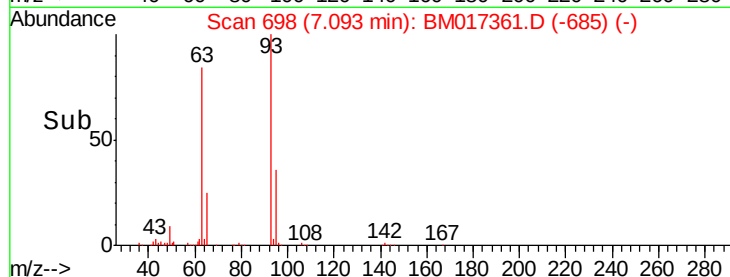
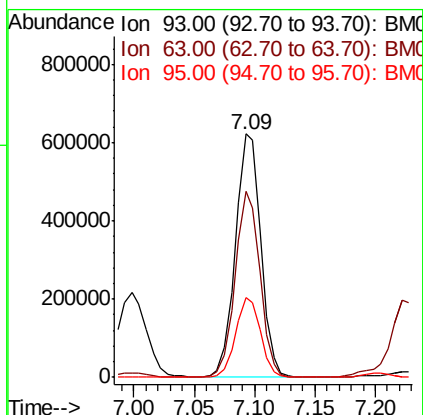
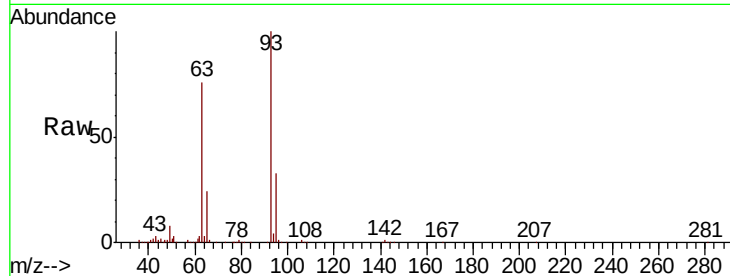




#11
bis(2-Chloroethyl)ether
Concen: 42.898 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

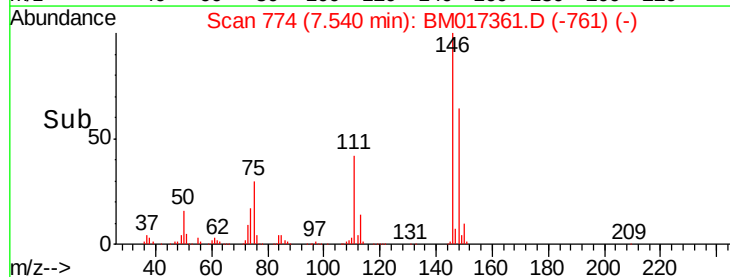
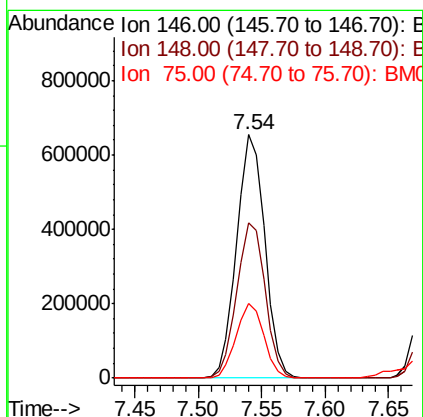
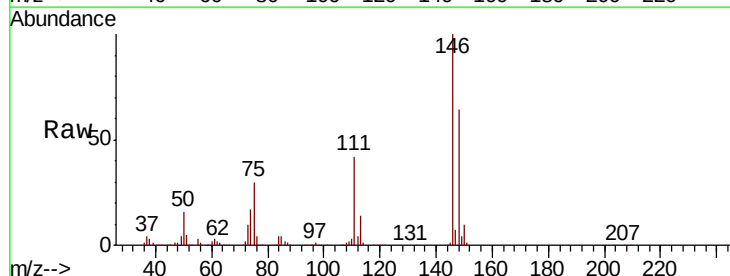
Instrument :
BNA_M
ClientSampleId :

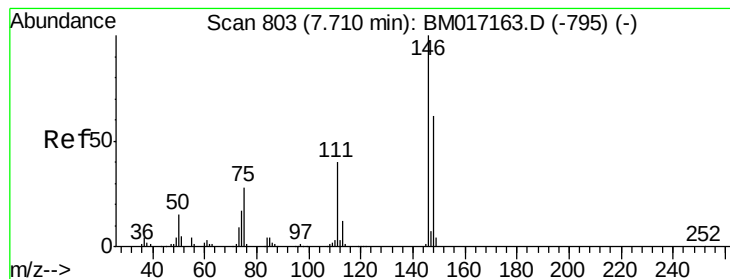
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	54.0	94.0
95	32.9	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 41.194 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.4
75	30.4	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 41.541 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

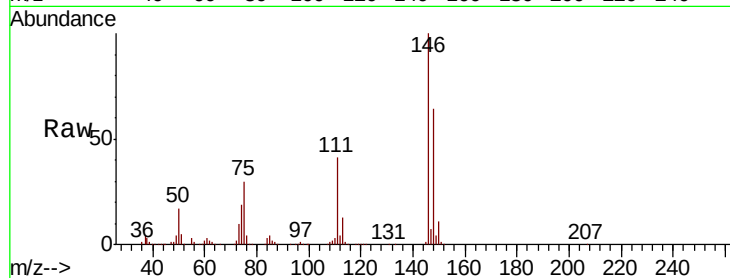
Tot Ion:146 Resp: 1037593

Ion Ratio Lower Upper

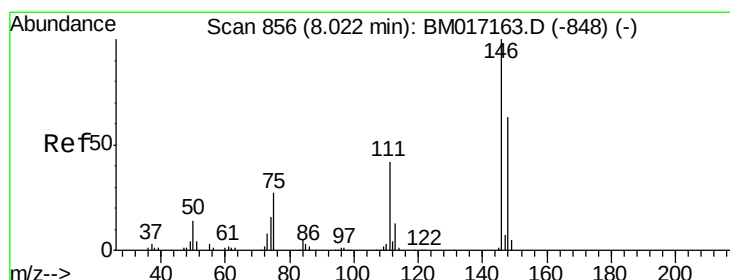
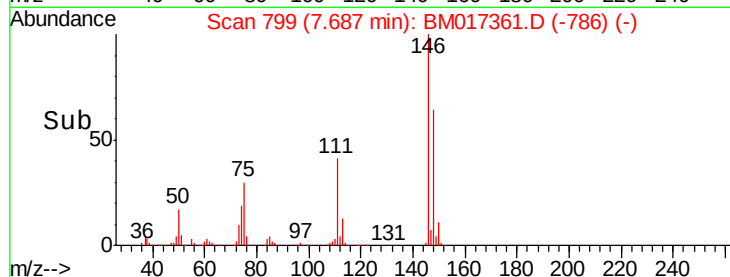
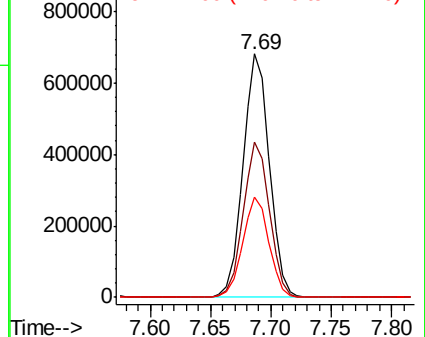
146 100

148 64.0 49.8 74.6

111 41.1 32.1 48.1



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



#14

1,2-Dichlorobenzene

Concen: 41.746 ng

RT: 8.00 min Scan# 852

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

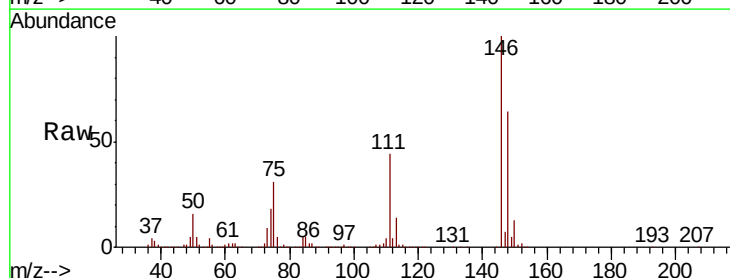
Tgt Ion:146 Resp: 1004634

Ion Ratio Lower Upper

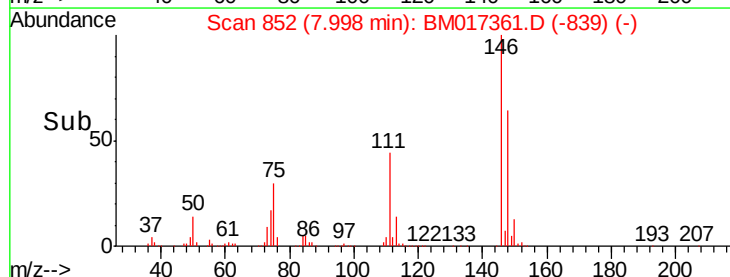
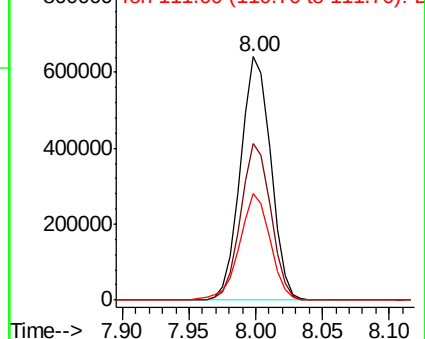
146 100

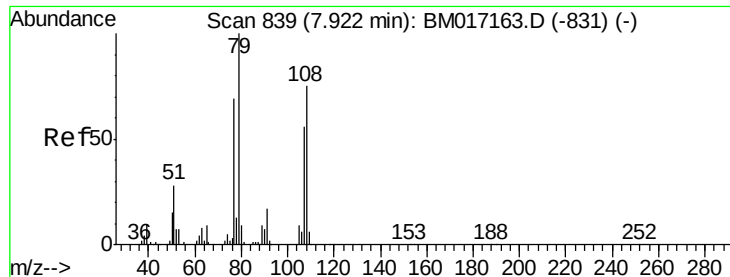
148 64.2 50.8 76.2

111 43.8 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: 53.442 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

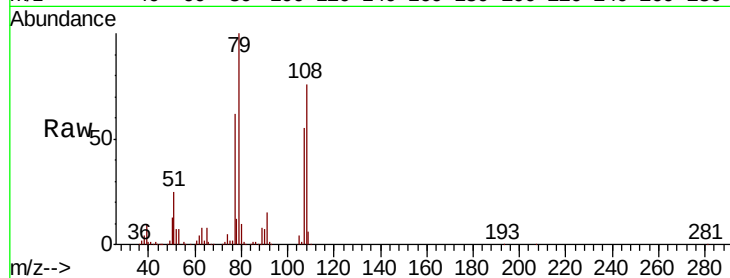
Tot Ion: 79 Resp: 964448

Ion Ratio Lower Upper

79 100

108 76.0 60.3 90.5

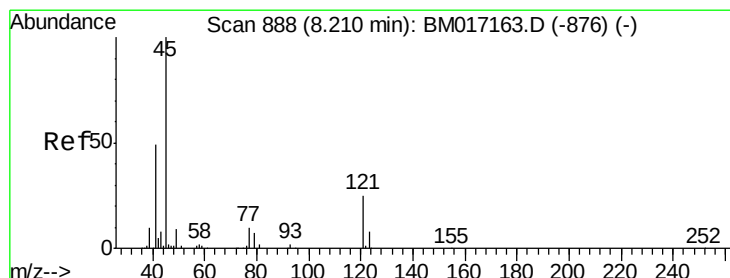
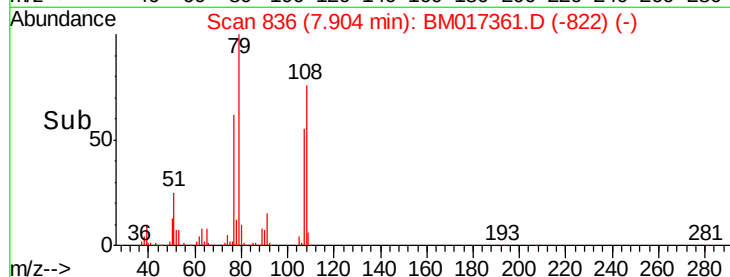
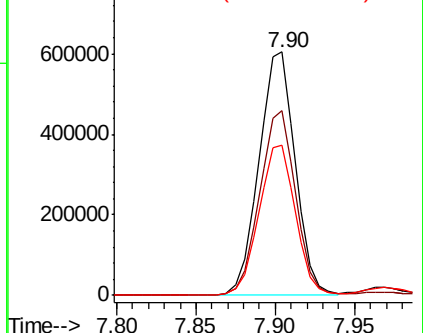
77 61.9 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017361.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017361.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017361.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.135 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

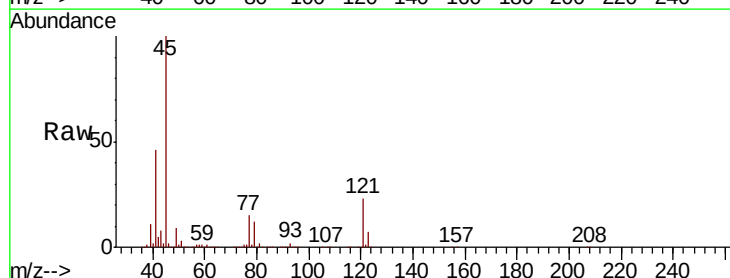
Tgt Ion: 45 Resp: 1246913

Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.5

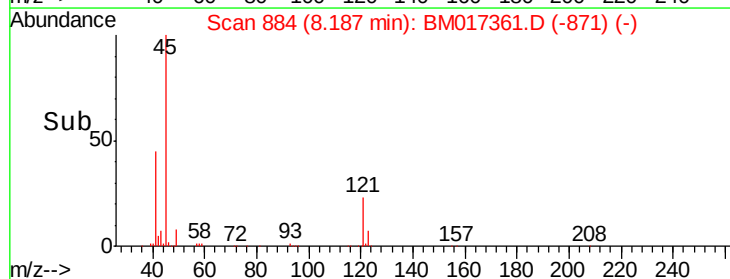
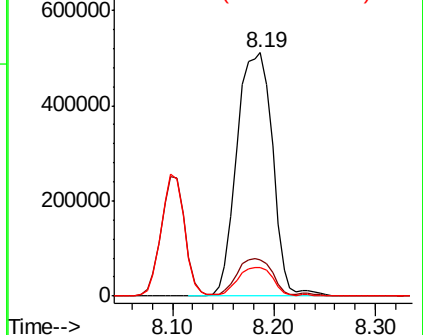
79 11.6 0.0 32.1

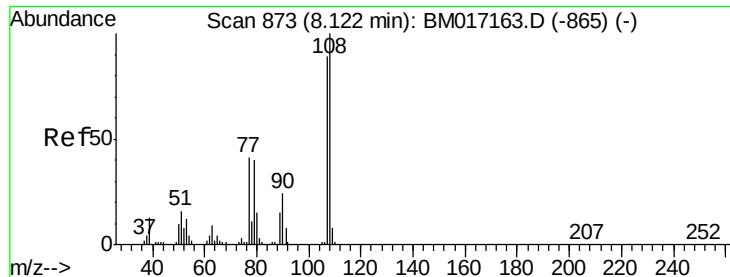


Abundance Ion 45.00 (44.70 to 45.70): BM017361.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017361.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017361.D (-876) (-)





#17

2-Methylphenol

Concen: 51.846 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 884250

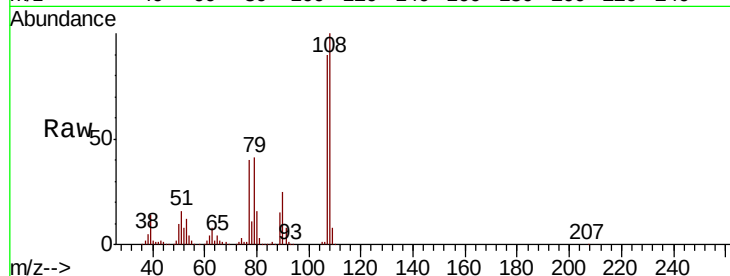
Ion Ratio Lower Upper

107 100

108 111.0 90.3 135.5

77 44.8 37.0 55.4

79 45.8 35.8 53.6

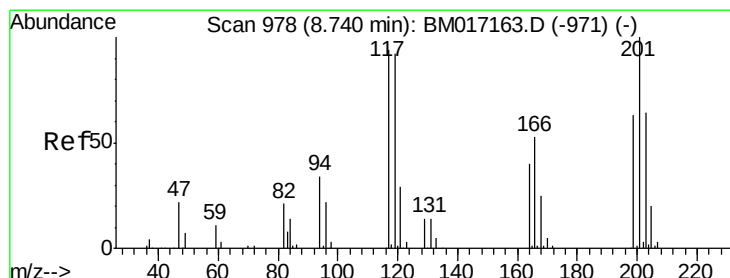
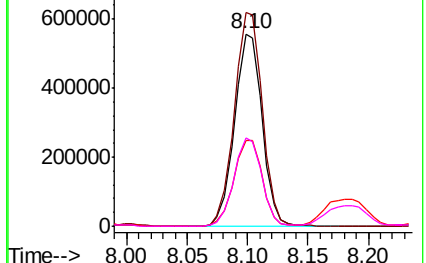
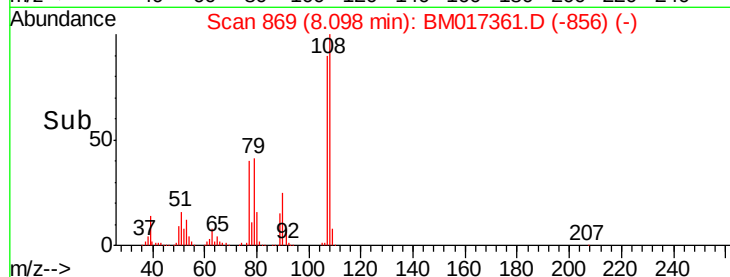


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 42.567 ng

RT: 8.72 min Scan# 974

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

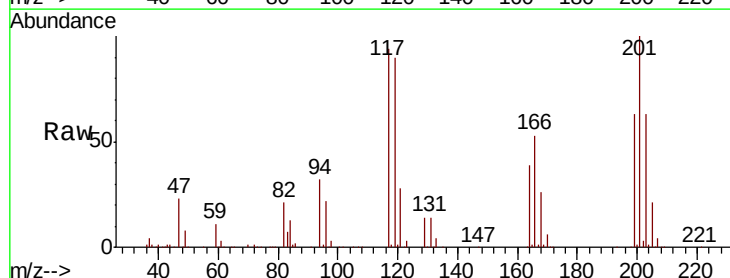
Tgt Ion:117 Resp: 363864

Ion Ratio Lower Upper

117 100

119 95.1 78.2 117.2

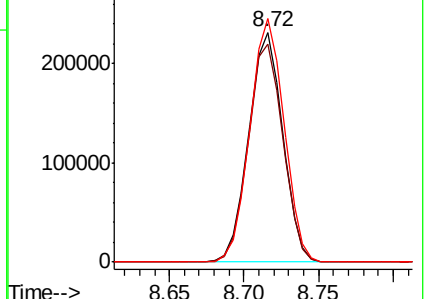
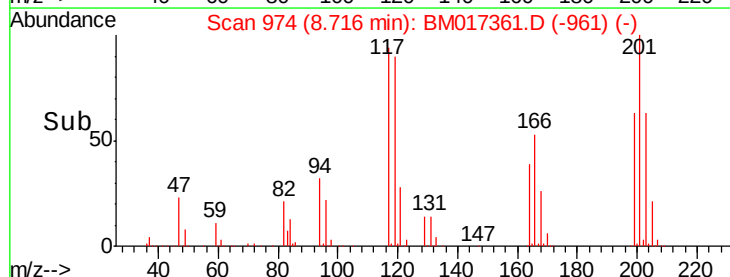
201 106.1 85.3 127.9

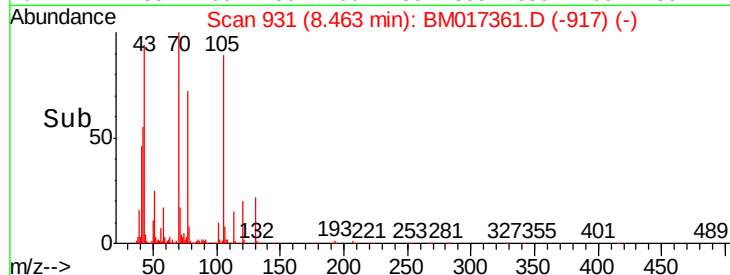
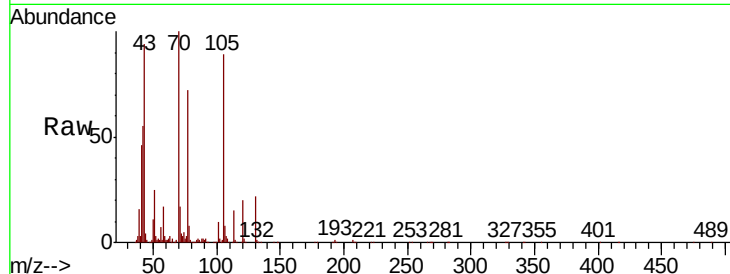
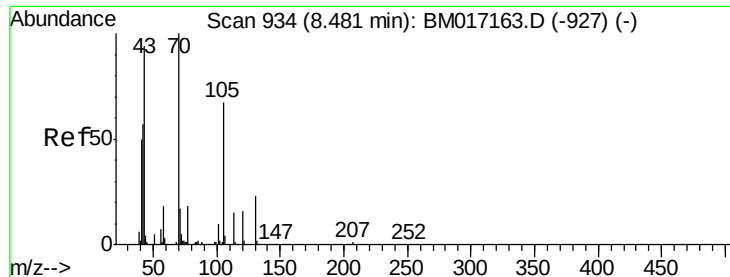


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

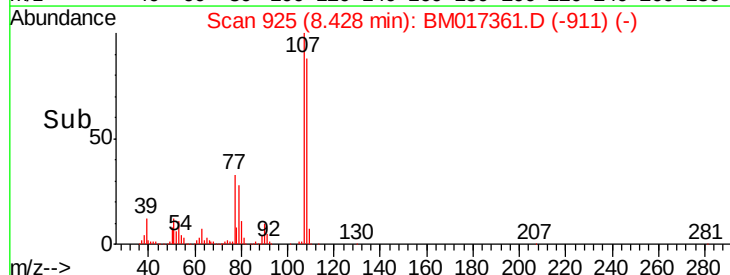
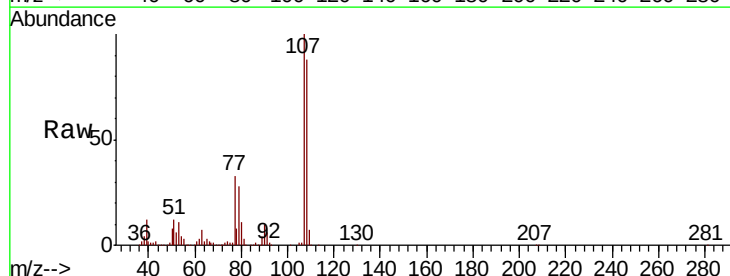
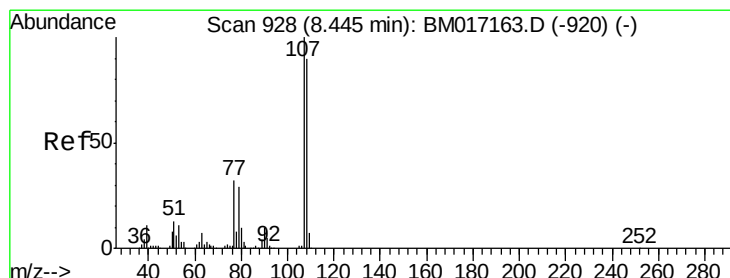
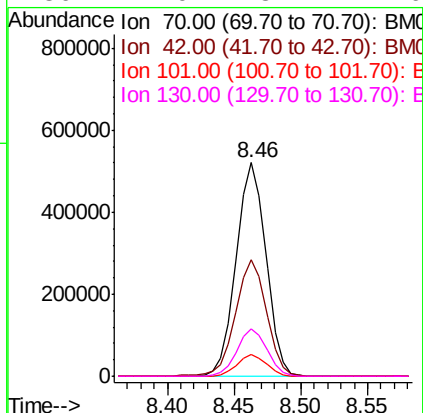




#19
n-Nitroso-di-n-propylamine
Concen: 49.651 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

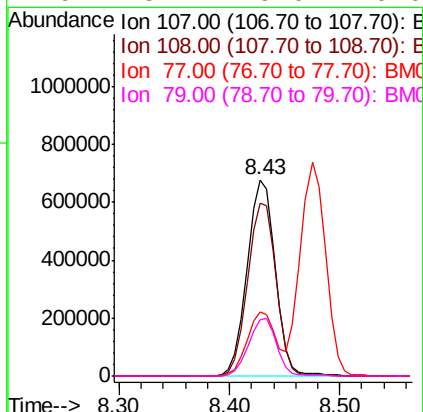
Instrument :
BNA_M
ClientSampleId :

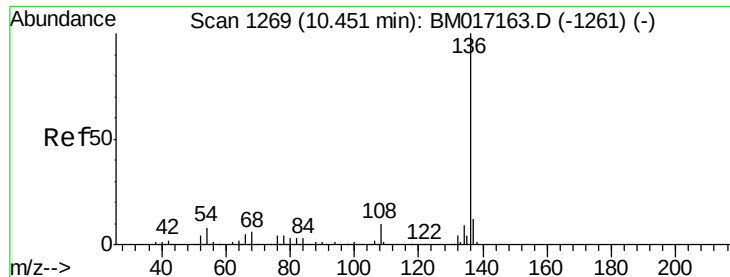
Tot Ion:	70	Resp:	807185
Ion	Ratio	Lower	Upper
70	100		
42	54.7	46.1	69.1
101	10.2	8.2	12.4
130	22.0	18.4	27.6



#20
3+4-Methylphenols
Concen: 52.193 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:	107	Resp:	1217504
Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.9	109.9
77	32.8	12.2	52.2
79	28.4	9.0	49.0

