

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017249.D
 Acq On : 20 Oct 2018 04:12
 Operator : MJ/SJ
 Sample : PB113953BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 05:56:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	392118	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1724849	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	990724	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	2059784	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1758928	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1407948	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	3644238	157.19	ng	0.00
7) Phenol-d6	6.86	99	4867338	154.15	ng	0.00
23) Nitrobenzene-d5	8.82	82	2401935	81.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1885089	140.70	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	5732705	76.99	ng	-0.01
79) Terphenyl-d14	19.70	244	6835124	87.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	324602	27.419	ng	87
3) Pyridine	3.65	79	968151	35.542	ng	# 86
4) n-Nitrosodimethylamine	3.56	42	454141	41.530	ng	# 74
6) Aniline	7.01	93	1589850	40.255	ng	97
8) 2-Chlorophenol	7.24	128	1233993	46.008	ng	97
9) Benzaldehyde	6.82	77	658653	32.715	ng	98
10) Phenol	6.88	94	1517601	44.658	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	1068841	39.455	ng	99
12) 1,3-Dichlorobenzene	7.55	146	1240629	39.680	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1265506	39.617	ng	99
14) 1,2-Dichlorobenzene	8.01	146	1218693	39.597	ng	98
15) Benzyl Alcohol	7.91	79	1064781	46.135	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1449829	38.308	ng	100
17) 2-Methylphenol	8.11	107	1024102	46.951	ng	98
18) Hexachloroethane	8.73	117	449785	41.144	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	882713	42.456	ng	98
20) 3+4-Methylphenols	8.44	107	1391413	46.640	ng	98
22) Acetophenone	8.49	105	1745009	39.911	ng	# 99
24) Nitrobenzene	8.86	77	1302792	41.762	ng	95
25) Isophorone	9.39	82	2349658	48.248	ng	98
26) 2-Nitrophenol	9.56	139	659138	45.486	ng	98
27) 2,4-Dimethylphenol	9.63	122	1153421	53.563	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1509891	44.050	ng	99
29) 2,4-Dichlorophenol	10.09	162	1180610	47.220	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	1195870	39.871	ng	99
31) Naphthalene	10.49	128	3634834	43.002	ng	99
32) Benzoic acid	9.80	122	751218	46.754	ng	93
33) 4-Chloroaniline	10.61	127	722807	19.799	ng	98
34) Hexachlorobutadiene	10.77	225	729276	38.374	ng	98
35) Caprolactam	11.41	113	105703	11.601	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	1230879	43.675	ng	97
37) 2-Methylnaphthalene	12.11	142	2701111	46.698	ng	99
38) 1-Methylnaphthalene	12.33	142	2584776	45.913	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1395850	40.007	ng	99

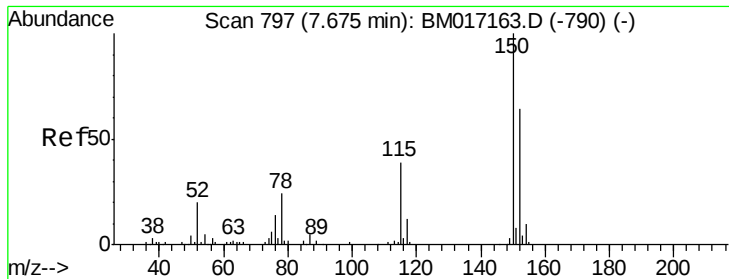
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
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 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	2052658	121.697	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	940298	46.426	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	1003580	46.208	ng	99
46) 1,1'-Biphenyl	13.13	154	3413340	38.285	ng	99
47) 2-Chloronaphthalene	13.17	162	2643745	40.308	ng	98
48) 2-Nitroaniline	13.39	65	756067	41.655	ng	95
49) Acenaphthylene	14.03	152	4285006	45.072	ng	100
50) Dimethylphthalate	13.78	163	3183893	41.655	ng	100
51) 2,6-Dinitrotoluene	13.90	165	718988	42.738	ng	99
52) Acenaphthene	14.37	154	2465336	41.301	ng	98
53) 3-Nitroaniline	14.23	138	469373	25.761	ng	100
54) 2,4-Dinitrophenol	14.43	184	840198	84.605	ng	98
55) Dibenzofuran	14.71	168	3931833	39.609	ng	99
56) 4-Nitrophenol	14.55	139	1655062	98.509	ng	96
57) 2,4-Dinitrotoluene	14.69	165	962966	42.589	ng	97
58) Fluorene	15.36	166	3123256	42.508	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	890798	44.996	ng	98
60) Diethylphthalate	15.15	149	3152921	41.594	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1611186	38.465	ng	96
62) 4-Nitroaniline	15.40	138	709112	36.174	ng	98
63) Azobenzene	15.66	77	3003106	40.760	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	567569	43.652	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2740569	43.977	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	1017460	44.987	ng	98
68) Hexachlorobenzene	16.36	284	1092791	41.596	ng	98
69) Atrazine	16.54	200	973187	43.633	ng	99
70) Pentachlorophenol	16.71	266	1303115	72.408	ng	100
71) Phenanthrene	17.10	178	4737429	42.629	ng	99
72) Anthracene	17.19	178	4829158	45.733	ng	99
73) Carbazole	17.47	167	4166224	38.624	ng	100
74) Di-n-butylphthalate	18.03	149	4973515	43.716	ng	100
75) Fluoranthene	19.12	202	5118872	40.934	ng	98
77) Benzidine	19.32	184	2699468	60.526	ng	99
78) Pyrene	19.49	202	5085921	51.735	ng	100
80) Butylbenzylphthalate	20.40	149	1997377	52.587	ng	97
81) Benzo(a)anthracene	21.24	228	4442427	44.881	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	996129	27.002	ng	99
83) Chrysene	21.29	228	4124891	42.103	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2721024	47.591	ng	100
85) Di-n-octyl phthalate	22.05	149	4207153	43.924	ng	99
86) Indeno(1,2,3-cd)pyrene	25.68	276	3591876	32.778	ng	99
88) Benzo(b)fluoranthene	22.80	252	3780836	49.116	ng	100
89) Benzo(k)fluoranthene	22.84	252	3460416	44.800	ng	99
90) Benzo(a)pyrene	23.37	252	3363711	46.023	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3031886	41.777	ng	98
92) Benzo(g,h,i)perylene	26.35	276	3002980	41.749	ng	99

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

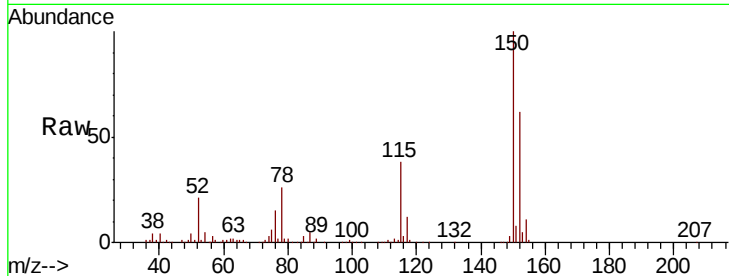


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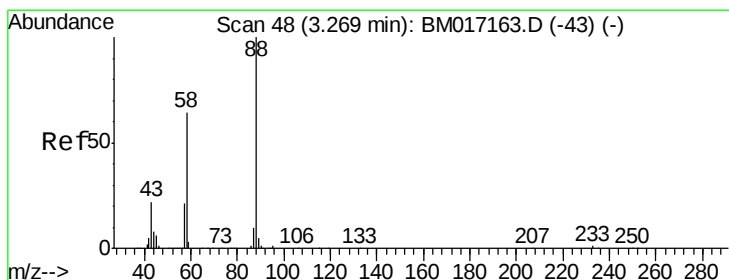
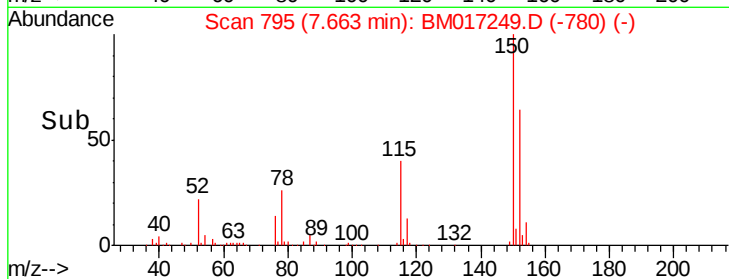
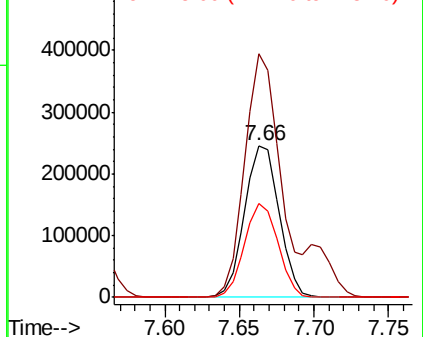
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.3	186.5
115	61.7	48.1	72.1



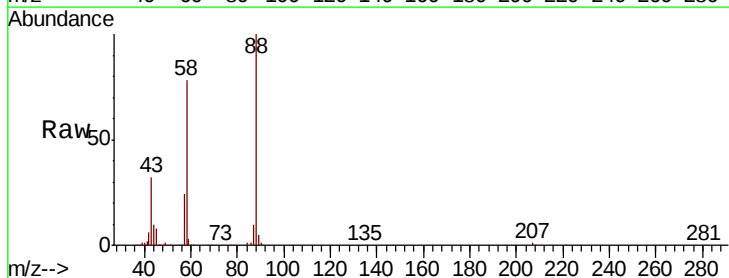
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



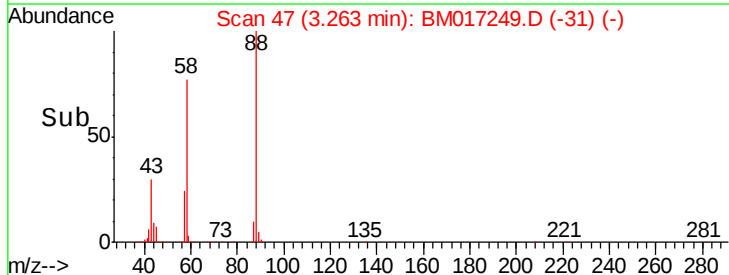
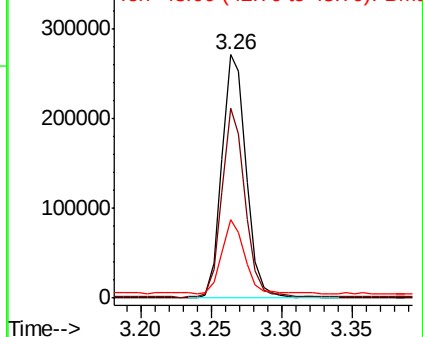
#2

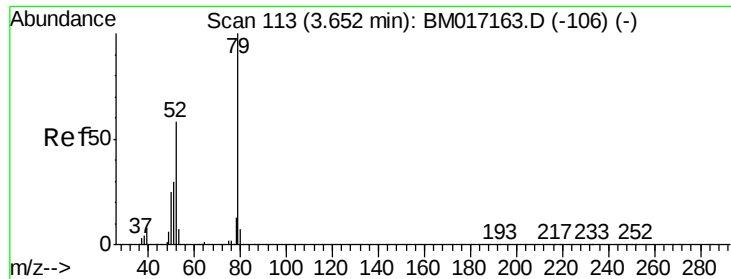
1,4-Dioxane
Concen: 27.419 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	50.2	75.4
43	28.1	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: 35.542 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

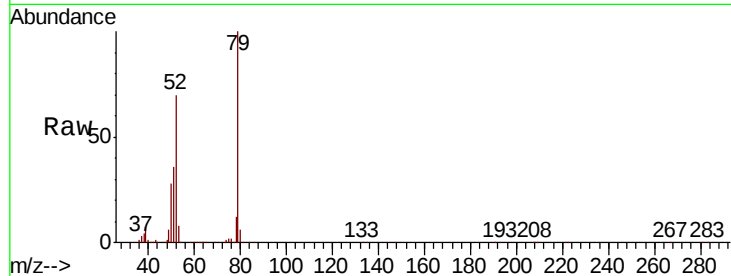
Tot Ion: 79 Resp: 968151

Ion Ratio Lower Upper

79 100

52 70.5 46.5 69.7#

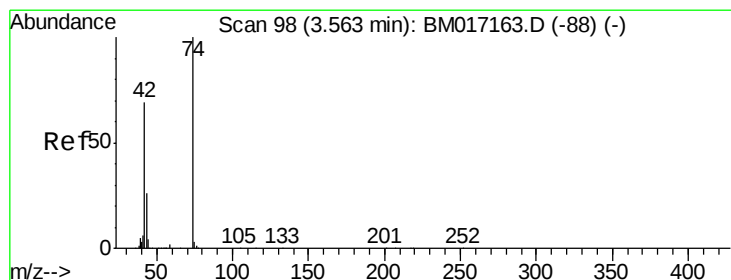
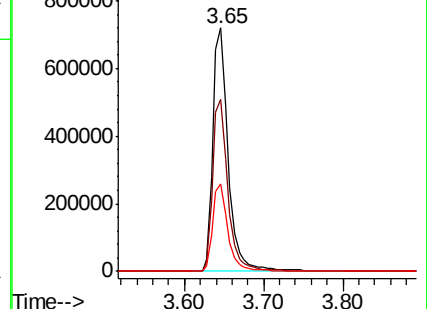
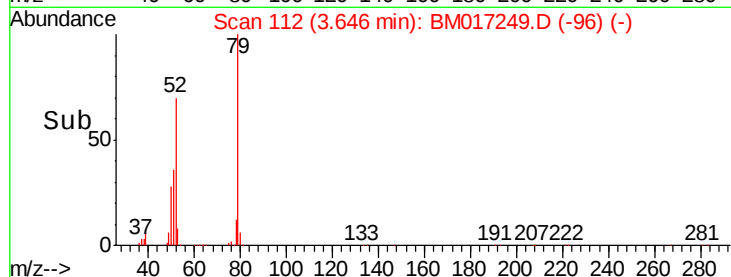
51 35.9 24.6 37.0



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

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

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



#4

n-Nitrosodimethylamine

Concen: 41.530 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

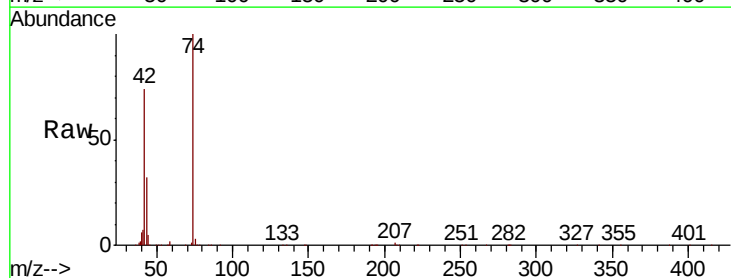
Tgt Ion: 42 Resp: 454141

Ion Ratio Lower Upper

42 100

74 135.0 114.4 171.6

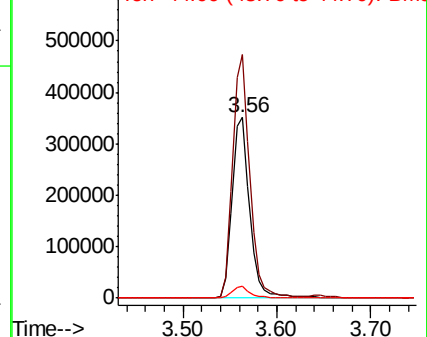
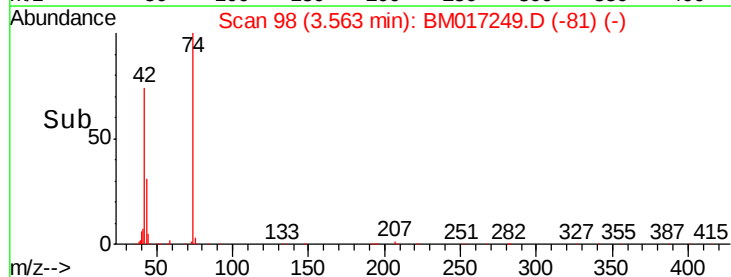
44 6.7 48.6 73.0#

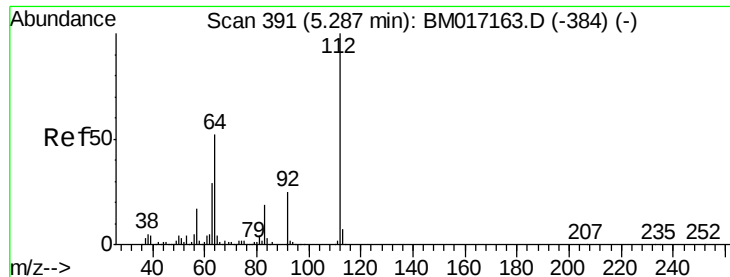


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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

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





#5

2-Fluorophenol

Concen: 157.188 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

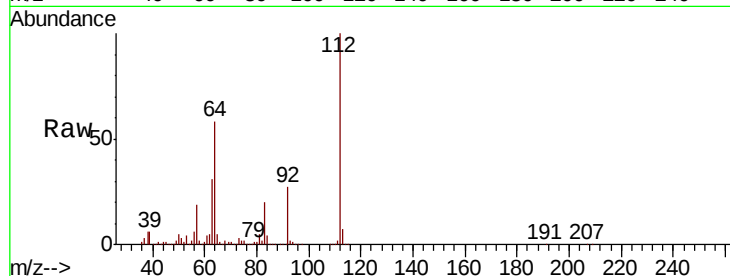
Tot Ion:112 Resp: 3644238

Ion Ratio Lower Upper

112 100

64 58.4 41.7 62.5

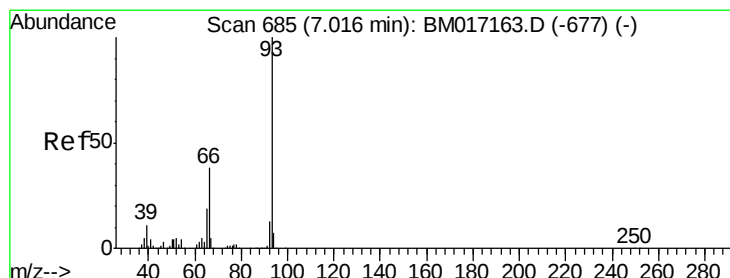
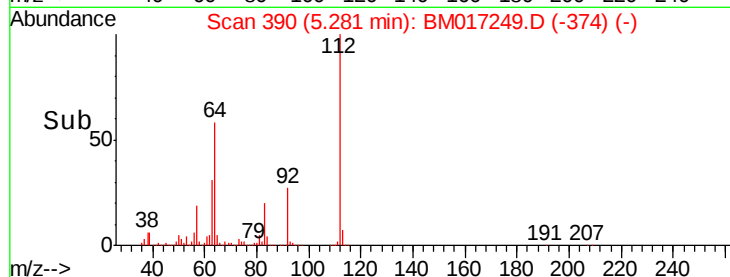
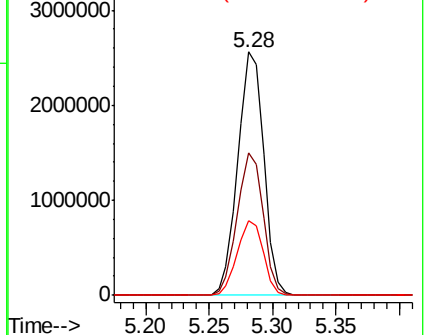
63 30.6 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 40.255 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

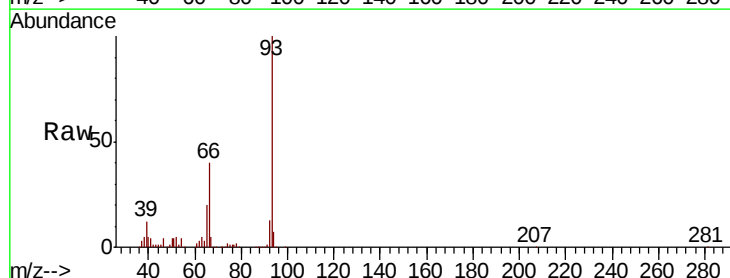
Tgt Ion: 93 Resp: 1589850

Ion Ratio Lower Upper

93 100

66 39.9 30.4 45.6

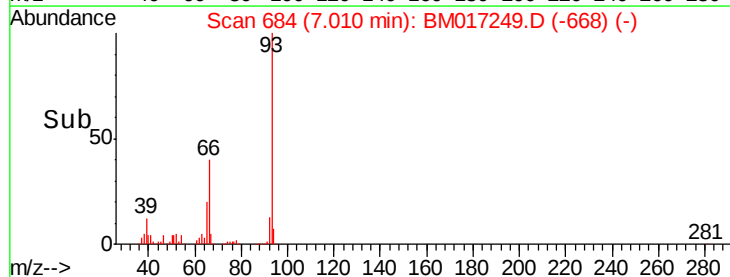
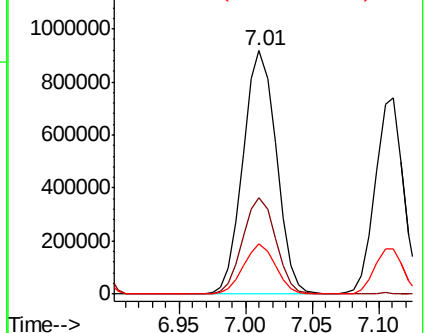
65 20.4 15.3 22.9

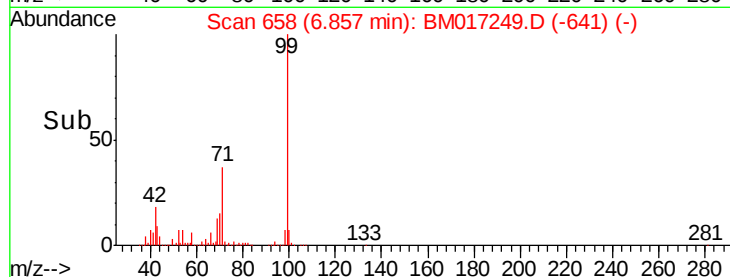
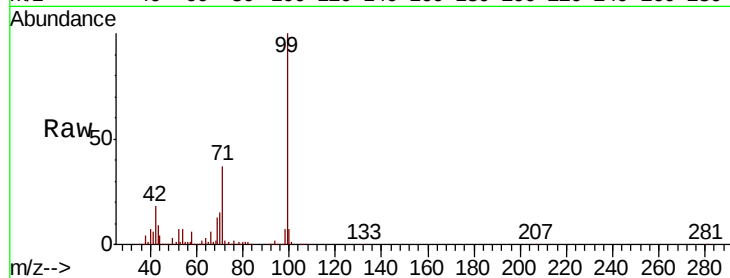
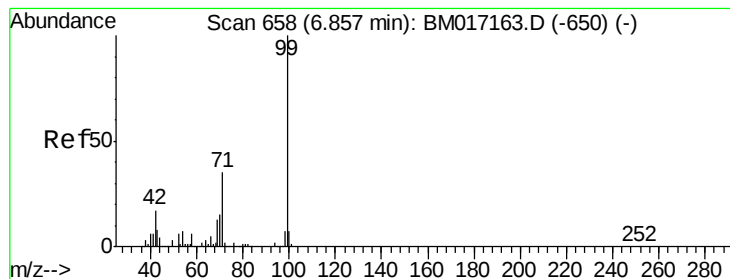


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 154.151 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

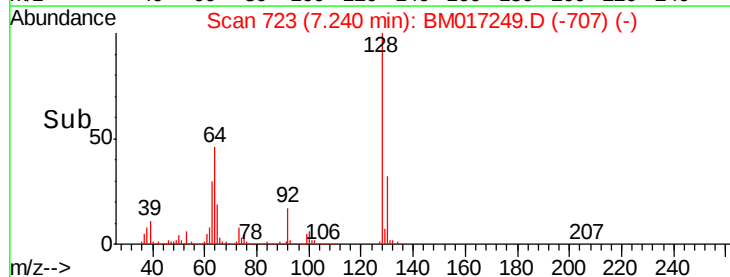
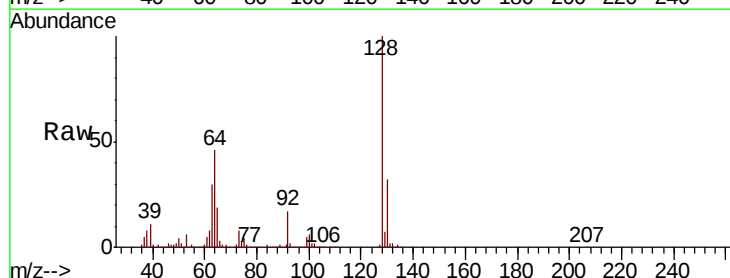
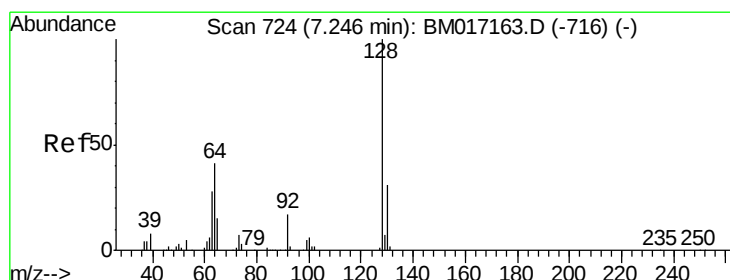
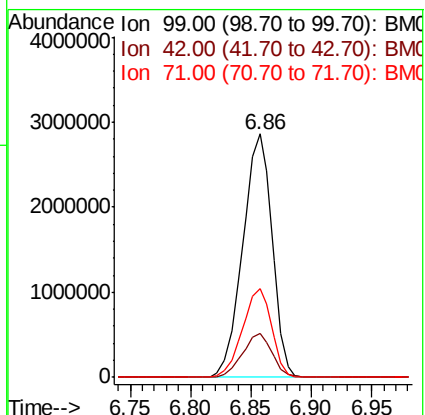
Tot Ion: 99 Resp: 4867338