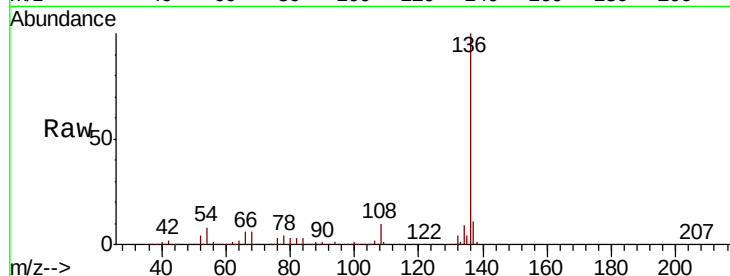




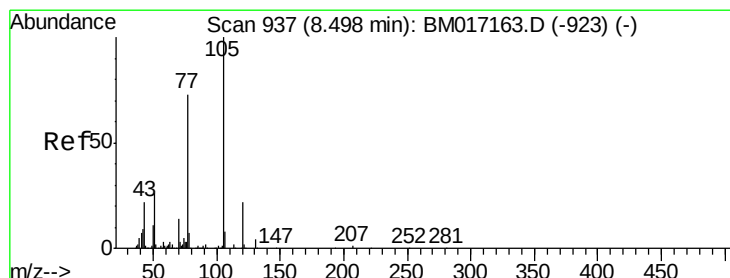
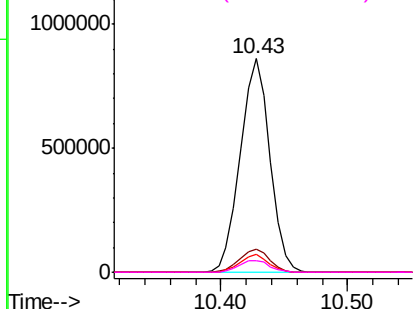
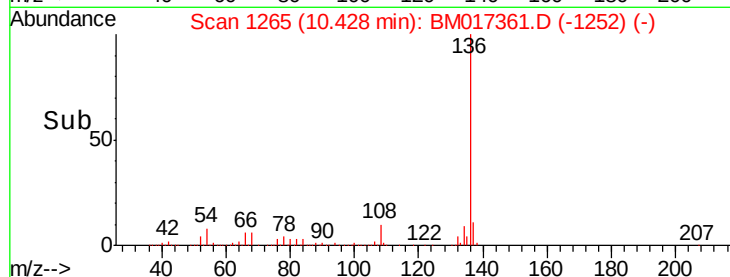
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 1395684
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 8.1	6.7 10.1
68 5.7	4.7 7.1

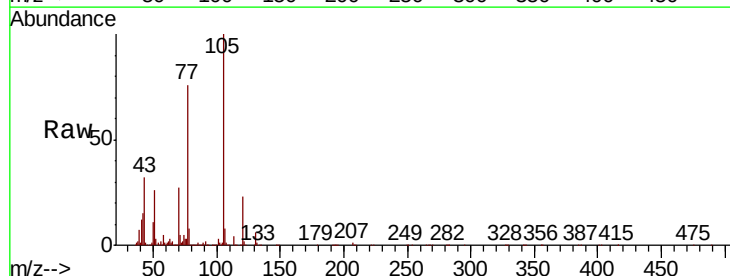


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

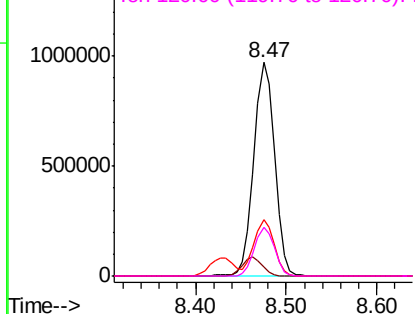
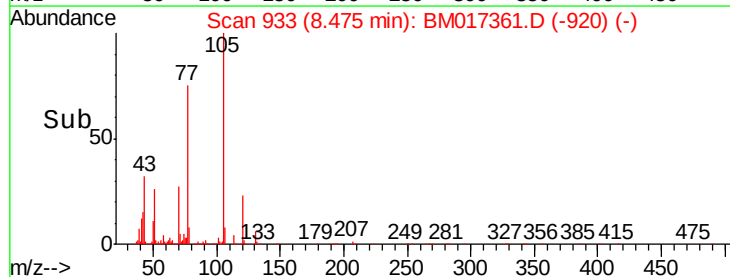


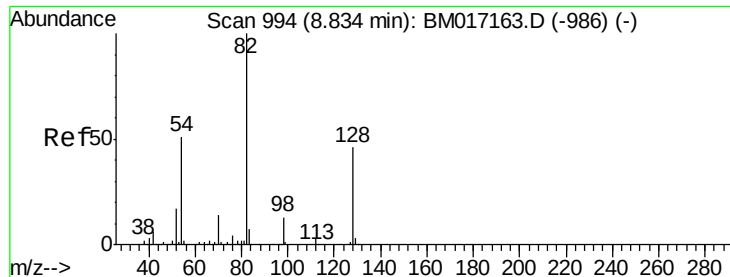
#22
Acetophenone
Concen: 43.964 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt	Ion:105	Resp:	1555412
Ion	Ratio	Lower	Upper
105	100		
71	4.5	2.0	3.0#
51	26.2	20.6	31.0
120	22.7	17.5	26.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

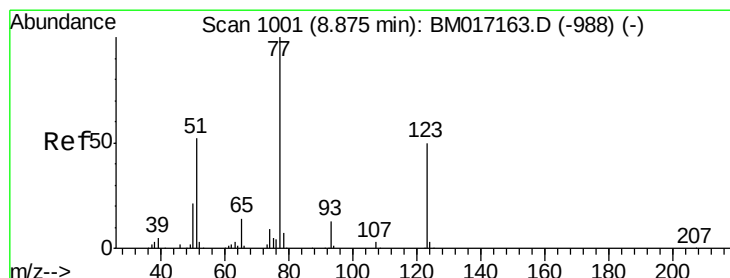
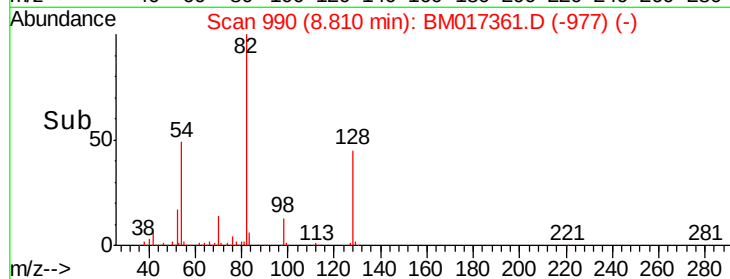
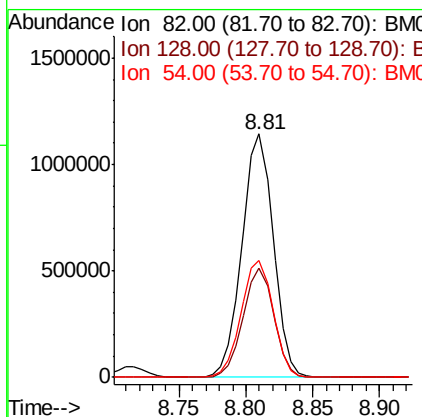
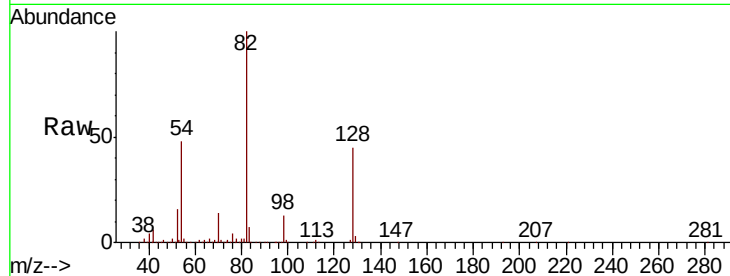




#23
 Nitrobenzene-d5
 Concen: 78.044 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

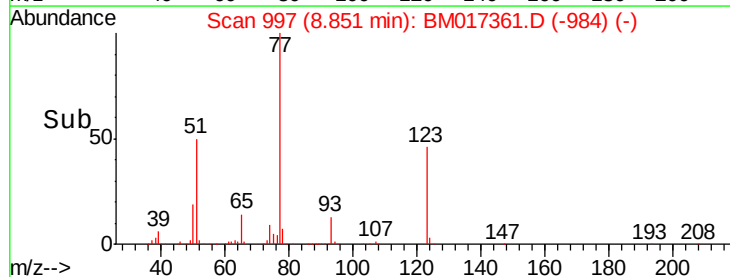
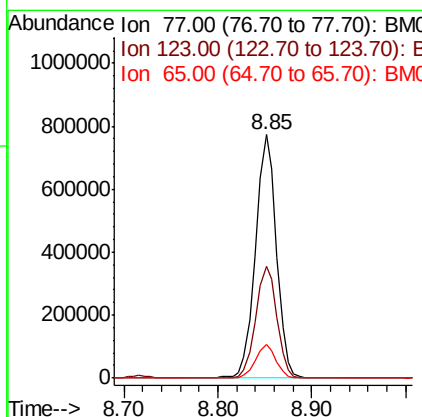
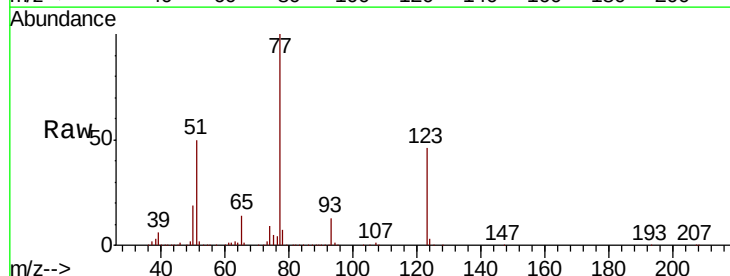
Instrument :
 BNA_M
 ClientSampleId :

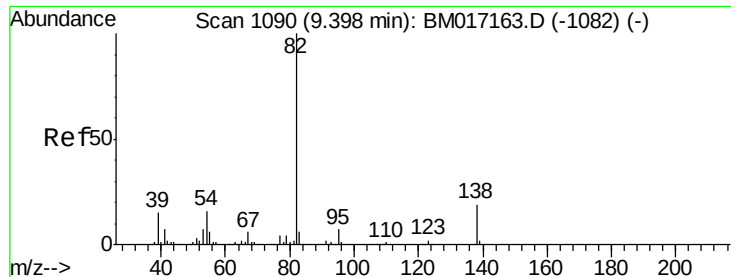
Tot Ion: 82 Resp: 1862421
 Ion Ratio Lower Upper
 82 100
 128 44.9 37.0 55.6
 54 48.1 40.7 61.1



#24
 Nitrobenzene
 Concen: 47.102 ng
 RT: 8.85 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion: 77 Resp: 1188971
 Ion Ratio Lower Upper
 77 100
 123 46.1 40.2 60.4
 65 13.6 11.4 17.0





#25

Isophorone

Concen: 56.807 ng

RT: 9.37 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

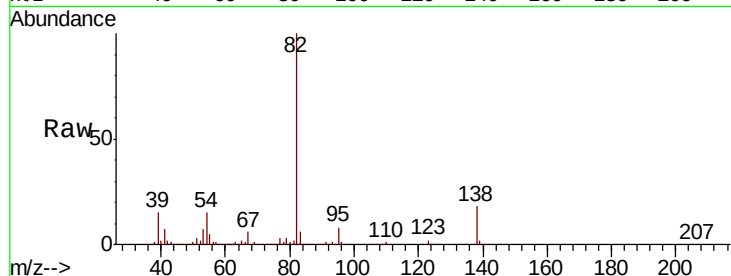
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 82 Resp: 2238547

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	18.0	15.4	23.2

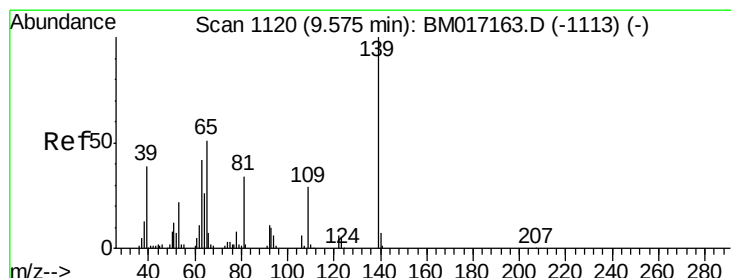
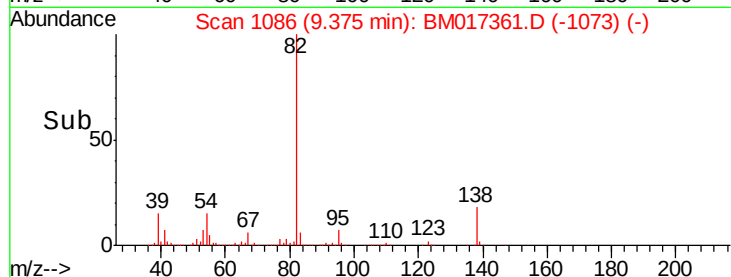
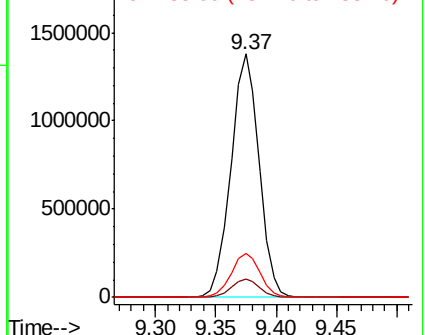


Abundance

Ion 82.00 (81.70 to 82.70): BM017361.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017361.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017361.D (-1082) (-)



#26

2-Nitrophenol

Concen: 49.221 ng

RT: 9.55 min Scan# 1116

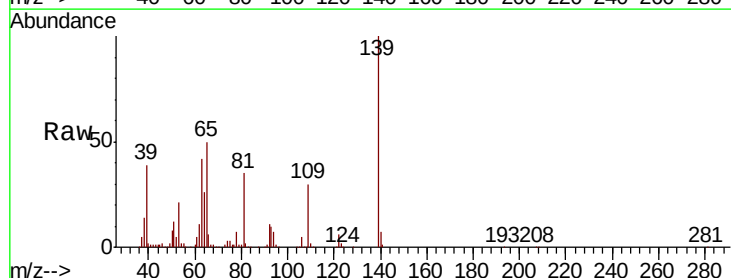
Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Tgt Ion: 139 Resp: 583424

Ion	Ratio	Lower	Upper
139	100		
109	30.3	23.2	34.8
65	50.1	40.6	61.0

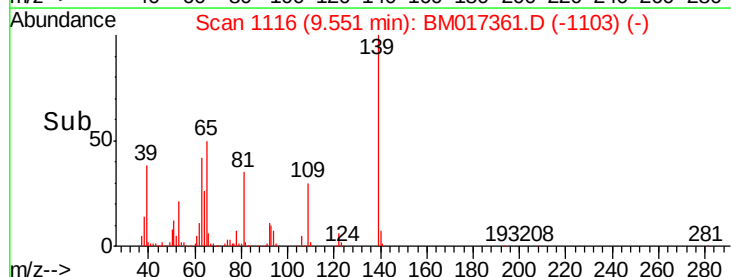
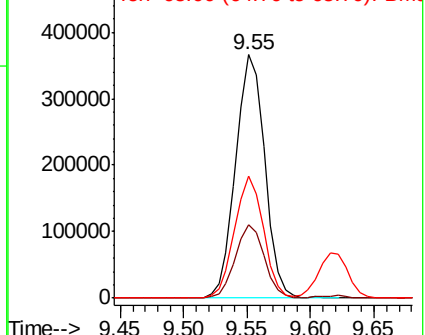


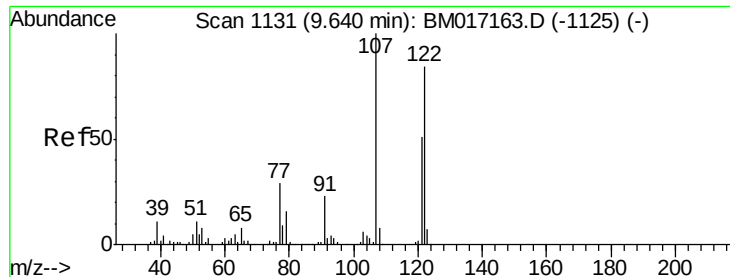
Abundance

Ion 139.00 (138.70 to 139.70): BM017361.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM017361.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM017361.D (-1103) (-)

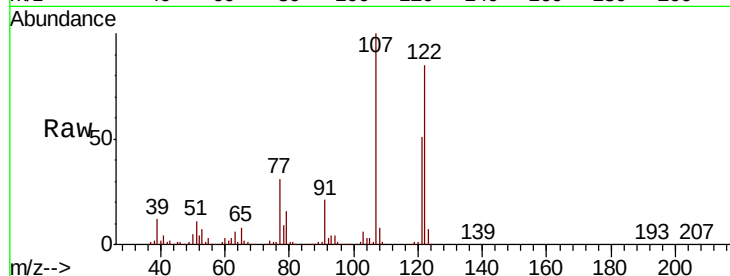




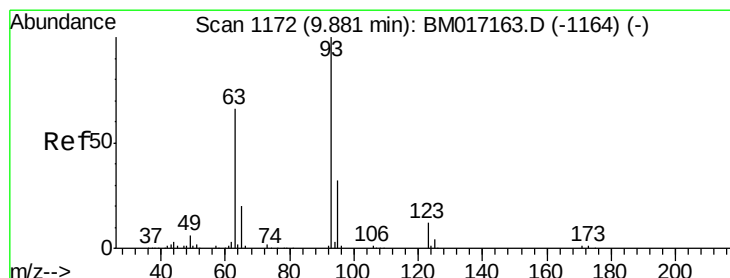
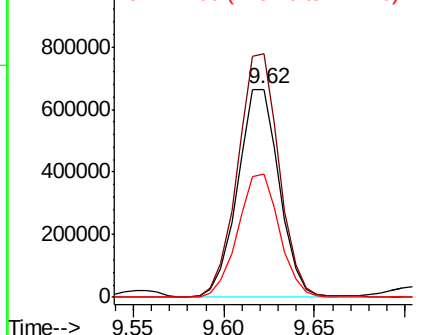
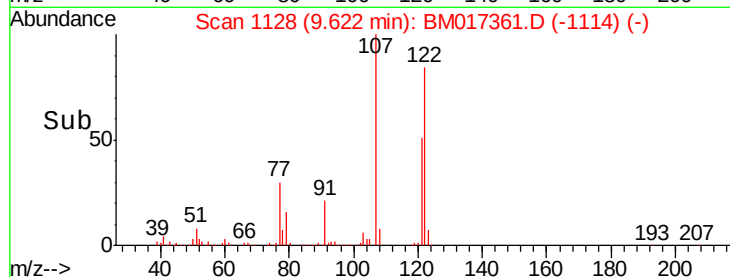
#27
 2,4-Dimethylphenol
 Concen: 60.382 ng
 RT: 9.62 min Scan# 1128
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:122 Resp: 1052120
 Ion Ratio Lower Upper
 122 100
 107 117.0 95.0 142.6
 121 59.5 48.2 72.4

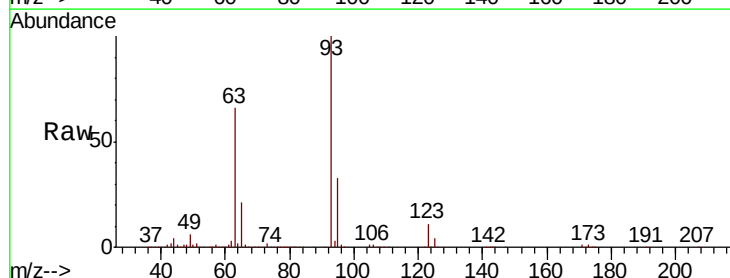


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

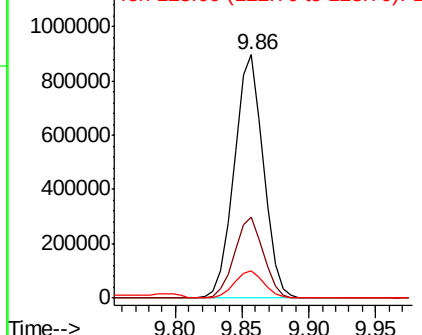
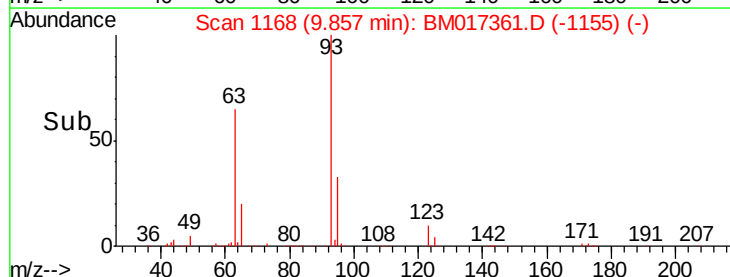


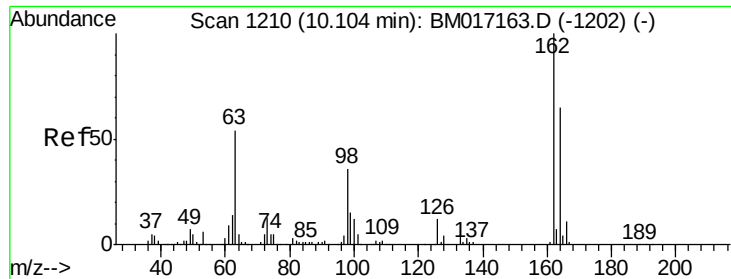
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.790 ng
 RT: 9.86 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion: 93 Resp: 1353208
 Ion Ratio Lower Upper
 93 100
 95 33.1 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

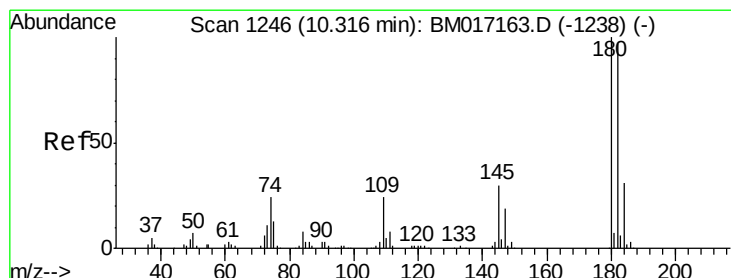
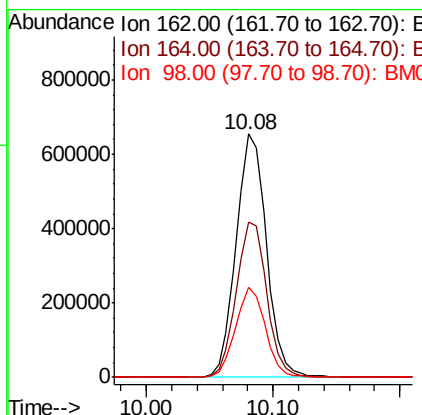
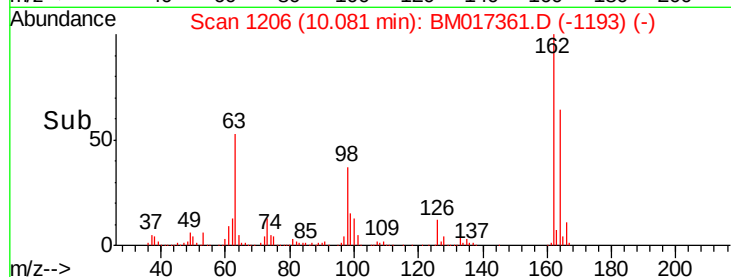
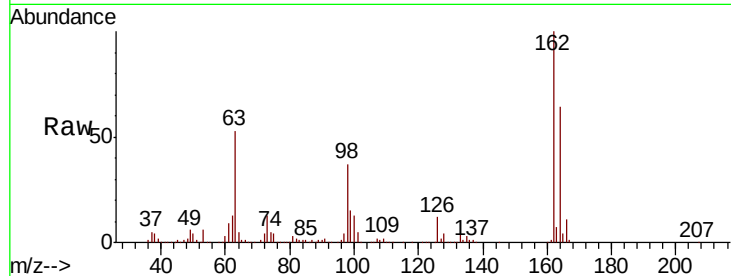




#29
 2,4-Dichlorophenol
 Concen: 53.752 ng
 RT: 10.08 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

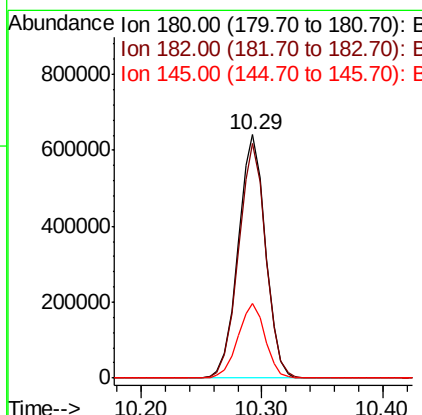
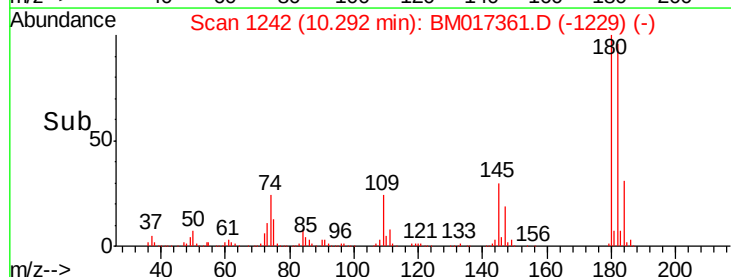
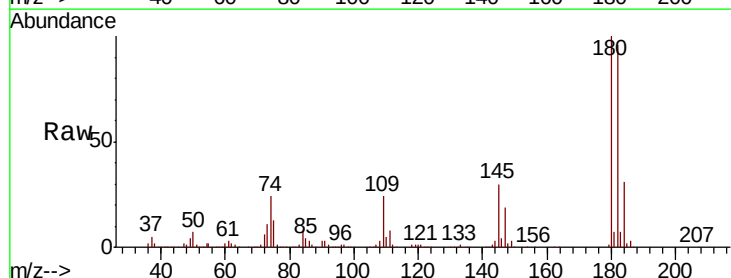
Instrument :
 BNA_M
 ClientSampleId :

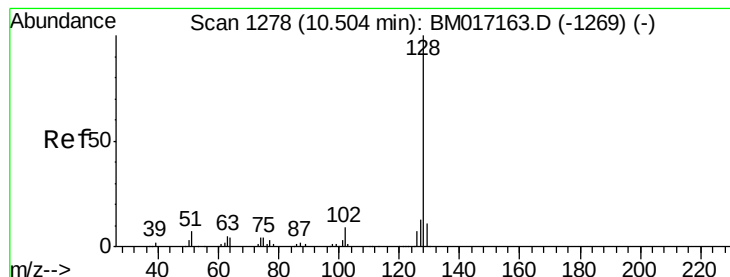
Tot Ion:162 Resp: 1087450
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.9 84.9
 98 36.8 15.8 55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.669 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion:180 Resp: 1011293
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.5 116.3
 145 30.4 24.0 36.0