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

71 36.5 28.0 42.0



#8

2-Chlorophenol

Concen: 46.008 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

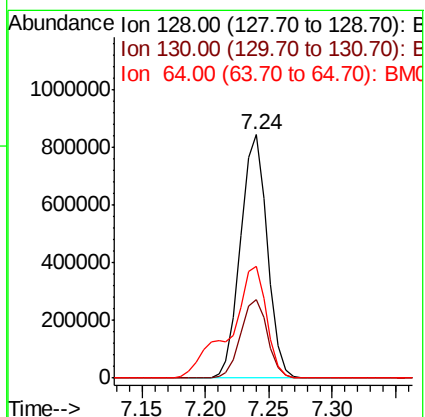
Tgt Ion:128 Resp: 1233993

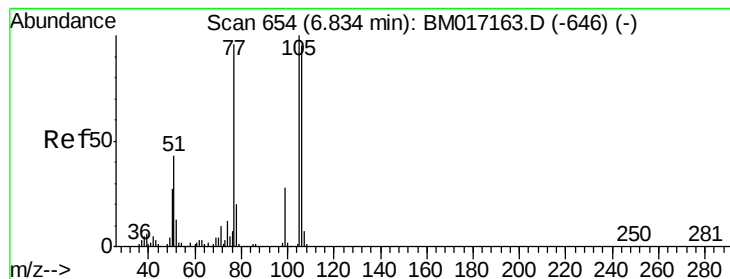
Ion Ratio Lower Upper

128 100

130 32.4 11.0 51.0

64 45.7 24.1 64.1





#9

Benzaldehyde

Concen: 32.715 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampled :

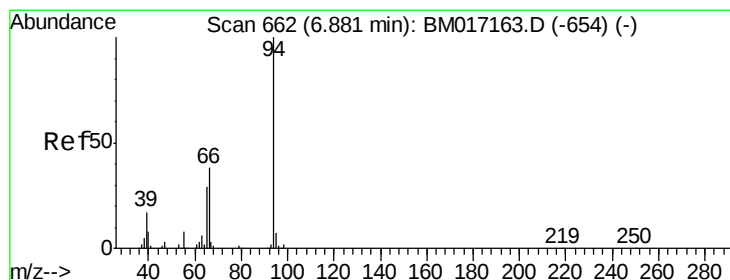
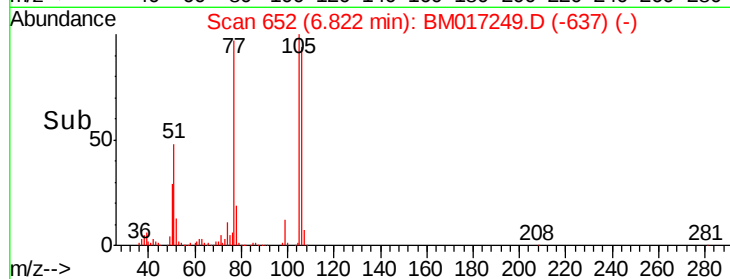
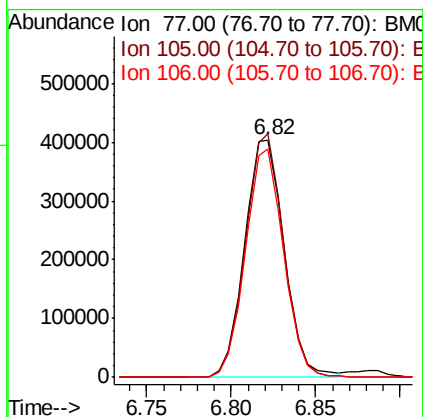
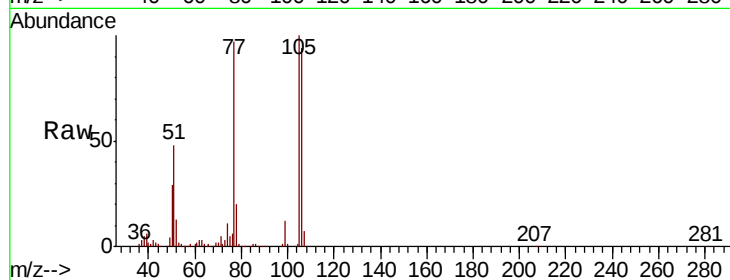
Tot Ion: 77 Resp: 658653

Ion Ratio Lower Upper

77 100

105 102.6 83.9 123.9

106 96.0 78.2 118.2



#10

Phenol

Concen: 44.658 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

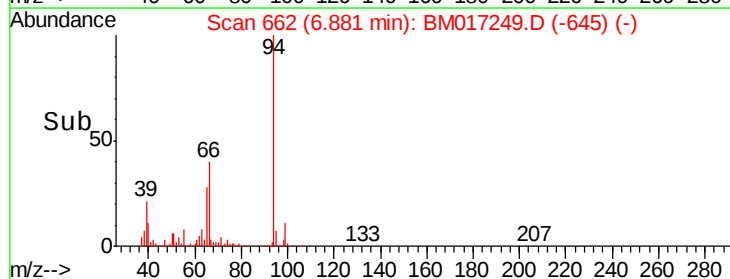
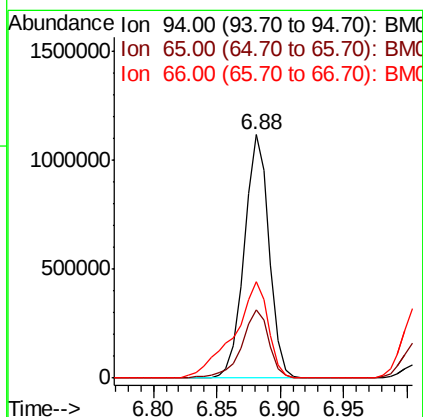
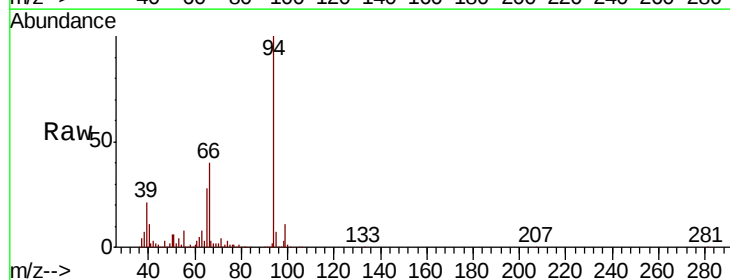
Tgt Ion: 94 Resp: 1517601

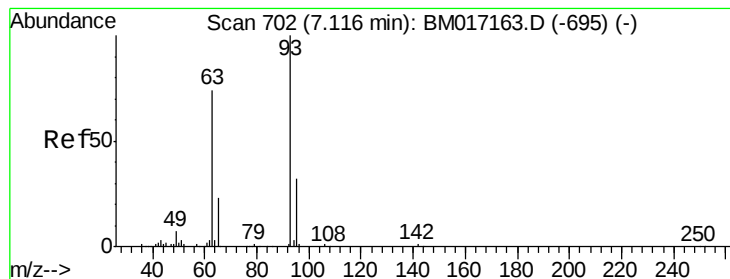
Ion Ratio Lower Upper

94 100

65 28.2 9.4 49.4

66 39.9 19.0 59.0





#11

bis(2-Chloroethyl)ether

Concen: 39.455 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampled :

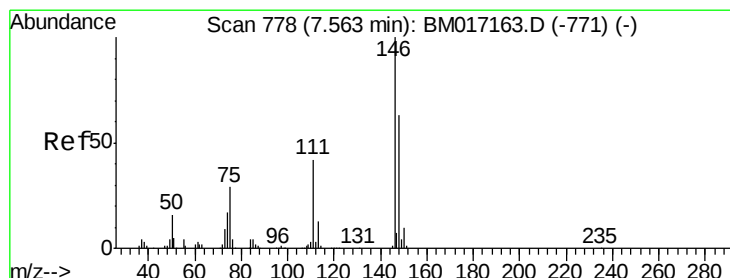
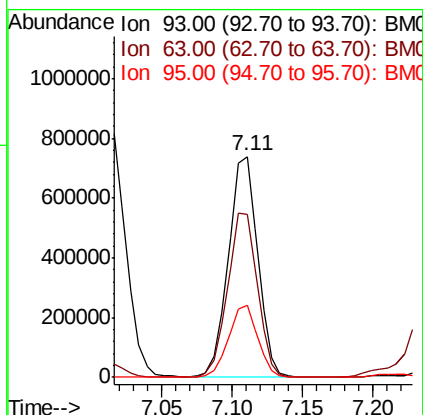
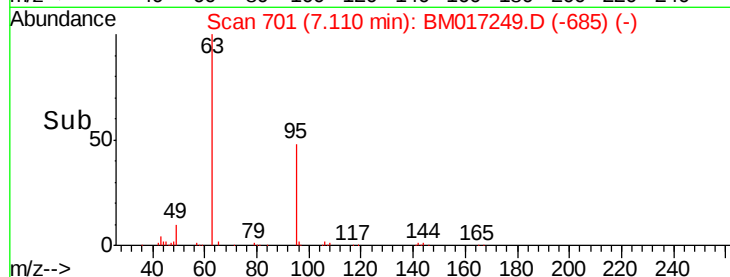
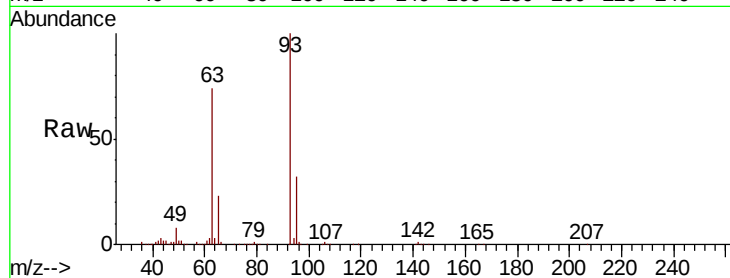
Tot Ion: 93 Resp: 1068841

Ion Ratio Lower Upper

93 100

63 73.6 54.0 94.0

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.680 ng

RT: 7.55 min Scan# 776

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

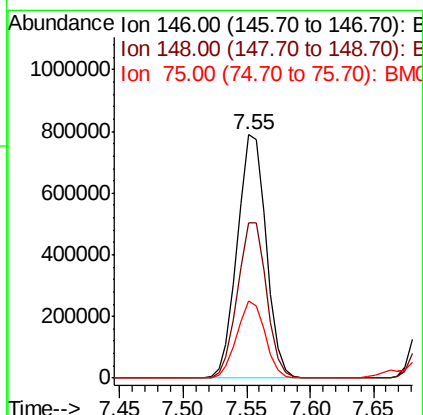
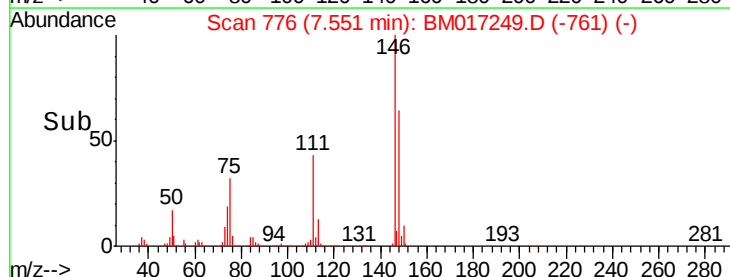
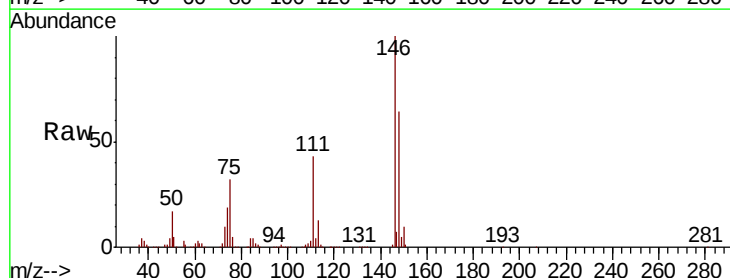
Tgt Ion: 146 Resp: 1240629

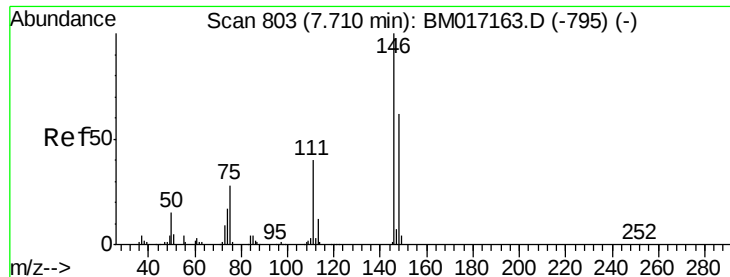
Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.4

75 31.6 23.3 34.9

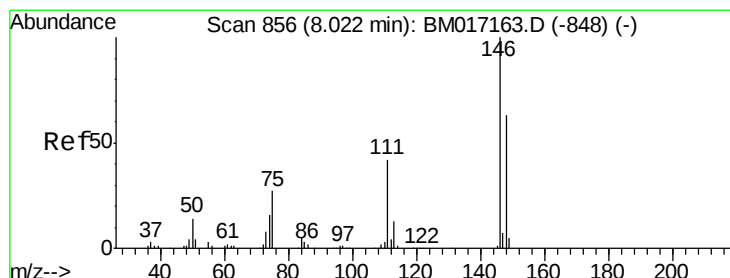
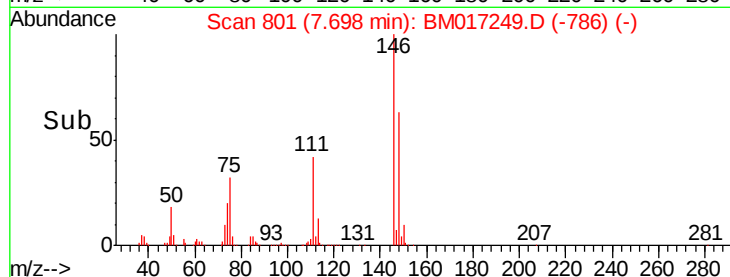
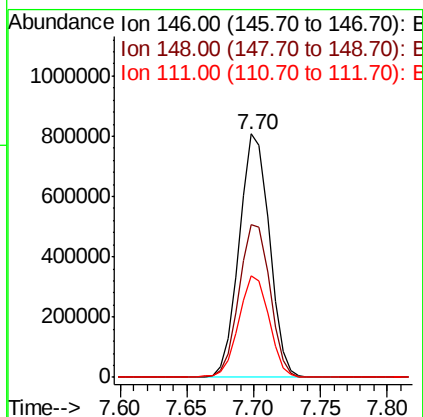
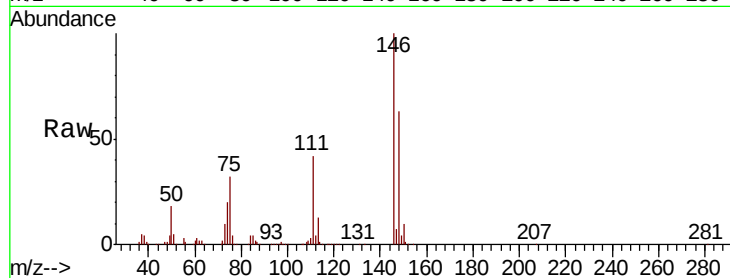




#13
 1,4-Dichlorobenzene
 Concen: 39.617 ng
 RT: 7.70 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

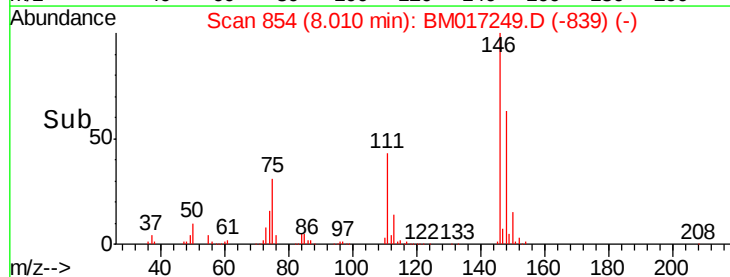
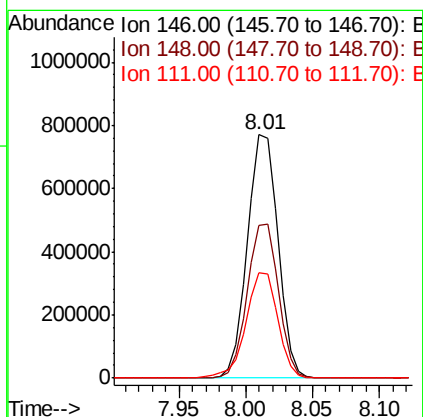
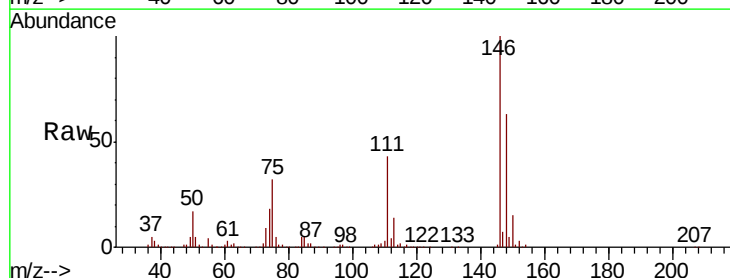
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 1265506
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.8 74.6
 111 41.7 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 39.597 ng
 RT: 8.01 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:146 Resp: 1218693
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.8 76.2
 111 43.5 33.8 50.6





#15

Benzyl Alcohol

Concen: 46.135 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

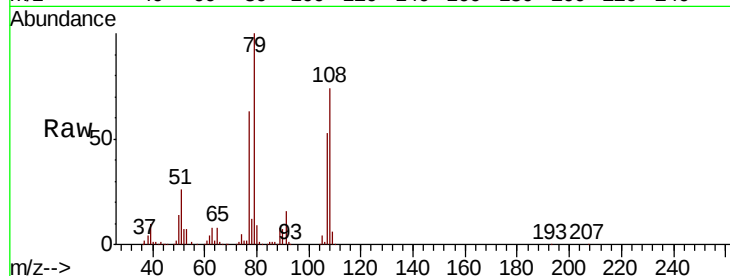
Tot Ion: 79 Resp: 1064781

Ion Ratio Lower Upper

79 100

108 74.3 60.3 90.5

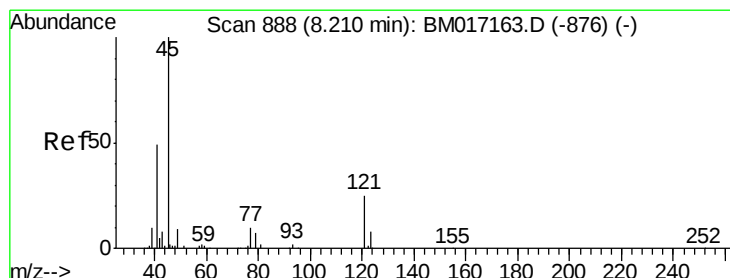
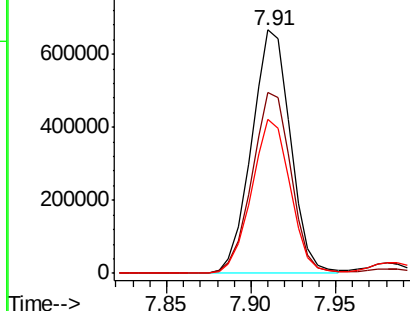
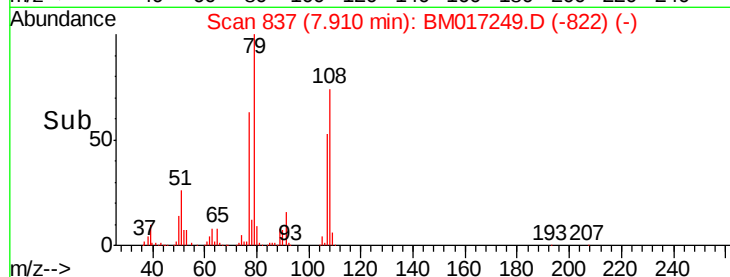
77 63.2 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017249.D (-822) (-)

Ion 108.00 (107.70 to 108.70): BM017249.D (-822) (-)

Ion 77.00 (76.70 to 77.70): BM017249.D (-822) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.308 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

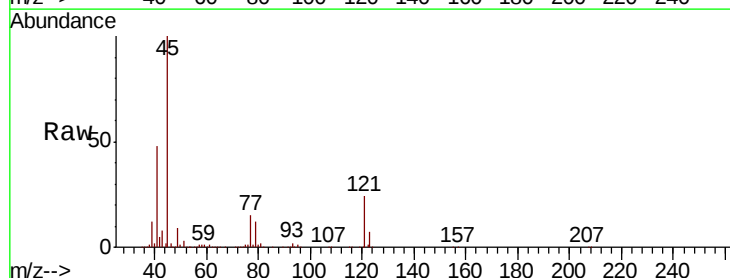
Tgt Ion: 45 Resp: 1449829

Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.5

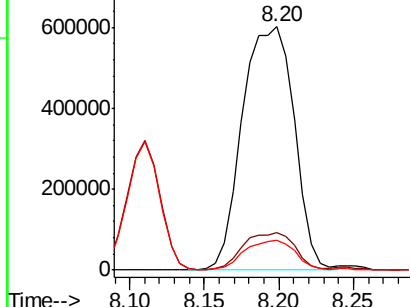
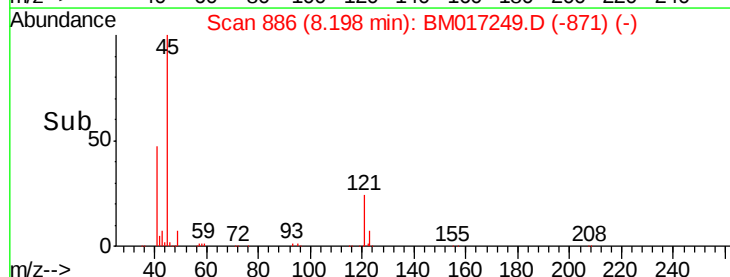
79 12.0 0.0 32.1



Abundance Ion 45.00 (44.70 to 45.70): BM017249.D (-871) (-)

Ion 77.00 (76.70 to 77.70): BM017249.D (-871) (-)

Ion 79.00 (78.70 to 79.70): BM017249.D (-871) (-)

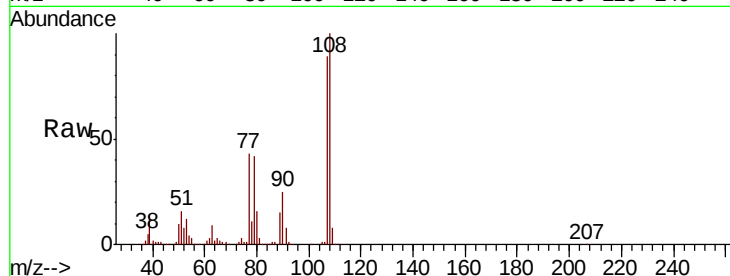




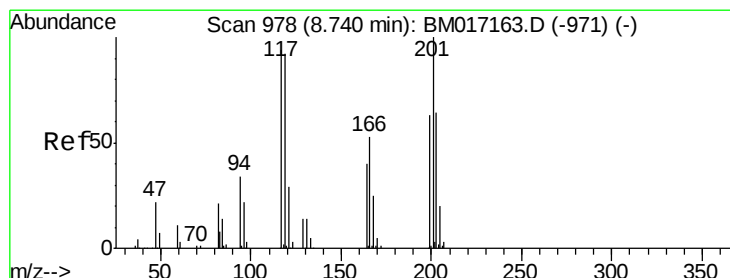
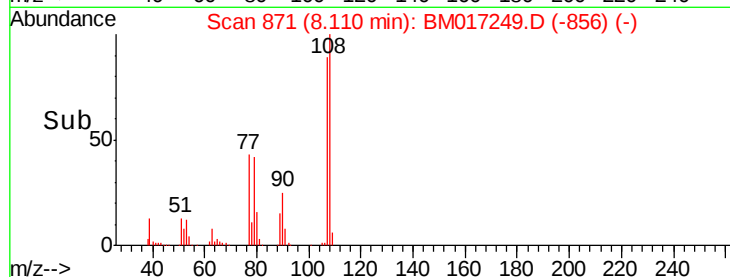
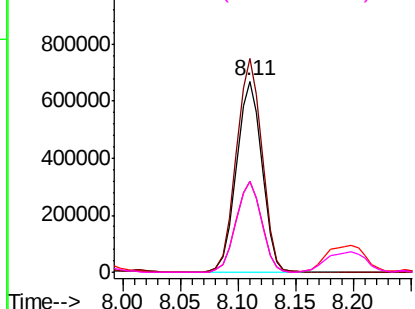
#17
2-Methylphenol
Concen: 46.951 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 1024102
Ion Ratio Lower Upper
107 100
108 112.0 90.3 135.5
77 47.9 37.0 55.4
79 47.5 35.8 53.6