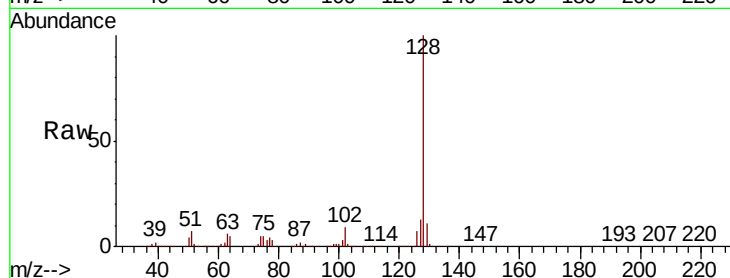




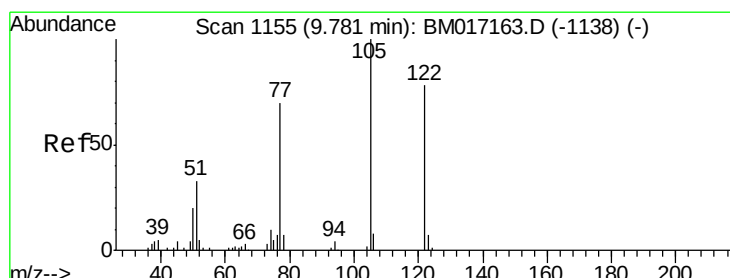
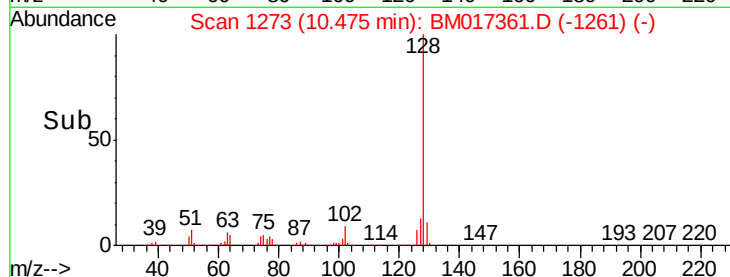
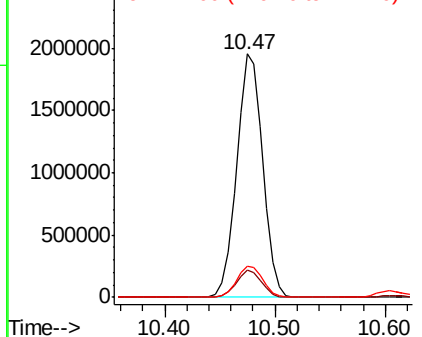
#31
Naphthalene
Concen: 47.101 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 3221579
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.0 10.3 15.5

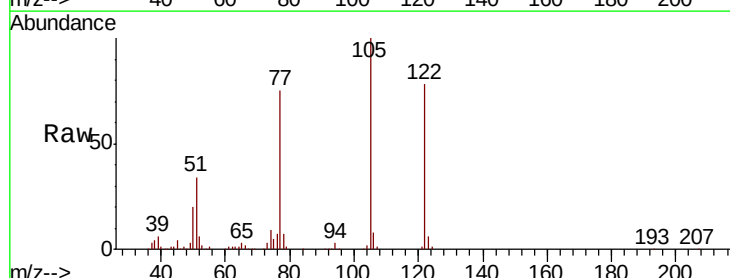


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

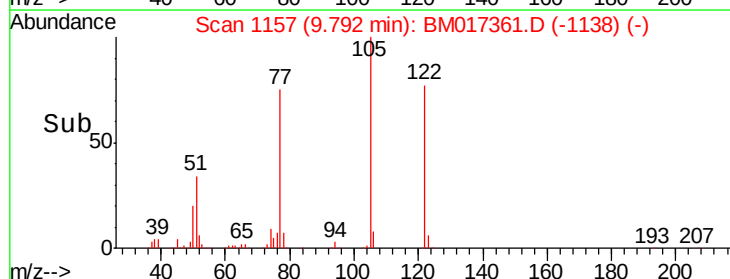
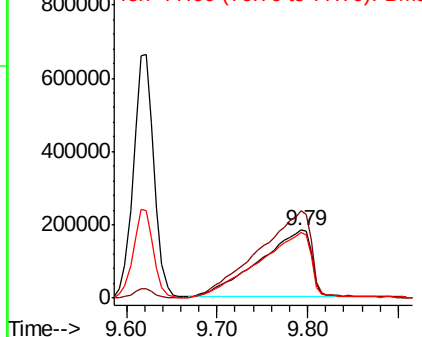


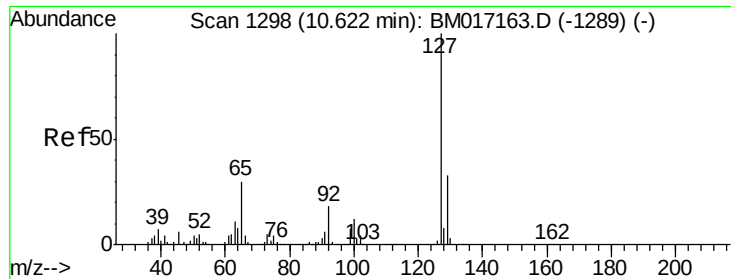
#32
Benzoic acid
Concen: 56.390 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:122 Resp: 733134
Ion Ratio Lower Upper
122 100
105 128.0 102.0 142.0
77 96.1 67.7 107.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

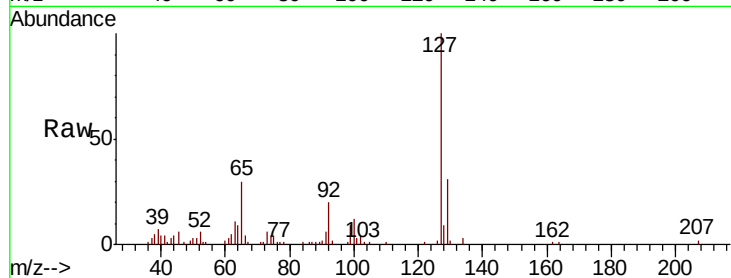




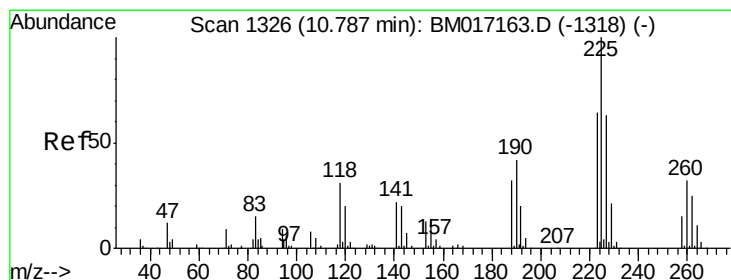
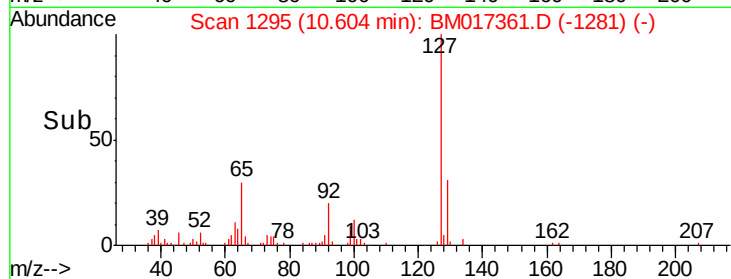
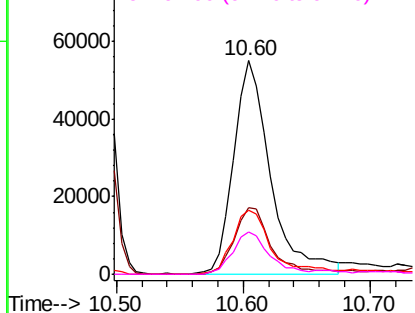
#33
4-Chloroaniline
Concen: 3.784 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	111768
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.4
65	30.0	23.7	35.5
92	20.0	14.3	21.5

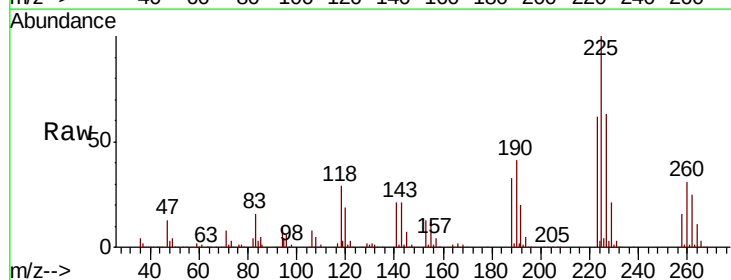


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

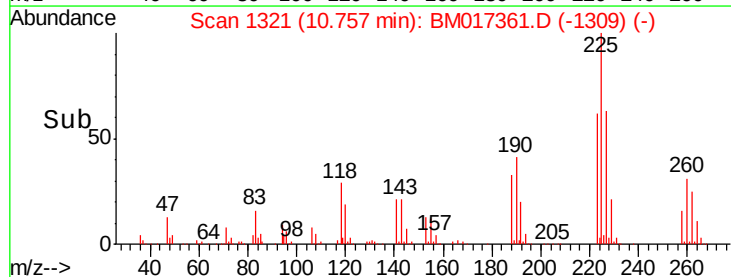
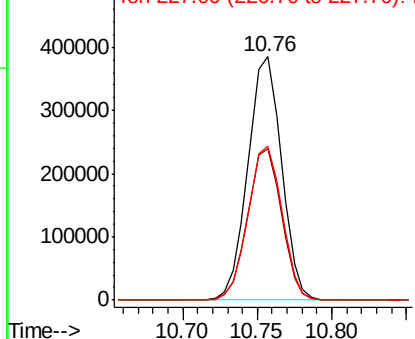


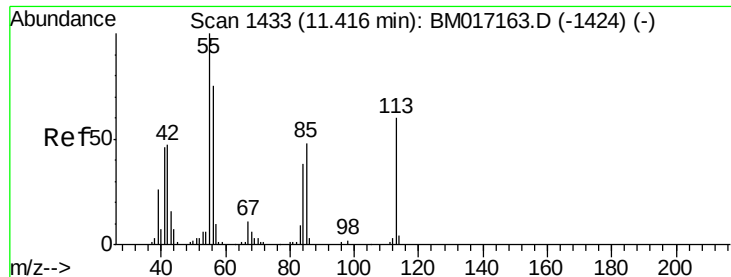
#34
Hexachlorobutadiene
Concen: 39.039 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:	225	Resp:	600321
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	63.3	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

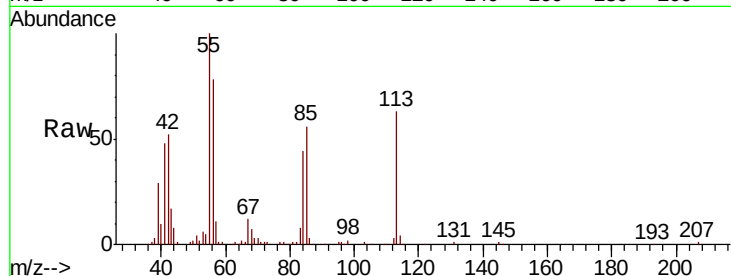




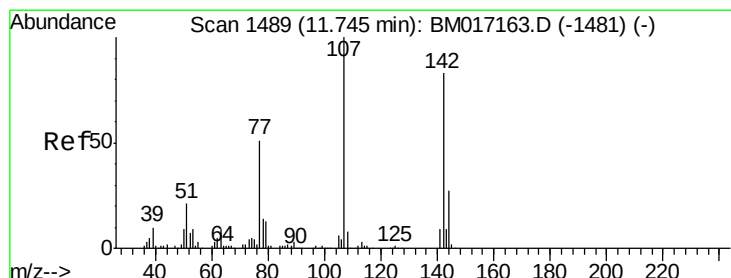
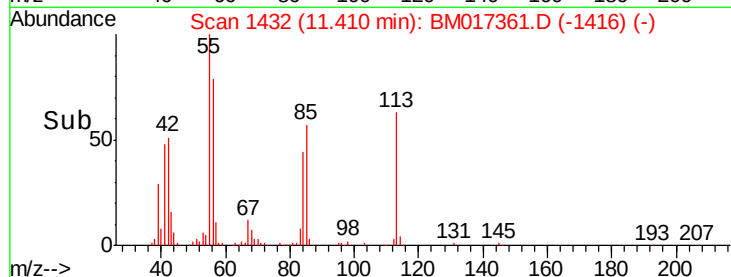
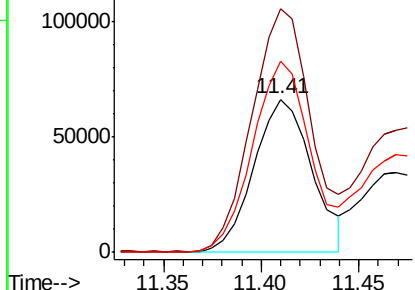
#35
Caprolactam
Concen: 18.537 ng
RT: 11.41 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:113 Resp: 136671
Ion Ratio Lower Upper
113 100
55 159.1 147.0 187.0
56 124.8 104.5 144.5

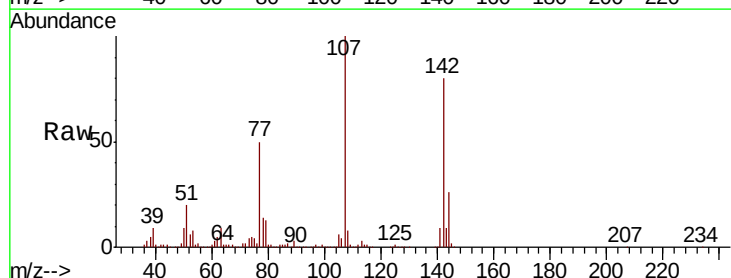


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

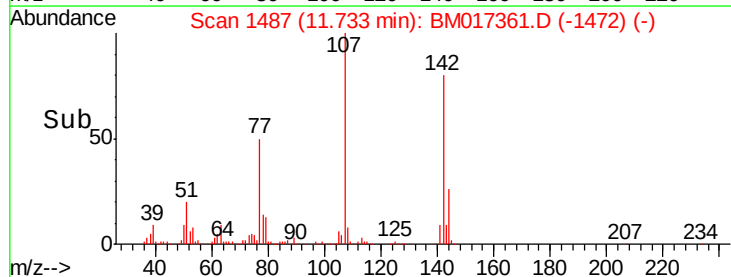
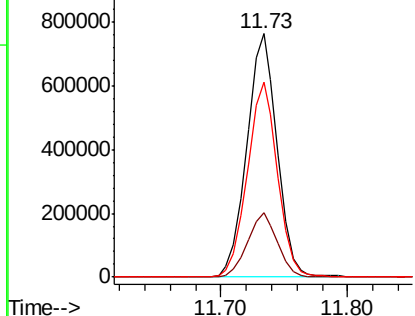


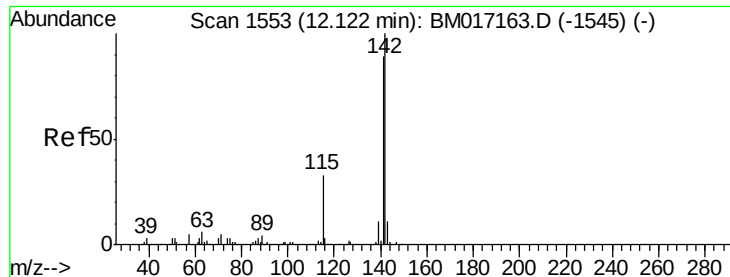
#36
4-Chloro-3-methylphenol
Concen: 55.669 ng
RT: 11.73 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:107 Resp: 1269510
Ion Ratio Lower Upper
107 100
144 26.3 21.6 32.4
142 80.3 66.0 99.0



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

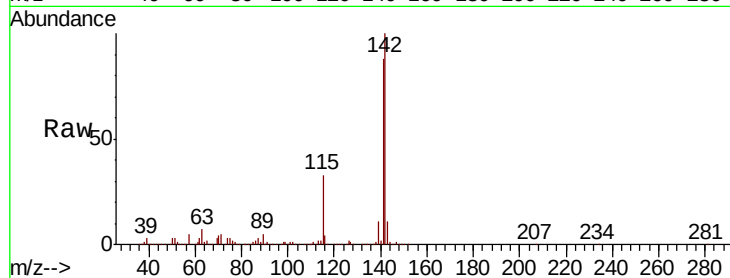




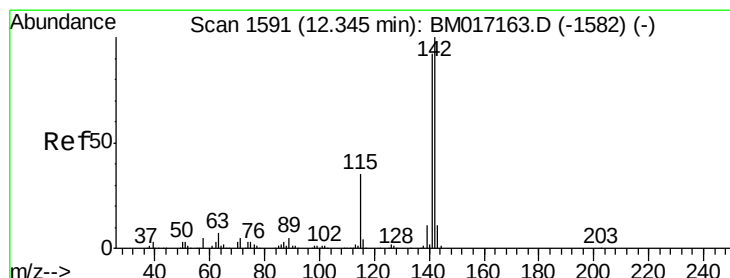
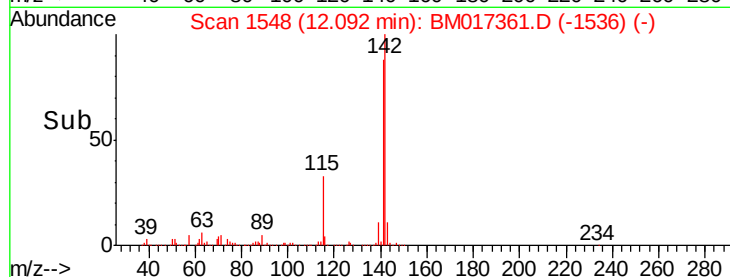
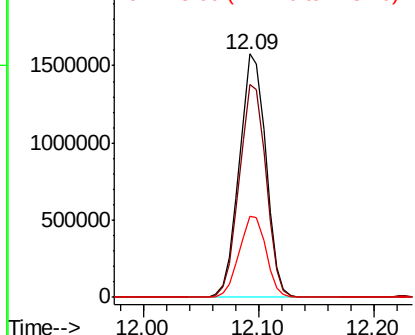
#37
 2-Methylnaphthalene
 Concen: 53.889 ng
 RT: 12.09 min Scan# 1548
 Delta R.T. -0.03 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 2522248
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.9 106.3
 115 33.5 26.4 39.6

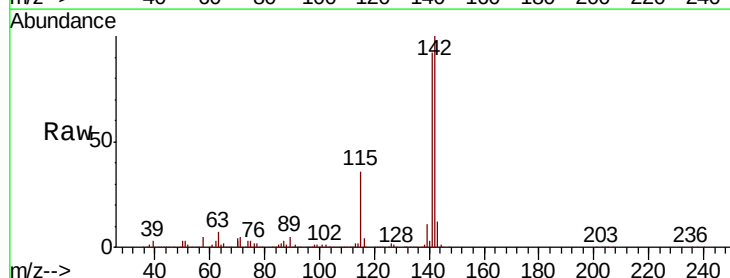


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

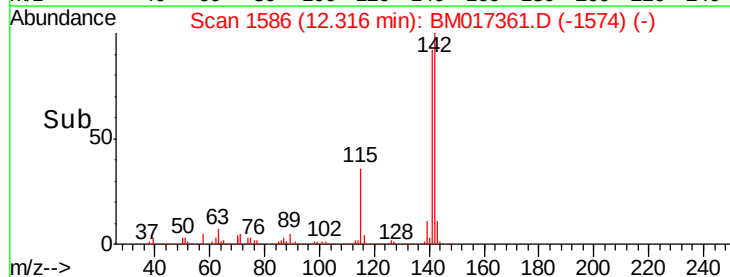
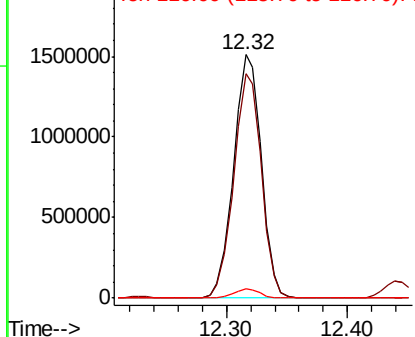


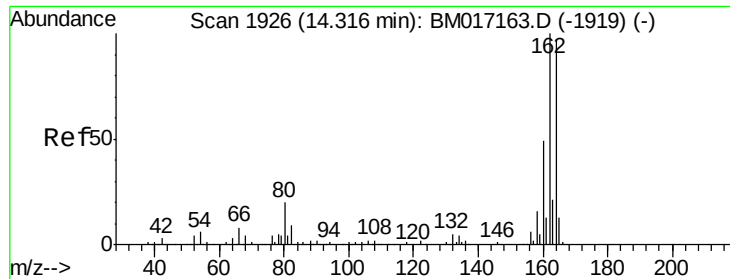
#38
 1-Methylnaphthalene
 Concen: 52.923 ng
 RT: 12.32 min Scan# 1586
 Delta R.T. -0.03 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion:142 Resp: 2410850
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.8 110.6
 116 3.9 2.9 4.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

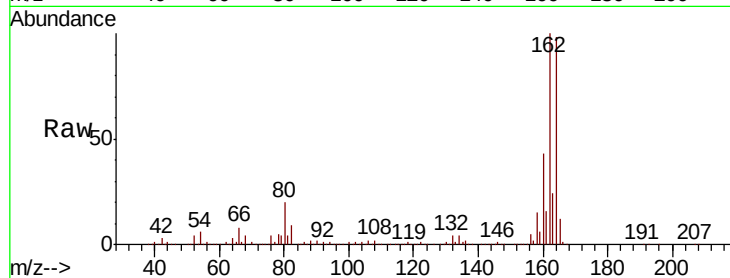
Tot Ion:164 Resp: 902585

Ion Ratio Lower Upper

164 100

162 101.9 82.1 123.1

160 44.1 40.2 60.2

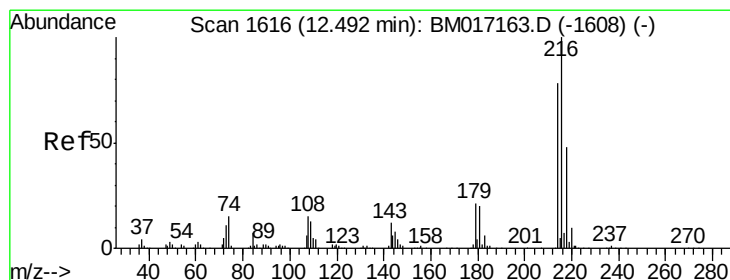
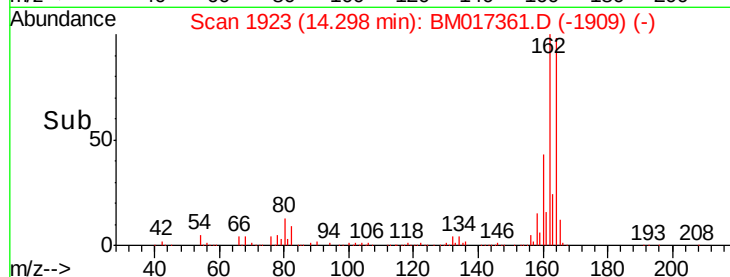
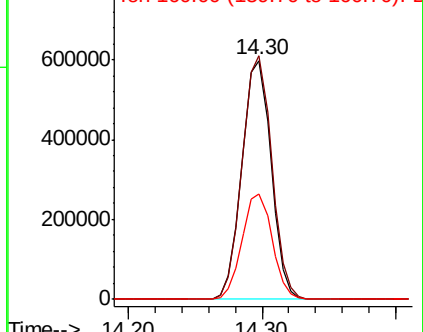


Abundance

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: 40.153 ng

RT: 12.47 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Tgt Ion:216 Resp: 1276296

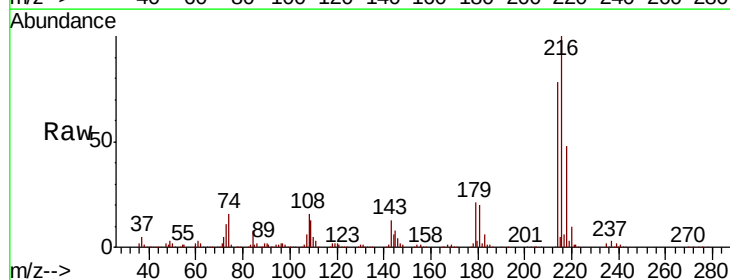
Ion Ratio Lower Upper

216 100

214 78.7 62.6 93.8

179 20.9 16.6 24.8

108 18.9 13.5 20.3



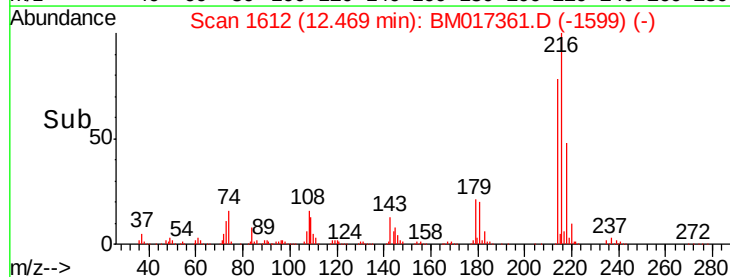
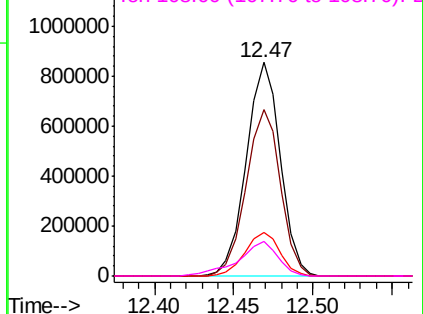
Abundance

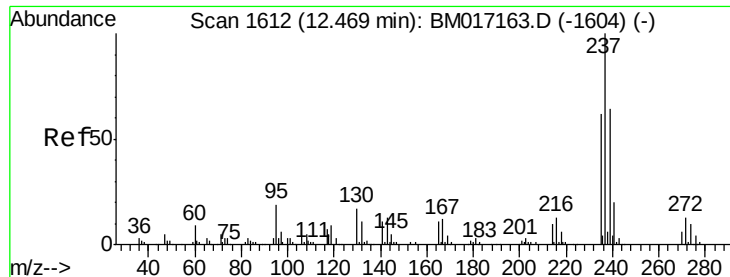
Ion 216.00 (215.70 to 216.70): E

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: 95.326 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

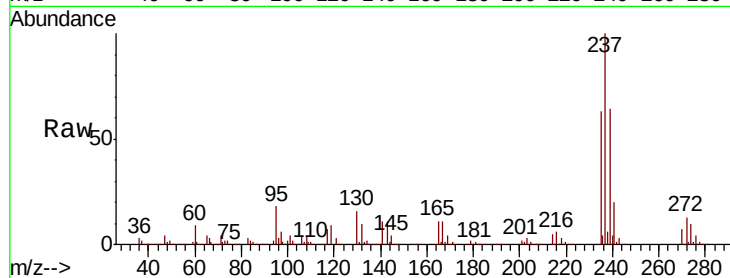
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 1464827

Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.4	82.4
272	13.0	0.0	33.0

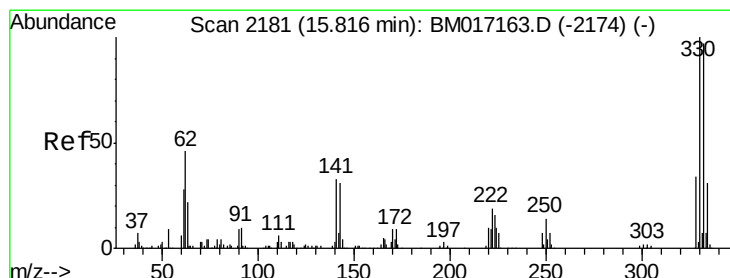
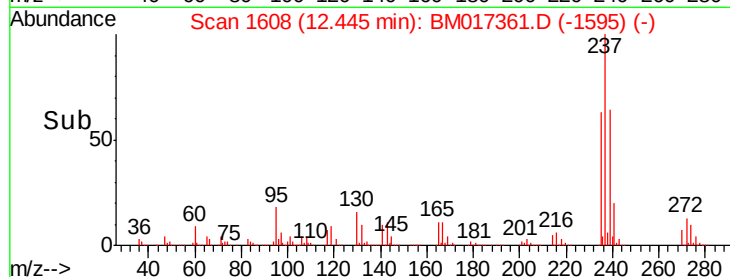
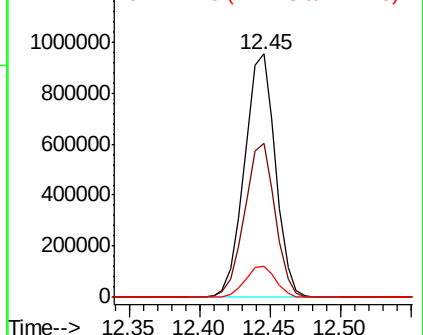


Abundance

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: 127.377 ng

RT: 15.80 min Scan# 2178

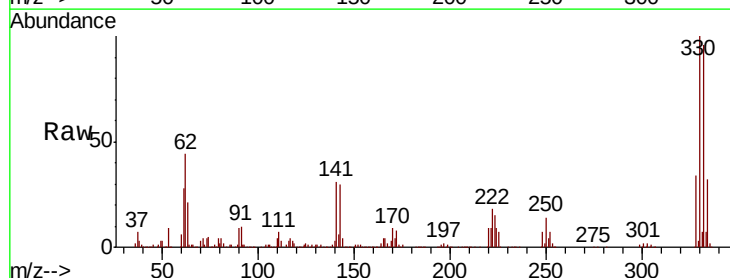
Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Tgt Ion:330 Resp: 1554779

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	32.0	27.4	41.0

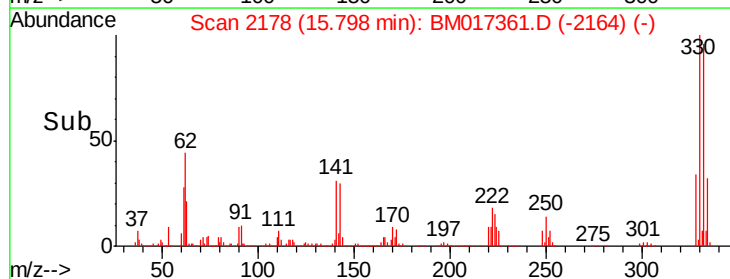
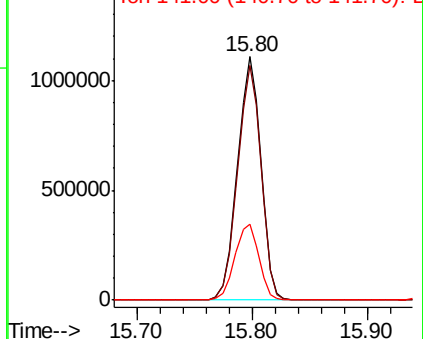


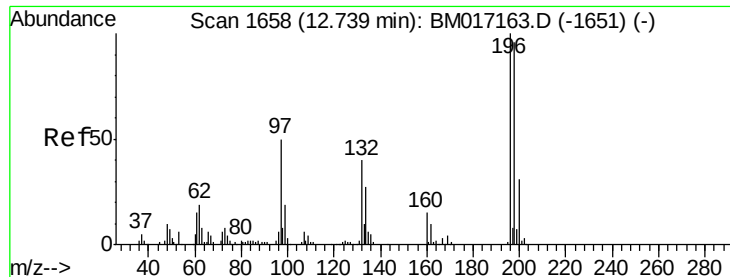
Abundance

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

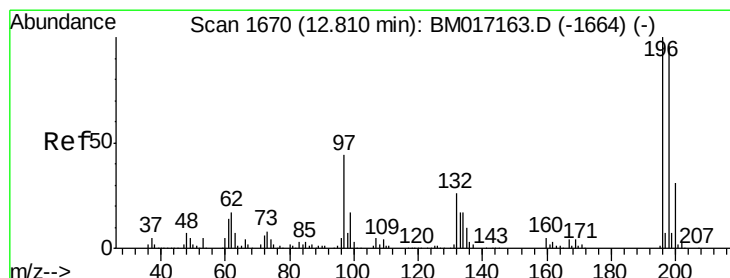
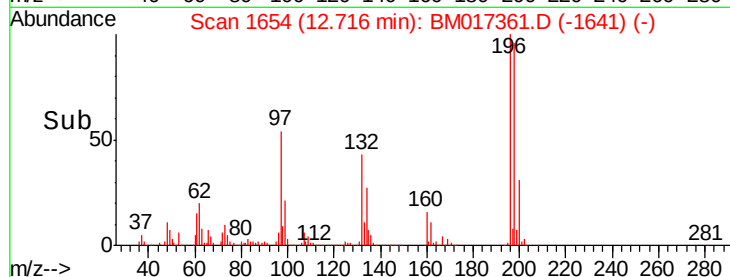
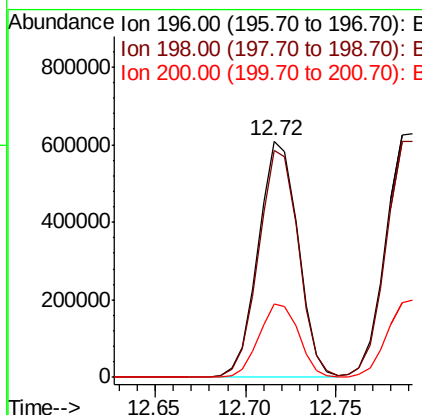
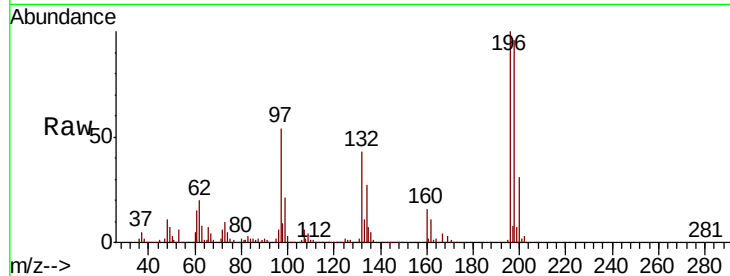




#43
 2,4,6-Trichlorophenol
 Concen: 50.527 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

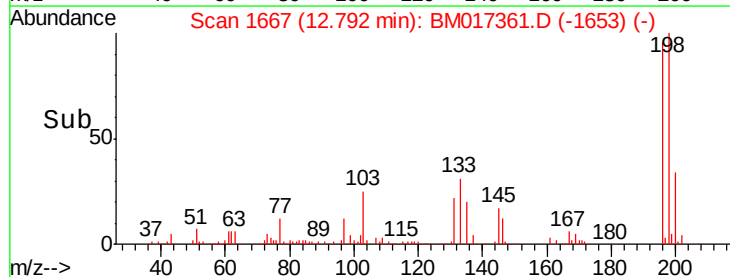
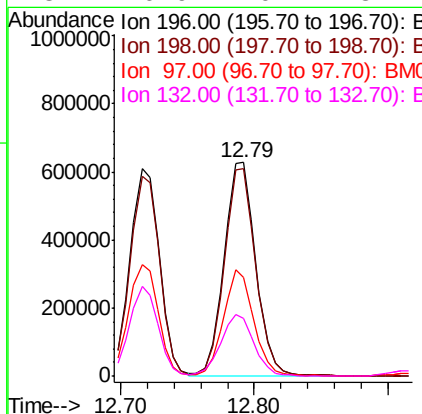
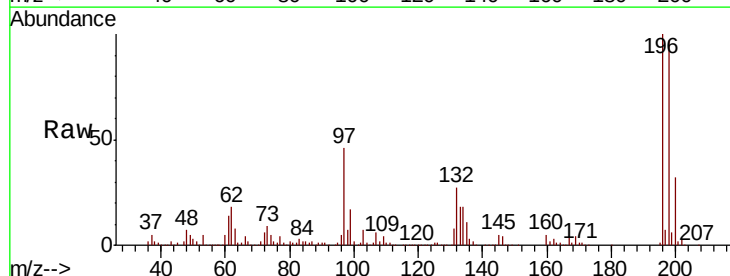
Instrument :
 BNA_M
 ClientSampled :

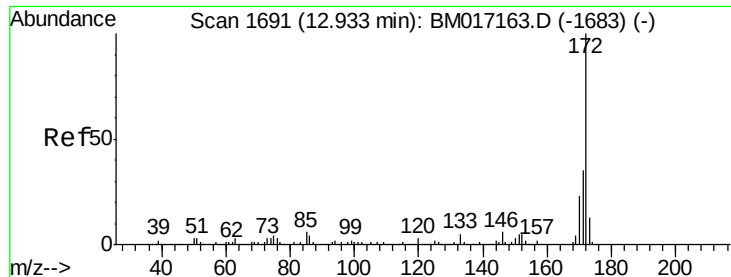
Tot Ion:196 Resp: 932316
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.1 115.7
 200 30.9 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 52.323 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion:196 Resp: 1035280
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.6 115.0
 97 46.1 35.5 53.3
 132 26.9 20.7 31.1

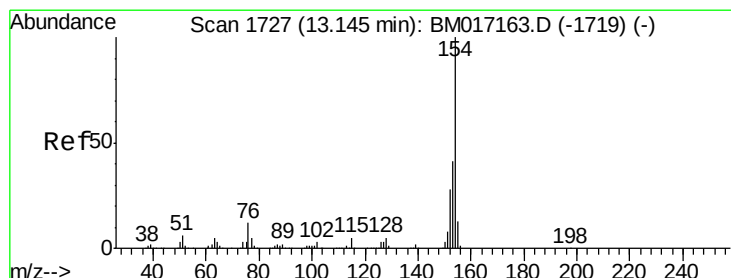
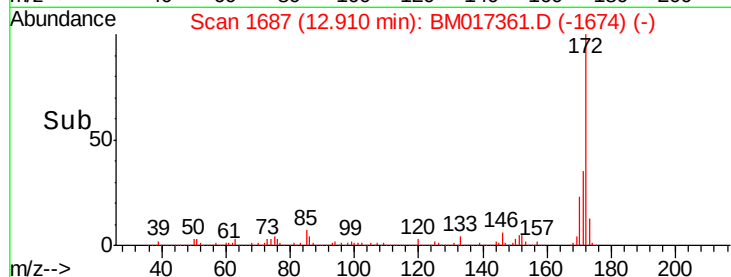
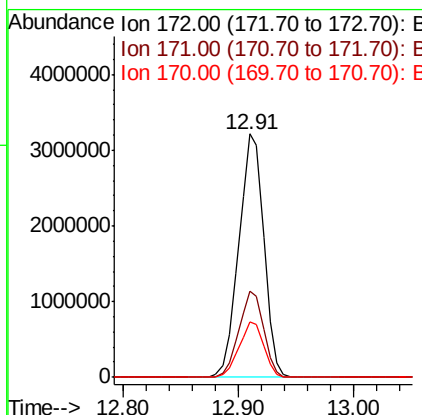
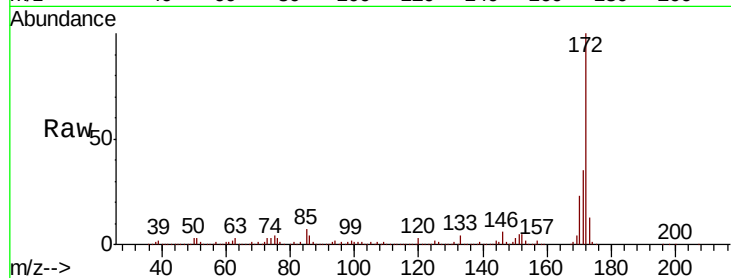




#45
2-Fluorobiphenyl
Concen: 70.986 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

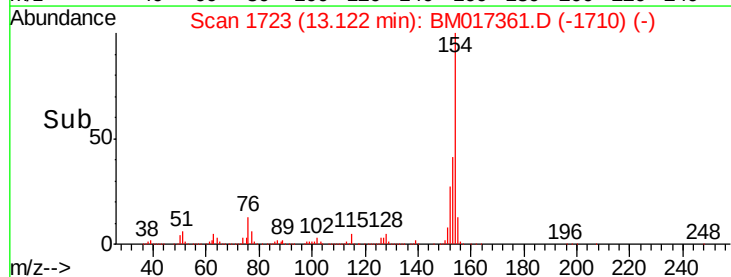
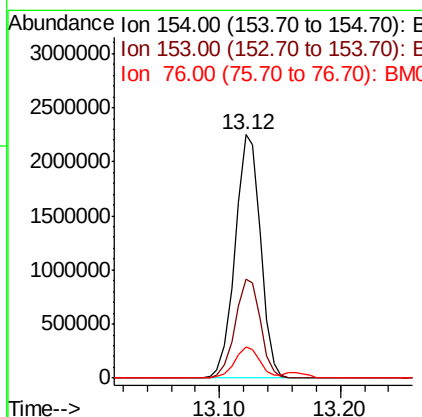
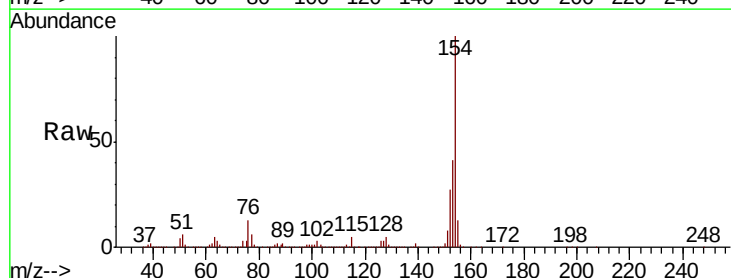
Instrument :
BNA_M
ClientSampleId :

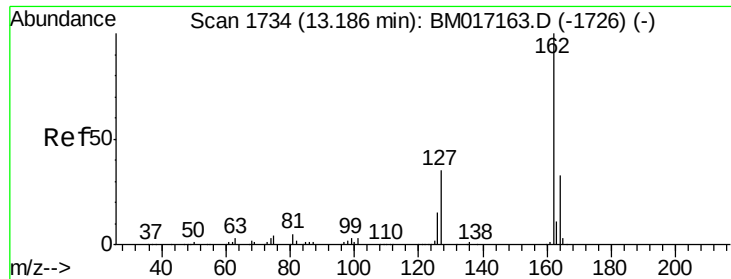
Tot Ion:172 Resp: 4815381
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.8 18.3 27.5



#46
1,1'-Biphenyl
Concen: 40.506 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:154 Resp: 3290036
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 12.7 0.0 31.8

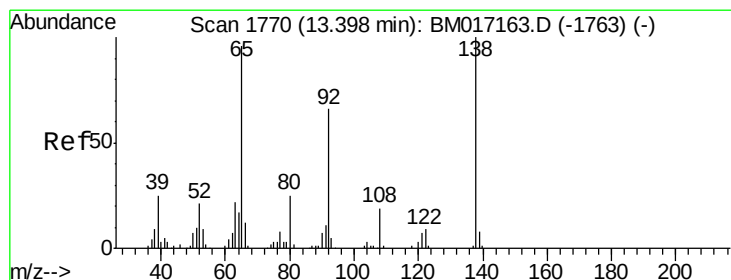
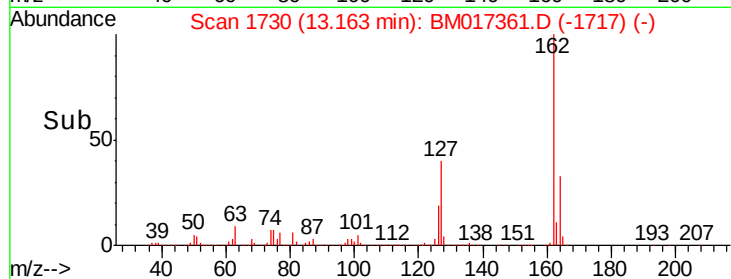
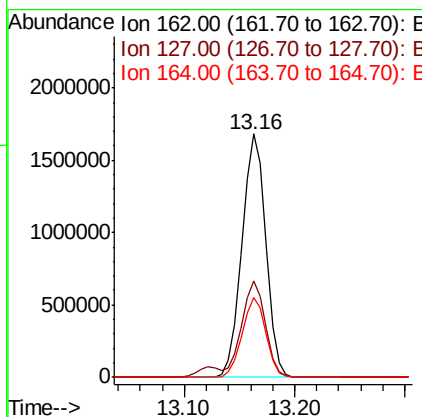
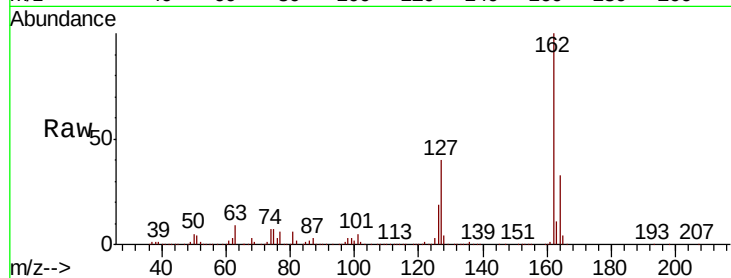




#47
2-Chloronaphthalene
Concen: 42.923 ng
RT: 13.16 min Scan# 1730
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

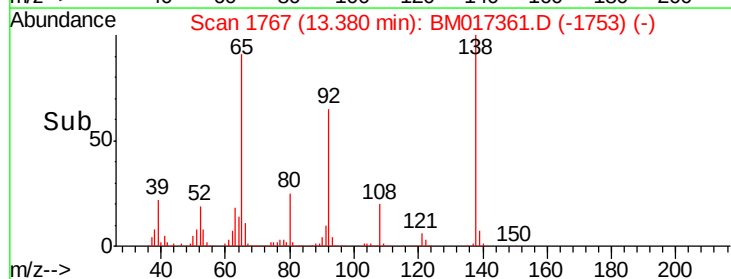
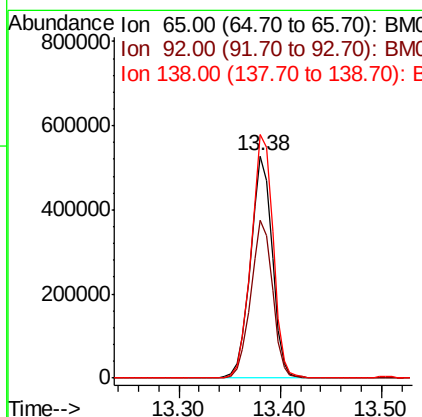
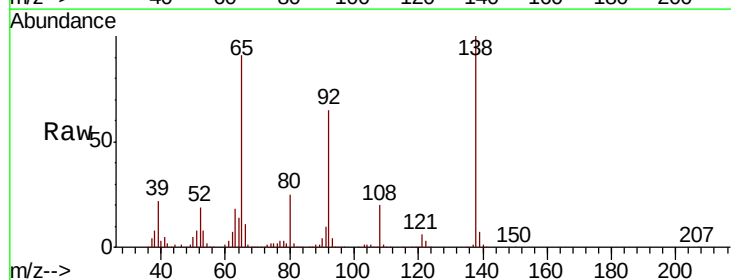
Instrument :
BNA_M
ClientSampleId :

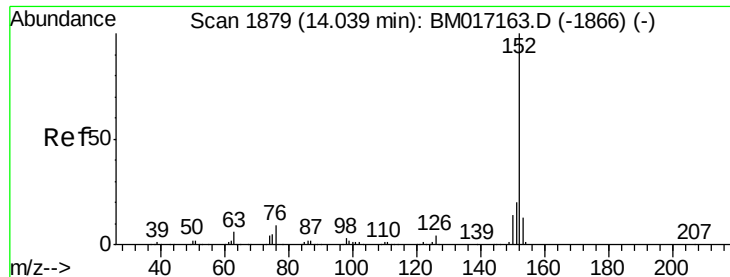
Tot Ion:162 Resp: 2564809
Ion Ratio Lower Upper
162 100
127 39.5 31.0 46.4
164 32.8 26.6 39.8



#48
2-Nitroaniline
Concen: 46.973 ng
RT: 13.38 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion: 65 Resp: 790645
Ion Ratio Lower Upper
65 100
92 70.8 54.9 82.3
138 109.4 83.7 125.5





#49

Acenaphthylene

Concen: 50.275 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

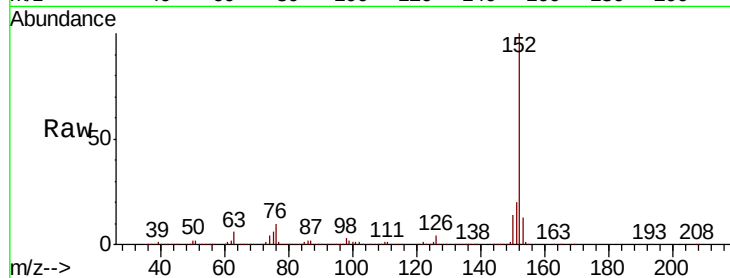
Tot Ion:152 Resp: 4354418

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

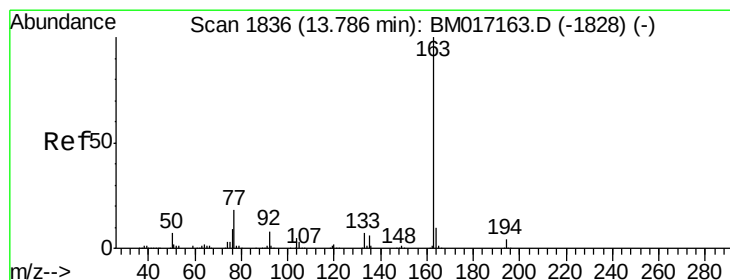
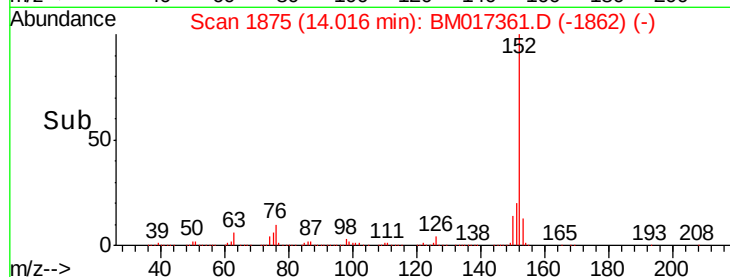
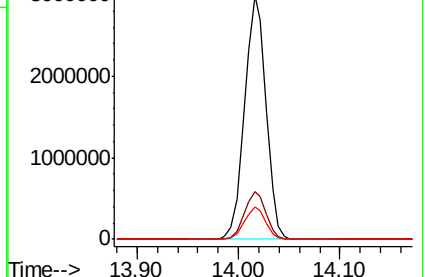
153 13.2 10.4 15.6



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: 49.797 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

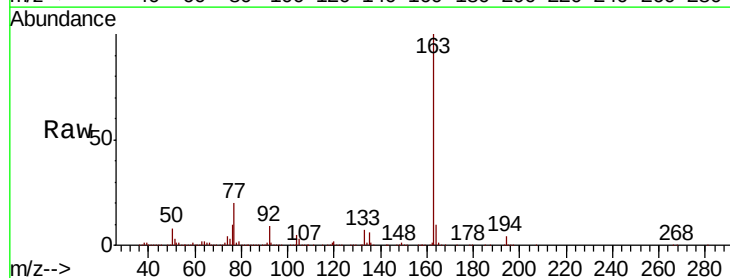
Tgt Ion:163 Resp: 3467623

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

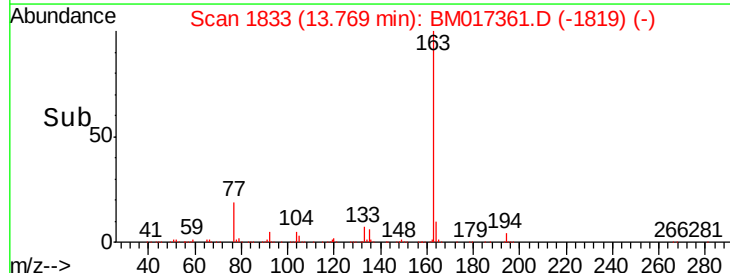
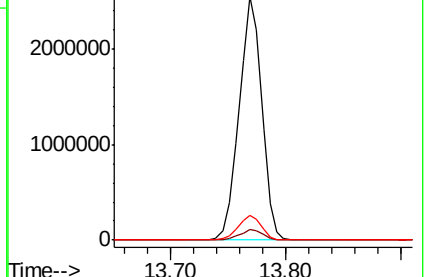
164 10.0 7.8 11.8