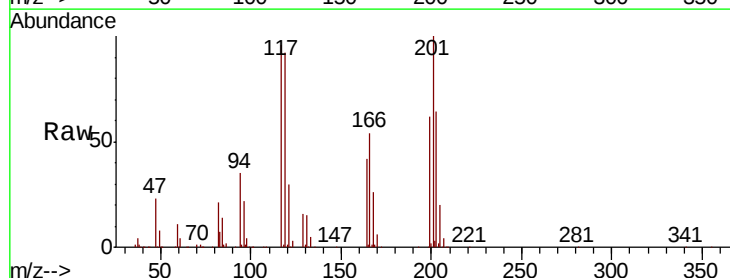


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

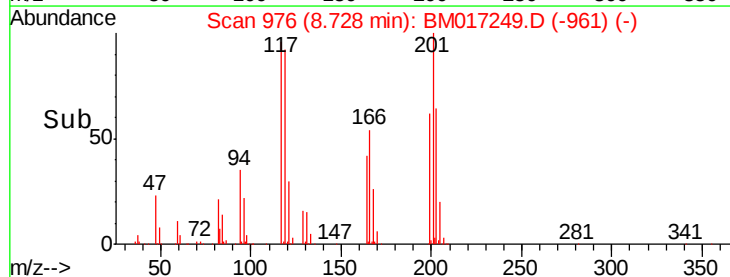
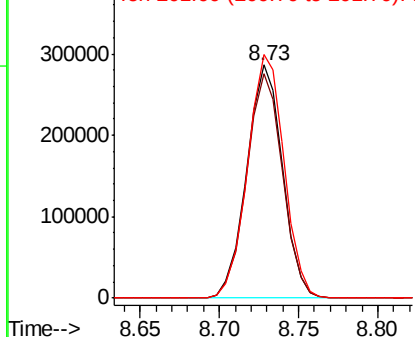


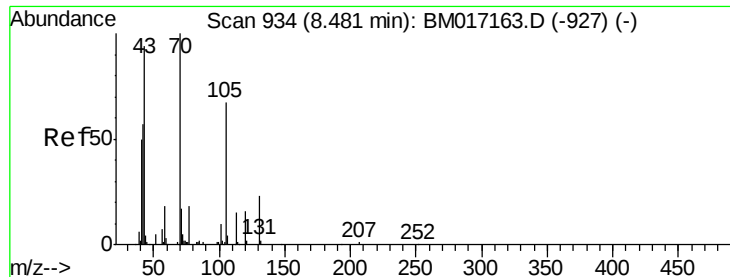
#18
Hexachloroethane
Concen: 41.144 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:117 Resp: 449785
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.2
201 104.5 85.3 127.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

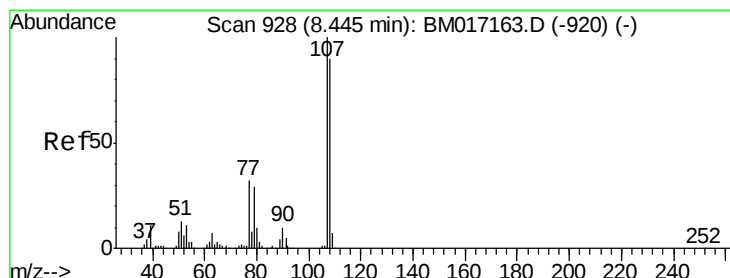
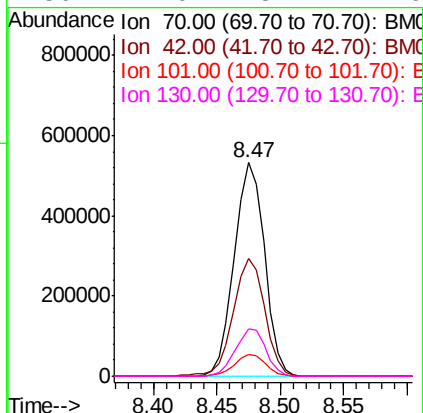
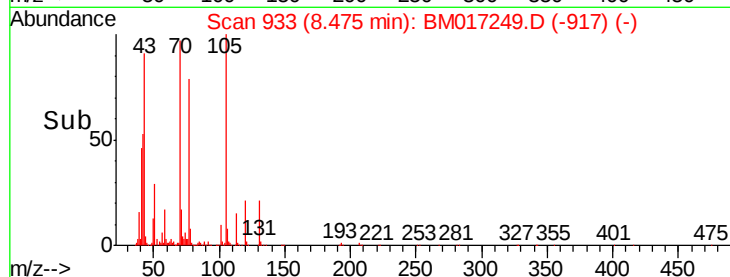
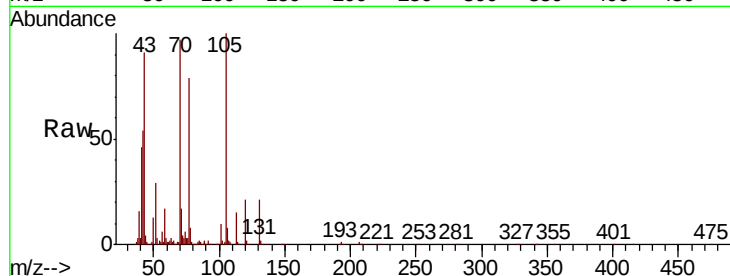




#19
n-Nitroso-di-n-propylamine
Concen: 42.456 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

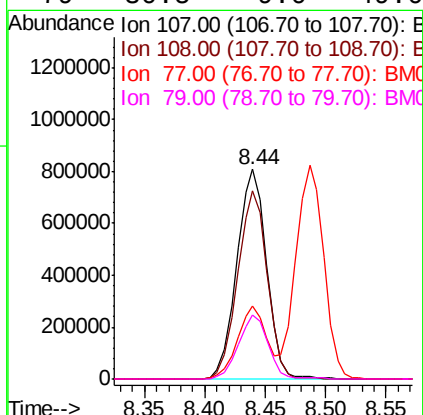
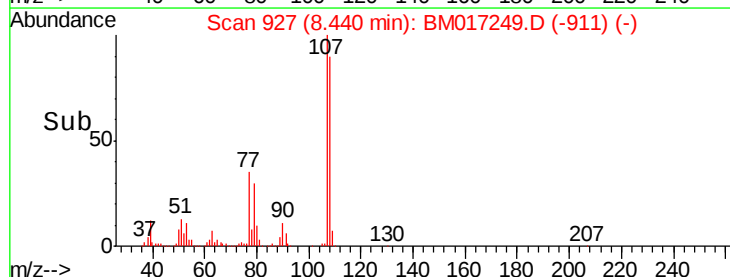
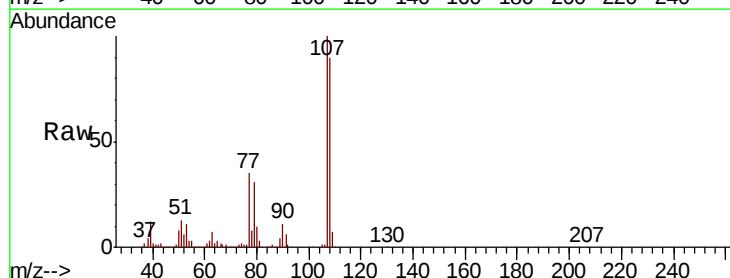
Instrument :
BNA_M
ClientSampleId :

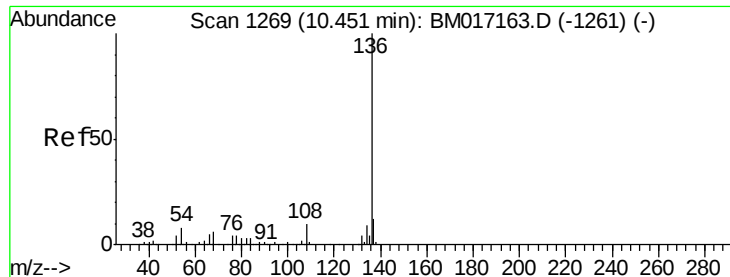
Tot Ion: 70 Resp: 882713
Ion Ratio Lower Upper
70 100
42 55.4 46.1 69.1
101 10.3 8.2 12.4
130 22.0 18.4 27.6



#20
3+4-Methylphenols
Concen: 46.640 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:107 Resp: 1391413
Ion Ratio Lower Upper
107 100
108 90.0 69.9 109.9
77 34.6 12.2 52.2
79 30.5 9.0 49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1724849

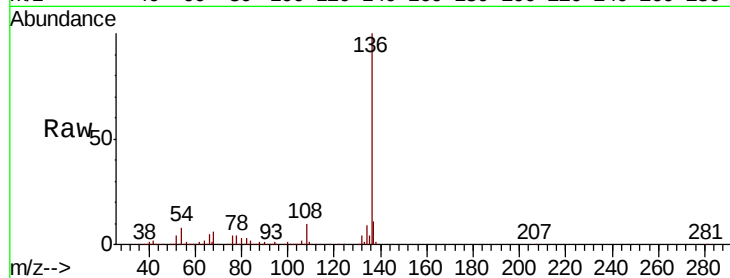
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.7	6.7	10.1
68	5.7	4.7	7.1

136 100

137 10.9 9.2 13.8

54 7.7 6.7 10.1

68 5.7 4.7 7.1



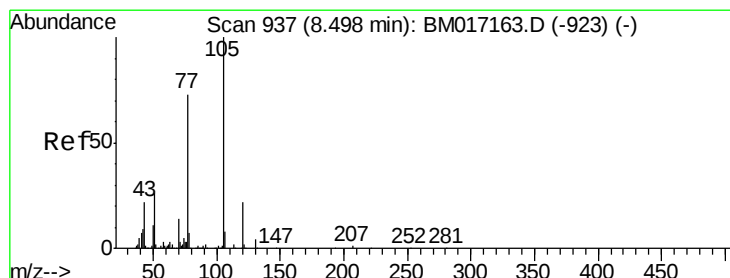
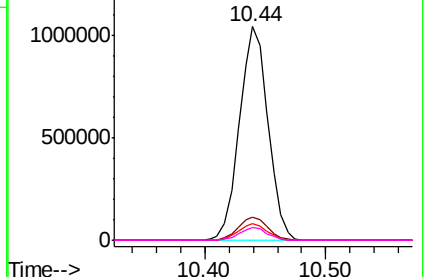
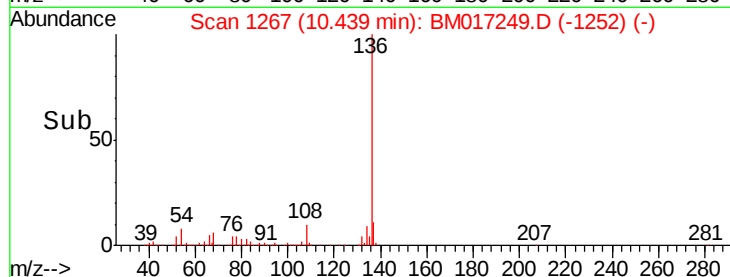
Abundance

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): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 39.911 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion:105 Resp: 1745009

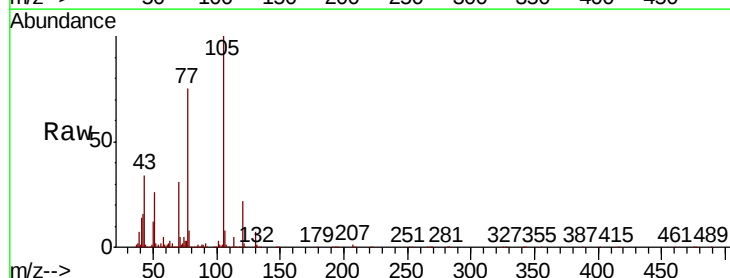
Ion	Ratio	Lower	Upper
105	100		
71	5.0	2.0	3.0#
51	26.2	20.6	31.0
120	21.9	17.5	26.3

105 100

71 5.0 2.0 3.0#

51 26.2 20.6 31.0

120 21.9 17.5 26.3



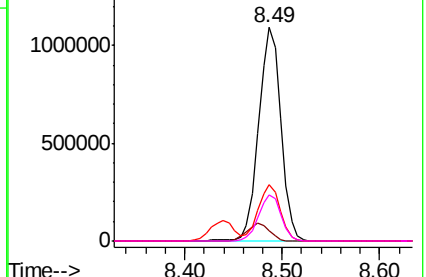
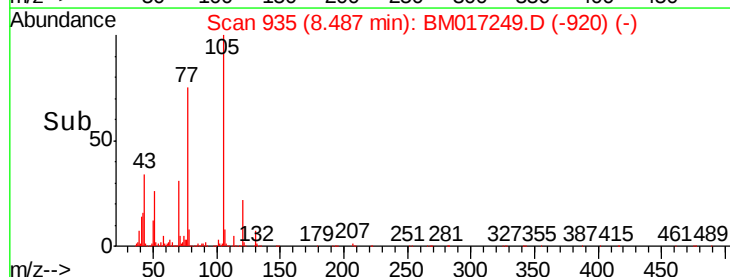
Abundance

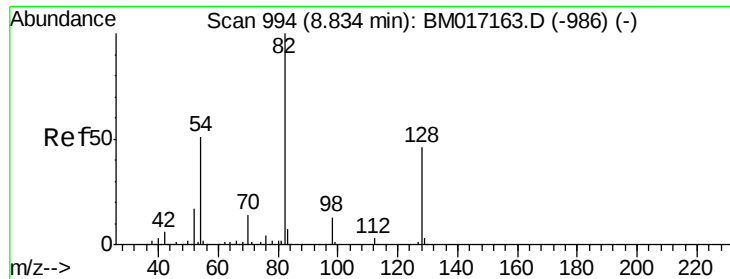
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

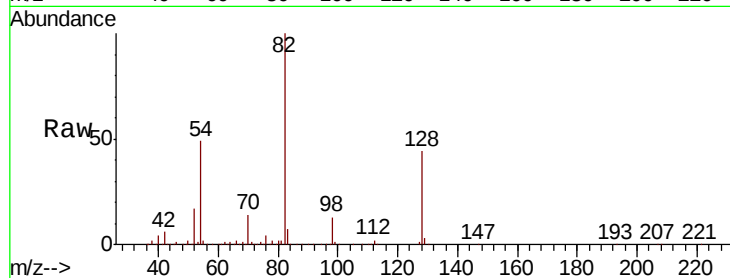




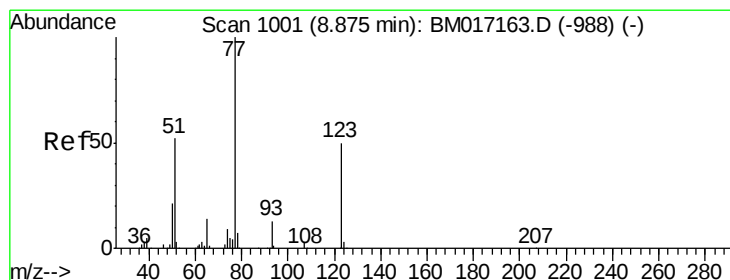
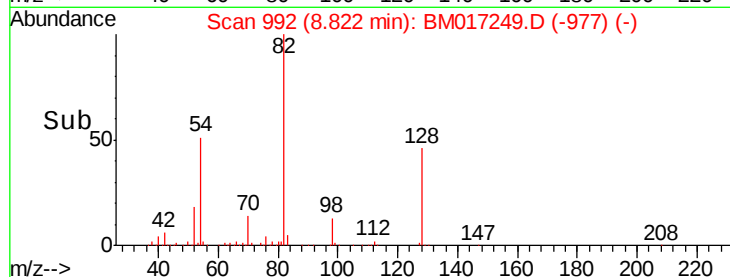
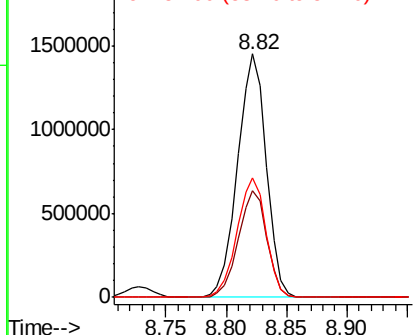
#23
Nitrobenzene-d5
Concen: 81.444 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 2401935
Ion Ratio Lower Upper
82 100
128 43.7 37.0 55.6
54 49.2 40.7 61.1

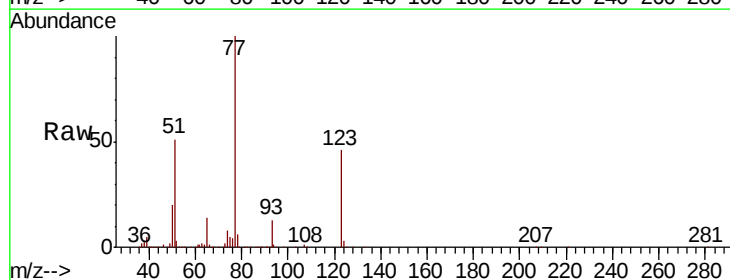


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-986) (-)
Ion 128.00 (127.70 to 128.70): BM017163.D (-986) (-)
Ion 54.00 (53.70 to 54.70): BM017163.D (-986) (-)

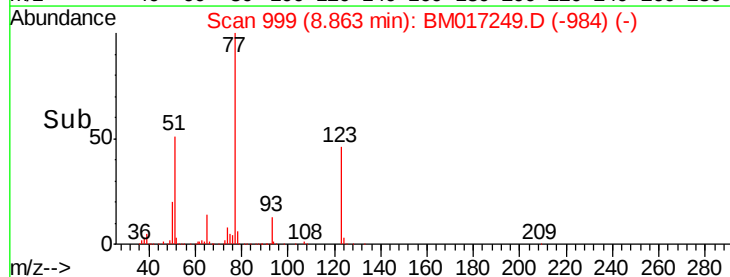
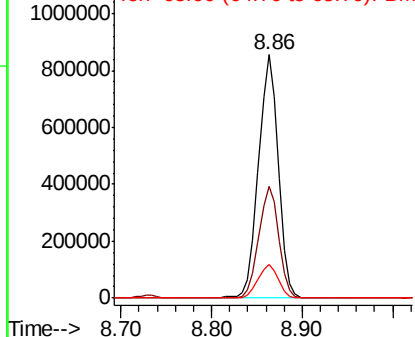


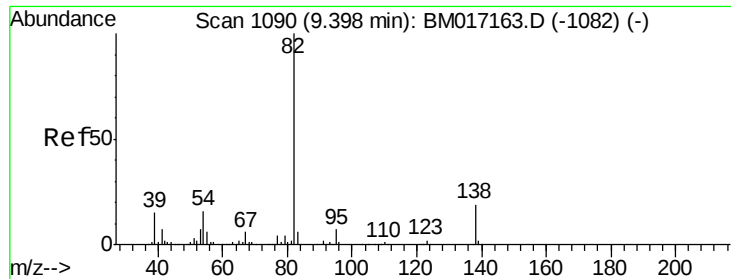
#24
Nitrobenzene
Concen: 41.762 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion: 77 Resp: 1302792
Ion Ratio Lower Upper
77 100
123 45.9 40.2 60.4
65 13.9 11.4 17.0



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-988) (-)
Ion 123.00 (122.70 to 123.70): BM017163.D (-988) (-)
Ion 65.00 (64.70 to 65.70): BM017163.D (-988) (-)

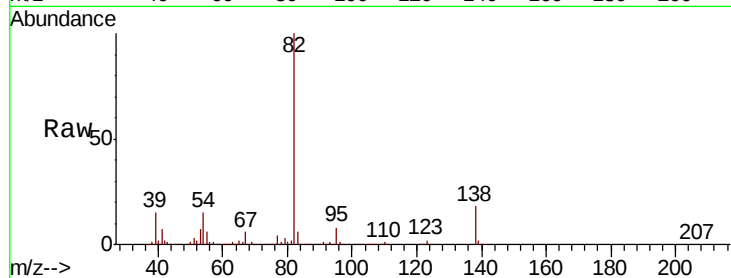




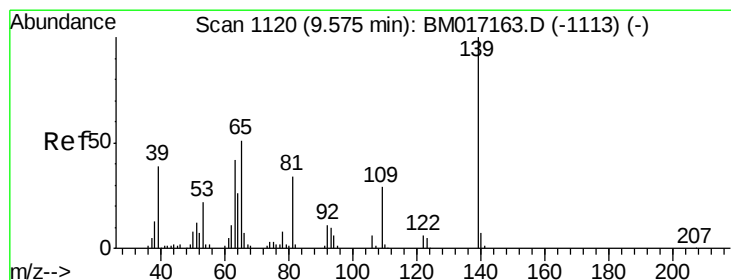
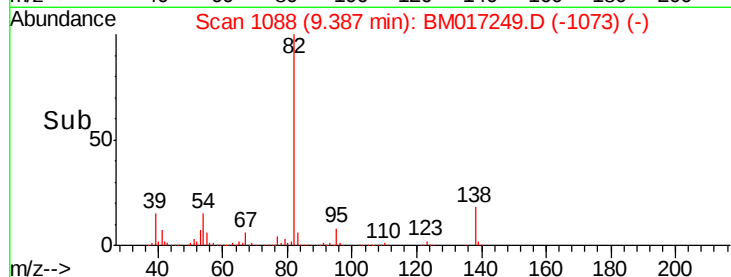
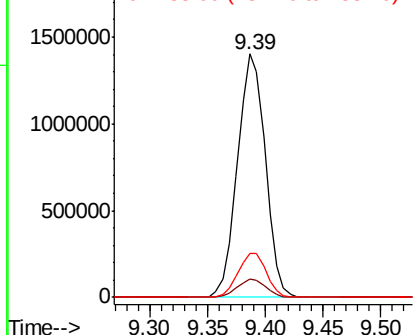
#25
Isophorone
Concen: 48.248 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 2349658
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 18.1 15.4 23.2

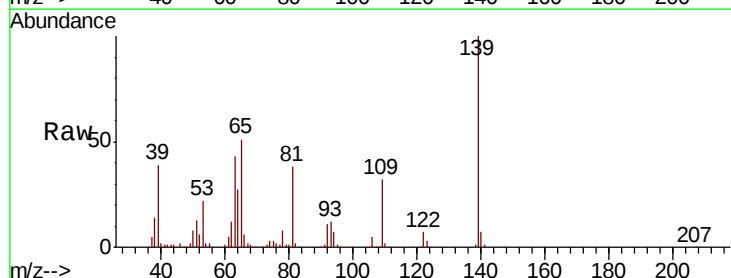


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

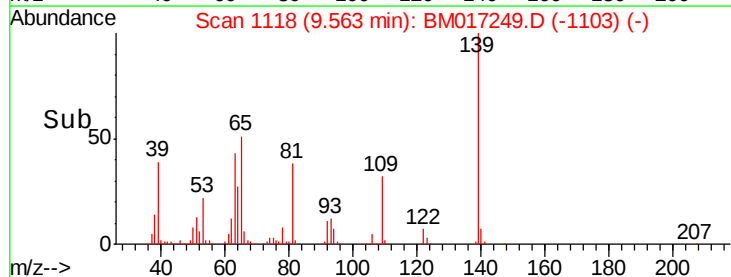
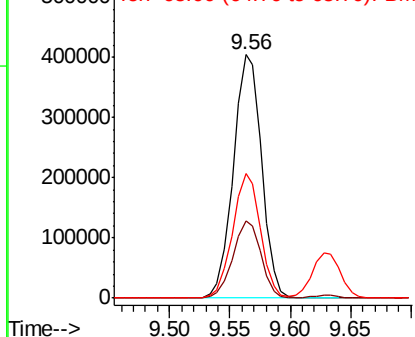


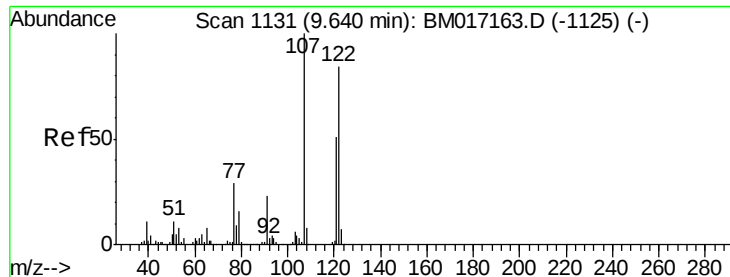
#26
2-Nitrophenol
Concen: 45.486 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion: 139 Resp: 659138
Ion Ratio Lower Upper
139 100
109 31.8 23.2 34.8
65 51.3 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