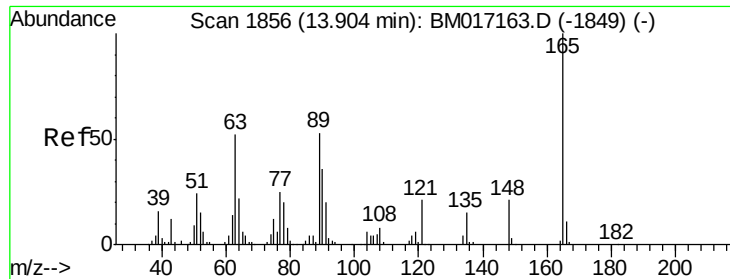


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

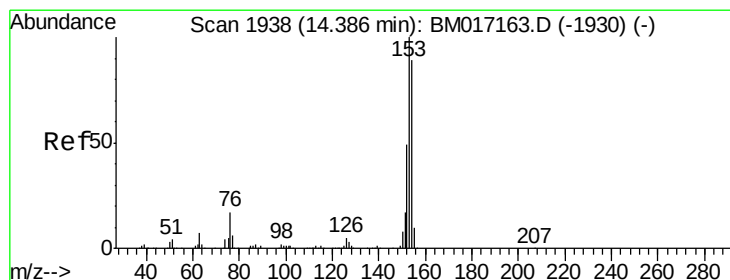
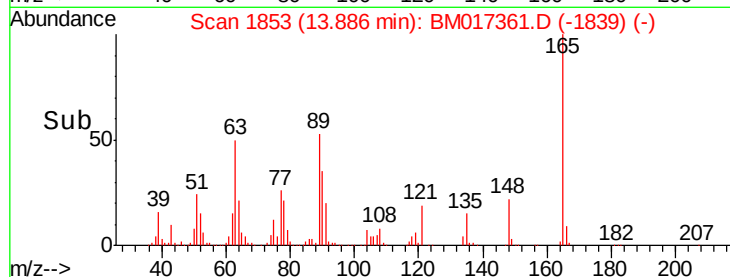
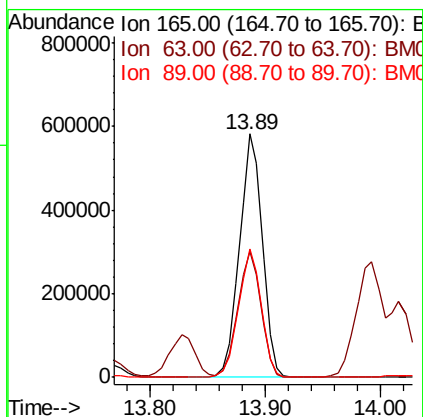
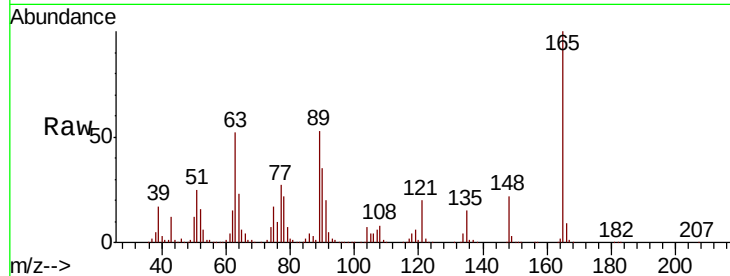




#51
 2,6-Dinitrotoluene
 Concen: 51.975 ng
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

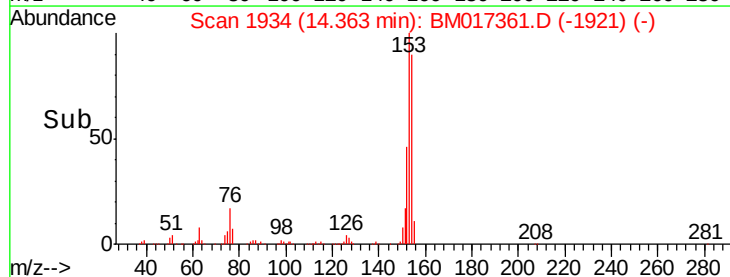
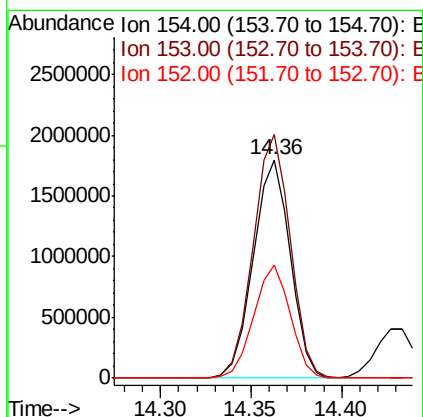
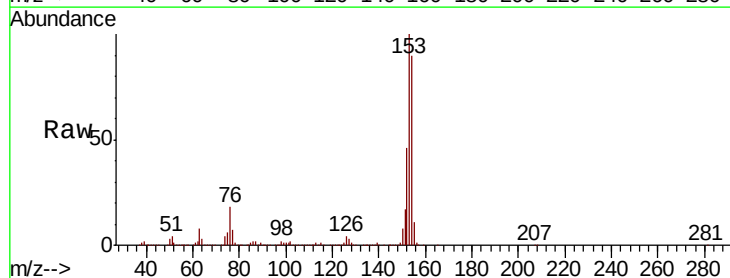
Instrument :
 BNA_M
 ClientSampled :

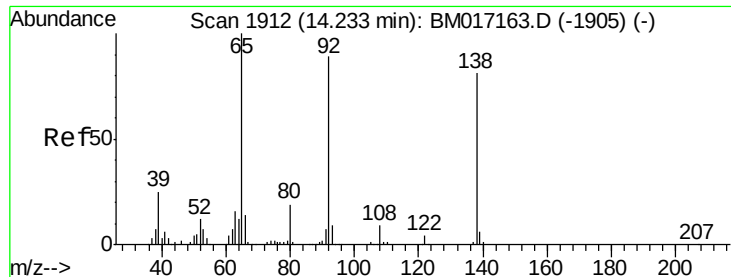
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.7	42.7	64.1
89	53.0	42.1	63.1



#52
 Acenaphthene
 Concen: 46.752 ng
 RT: 14.36 min Scan# 1934
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.2	135.2
152	51.6	44.2	66.4

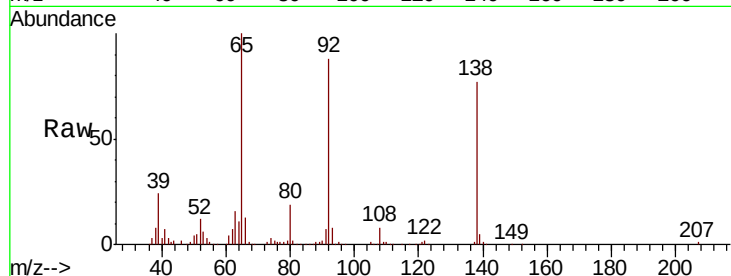




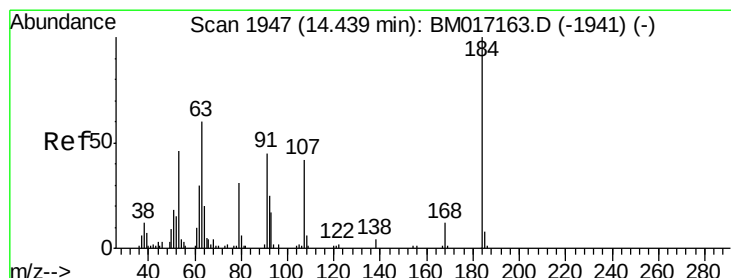
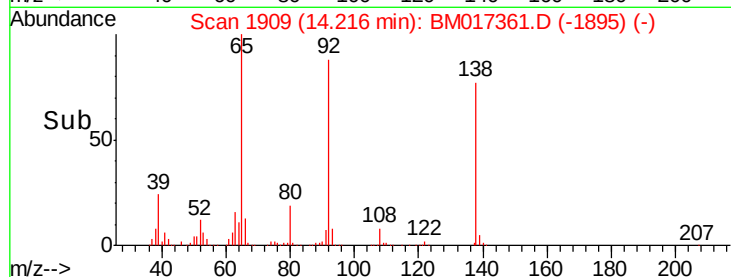
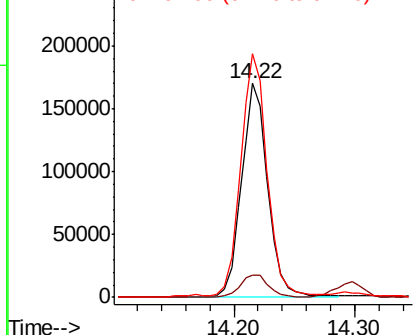
#53
3-Nitroaniline
Concen: 15.553 ng
RT: 14.22 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 258164
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 113.9 87.9 131.9

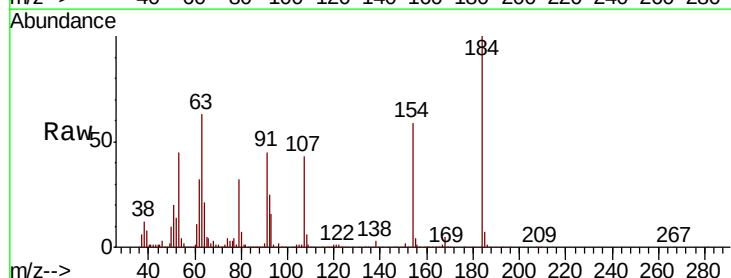


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

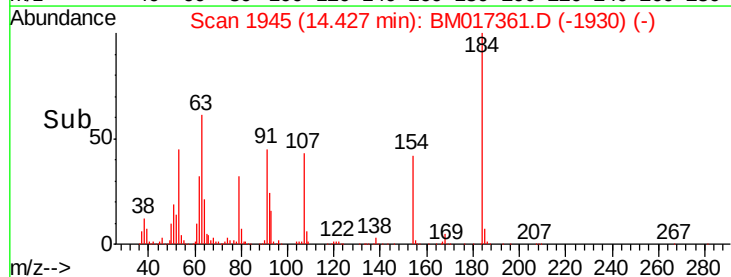
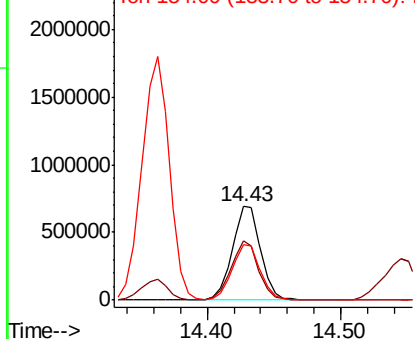


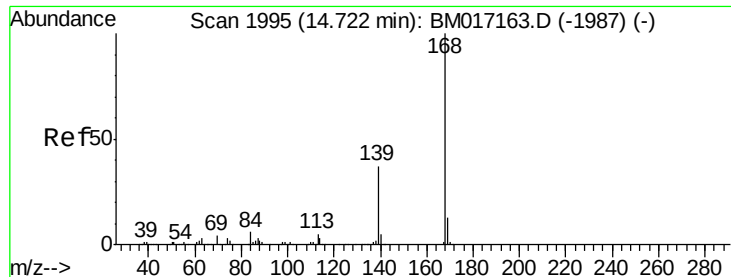
#54
2,4-Dinitrophenol
Concen: 110.053 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:184 Resp: 1020484
Ion Ratio Lower Upper
184 100
63 62.9 51.2 76.8
154 58.7 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

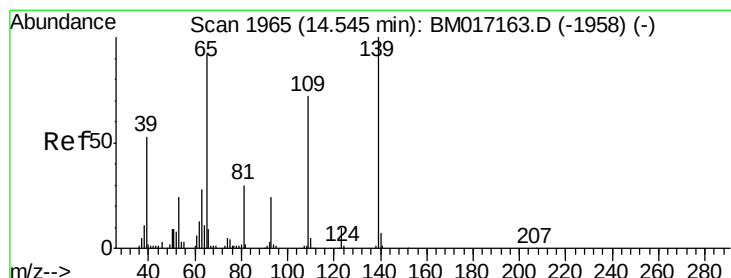
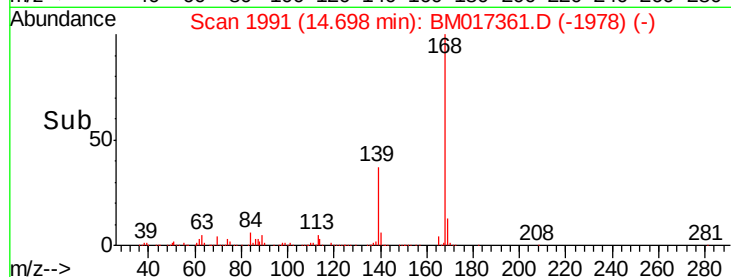
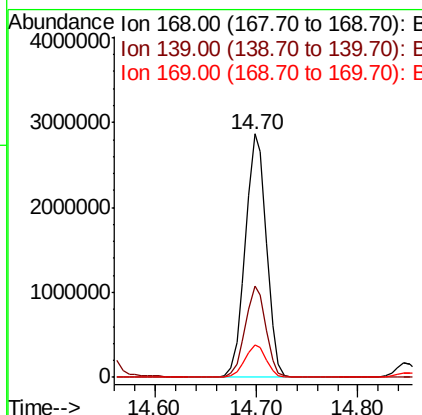
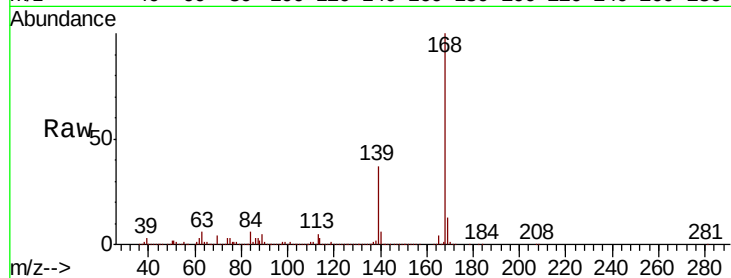




#55
Dibenzofuran
Concen: 45.653 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

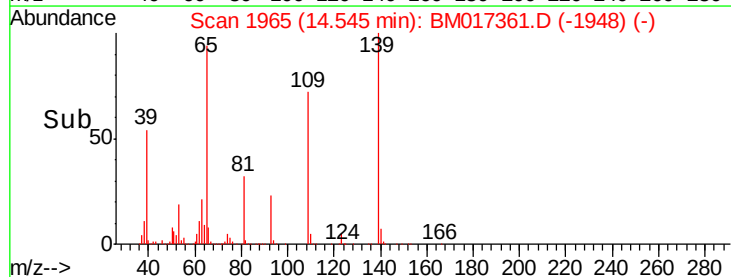
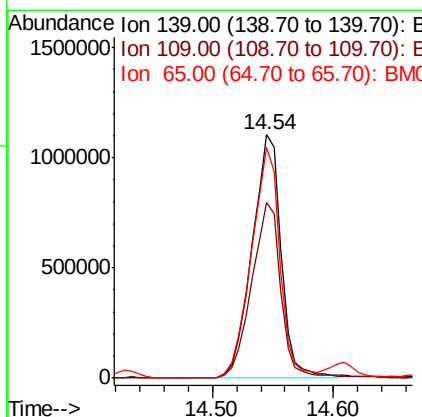
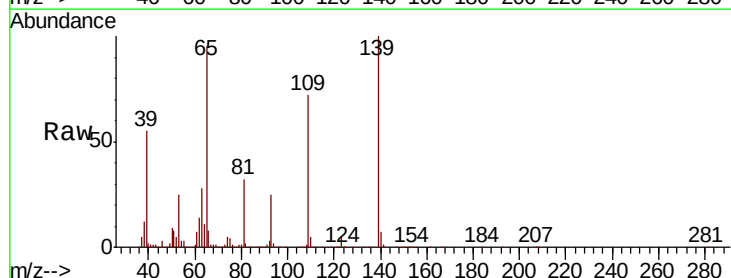
Instrument :
BNA_M
ClientSampleId :

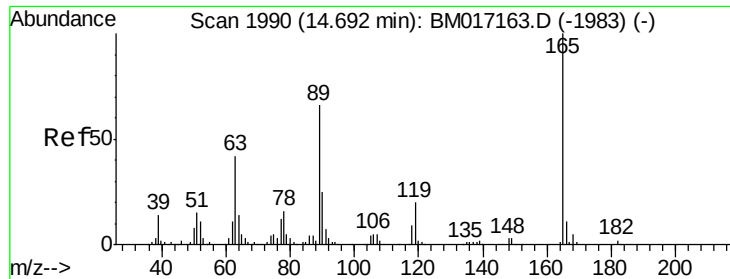
Tot Ion:168 Resp: 4128635
Ion Ratio Lower Upper
168 100
139 37.3 29.3 43.9
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 120.697 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:139 Resp: 1864523
Ion Ratio Lower Upper
139 100
109 72.1 51.8 91.8
65 94.8 72.1 112.1

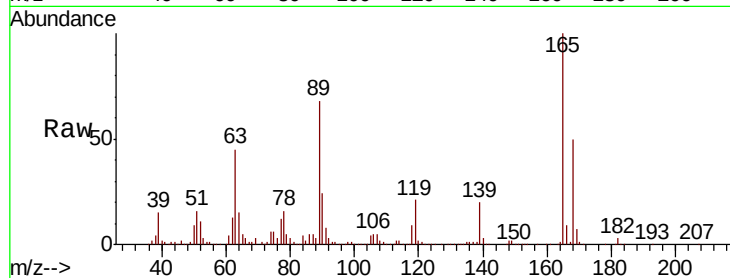




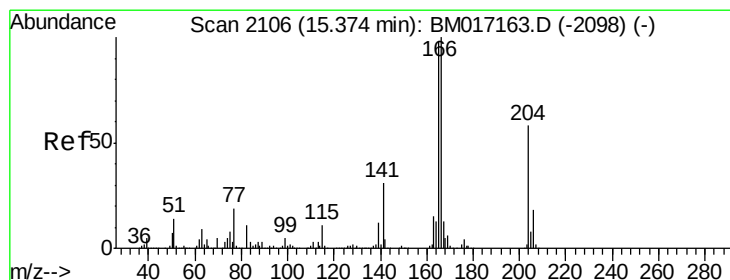
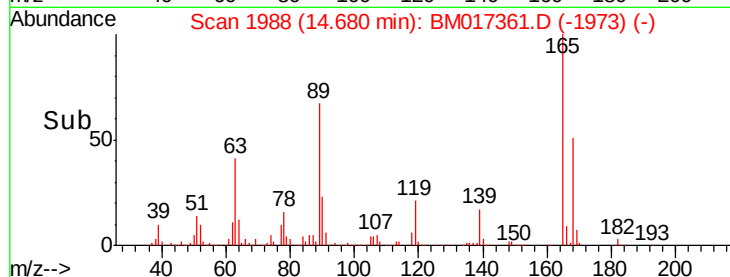
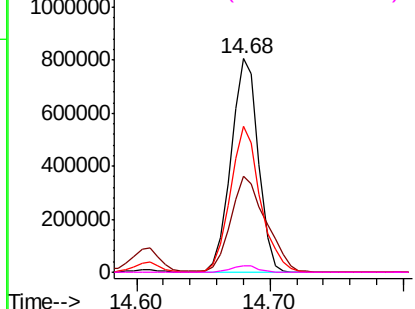
#57
 2,4-Dinitrotoluene
 Concen: 55.532 ng
 RT: 14.68 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 1143926
 Ion Ratio Lower Upper
 165 100
 63 45.0 33.8 50.8
 89 68.2 53.1 79.7
 182 2.9 2.0 3.0

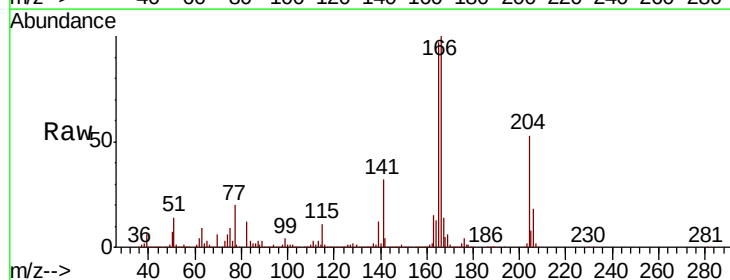


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

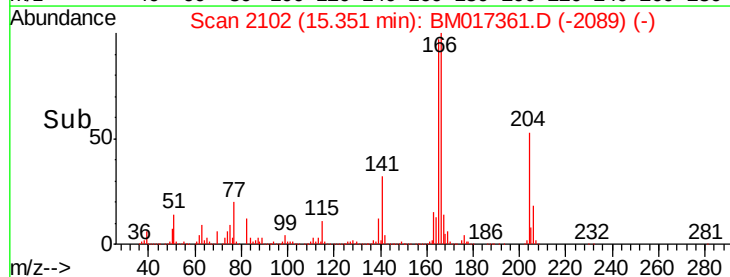
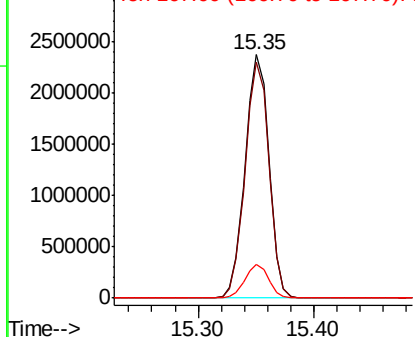


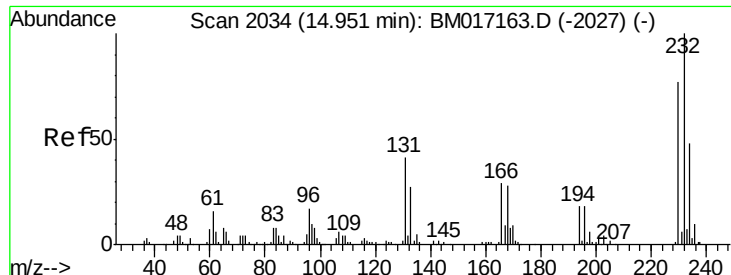
#58
 Fluorene
 Concen: 50.878 ng
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion:166 Resp: 3405682
 Ion Ratio Lower Upper
 166 100
 165 97.0 78.1 117.1
 167 13.6 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

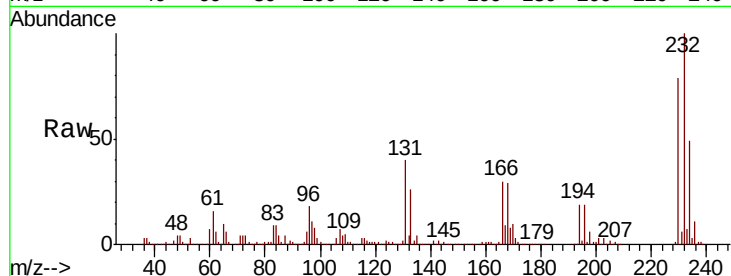




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.968 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.2	33.1	49.7
130	2.3	1.7	2.5
166	30.5	24.4	36.6



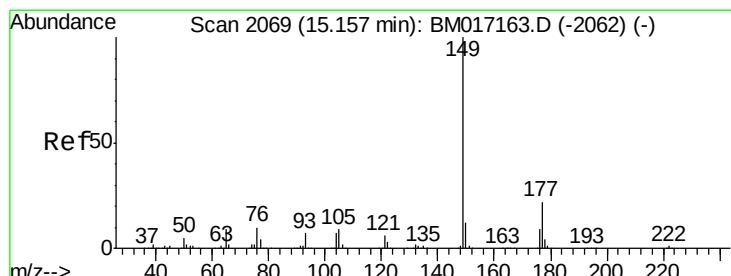
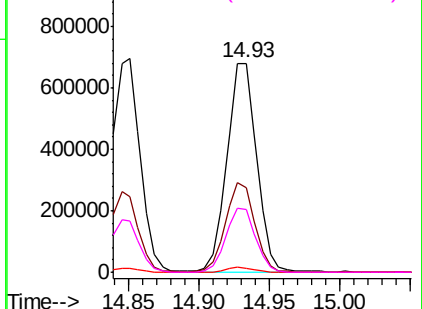
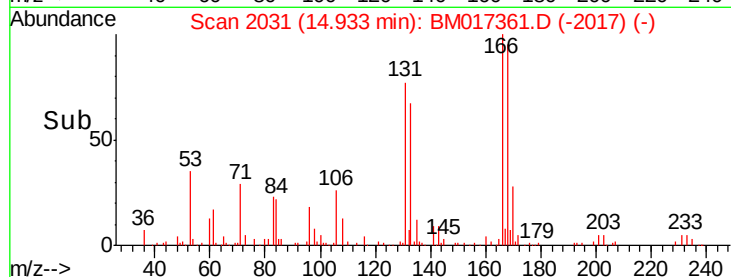
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

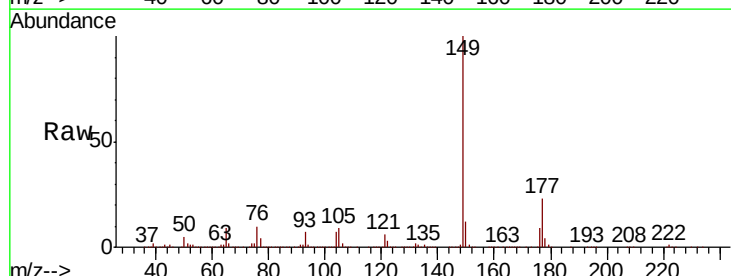
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 51.673 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: BM017361.D
 Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.4	10.0	15.0

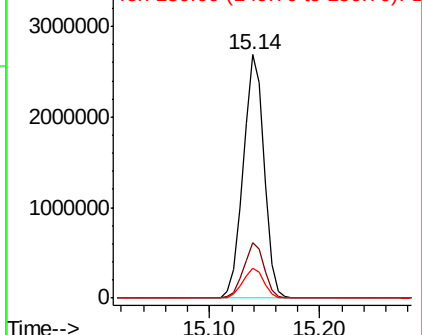
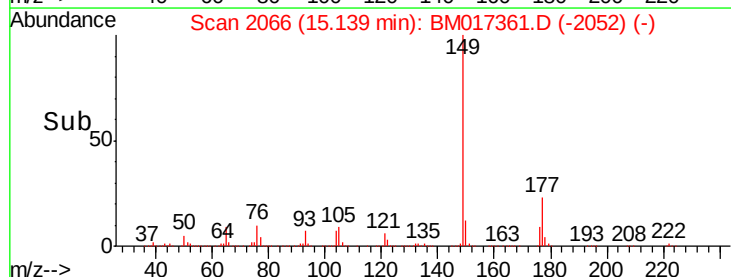


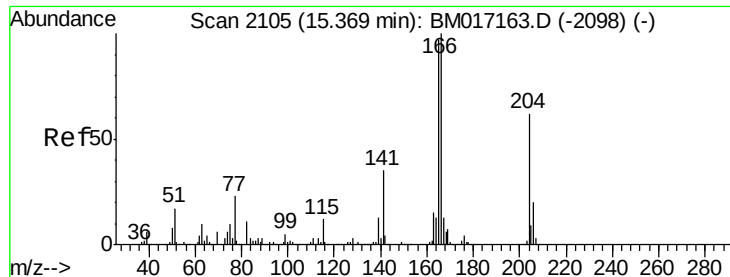
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

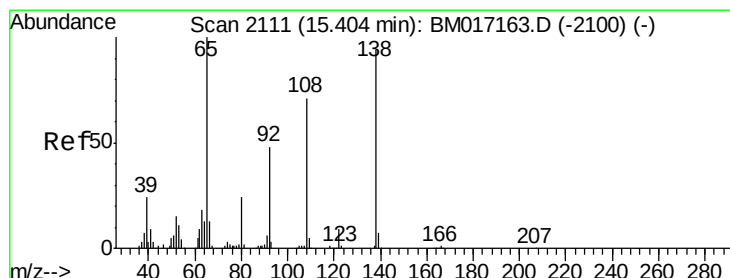
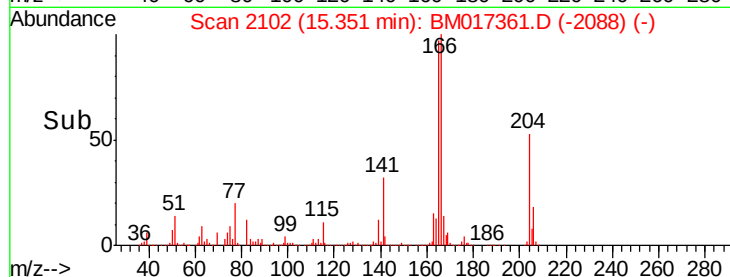
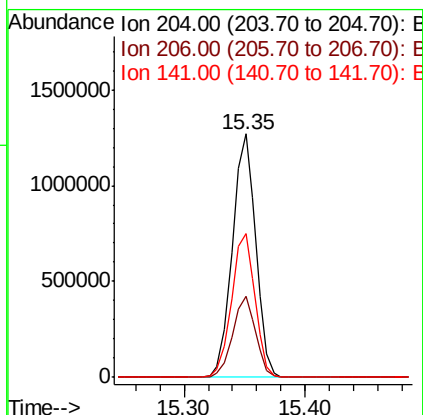
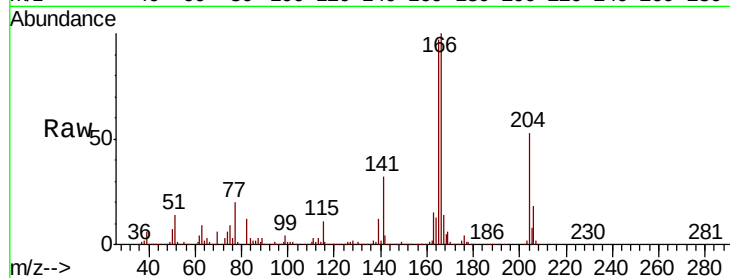




#61
4-Chlorophenyl-phenylether
Concen: 44.723 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

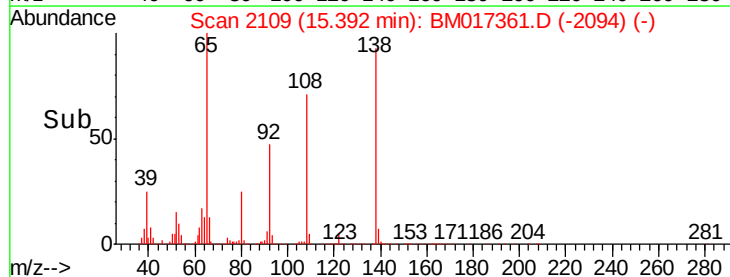
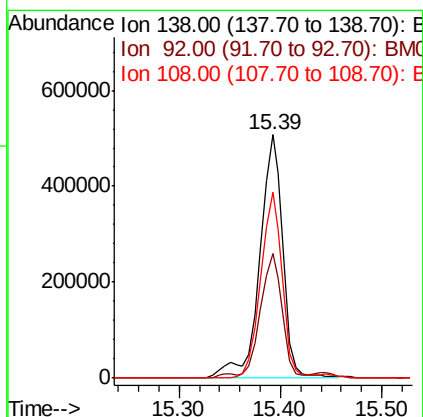
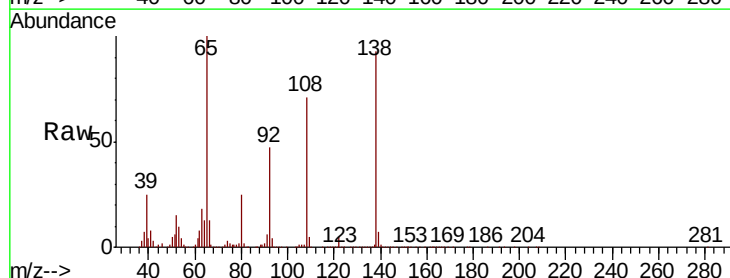
Instrument :
BNA_M
ClientSampleId :

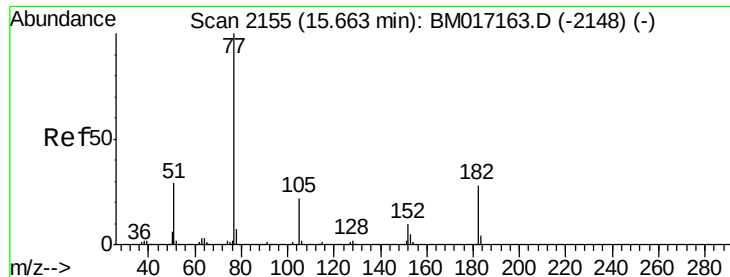
Tot Ion:204 Resp: 1706680
Ion Ratio Lower Upper
204 100
206 33.4 26.1 39.1
141 59.2 45.4 68.2



#62
4-Nitroaniline
Concen: 44.003 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:138 Resp: 806997
Ion Ratio Lower Upper
138 100
92 50.9 31.2 71.2
108 76.5 55.5 95.5





#63

Azobenzene

Concen: 49.176 ng

RT: 15.64 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 3300825

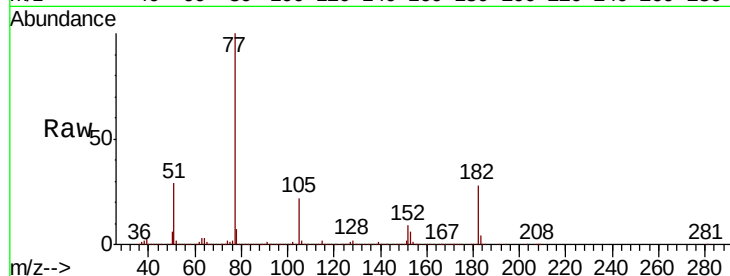
Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.3	48.3
105	21.9	1.5	41.5
51	28.8	8.8	48.8

77 100

182 28.3 8.3 48.3

105 21.9 1.5 41.5

51 28.8 8.8 48.8



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

3000000

2000000

1000000

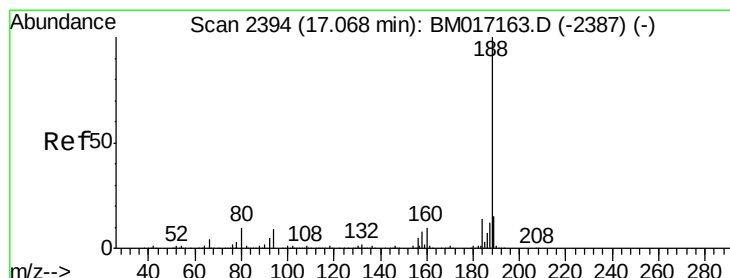
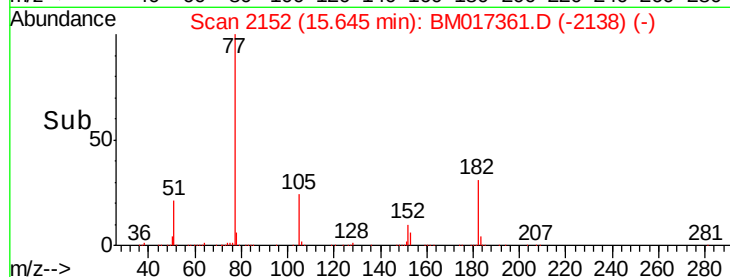
0

15.64

15.60

15.70

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

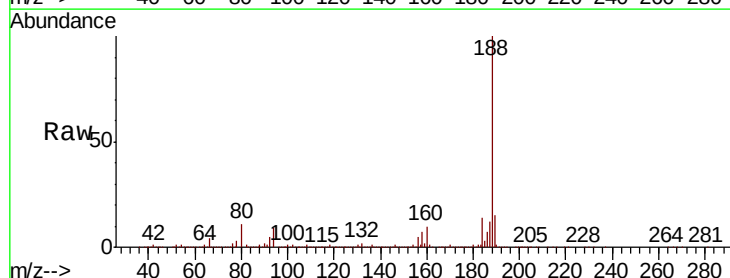
Tgt Ion: 188 Resp: 2152900

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	10.6	7.7	11.5

188 100

94 9.2 7.0 10.4

80 10.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

2000000

1500000

1000000

500000

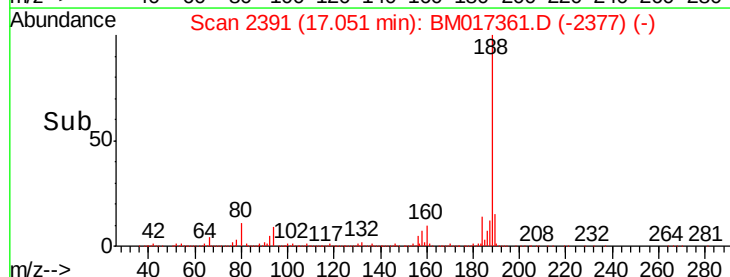
0

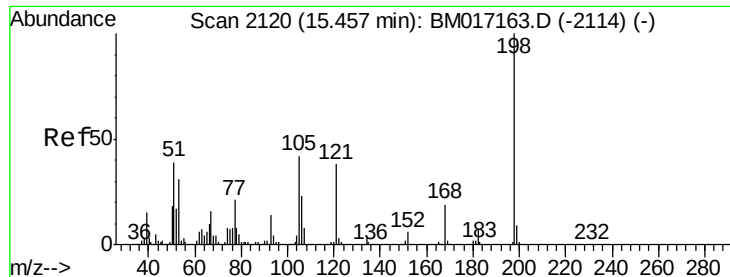
17.05

17.00

17.10

Time-->

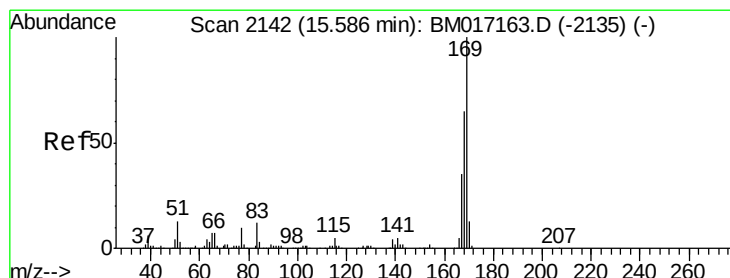
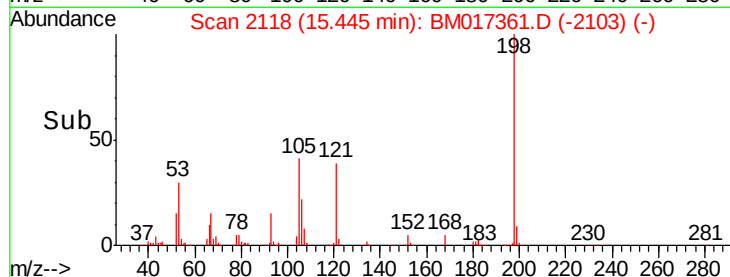
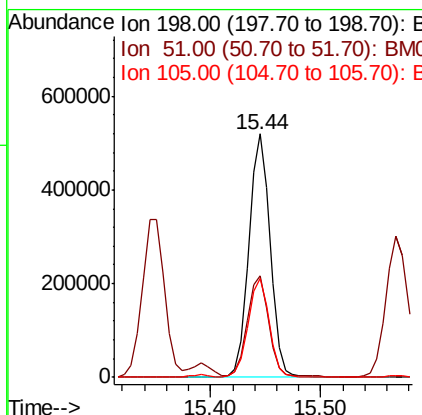
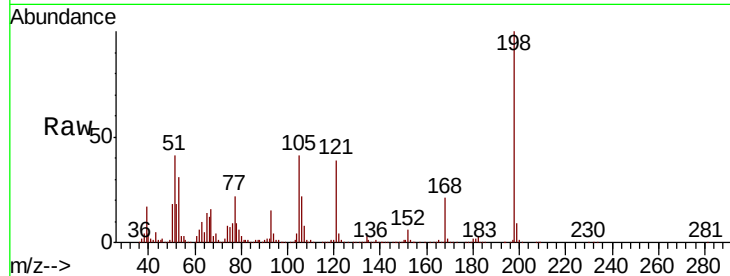




#65
4,6-Dinitro-2-methylphenol
Concen: 50.434 ng
RT: 15.44 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

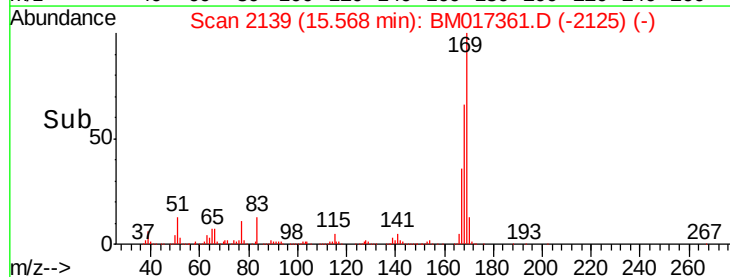
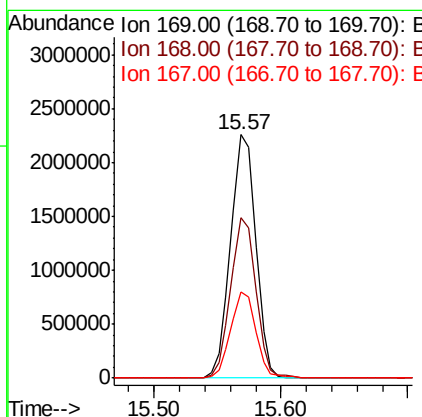
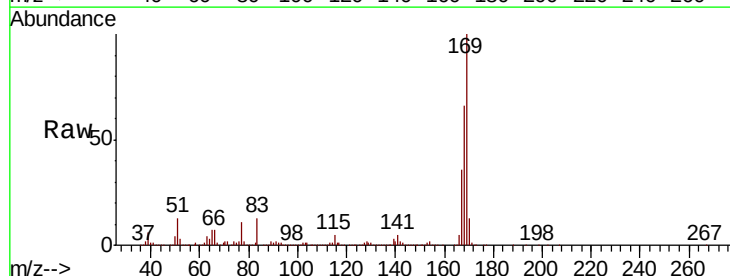
Instrument :
BNA_M
ClientSampleId :

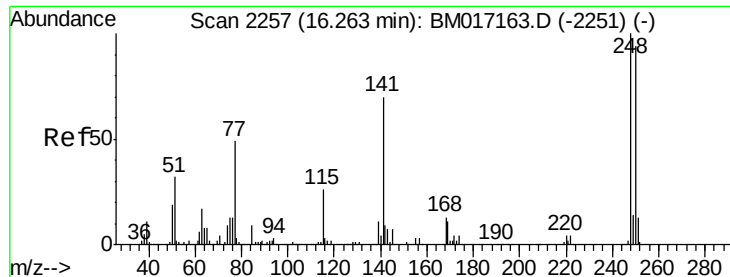
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.5	20.3	60.3
105	40.9	21.9	61.9



#66
n-Nitrosodiphenylamine
Concen: 47.615 ng
RT: 15.57 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.2	78.4
167	35.5	28.4	42.6

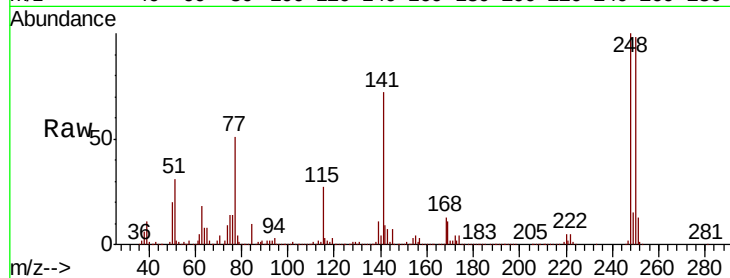




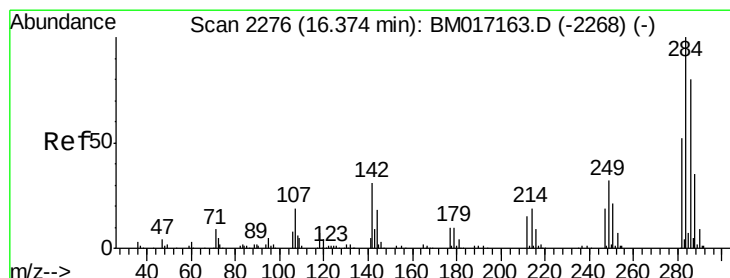
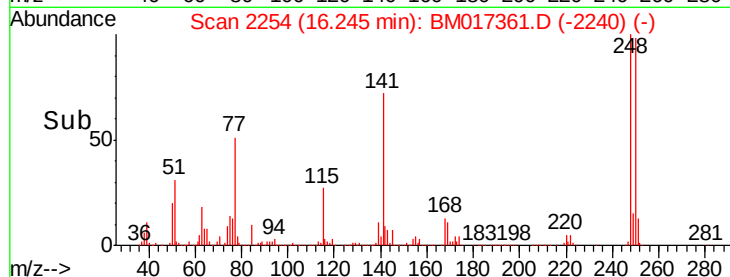
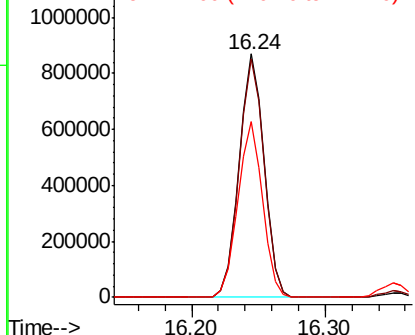
#67
4-Bromophenyl-phenylether
Concen: 47.551 ng
RT: 16.24 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 1124064
Ion Ratio Lower Upper
248 100
250 97.9 75.1 112.7
141 72.3 55.6 83.4

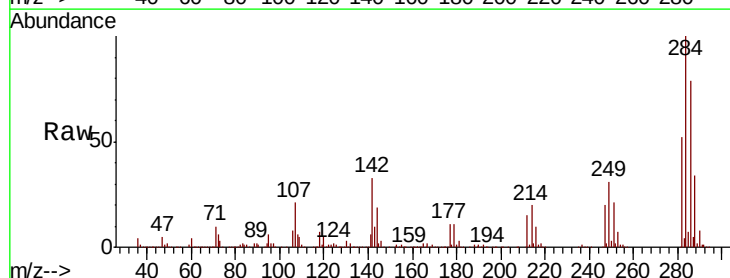


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

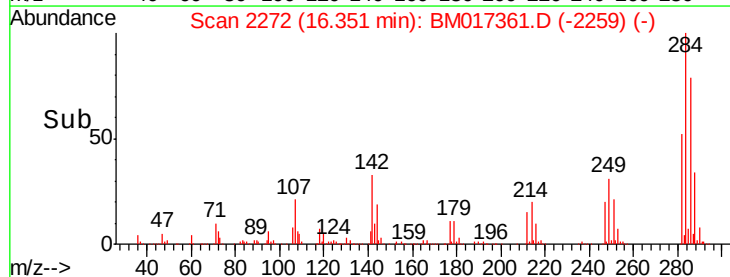
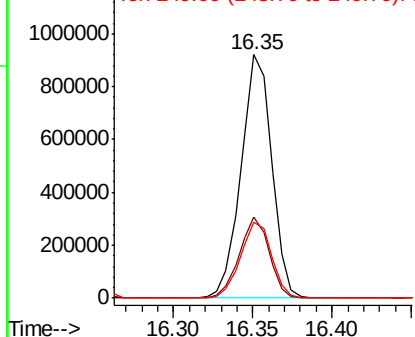


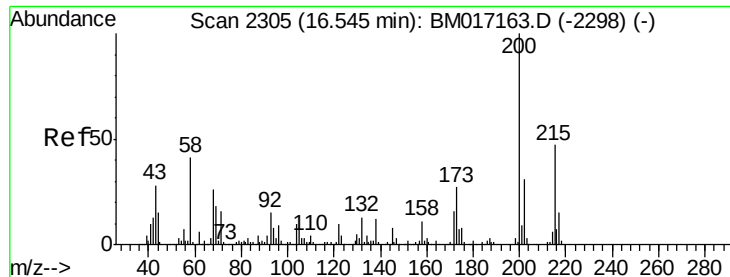
#68
Hexachlorobenzene
Concen: 44.960 ng
RT: 16.35 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:284 Resp: 1234556
Ion Ratio Lower Upper
284 100
142 33.4 25.0 37.6
249 31.3 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: 50.883 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampled :

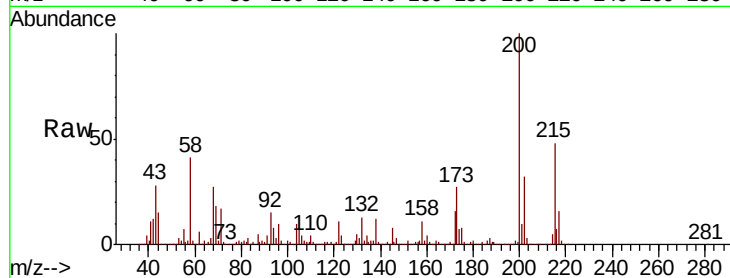
Tot Ion:200 Resp: 1186206

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

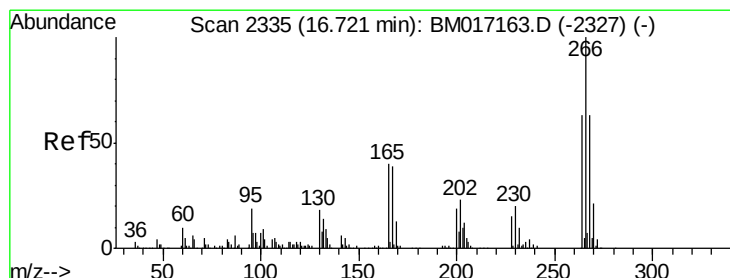
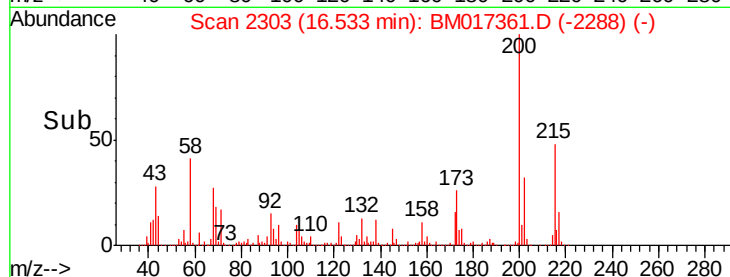
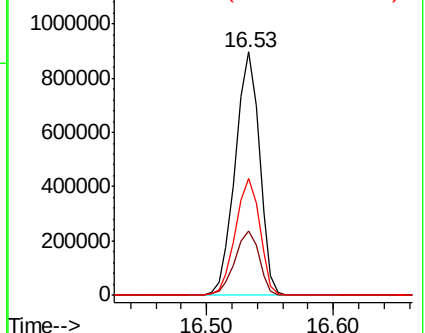
215 48.1 27.3 67.3



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: 85.644 ng

RT: 16.70 min Scan# 2332

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

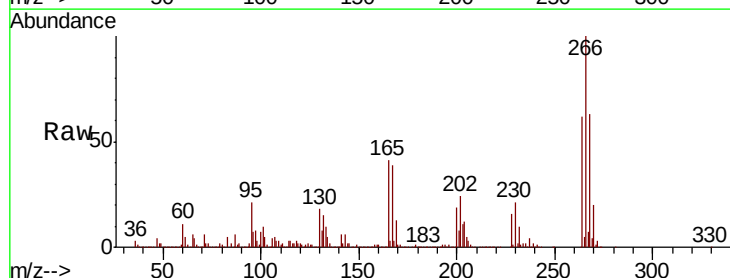
Tgt Ion:266 Resp: 1610993

Ion Ratio Lower Upper

266 100

268 63.2 50.7 76.1

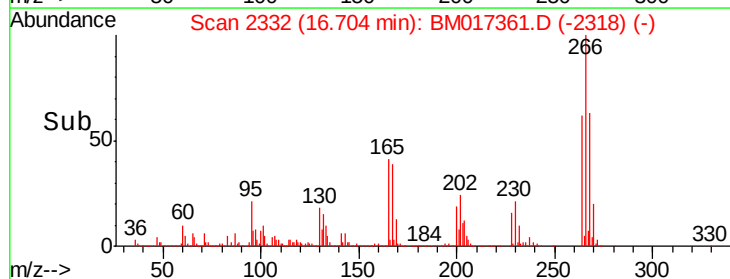
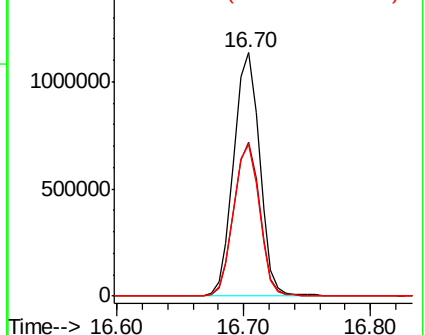
264 62.1 50.4 75.6

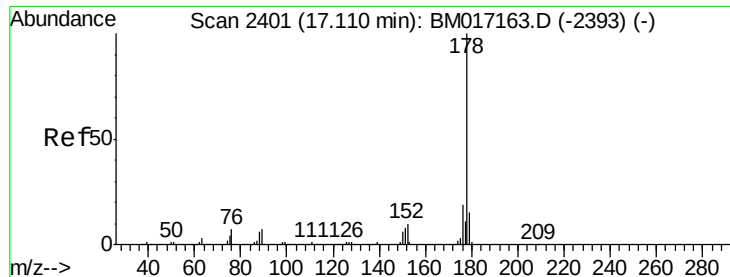


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

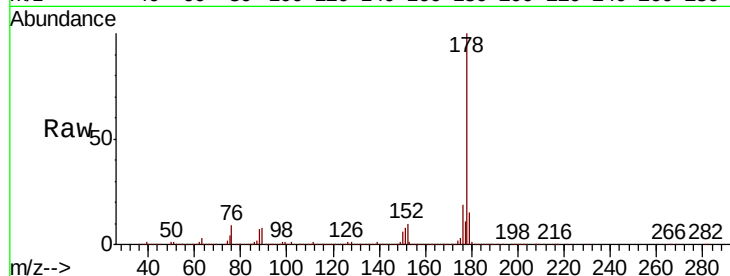




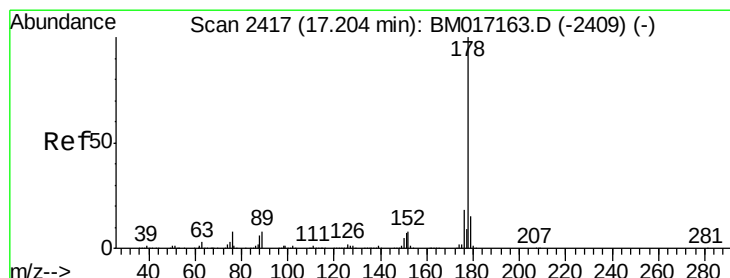
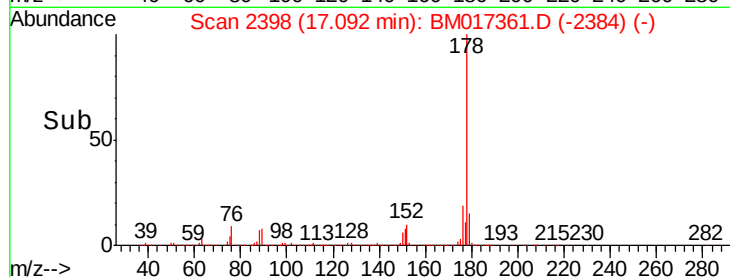
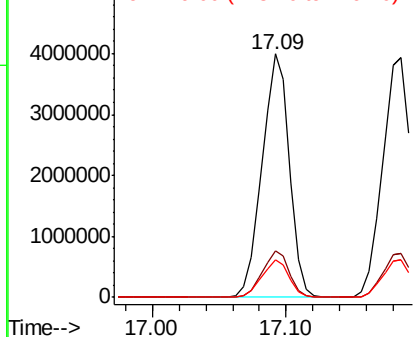
#71
Phenanthrene
Concen: 48.401 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:178 Resp: 5622060
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.2 12.3 18.5