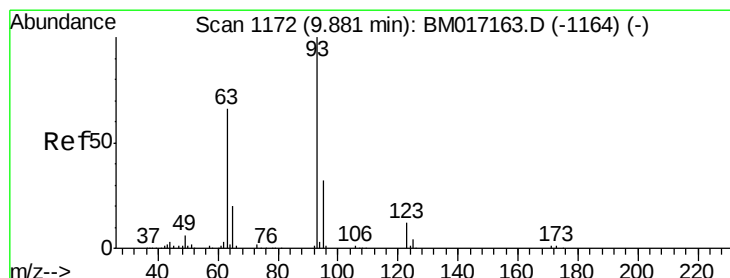
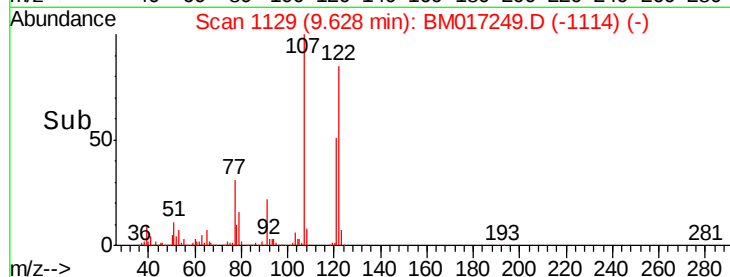
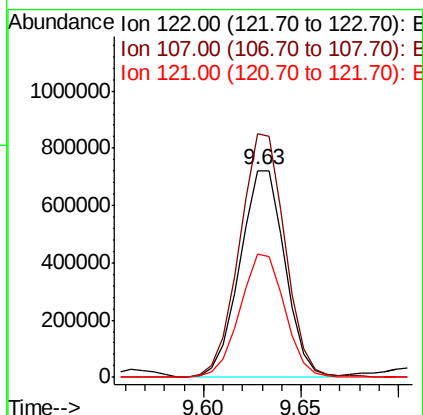
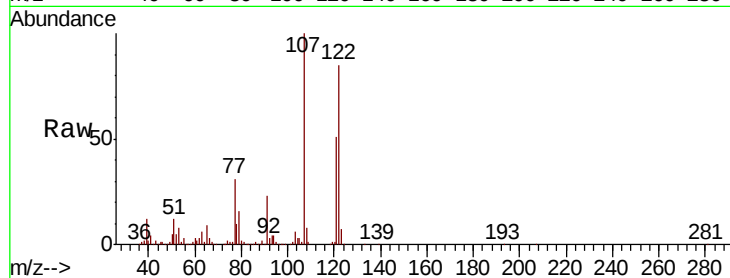




#27
 2,4-Dimethylphenol
 Concen: 53.563 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

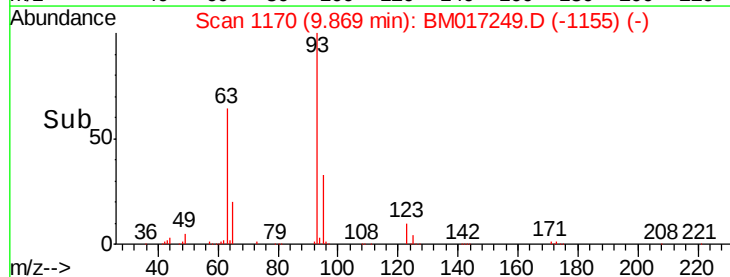
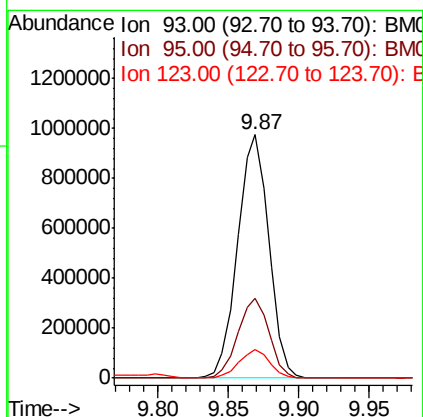
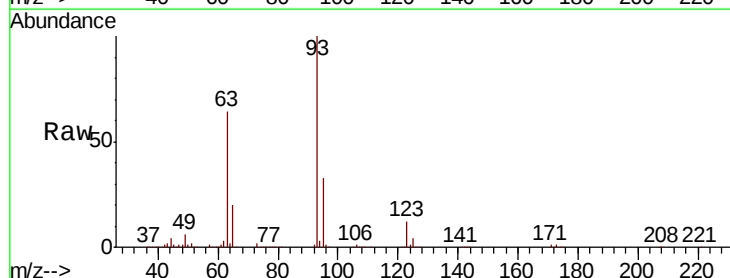
Instrument :
 BNA_M
 ClientSampled :

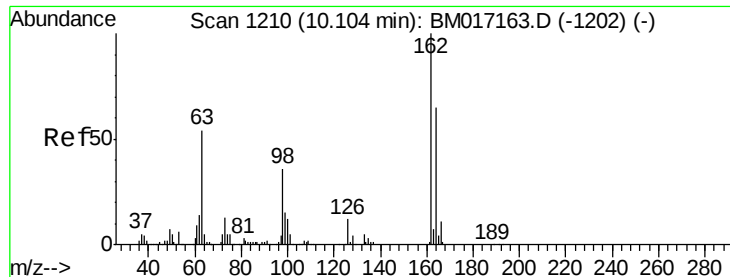
Tot Ion:122 Resp: 1153421
 Ion Ratio Lower Upper
 122 100
 107 117.6 95.0 142.6
 121 59.6 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.050 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion: 93 Resp: 1509891
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.7 38.5
 123 11.5 9.4 14.0

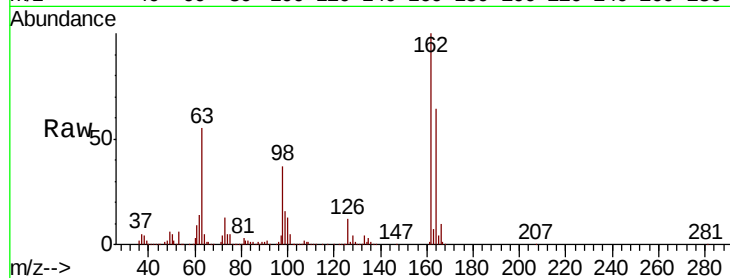




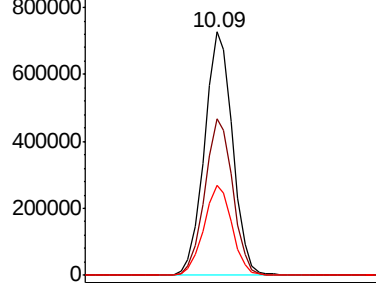
#29
2,4-Dichlorophenol
Concen: 47.220 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :

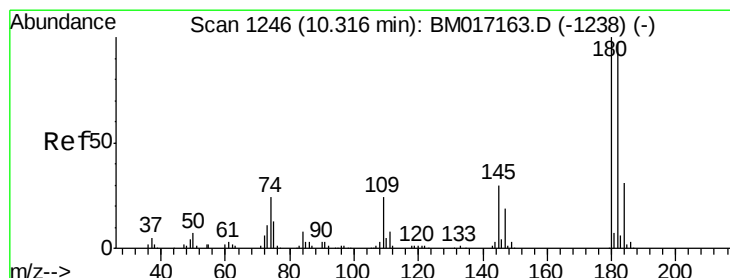
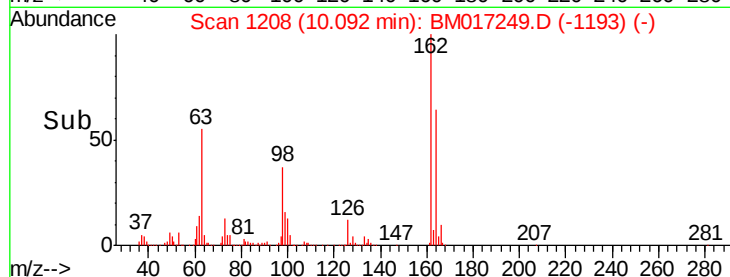
Tot Ion:162 Resp: 1180610
Ion Ratio Lower Upper
162 100
164 64.4 44.9 84.9
98 36.8 15.8 55.8



Abundance Ion 162.00 (161.70 to 162.70): E
1000000 Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

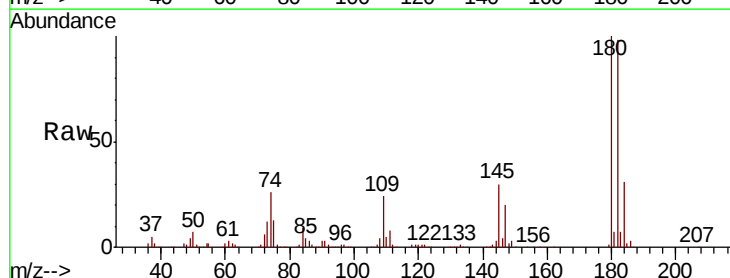


Time--> 10.00 10.10 10.20

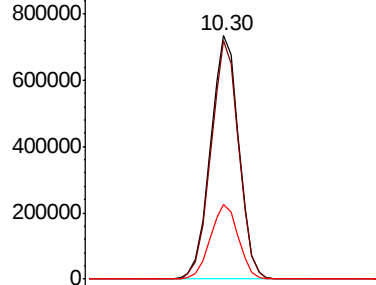


#30
1,2,4-Trichlorobenzene
Concen: 39.871 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

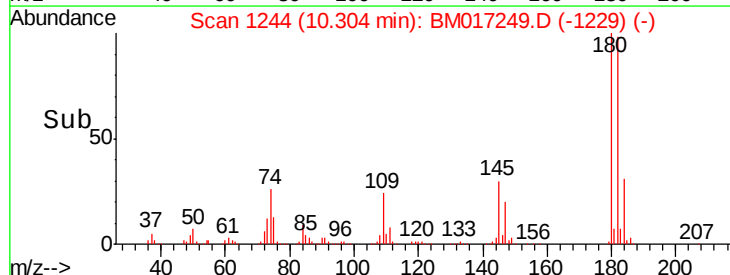
Tgt Ion:180 Resp: 1195870
Ion Ratio Lower Upper
180 100
182 97.9 77.5 116.3
145 30.4 24.0 36.0

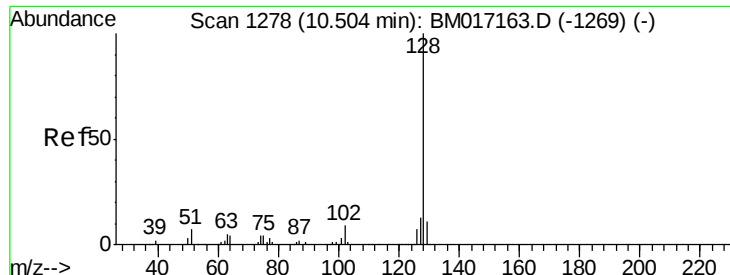


Abundance Ion 180.00 (179.70 to 180.70): E
1000000 Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



Time--> 10.20 10.30 10.40

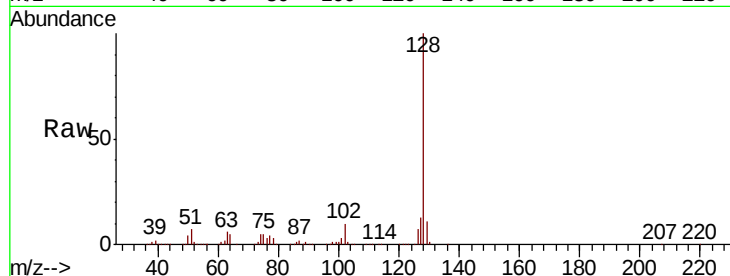




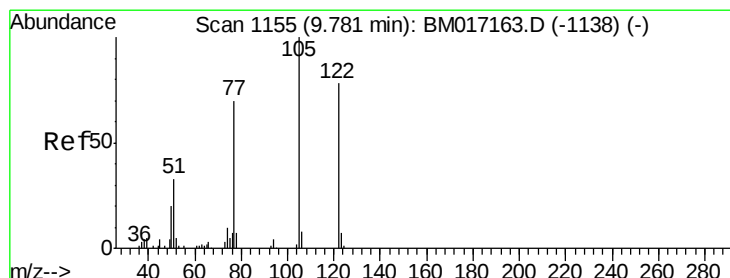
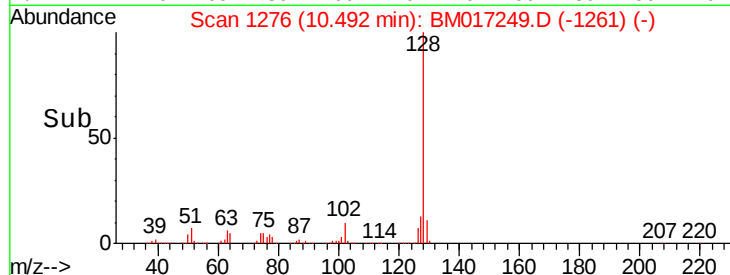
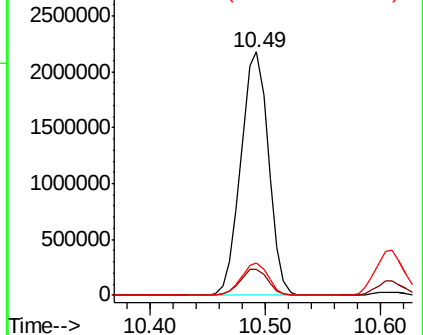
#31
Naphthalene
Concen: 43.002 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 3634834
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.1 10.3 15.5

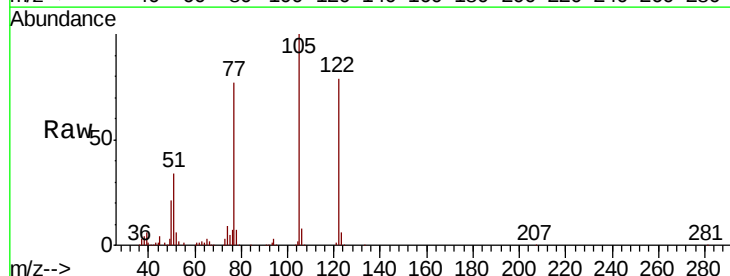


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

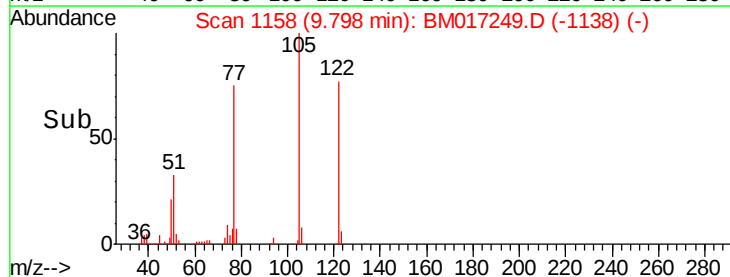
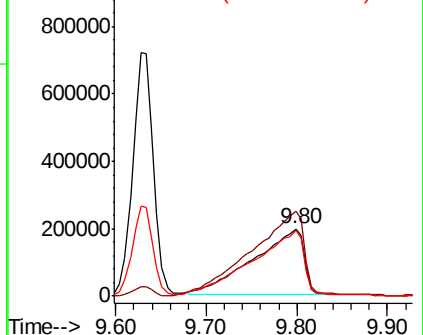


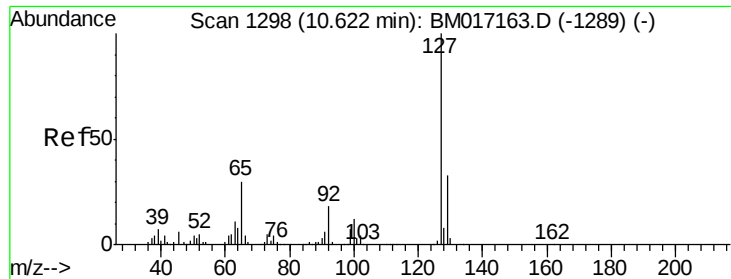
#32
Benzoic acid
Concen: 46.754 ng
RT: 9.80 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:122 Resp: 751218
Ion Ratio Lower Upper
122 100
105 127.4 102.0 142.0
77 97.9 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

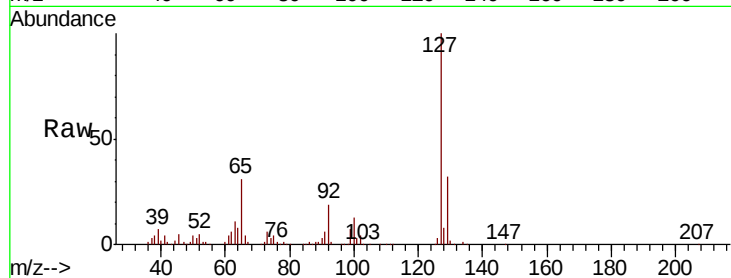




#33
4-Chloroaniline
Concen: 19.799 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	722807
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	30.5	23.7	35.5
92	19.4	14.3	21.5



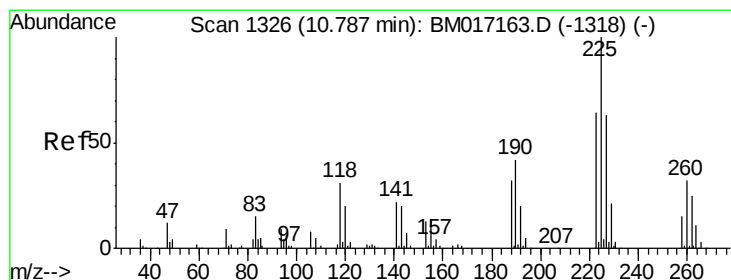
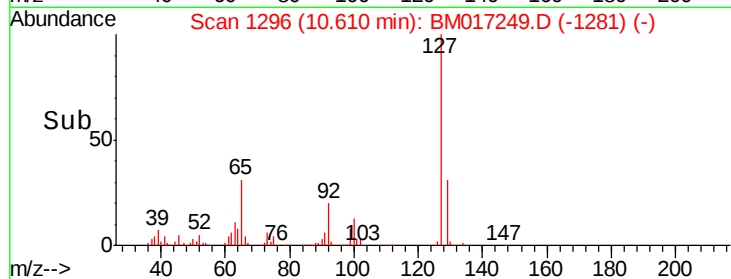
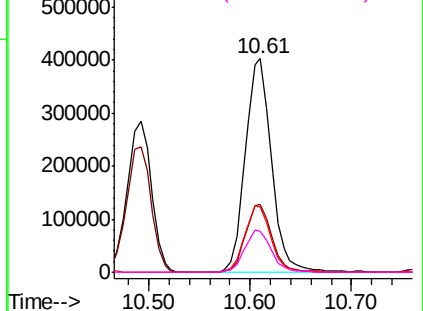
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

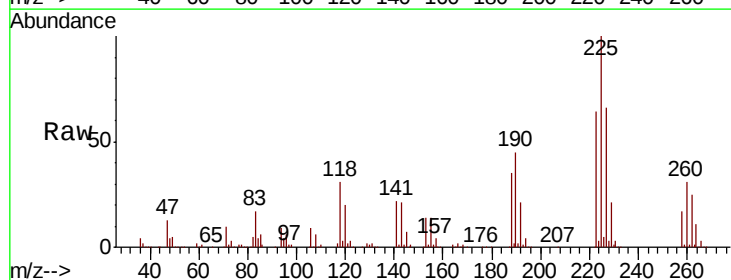
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 38.374 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:	225	Resp:	729276
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.6
227	65.6	50.8	76.2

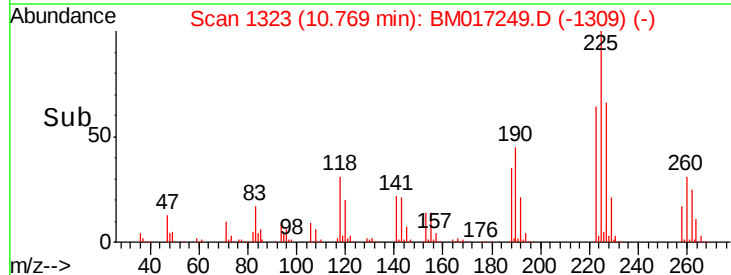
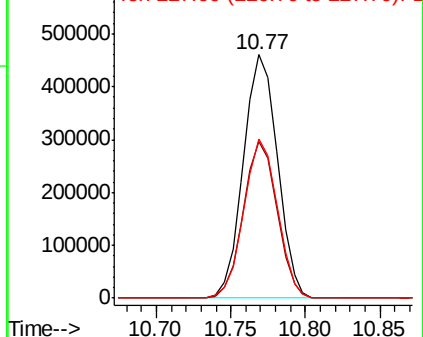


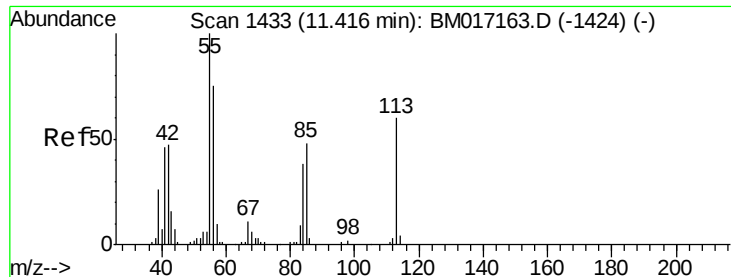
Abundance

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

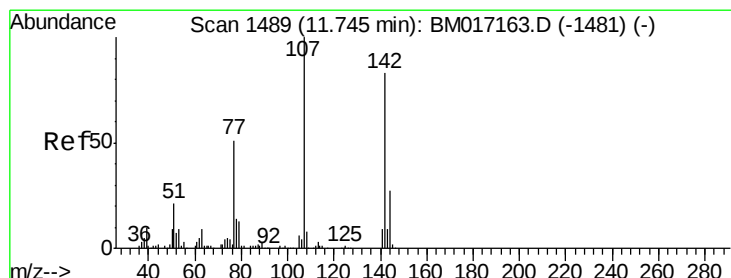
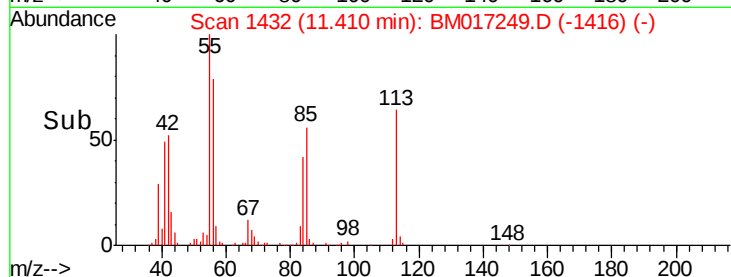
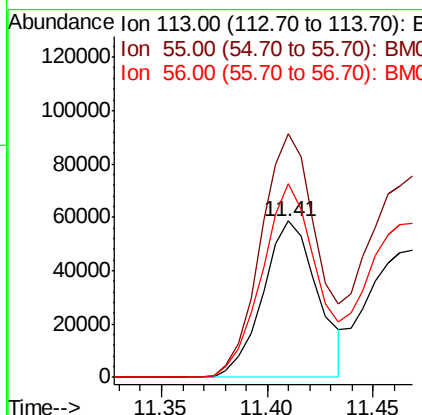
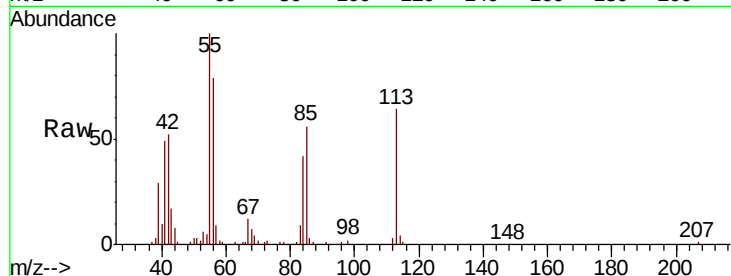




#35
 Caprolactam
 Concen: 11.601 ng
 RT: 11.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

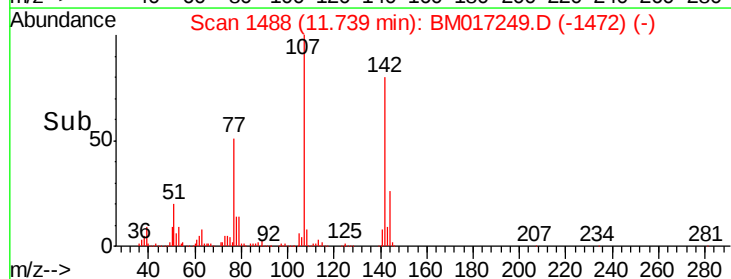
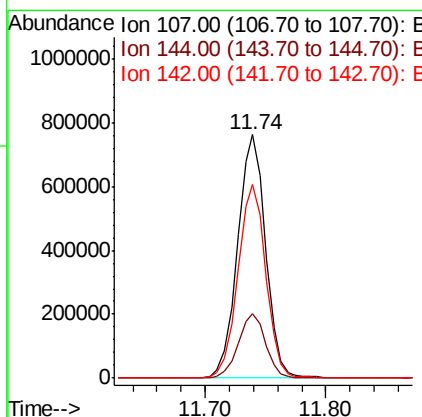
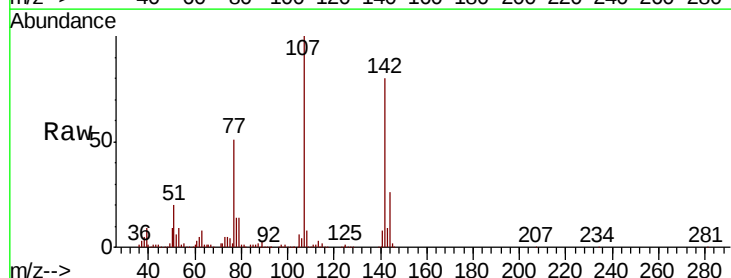
Instrument :
 BNA_M
 ClientSampleId :

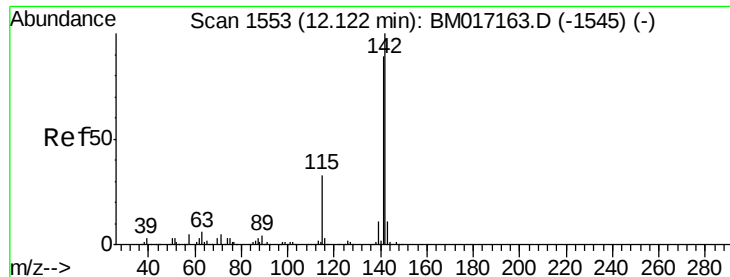
Tot Ion:113 Resp: 105703
 Ion Ratio Lower Upper
 113 100
 55 155.8 147.0 187.0
 56 123.8 104.5 144.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.675 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:107 Resp: 1230879
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.6 32.4
 142 79.7 66.0 99.0