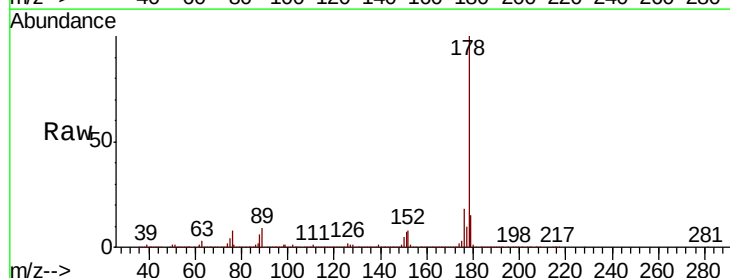


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

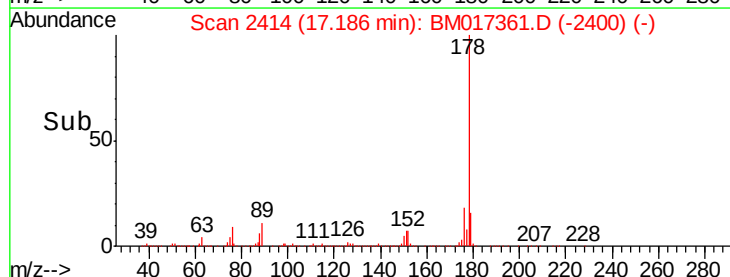
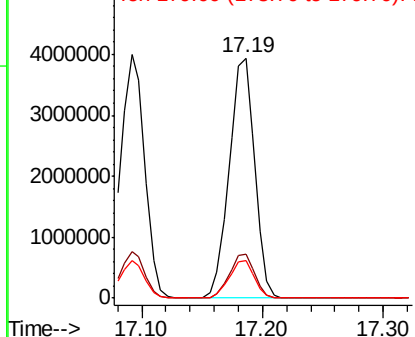


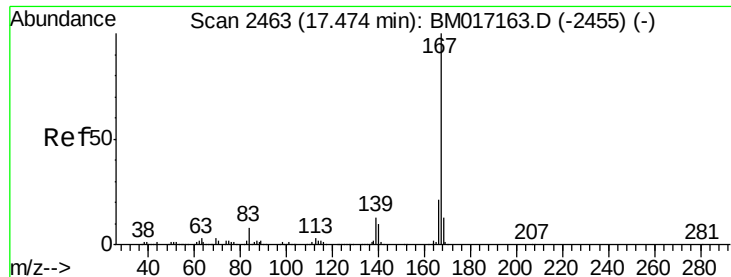
#72
Anthracene
Concen: 52.184 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:178 Resp: 5759531
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.4 12.2 18.2



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





#73

Carbazole

Concen: 47.911 ng

RT: 17.46 min Scan# 2460

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

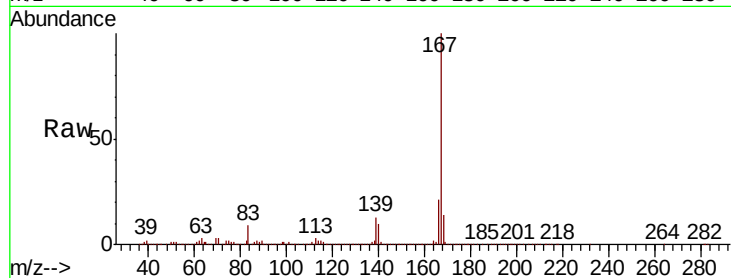
Instrument :

BNA_M

ClientSampled :

Tot Ion:167 Resp: 5401581

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.8	10.1	15.1

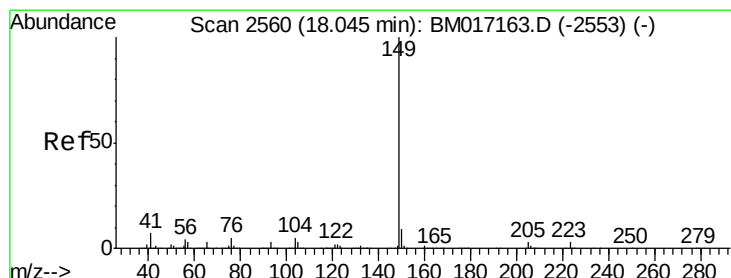
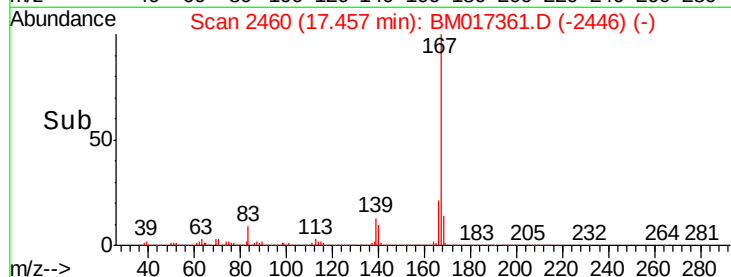
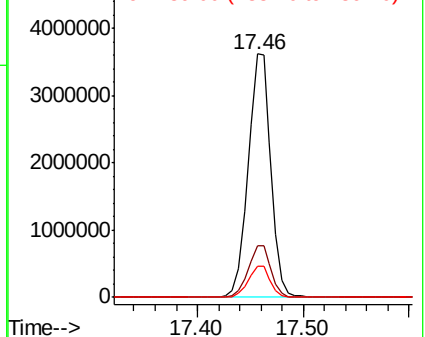


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 52.998 ng

RT: 18.03 min Scan# 2557

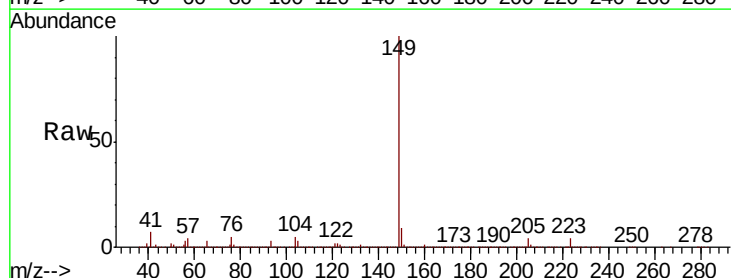
Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Tgt Ion:149 Resp: 6302053

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.9	4.3	6.5

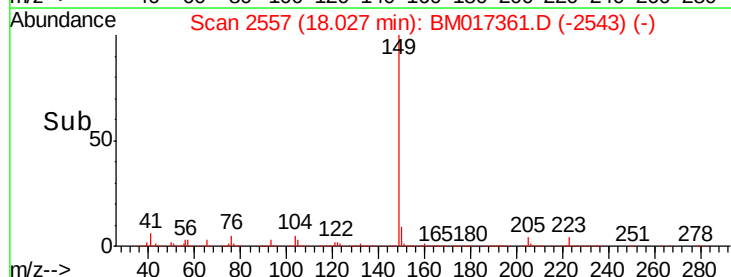
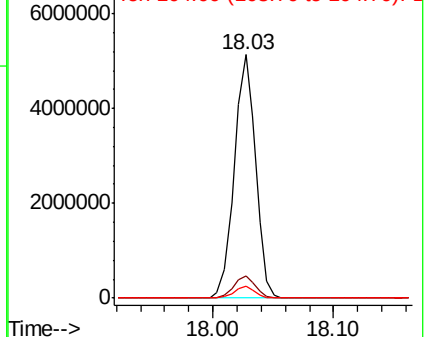


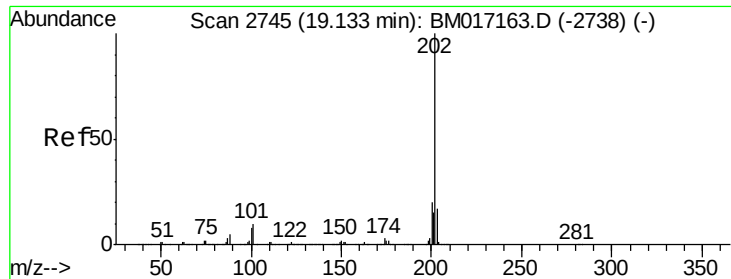
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.827 ng

RT: 19.12 min Scan# 2742

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

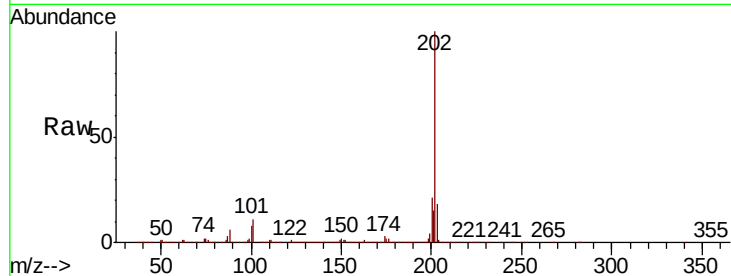
Tot Ion:202 Resp: 6774105

Ion Ratio Lower Upper

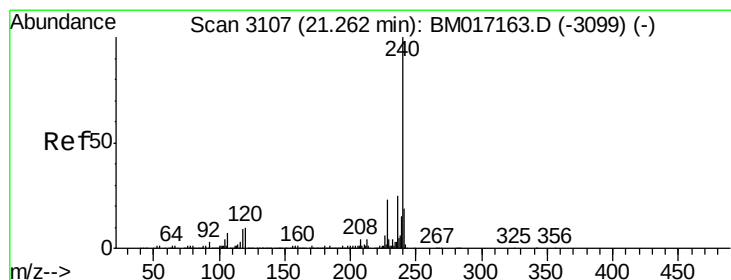
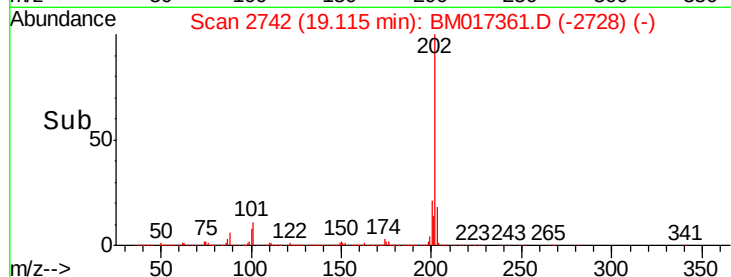
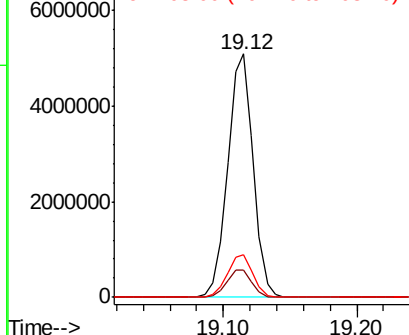
202 100

101 11.1 0.0 30.0

203 17.8 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: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

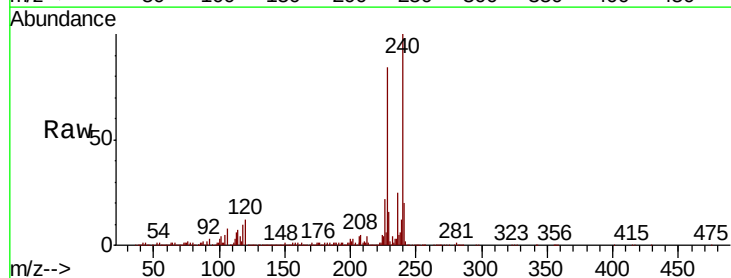
Tgt Ion:240 Resp: 2504938

Ion Ratio Lower Upper

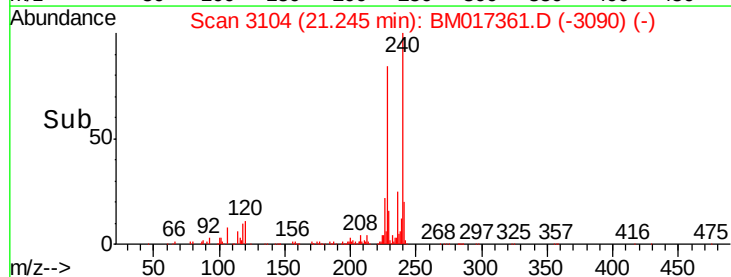
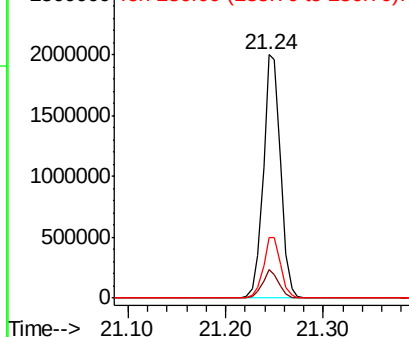
240 100

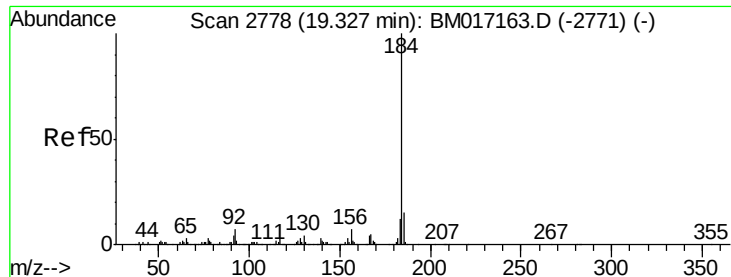
120 11.6 8.1 12.1

236 25.1 19.9 29.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.490 ng

RT: 19.31 min Scan# 2775

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

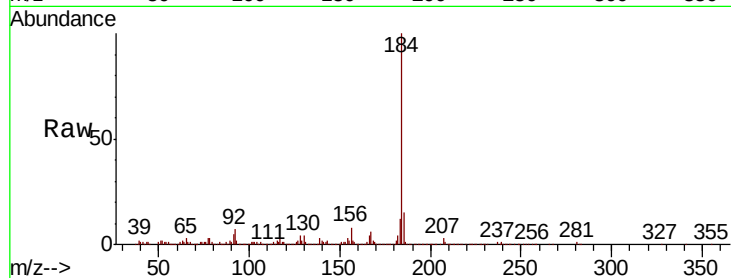
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 666267

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.8
183	11.7	9.7	14.5

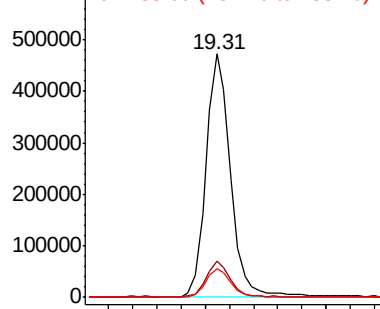


Abundance

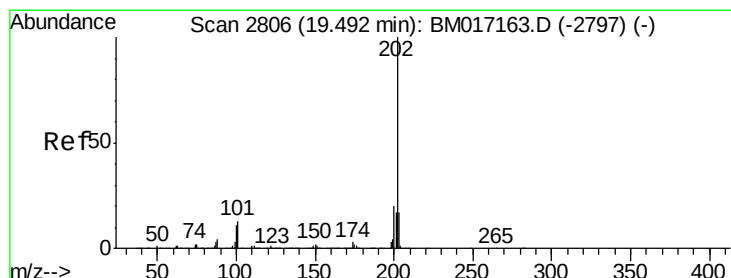
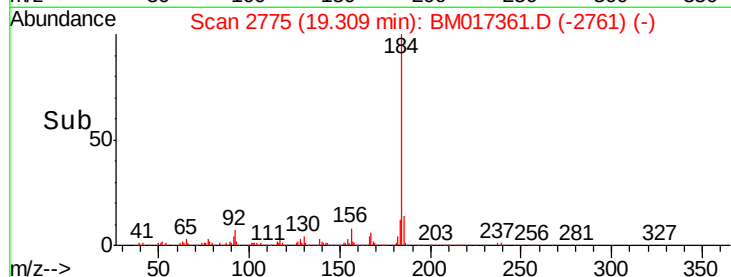
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 49.472 ng

RT: 19.48 min Scan# 2804

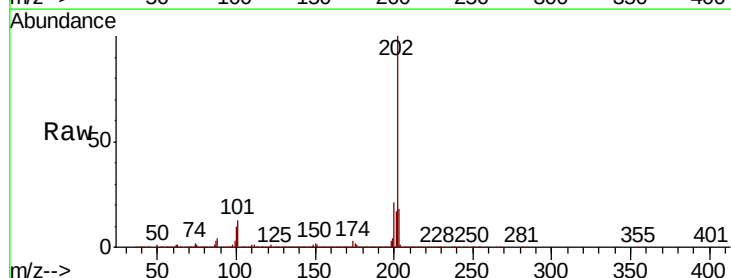
Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Tgt Ion:202 Resp: 6926160

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	17.6	13.9	20.9

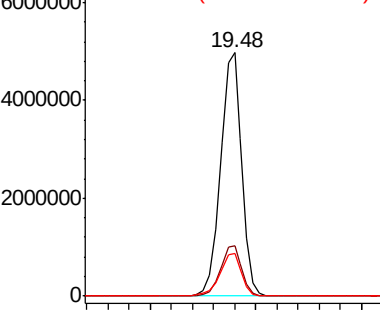


Abundance

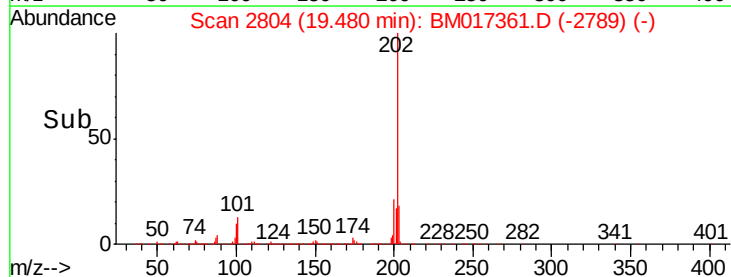
Ion 202.00 (201.70 to 202.70): E

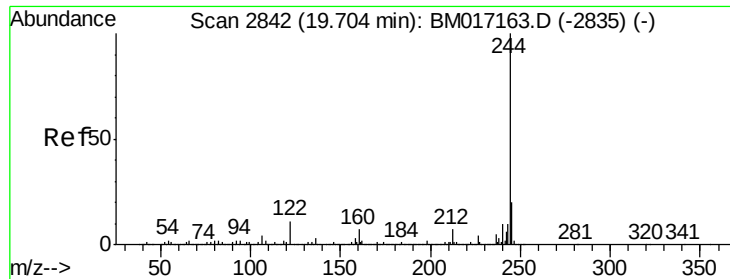
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 73.438 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

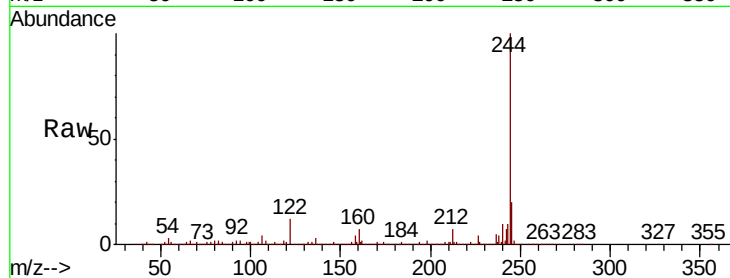
Tot Ion:244 Resp: 8161406

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

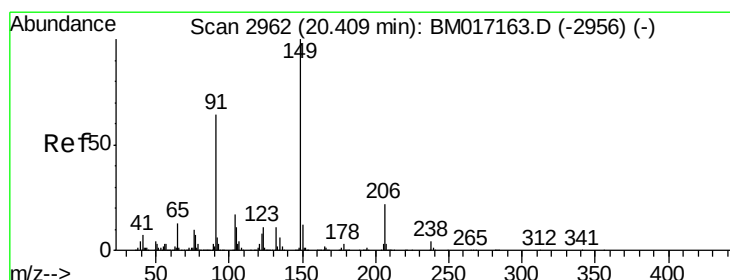
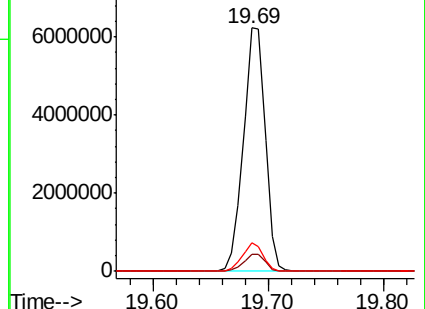
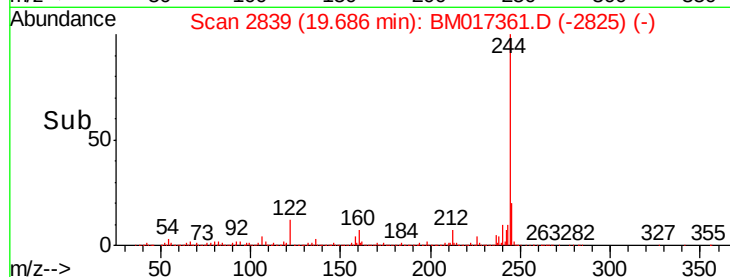
122 11.7 8.4 12.6



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: 56.601 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

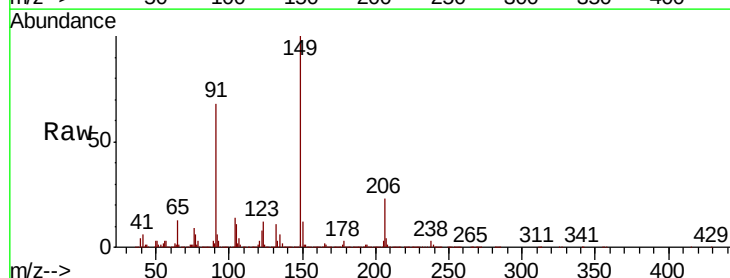
Tgt Ion:149 Resp: 3095971

Ion Ratio Lower Upper

149 100

91 68.3 51.3 76.9

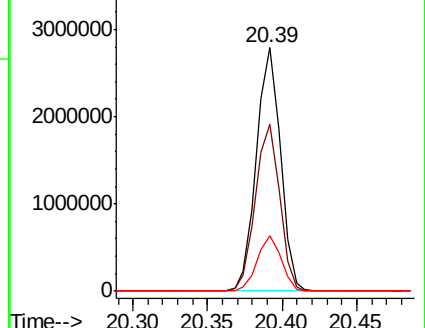
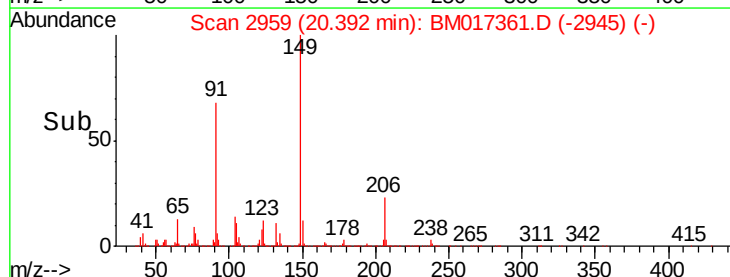
206 22.8 18.0 27.0

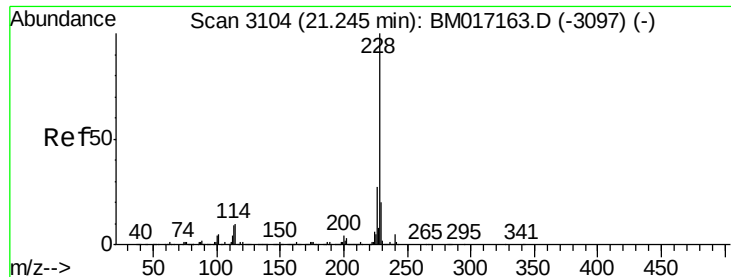


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.110 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

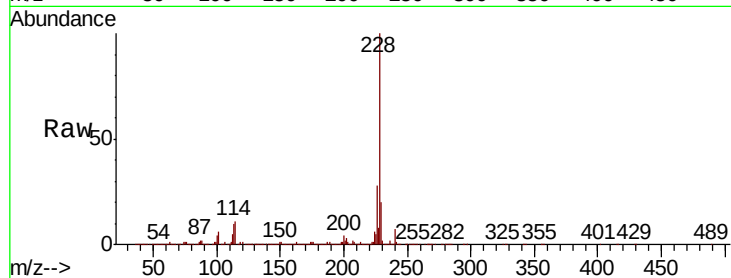
Tot Ion:228 Resp: 7063639

Ion Ratio Lower Upper

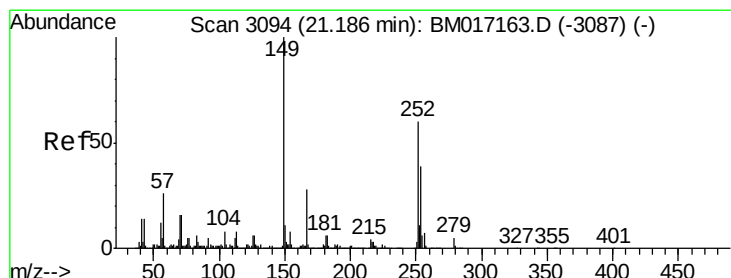
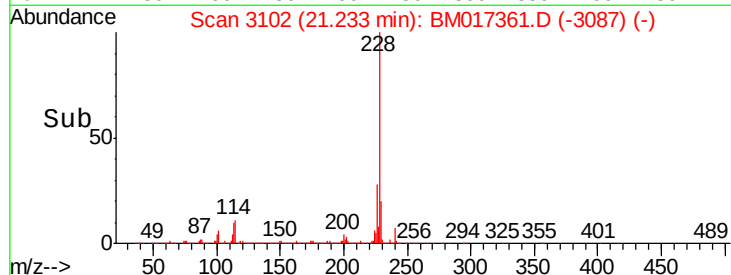
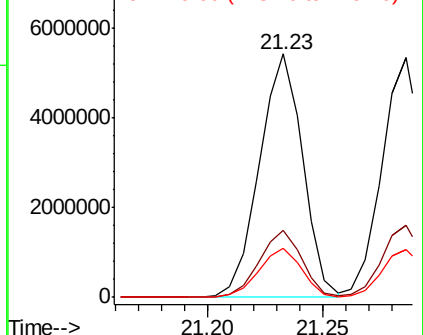
228 100

226 27.6 21.4 32.0

229 20.2 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: 18.346 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