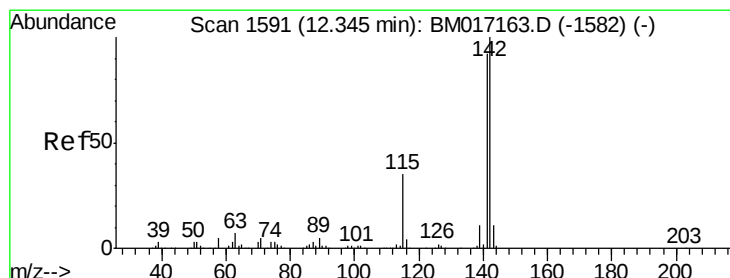
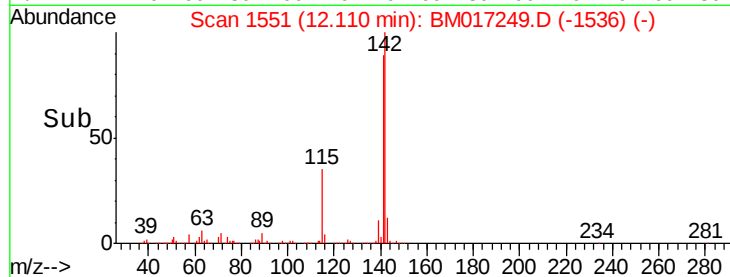
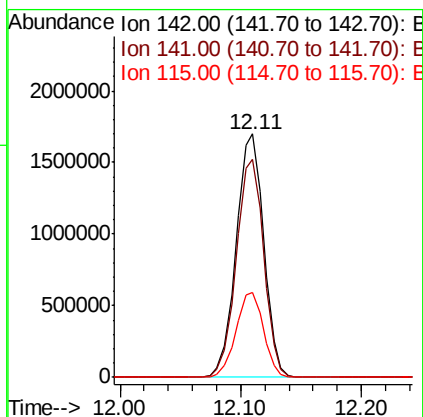
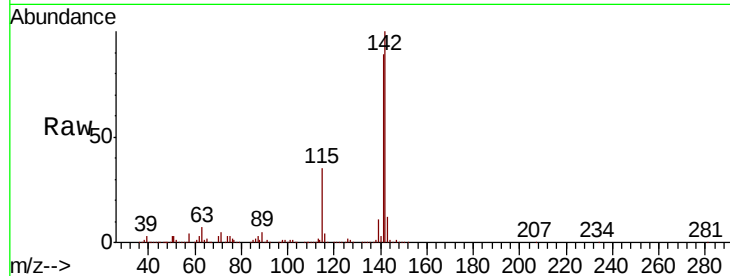




#37
2-Methylnaphthalene
Concen: 46.698 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

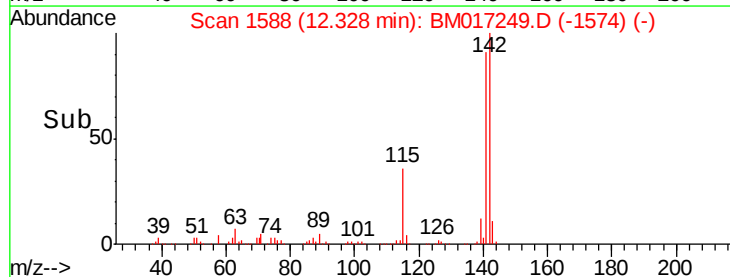
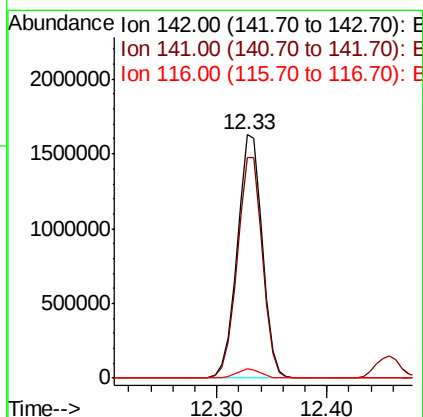
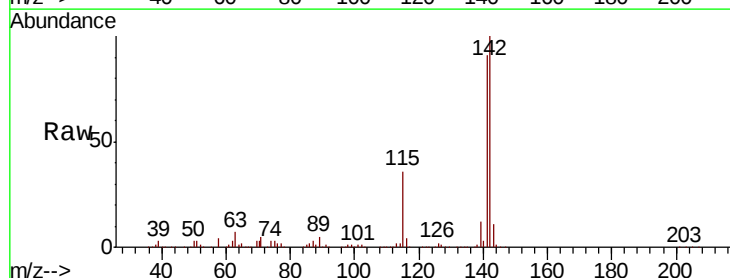
Instrument :
BNA_M
ClientSampleId :

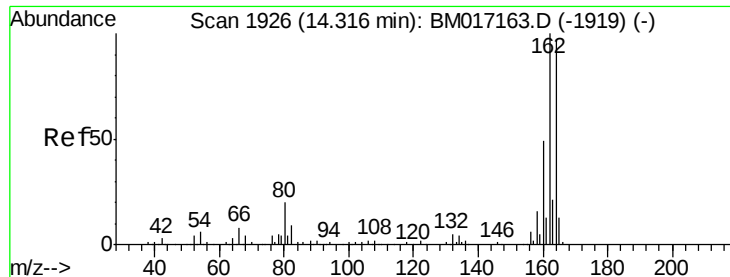
Tot Ion:142 Resp: 2701111
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3
115 34.7 26.4 39.6



#38
1-Methylnaphthalene
Concen: 45.913 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:142 Resp: 2584776
Ion Ratio Lower Upper
142 100
141 90.7 73.8 110.6
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

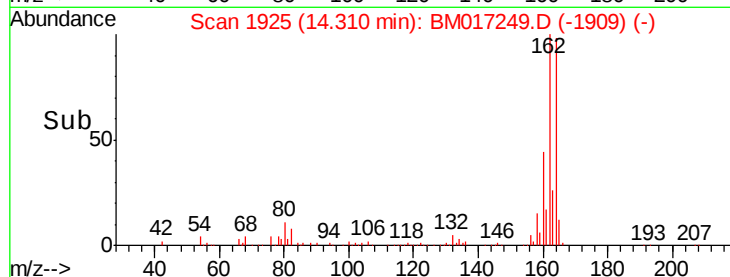
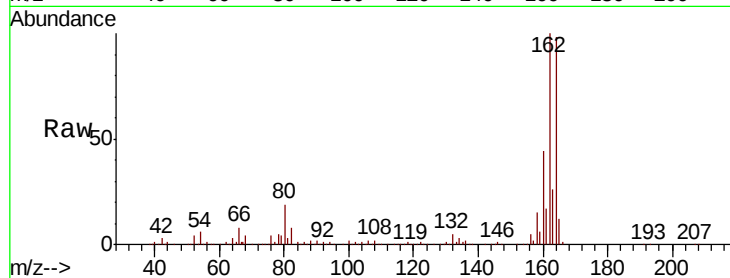
Tot Ion:164 Resp: 990724

Ion Ratio Lower Upper

164 100

162 102.0 82.1 123.1

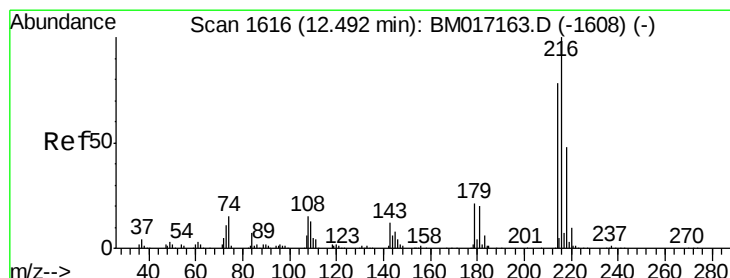
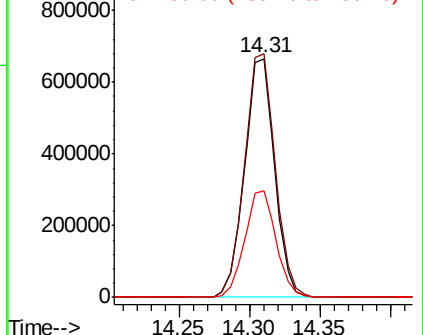
160 44.6 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.007 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion:216 Resp: 1395850

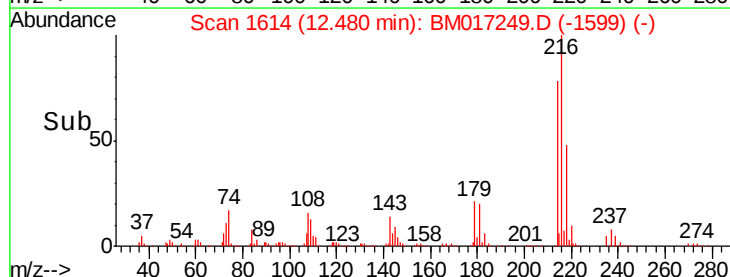
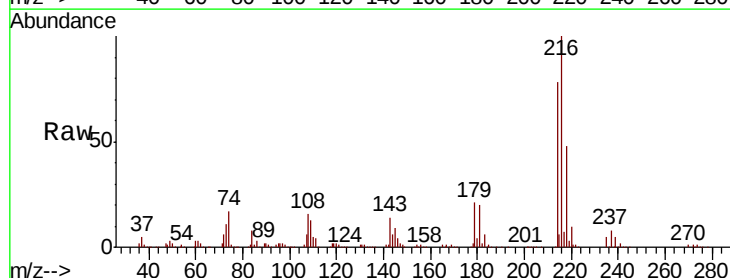
Ion Ratio Lower Upper

216 100

214 78.5 62.6 93.8

179 21.1 16.6 24.8

108 20.0 13.5 20.3

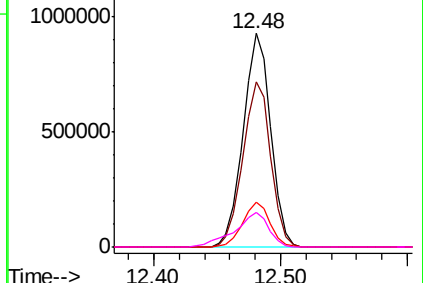


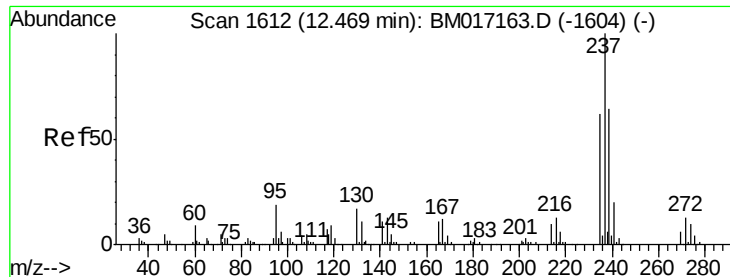
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 121.697 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

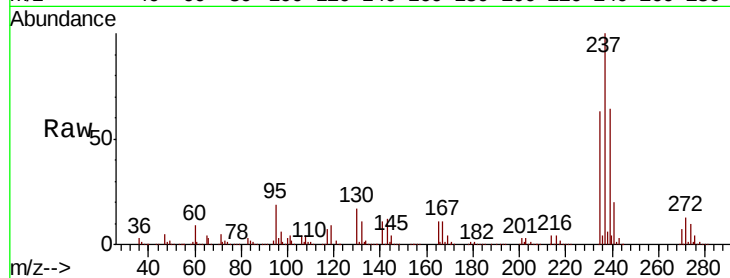
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 2052658

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.4	82.4
272	12.8	0.0	33.0

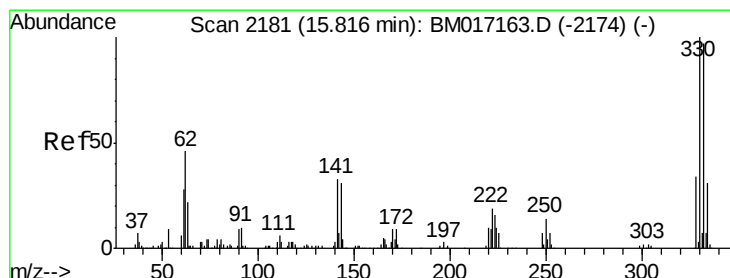
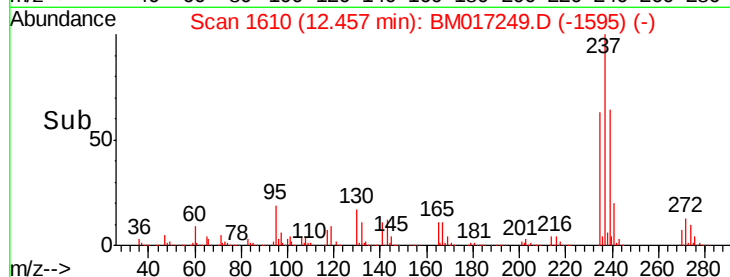
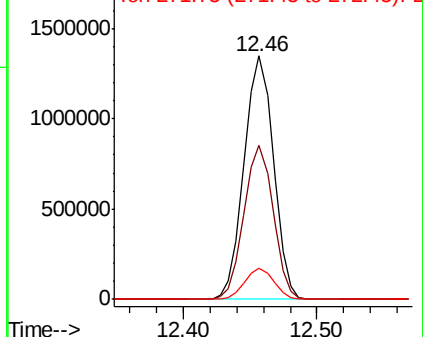


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.698 ng

RT: 15.81 min Scan# 2180

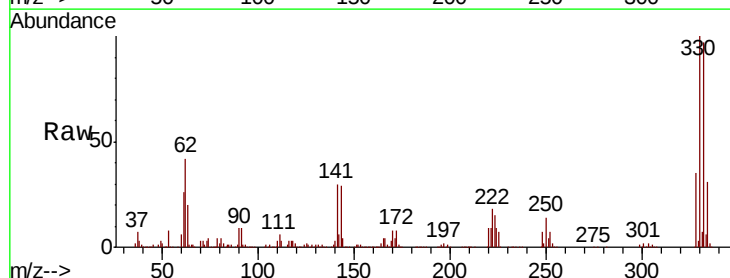
Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion:330 Resp: 1885089

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	33.4	27.4	41.0

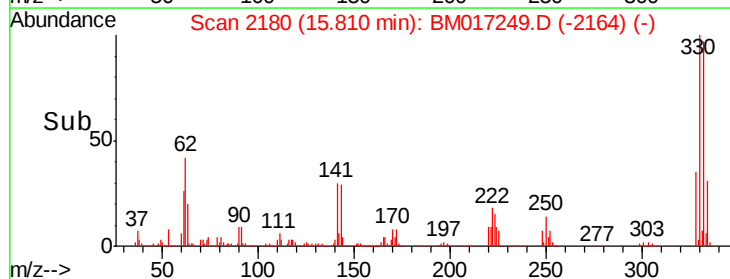
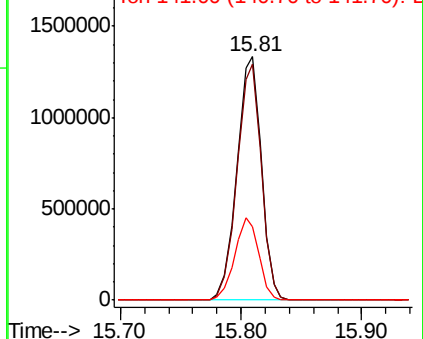


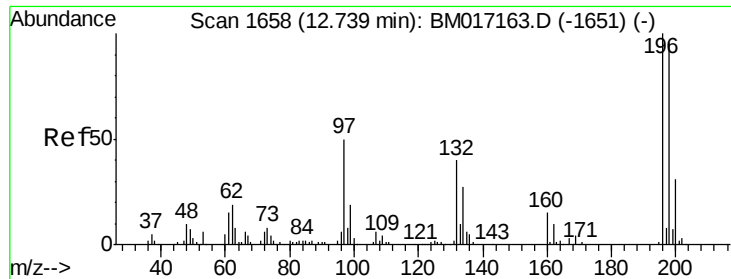
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

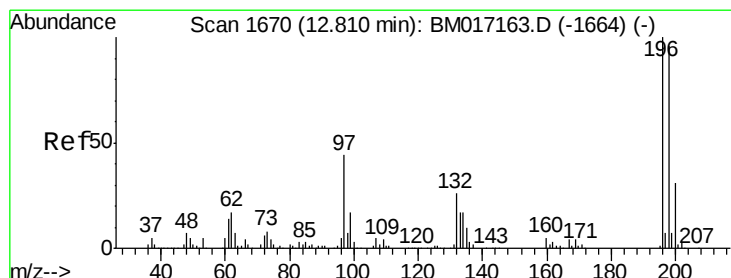
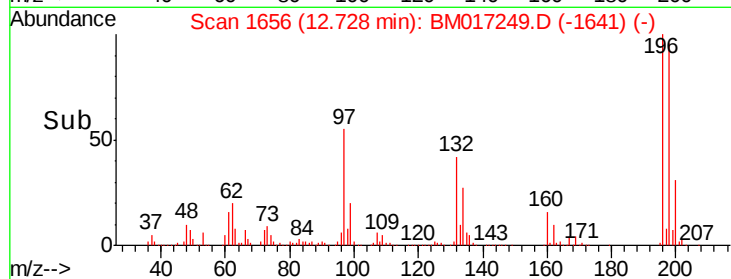
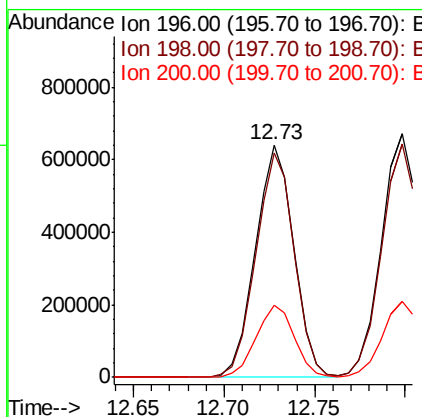
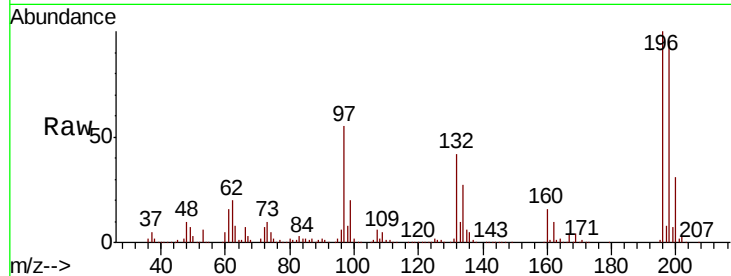




#43
 2,4,6-Trichlorophenol
 Concen: 46.426 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

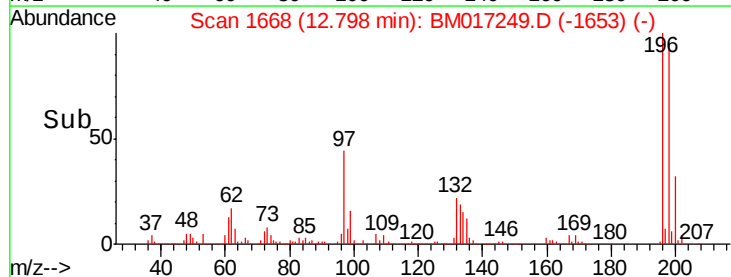
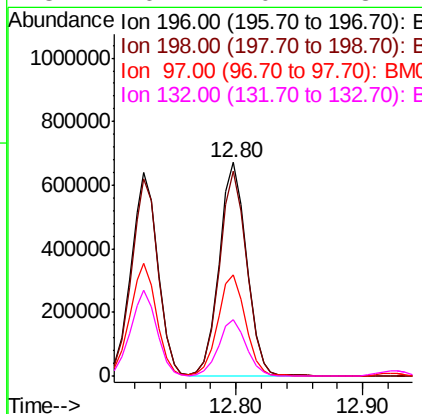
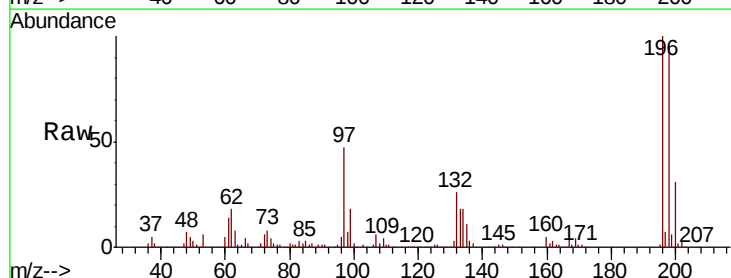
Instrument :
 BNA_M
 ClientSampleId :

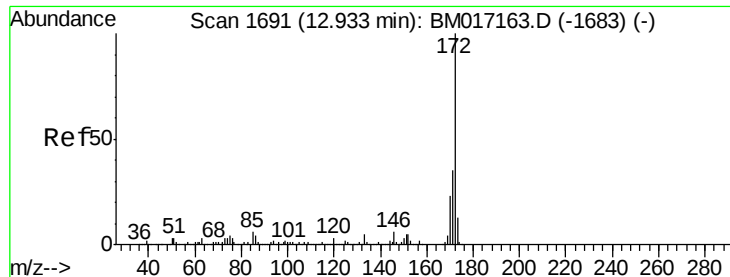
Tot Ion:196 Resp: 940298
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.1 115.7
 200 30.9 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.208 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:196 Resp: 1003580
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.6 115.0
 97 47.4 35.5 53.3
 132 26.4 20.7 31.1



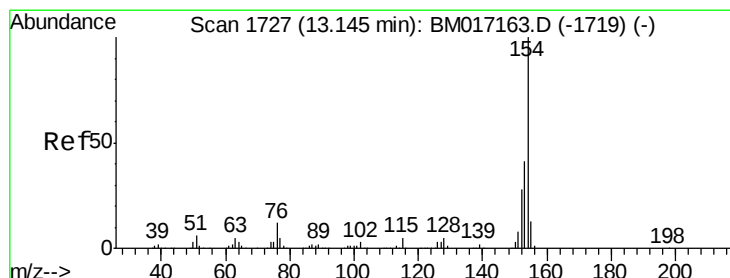
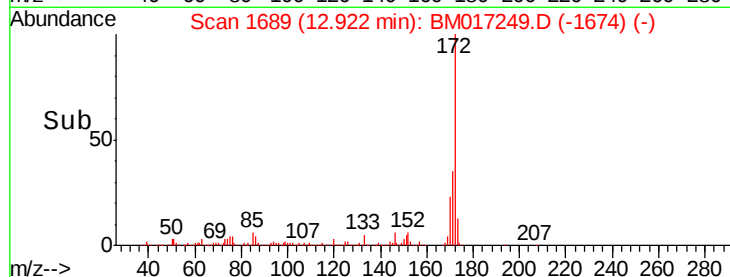
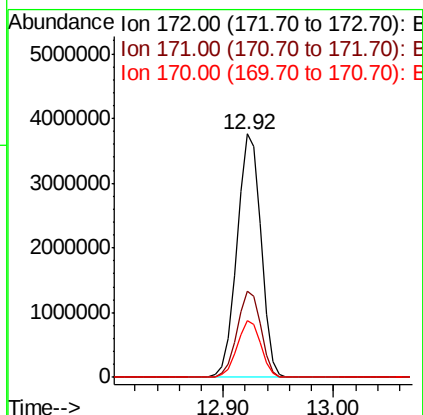
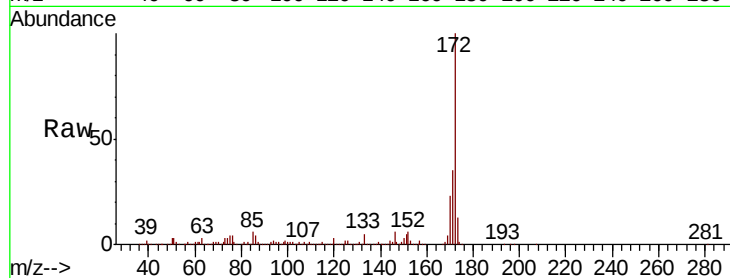


#45
 2-Fluorobiphenyl
 Concen: 76.990 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 5732705

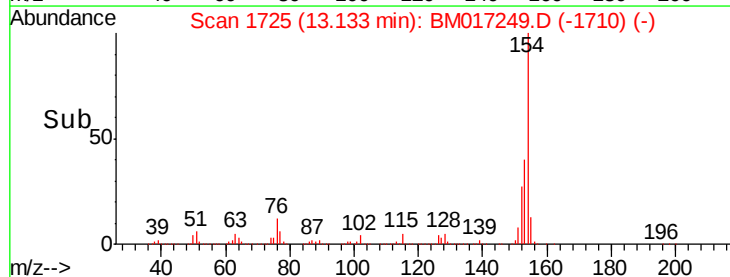
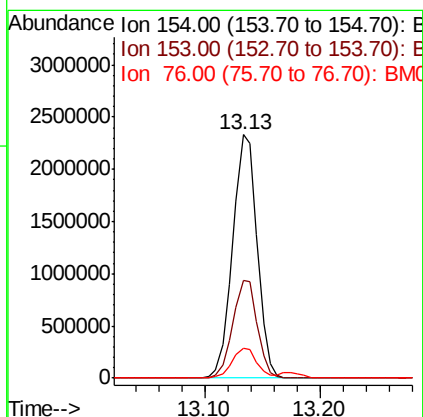
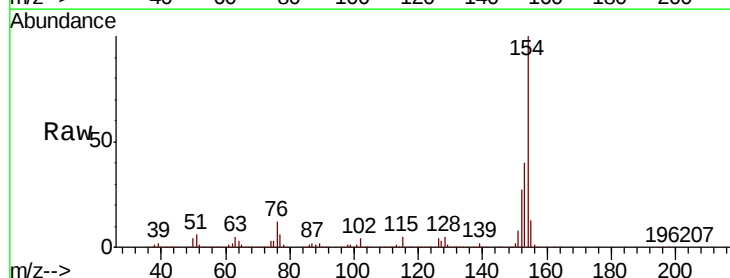
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.3	18.3	27.5