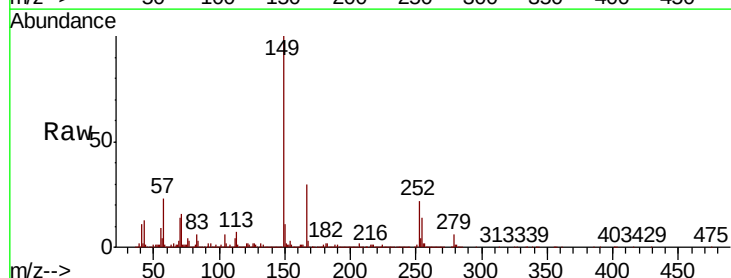
Tgt Ion:252 Resp: 963830

Ion Ratio Lower Upper

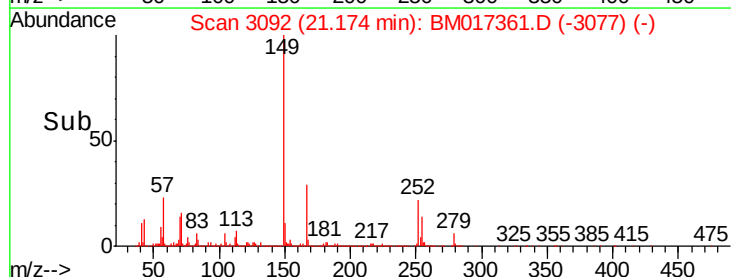
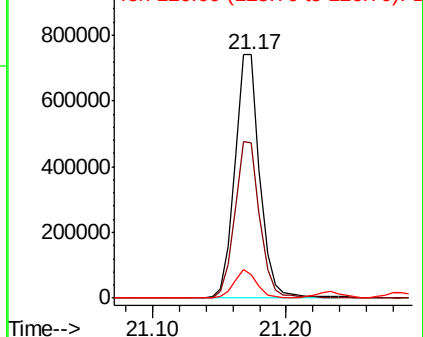
252 100

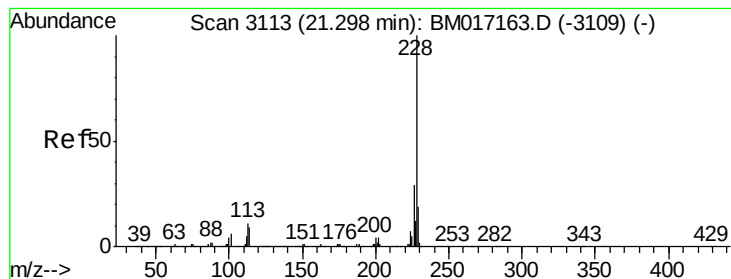
254 64.0 52.1 78.1

126 9.7 8.6 12.8



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





#83

Chrysene

Concen: 47.831 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

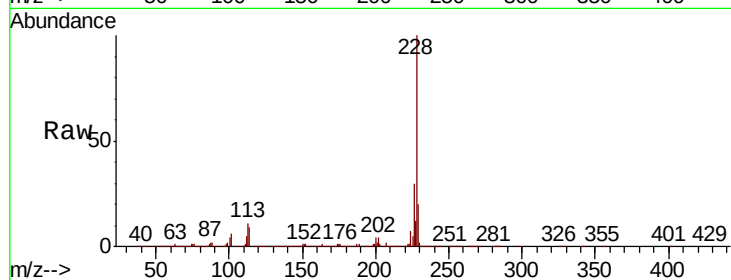
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 6673584

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	20.1	15.6	23.4

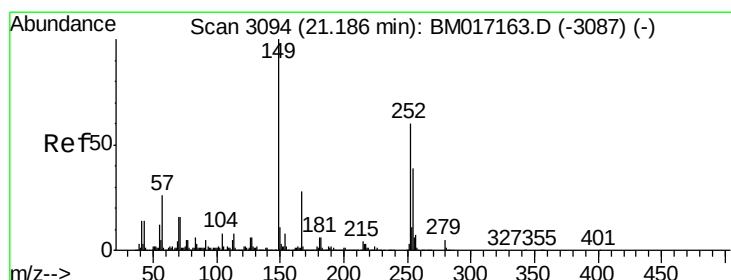
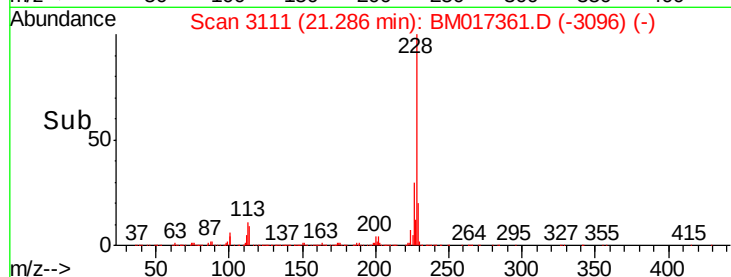
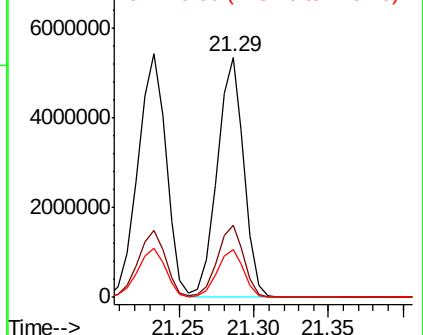


Abundance

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: 53.468 ng

RT: 21.17 min Scan# 3091

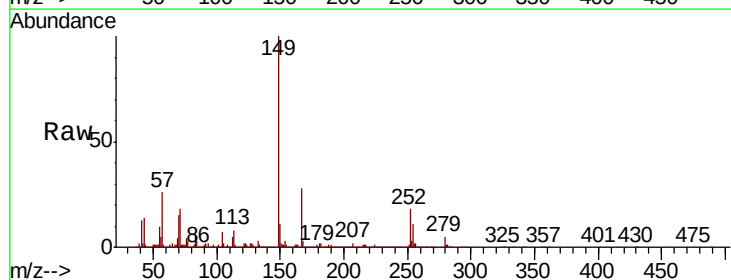
Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Tgt Ion:149 Resp: 4413623

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	4.6	3.6	5.4

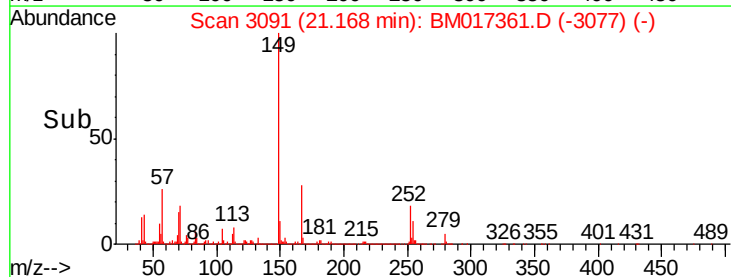
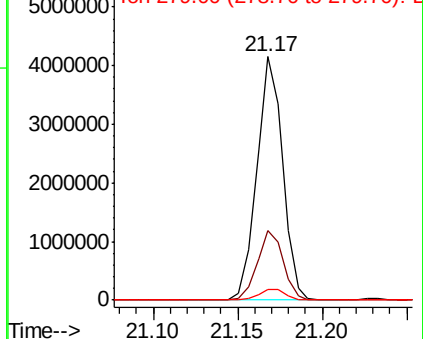


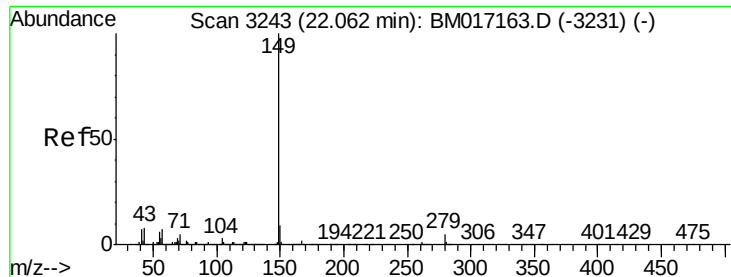
Abundance

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: 55.479 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampleId :

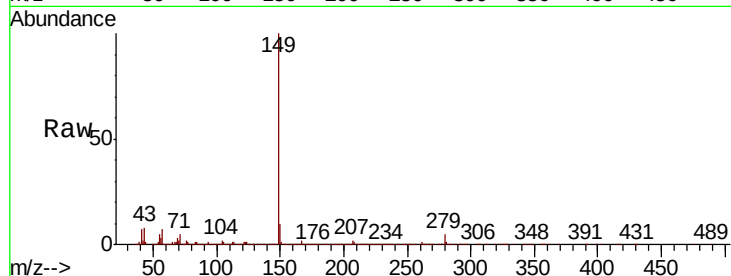
Tot Ion:149 Resp: 7796632

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

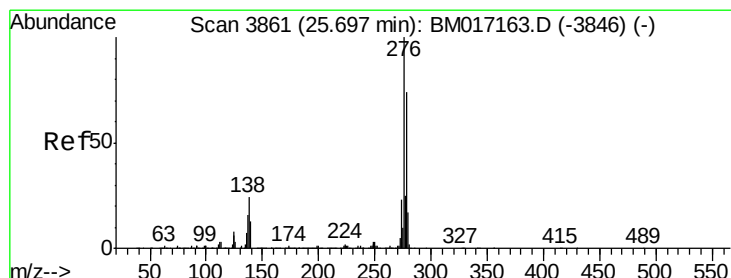
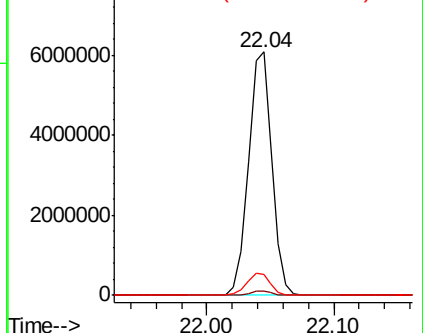
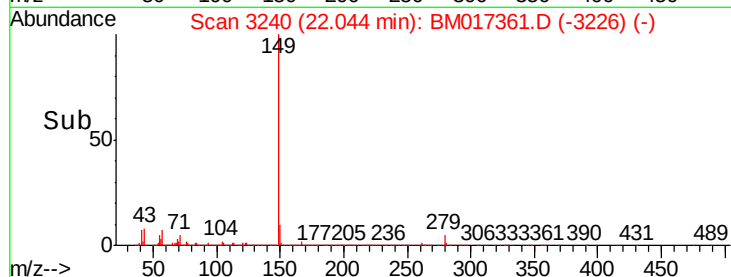
43 8.9 7.2 10.8



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: 41.104 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

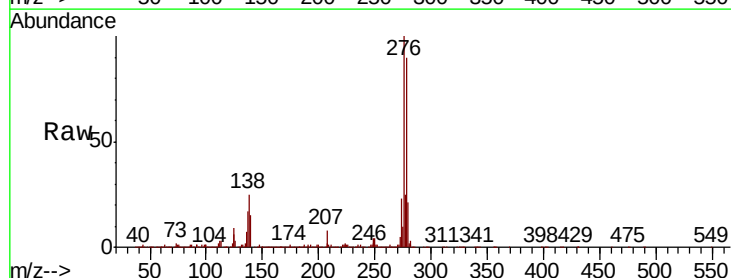
Tgt Ion:276 Resp: 6414501

Ion Ratio Lower Upper

276 100

138 24.2 19.5 29.3

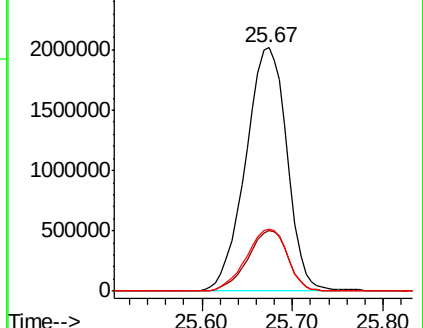
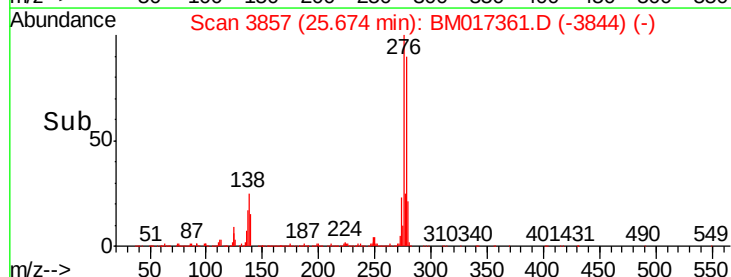
277 25.3 20.1 30.1

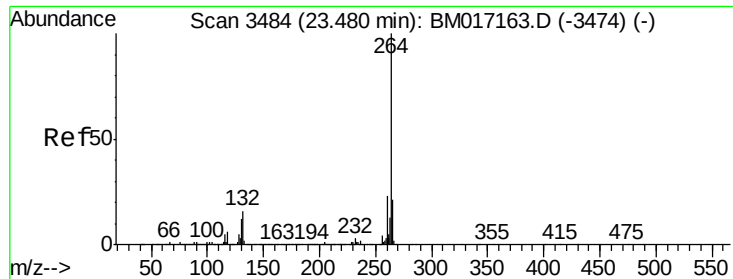


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



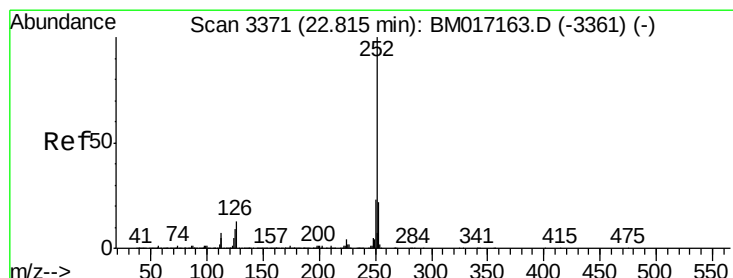
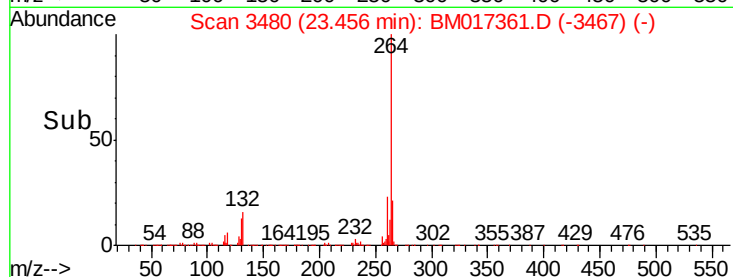
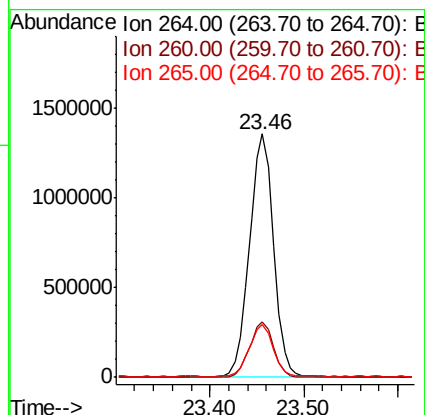
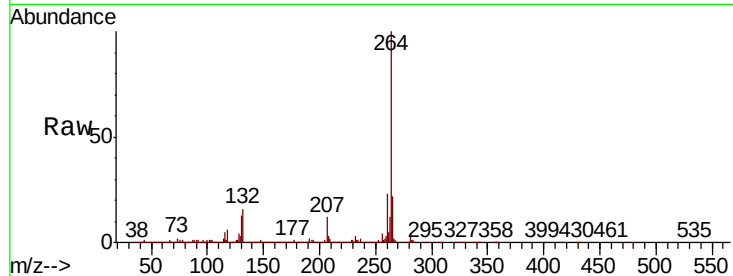


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 2413758

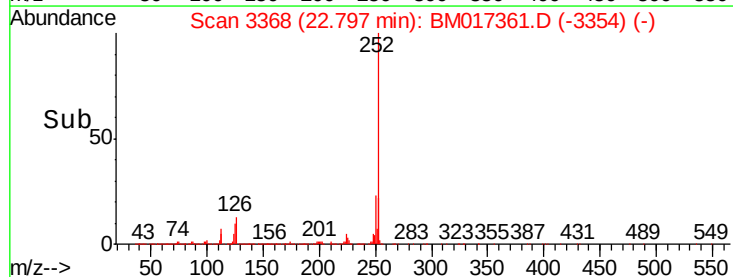
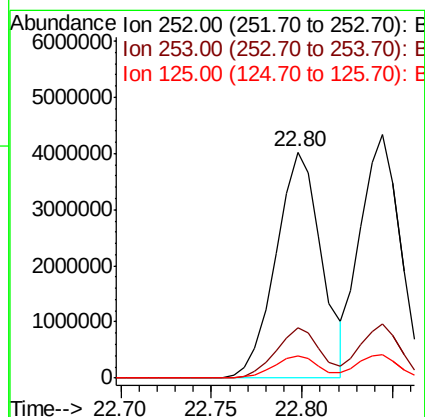
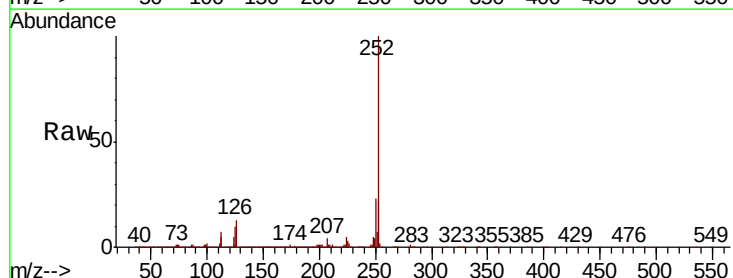
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.8	17.8	26.8

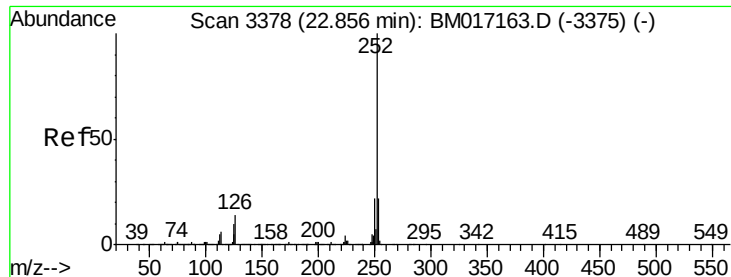


#88
Benzo(b)fluoranthene
Concen: 53.537 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM017361.D
Acq: 26 Oct 2018 22:58

Tgt Ion:252 Resp: 7065250

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.0	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 49.805 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Instrument :

BNA_M

ClientSampled :

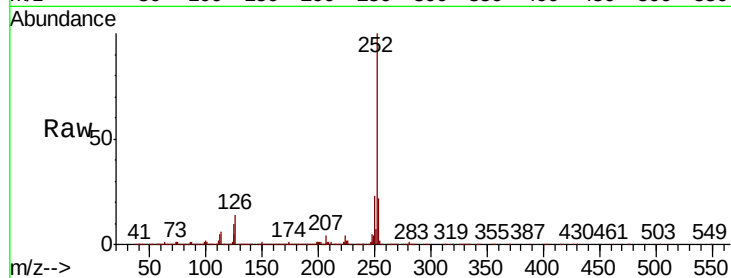
Tot Ion:252 Resp: 6595204

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.6 8.2 12.2

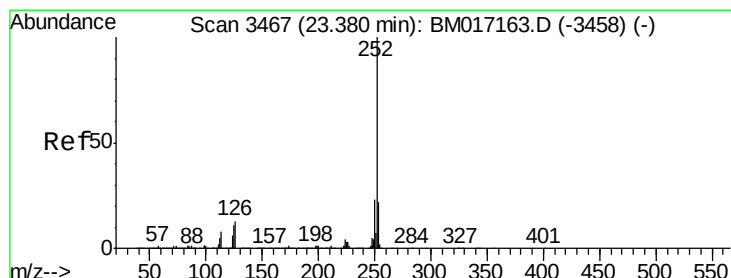
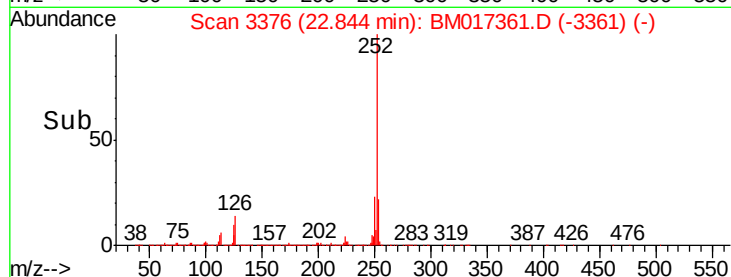
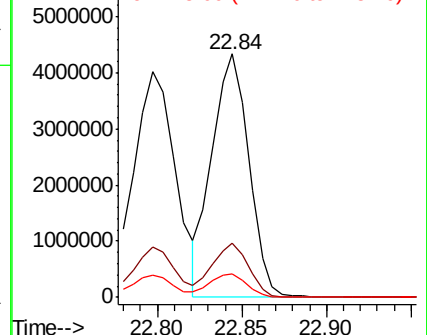


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 51.255 ng

RT: 23.36 min Scan# 3464

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

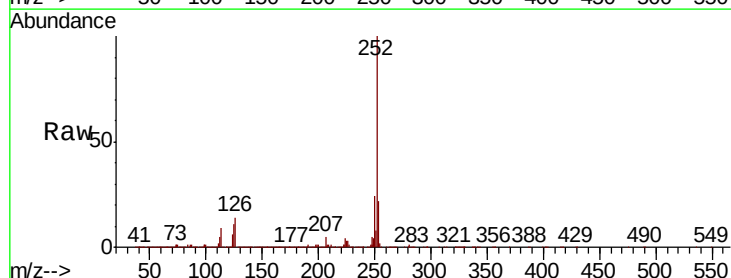
Tgt Ion:252 Resp: 6422249

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.9 8.6 13.0

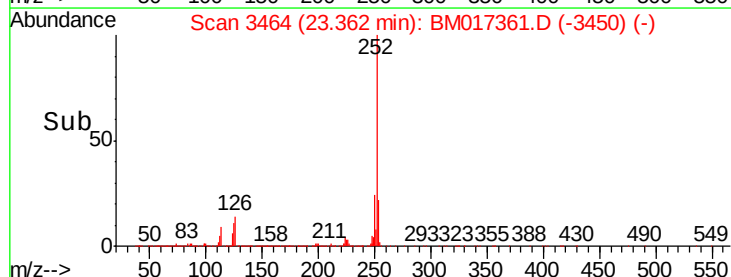
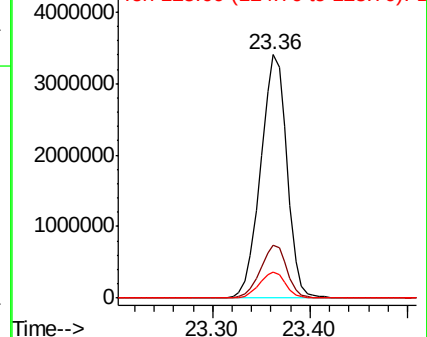


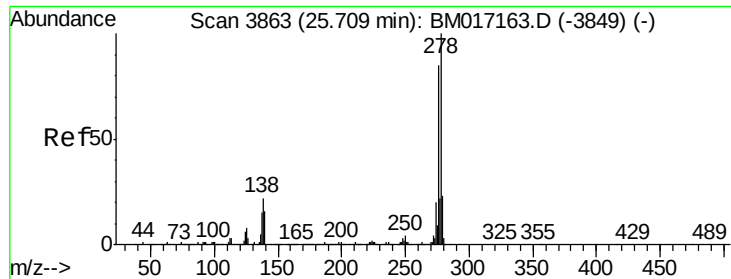
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.098 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

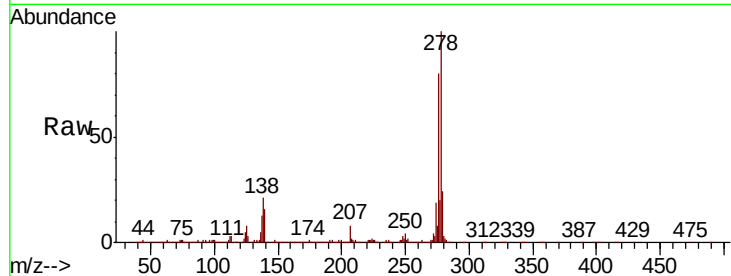
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 5486592

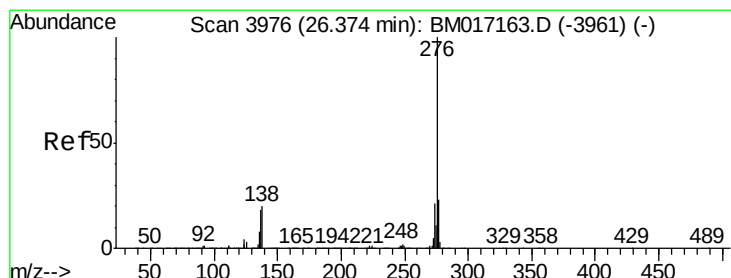
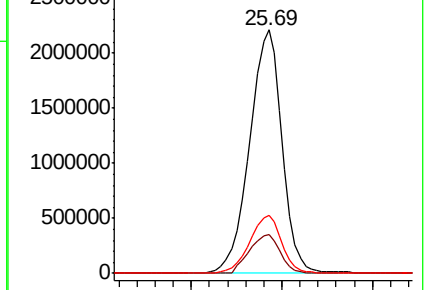
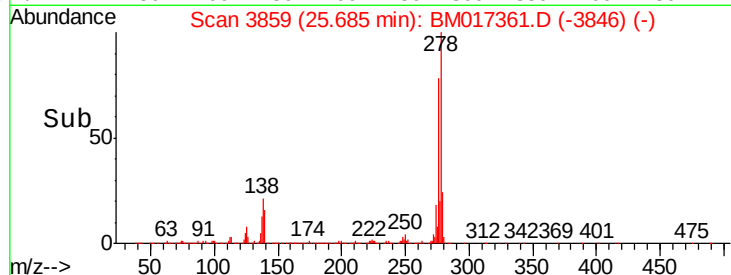
Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	23.9	18.7	28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.121 ng

RT: 26.34 min Scan# 3971

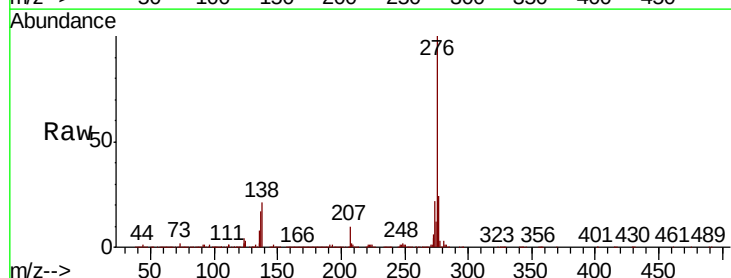
Delta R.T. -0.03 min

Lab File: BM017361.D

Acq: 26 Oct 2018 22:58

Tgt Ion:276 Resp: 5070779

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	20.6	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