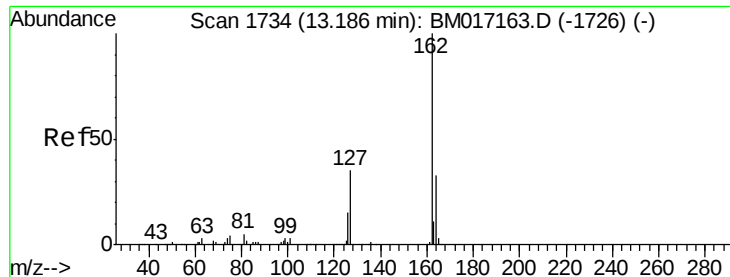


#46
 1,1'-Biphenyl
 Concen: 38.285 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:154 Resp: 3413340

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	12.4	0.0	31.8

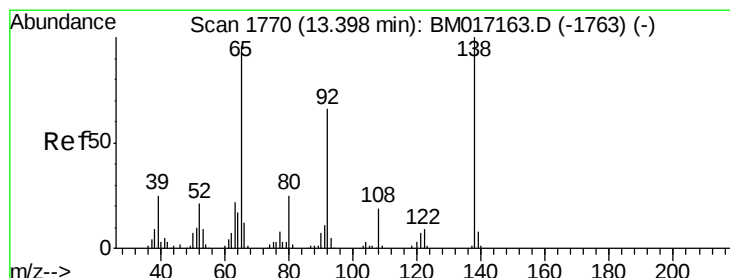
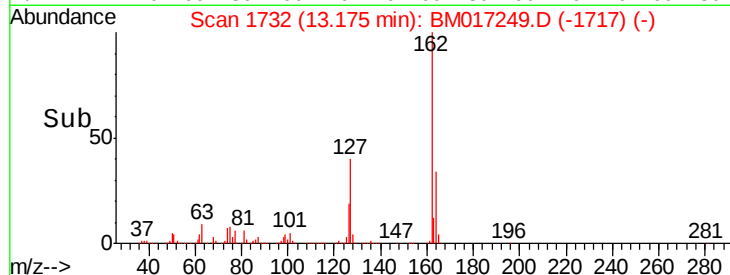
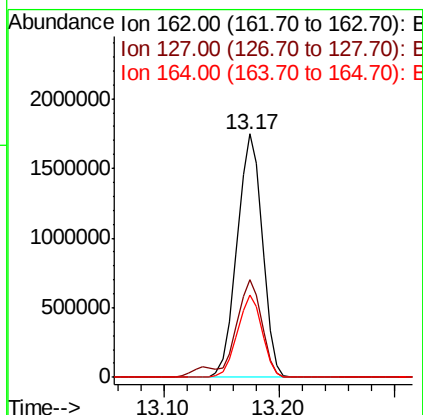
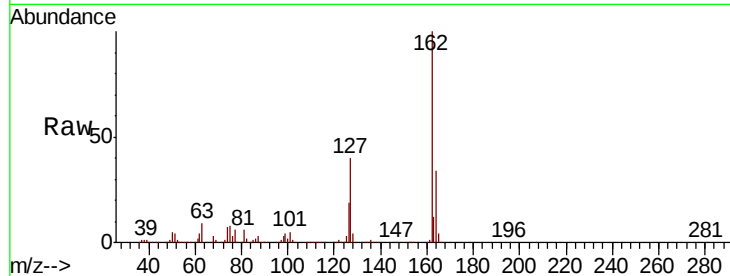




#47
2-Chloronaphthalene
Concen: 40.308 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

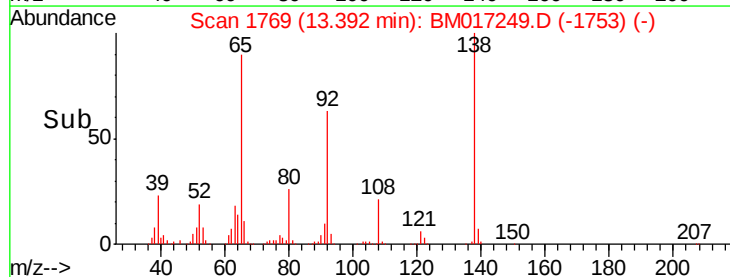
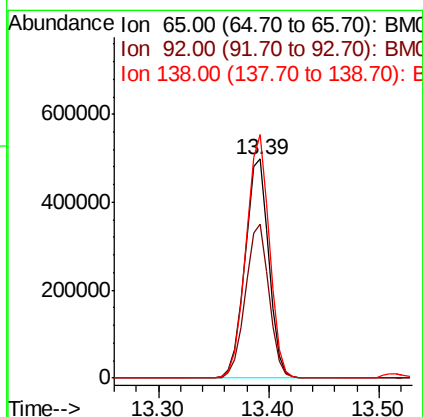
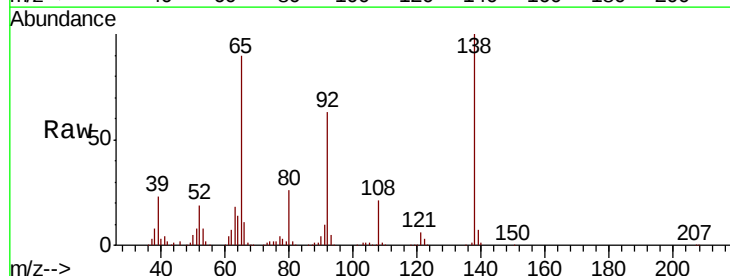
Instrument :
BNA_M
ClientSampleId :

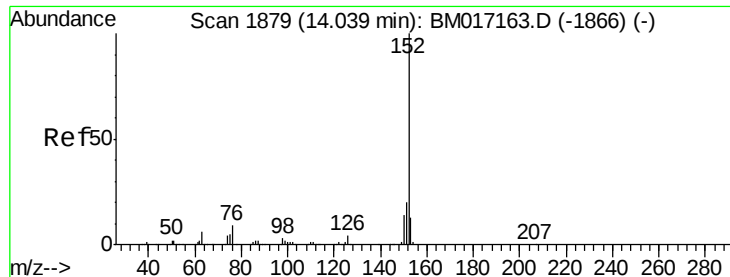
Tot Ion:162 Resp: 2643745
Ion Ratio Lower Upper
162 100
127 40.1 31.0 46.4
164 34.0 26.6 39.8



#48
2-Nitroaniline
Concen: 41.655 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion: 65 Resp: 756067
Ion Ratio Lower Upper
65 100
92 70.2 54.9 82.3
138 111.2 83.7 125.5





#49

Acenaphthylene

Concen: 45.072 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

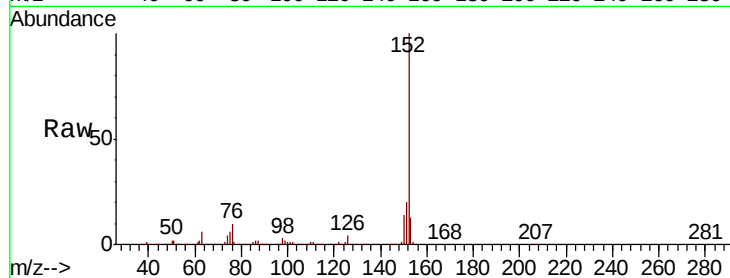
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 4285006

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.2	10.4	15.6

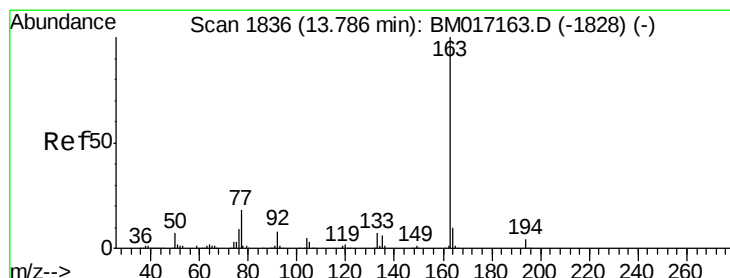
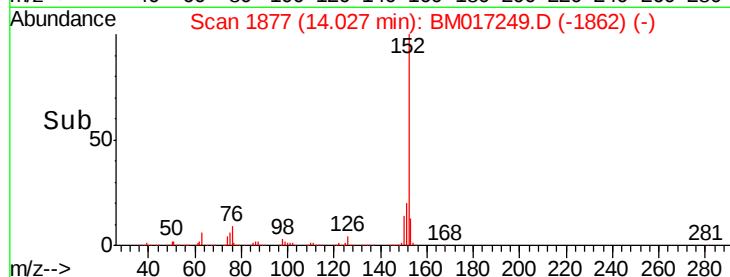
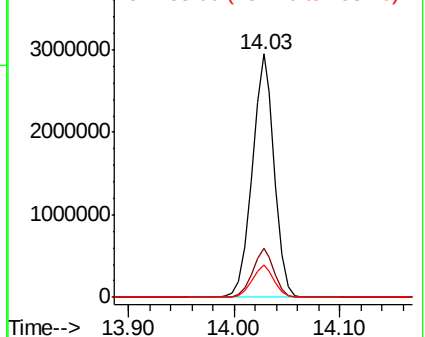


Abundance

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: 41.655 ng

RT: 13.78 min Scan# 1835

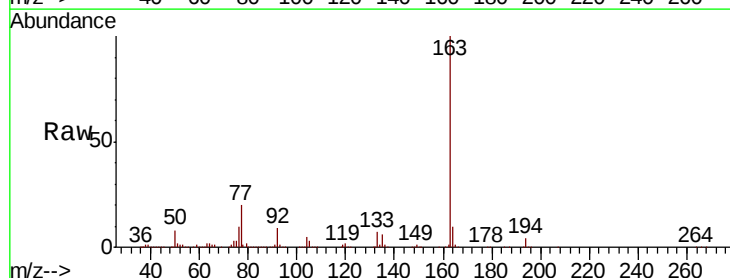
Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion:163 Resp: 3183893

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.7	7.8	11.8

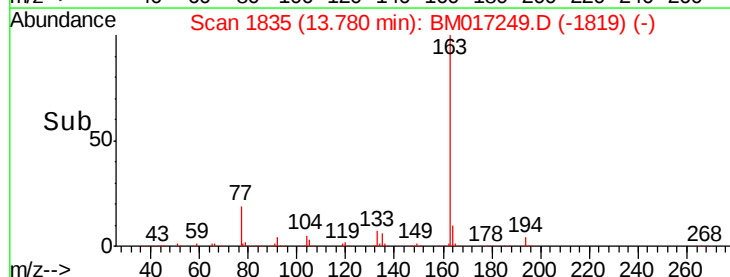
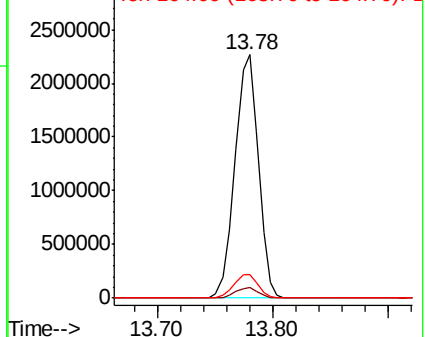


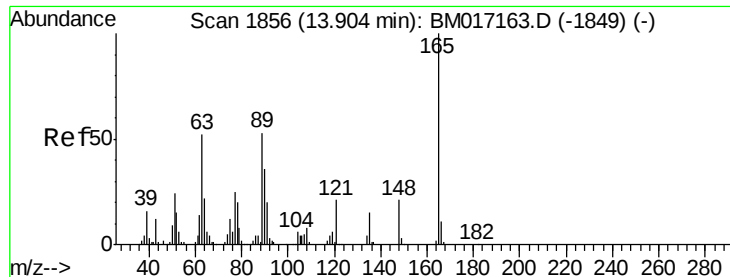
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.738 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

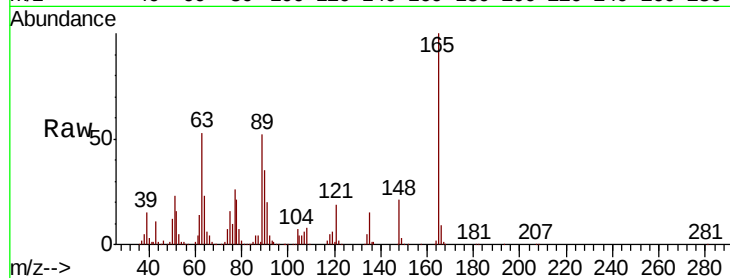
Tot Ion:165 Resp: 718988

Ion Ratio Lower Upper

165 100

63 53.2 42.7 64.1

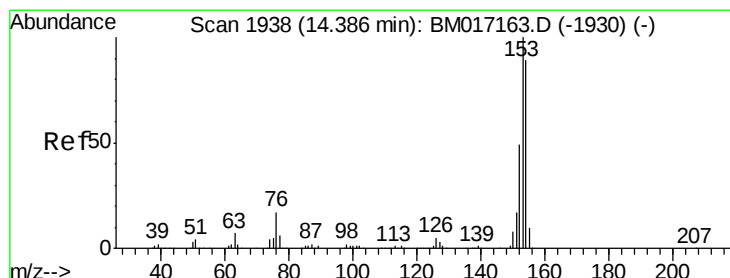
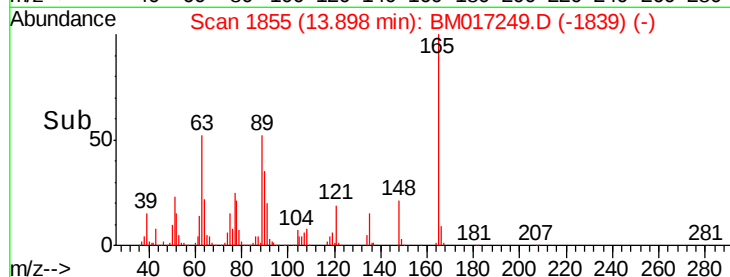
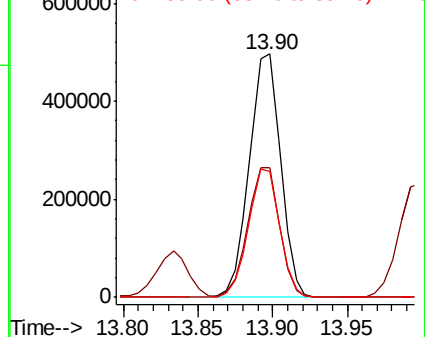
89 51.7 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 41.301 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

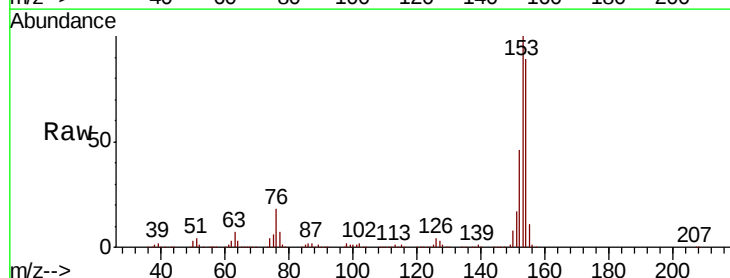
Tgt Ion:154 Resp: 2465336

Ion Ratio Lower Upper

154 100

153 112.5 90.2 135.2

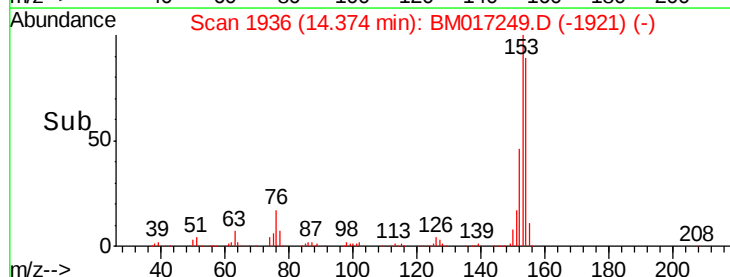
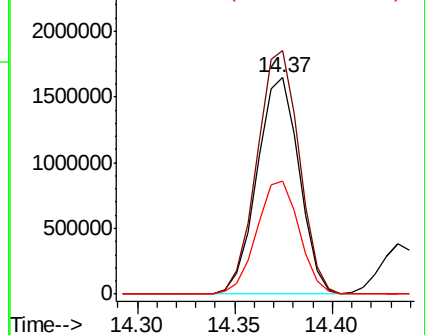
152 52.0 44.2 66.4

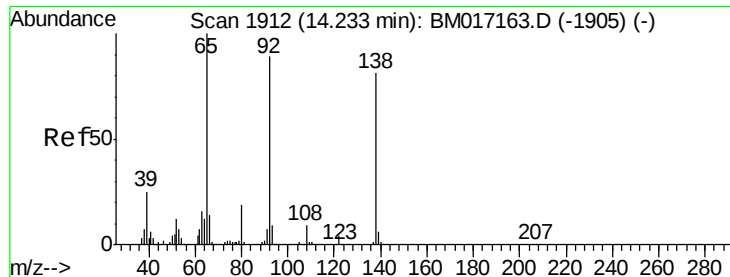


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

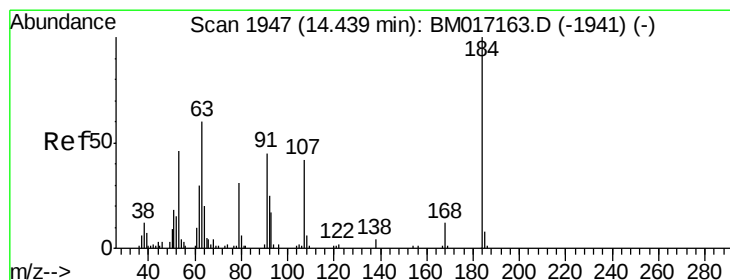
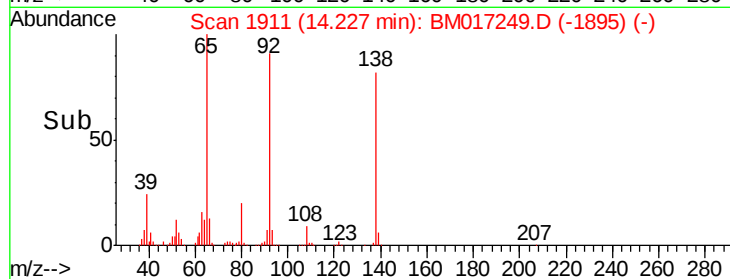
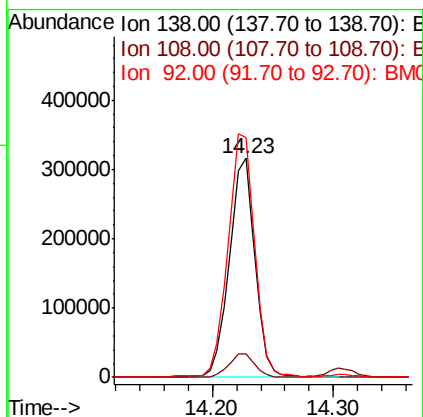
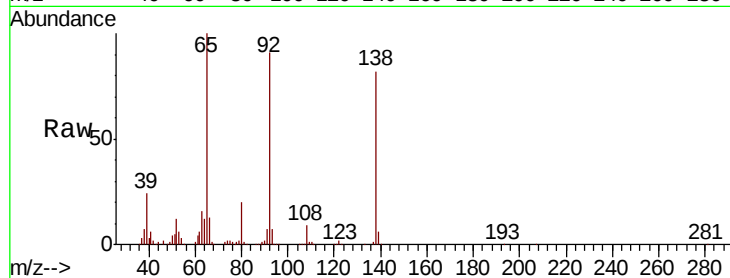




#53
3-Nitroaniline
Concen: 25.761 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

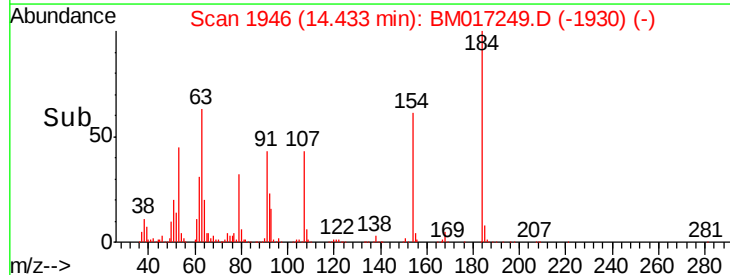
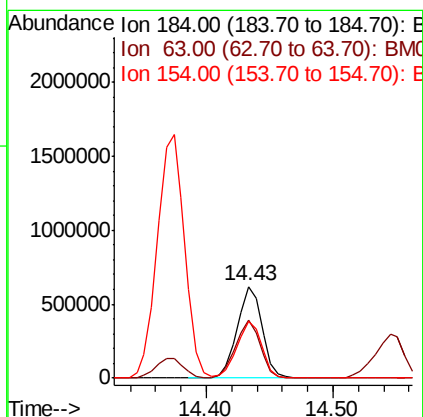
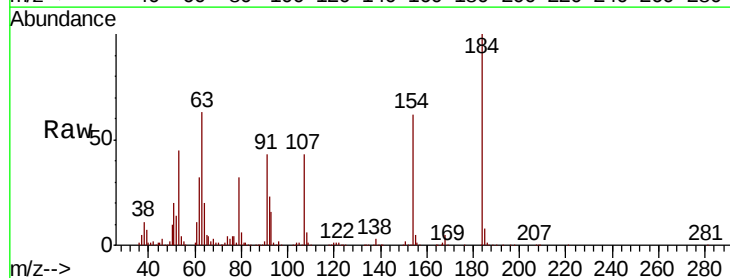
Instrument :
BNA_M
ClientSampleId :

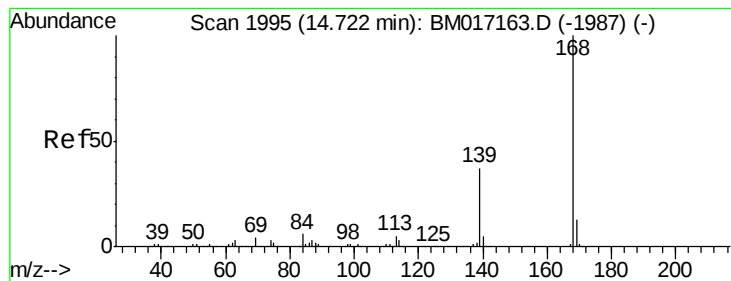
Tot Ion:138 Resp: 469373
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 109.9 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 84.605 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:184 Resp: 840198
Ion Ratio Lower Upper
184 100
63 62.8 51.2 76.8
154 62.1 47.8 71.8





#55

Dibenzofuran

Concen: 39.609 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

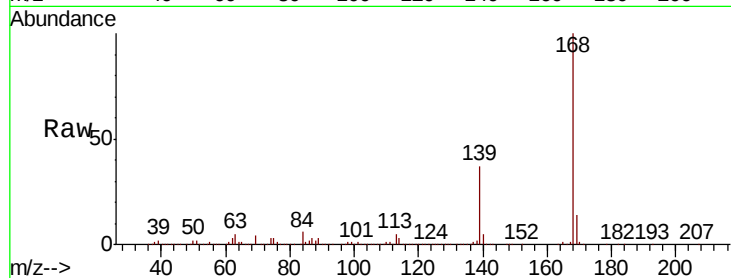
Tot Ion:168 Resp: 3931833

Ion Ratio Lower Upper

168 100

139 37.3 29.3 43.9

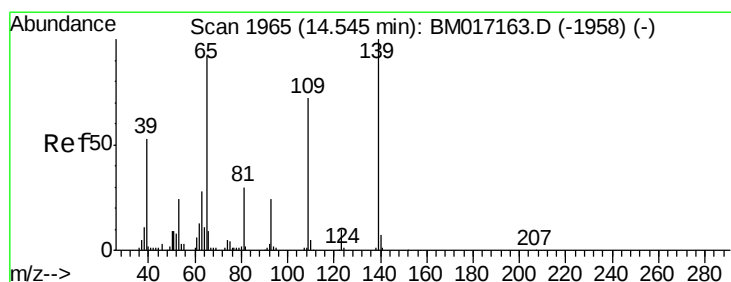
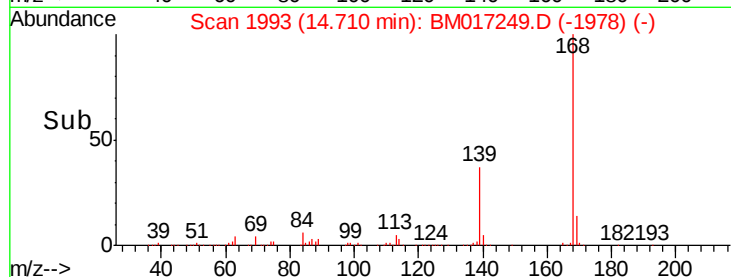
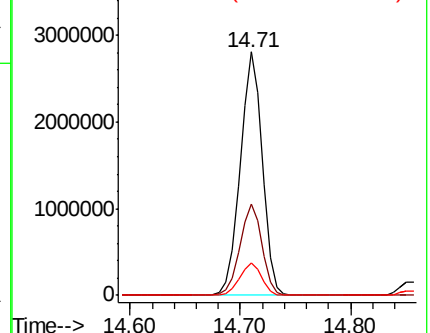
169 13.6 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 98.509 ng

RT: 14.55 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

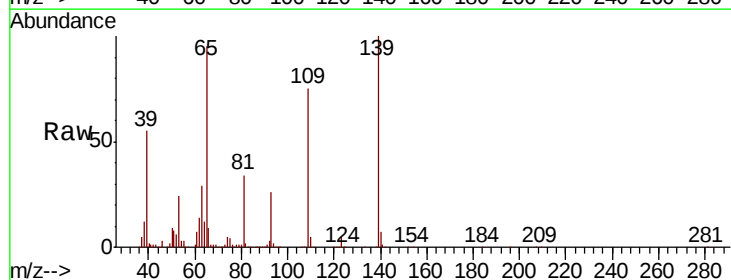
Tgt Ion:139 Resp: 1655062

Ion Ratio Lower Upper

139 100

109 75.5 51.8 91.8

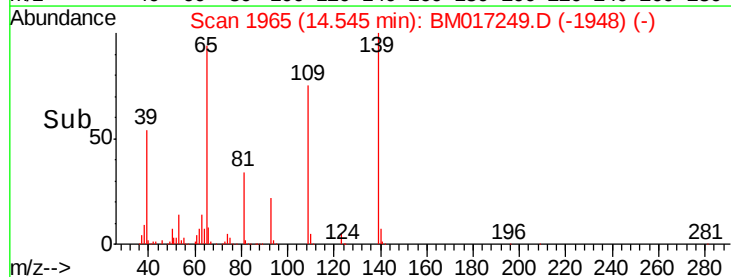
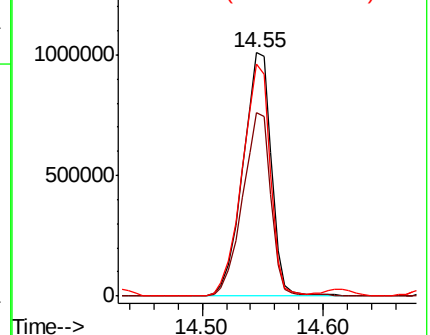
65 95.5 72.1 112.1

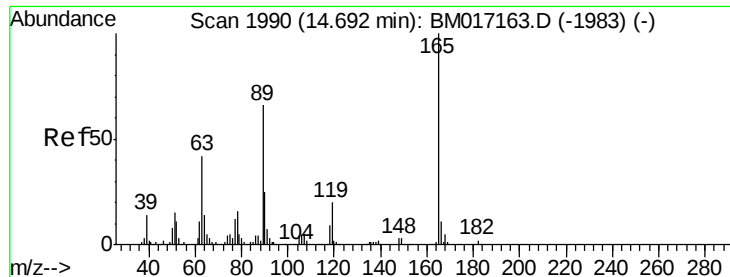


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

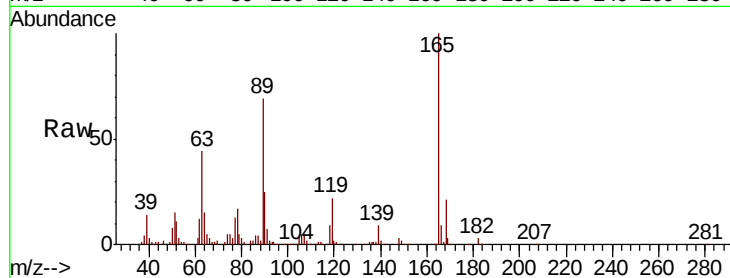




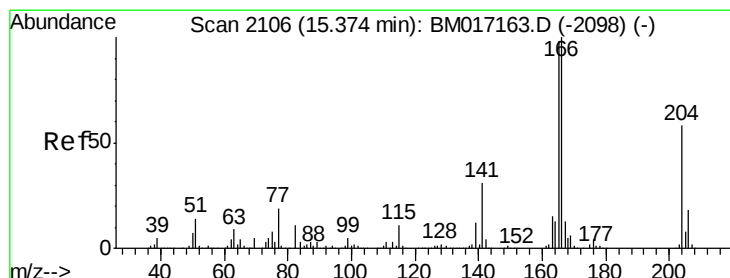
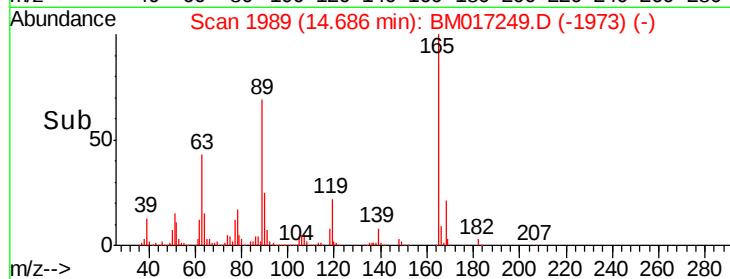
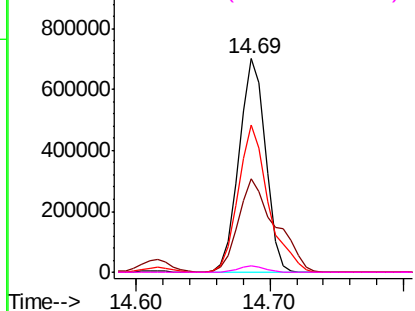
#57
2,4-Dinitrotoluene
Concen: 42.589 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampled :

Tot Ion:165 Resp: 962966
Ion Ratio Lower Upper
165 100
63 43.7 33.8 50.8
89 68.8 53.1 79.7
182 2.9 2.0 3.0

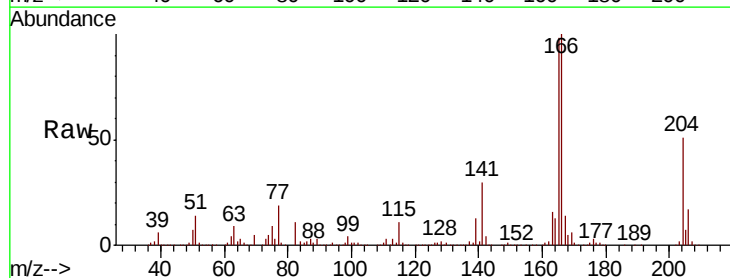


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

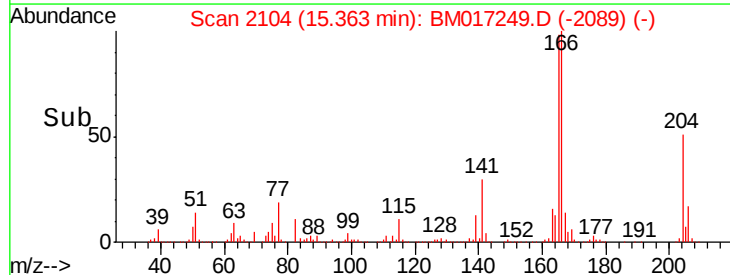
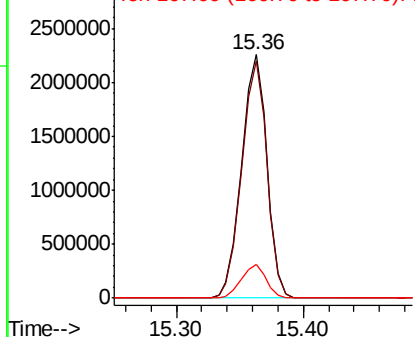


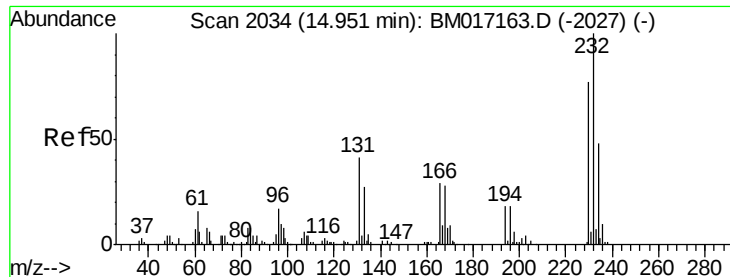
#58
Fluorene
Concen: 42.508 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:166 Resp: 3123256
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.7 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

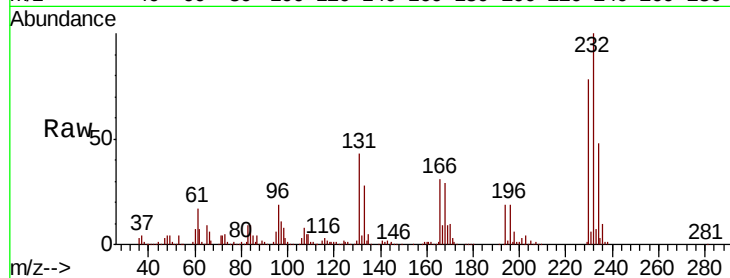




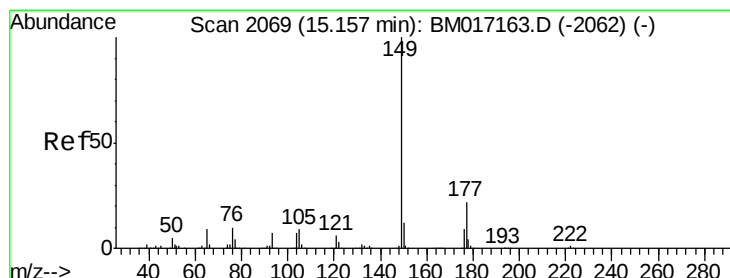
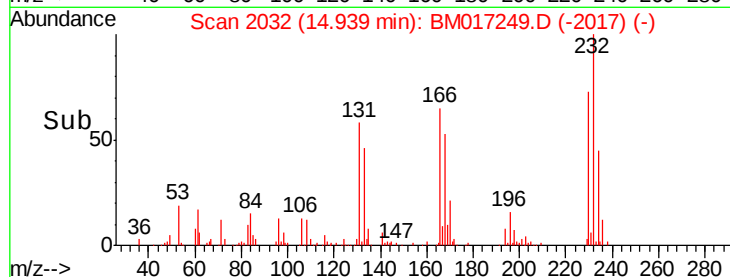
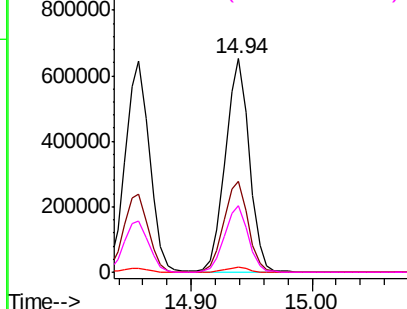
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.996 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	33.1	49.7
130	2.2	1.7	2.5
166	31.0	24.4	36.6

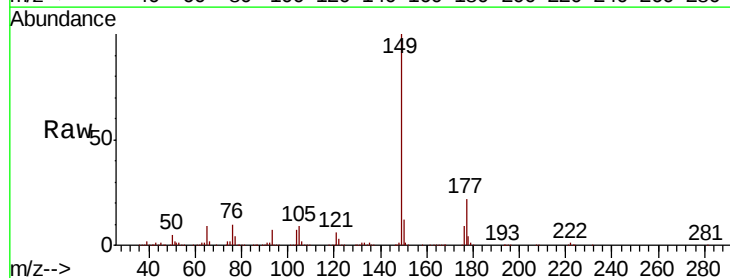


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

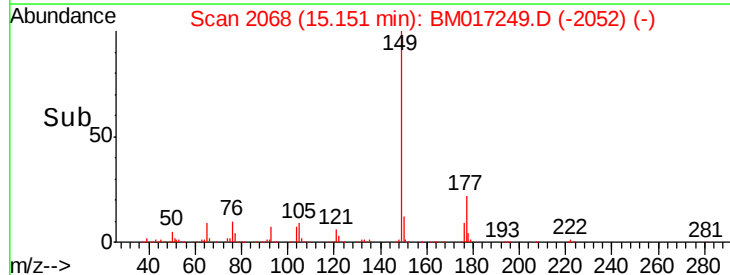
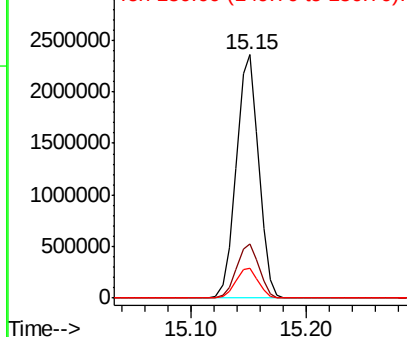


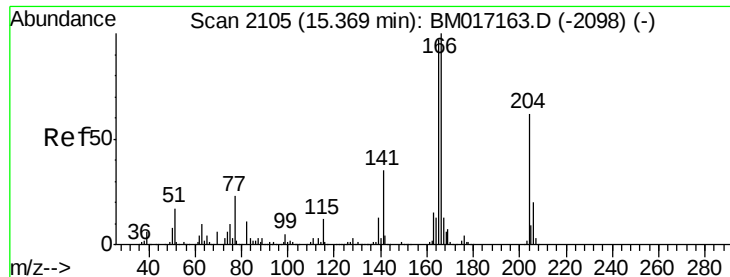
#60
 Diethylphthalate
 Concen: 41.594 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.5	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

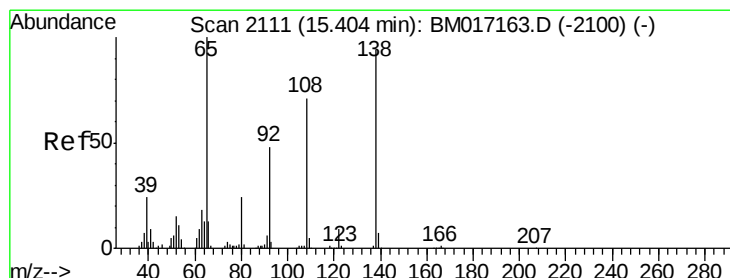
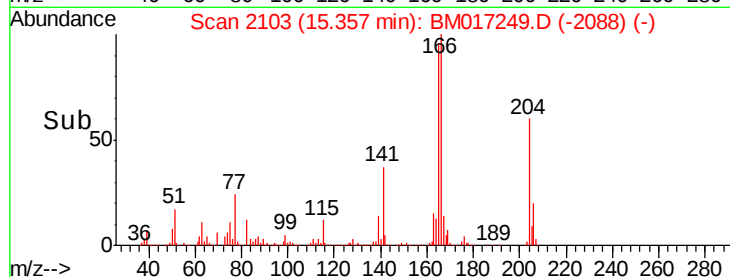
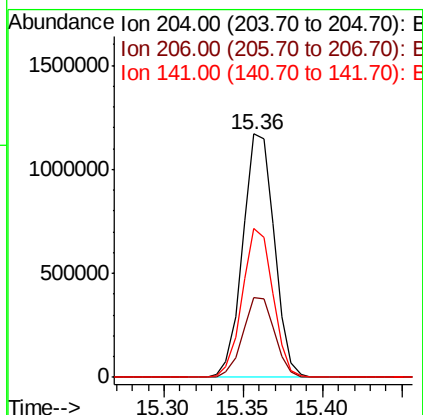
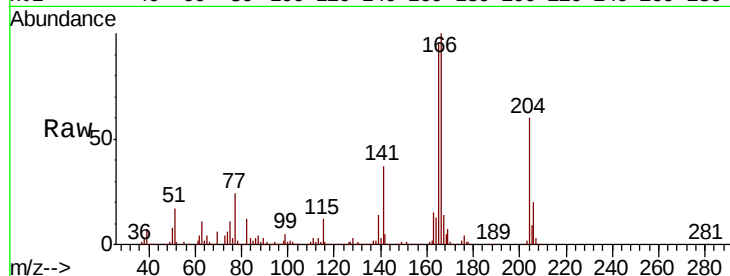




#61
 4-Chlorophenyl-phenylether
 Concen: 38.465 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

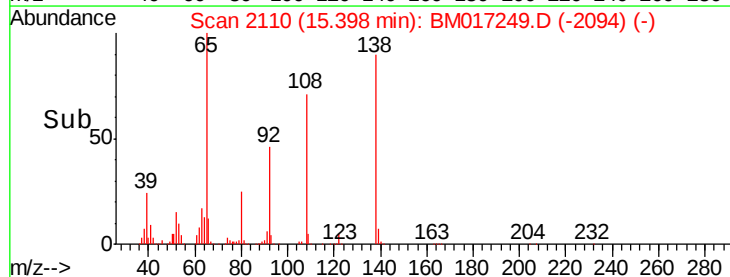
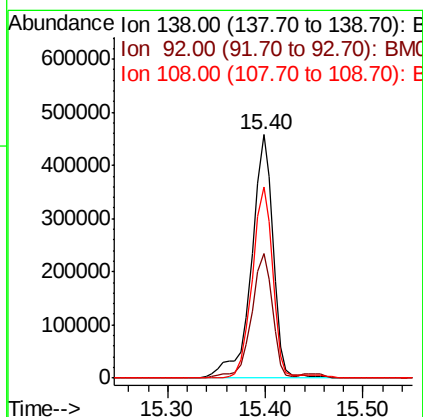
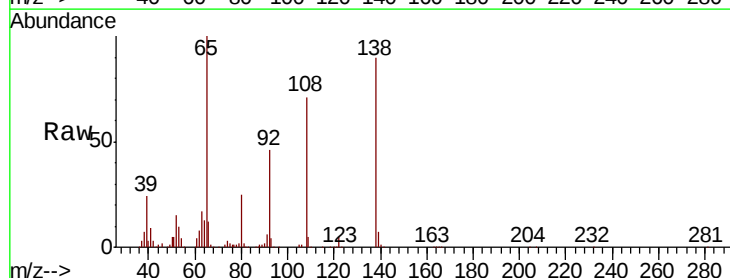
Instrument :
 BNA_M
 ClientSampleId :

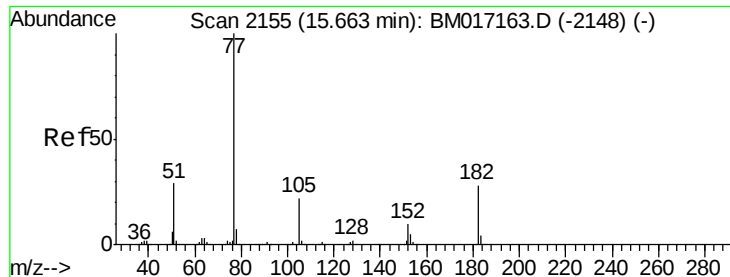
Tot Ion:204 Resp: 1611186
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.1 39.1
 141 61.2 45.4 68.2



#62
 4-Nitroaniline
 Concen: 36.174 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:138 Resp: 709112
 Ion Ratio Lower Upper
 138 100
 92 51.1 31.2 71.2
 108 78.7 55.5 95.5





#63

Azobenzene

Concen: 40.760 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

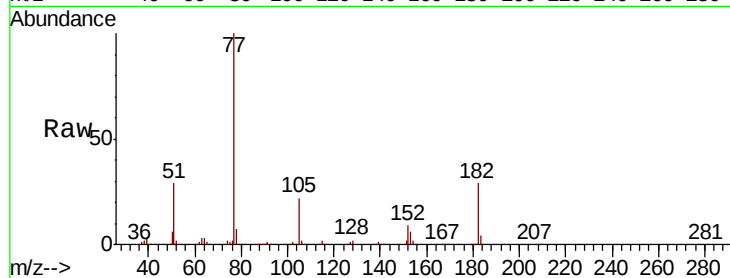
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 3003106

Ion	Ratio	Lower	Upper
77	100		
182	29.1	8.3	48.3
105	21.9	1.5	41.5
51	29.3	8.8	48.8

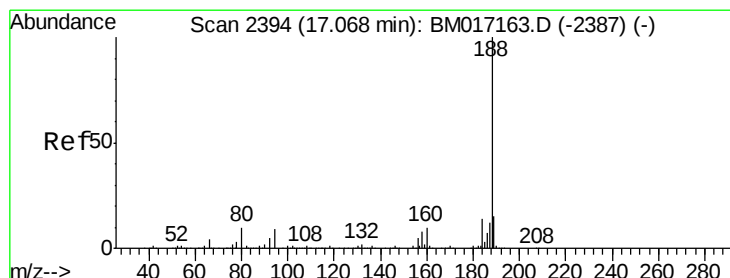
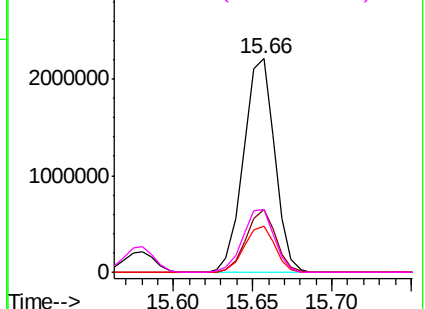
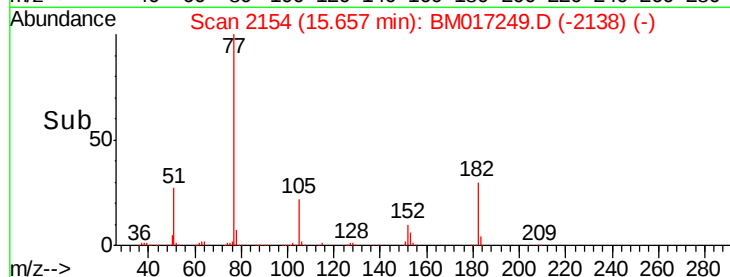


Abundance Ion 77.00 (76.70 to 77.70): BM017249.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017249.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017249.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017249.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

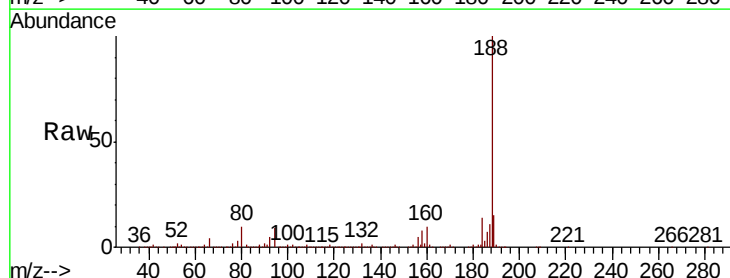
Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion: 188 Resp: 2059784

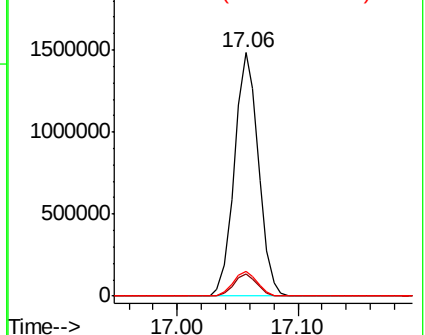
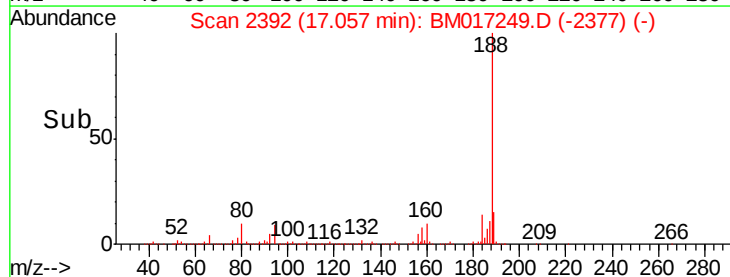
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	10.3	7.7	11.5

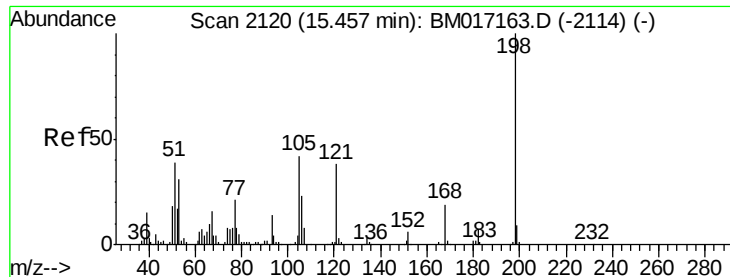


Abundance Ion 188.00 (187.70 to 188.70): BM017249.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017249.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017249.D (-2377) (-)

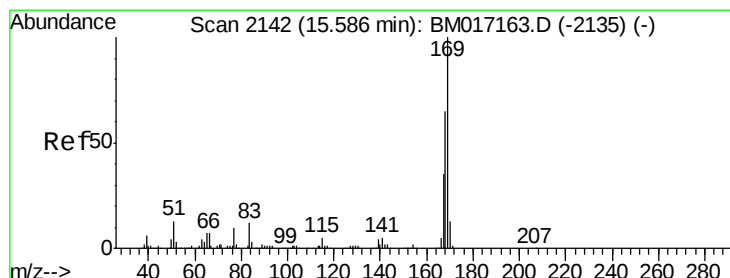
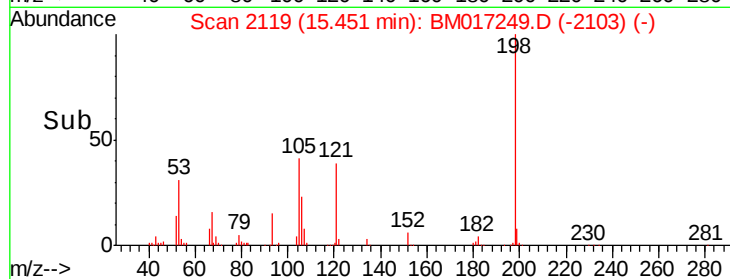
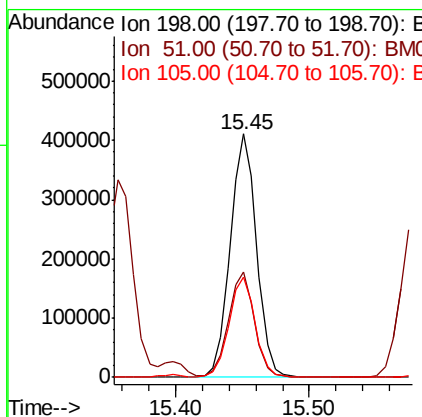
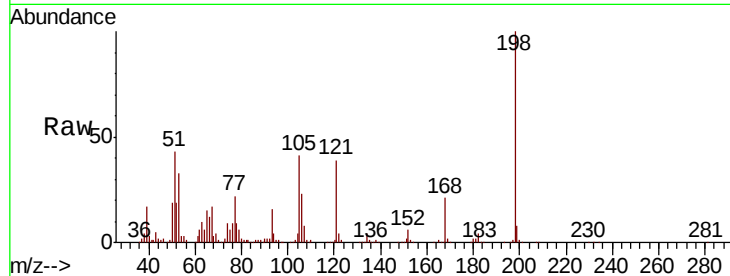




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.652 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

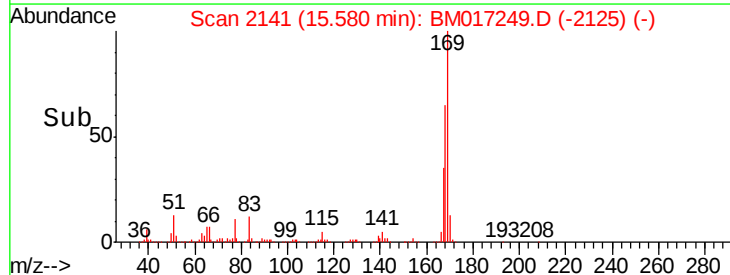
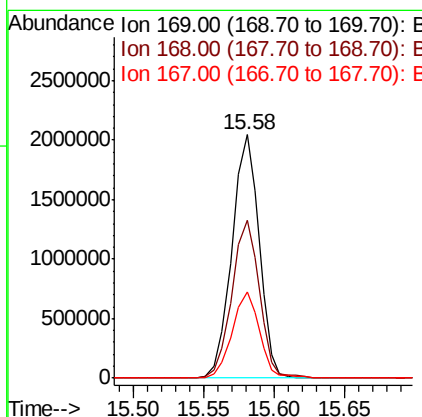
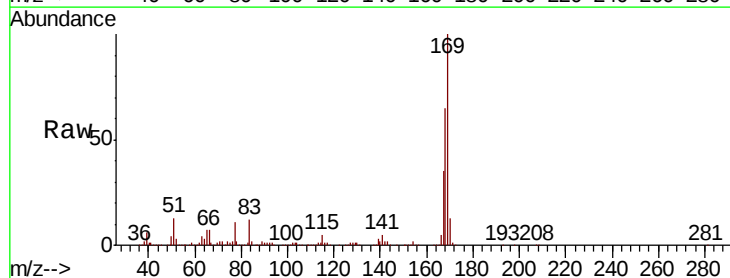
Instrument :
 BNA_M
 ClientSampled :

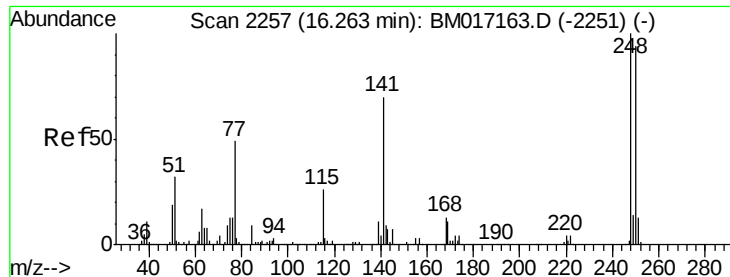
Tot Ion:198 Resp: 567569
 Ion Ratio Lower Upper
 198 100
 51 43.2 20.3 60.3
 105 41.0 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 43.977 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:169 Resp: 2740569
 Ion Ratio Lower Upper
 169 100
 168 65.1 52.2 78.4
 167 35.2 28.4 42.6

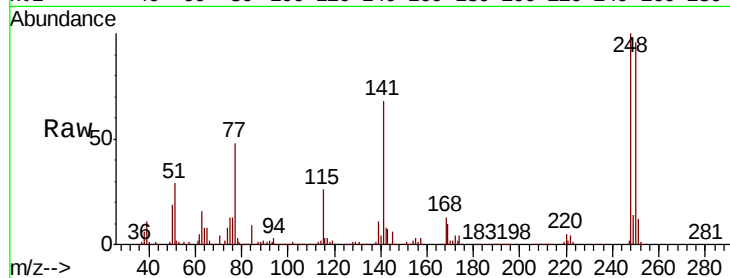




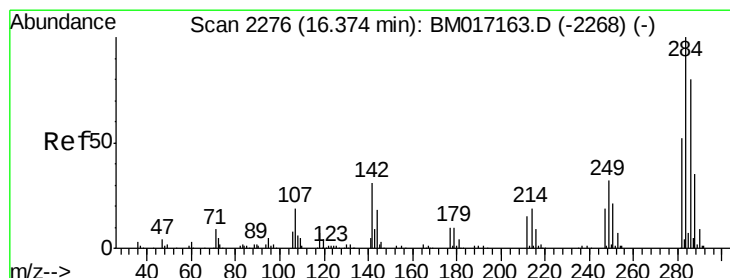
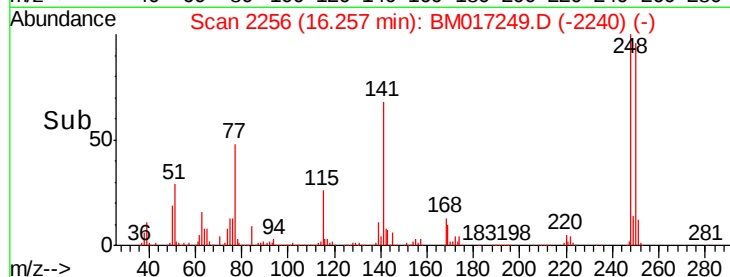
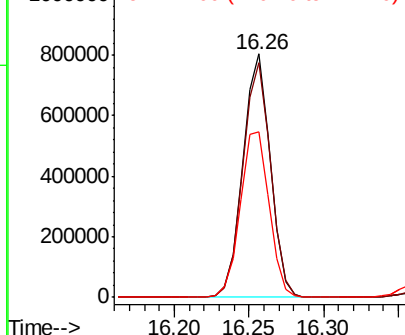
#67
4-Bromophenyl-phenylether
Concen: 44.987 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 1017460
Ion Ratio Lower Upper
248 100
250 96.3 75.1 112.7
141 68.2 55.6 83.4

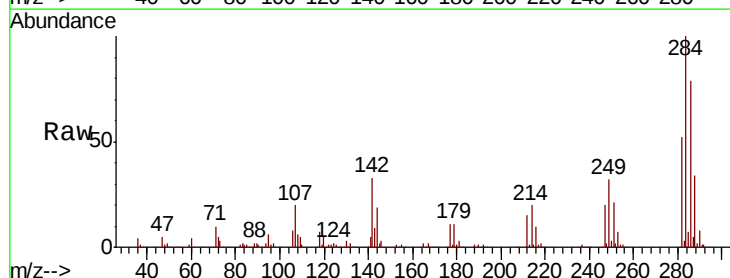


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

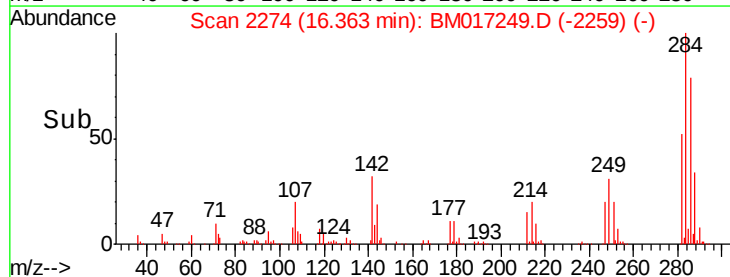
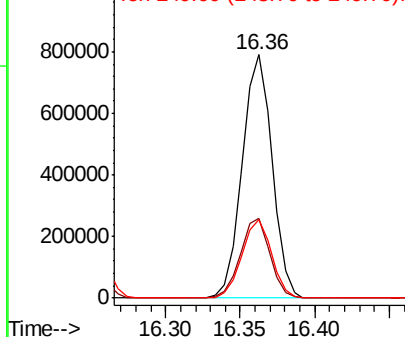


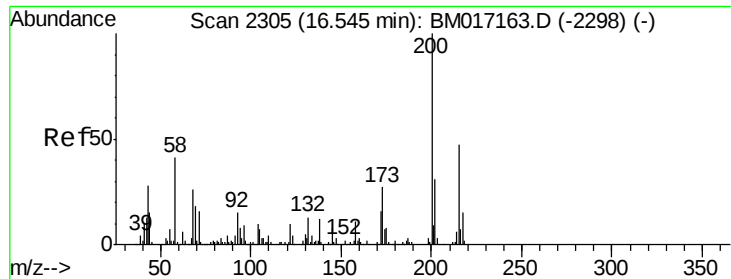
#68
Hexachlorobenzene
Concen: 41.596 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:284 Resp: 1092791
Ion Ratio Lower Upper
284 100
142 32.8 25.0 37.6
249 32.2 25.5 38.3



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

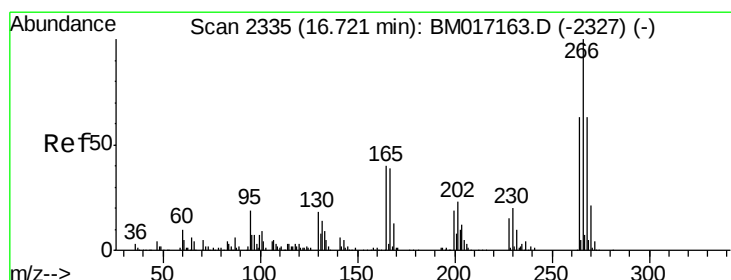
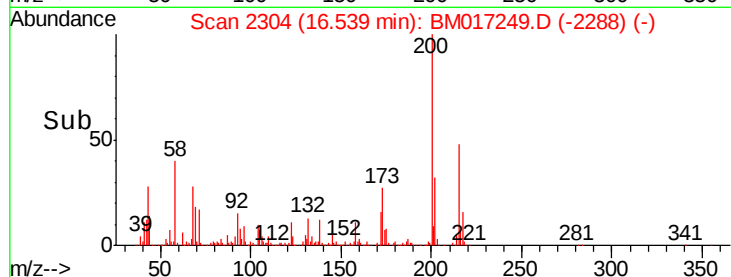
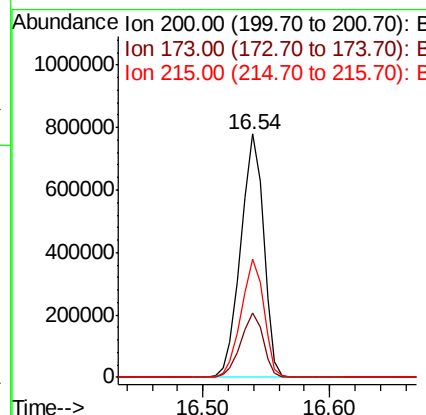
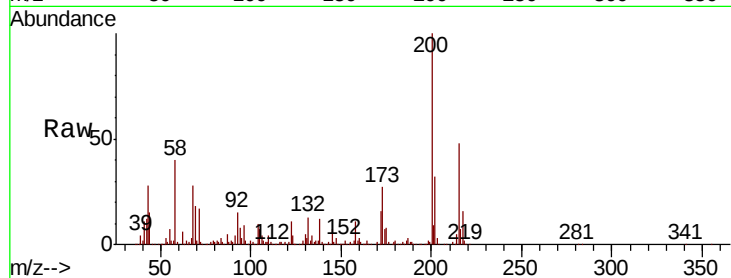




#69
Atrazine
Concen: 43.633 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

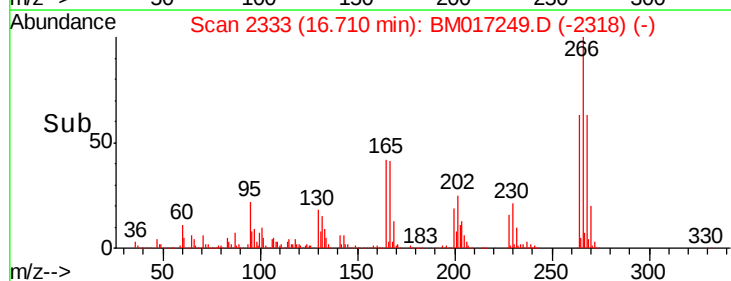
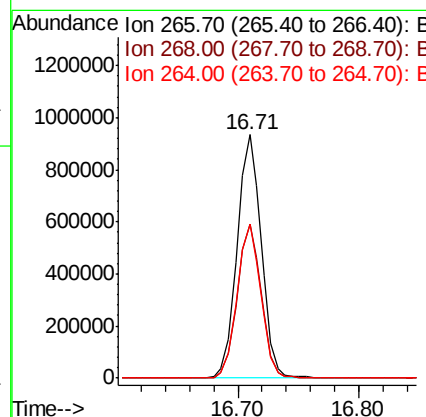
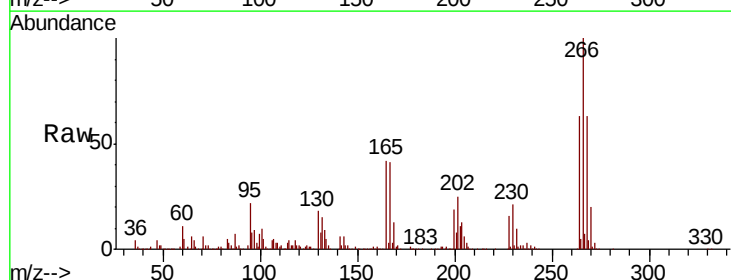
Instrument :
BNA_M
ClientSampleId :

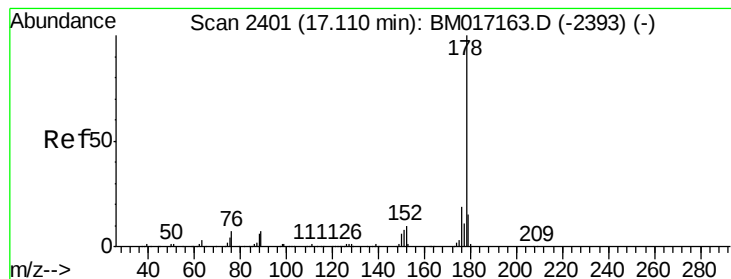
Tot Ion:200 Resp: 973187
Ion Ratio Lower Upper
200 100
173 26.6 7.0 47.0
215 48.3 27.3 67.3



#70
Pentachlorophenol
Concen: 72.408 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:266 Resp: 1303115
Ion Ratio Lower Upper
266 100
268 63.4 50.7 76.1
264 63.1 50.4 75.6





#71

Phenanthrene

Concen: 42.629 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

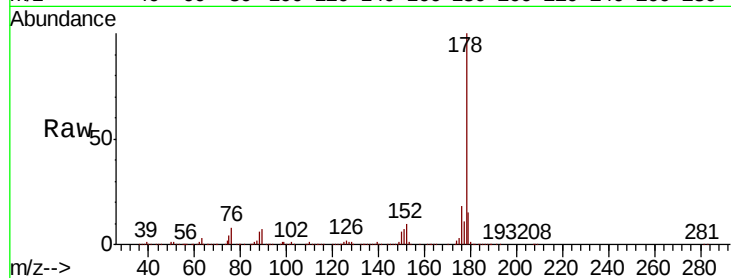
Tot Ion:178 Resp: 4737429

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

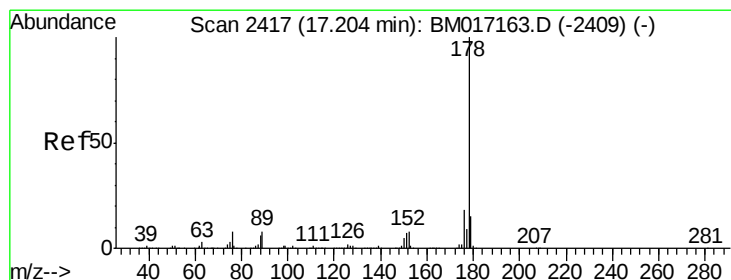
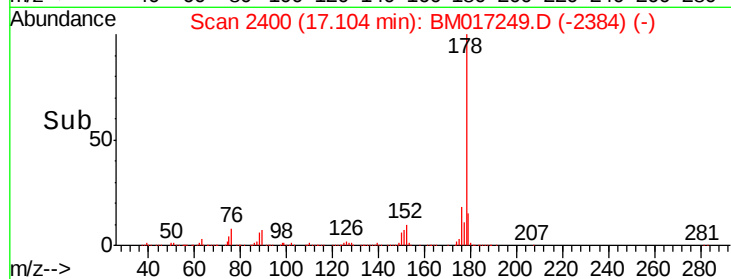
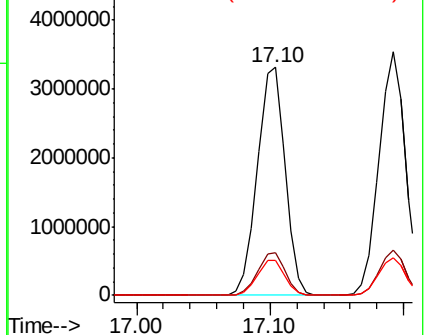
179 15.1 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.733 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

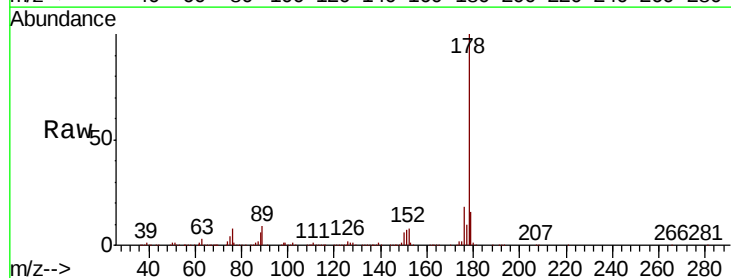
Tgt Ion:178 Resp: 4829158

Ion Ratio Lower Upper

178 100

176 18.4 14.5 21.7

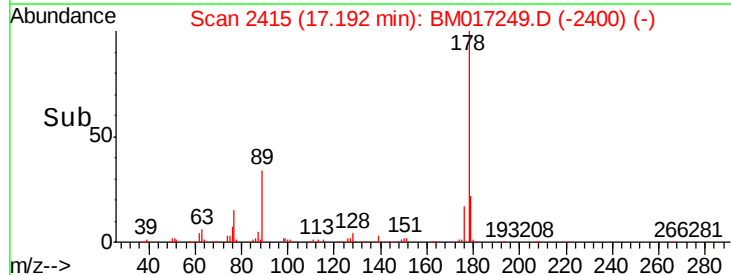
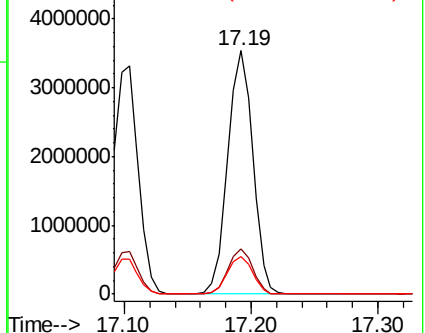
179 15.6 12.2 18.2

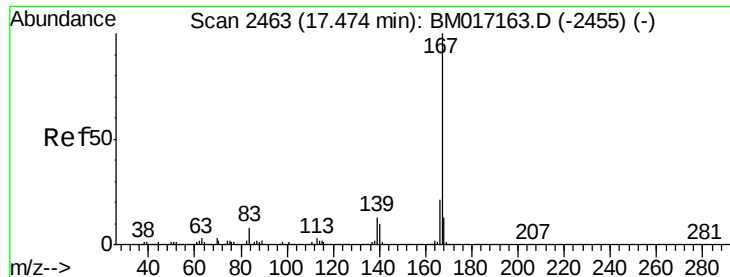


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



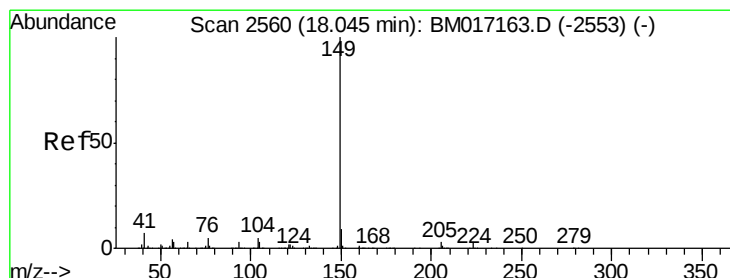
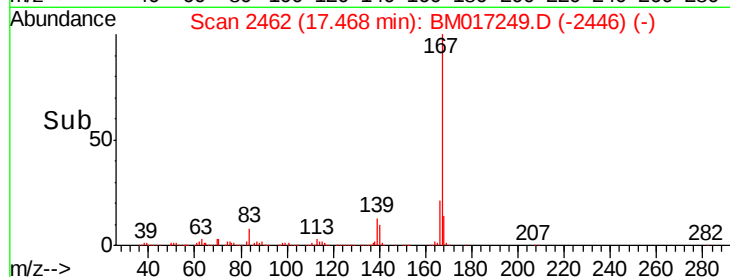
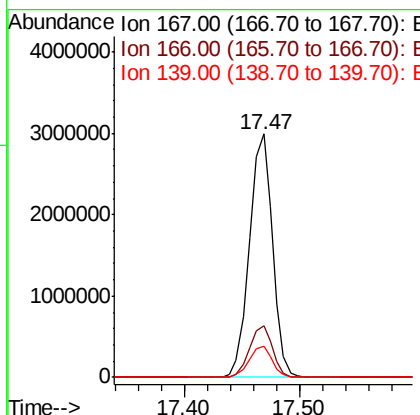
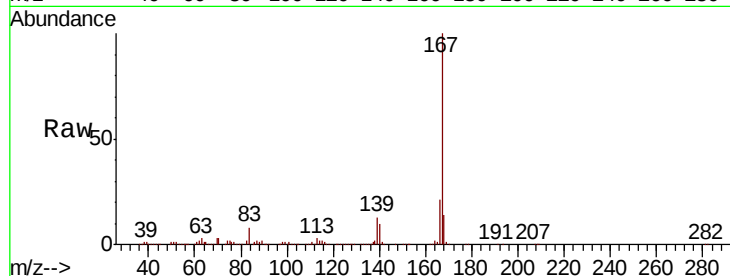


#73
 Carbazole
 Concen: 38.624 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 4166224

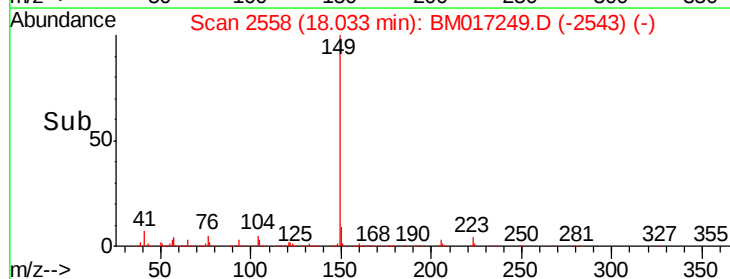
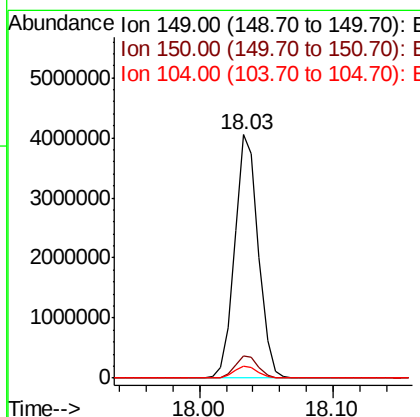
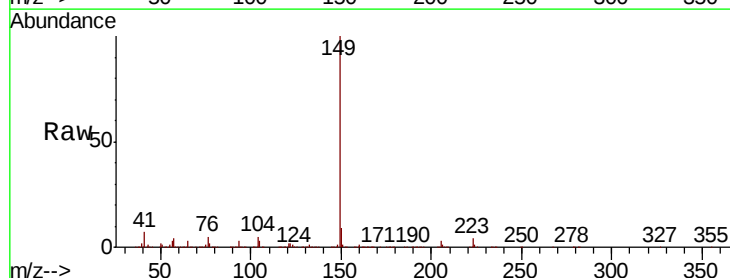
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.8	10.1	15.1

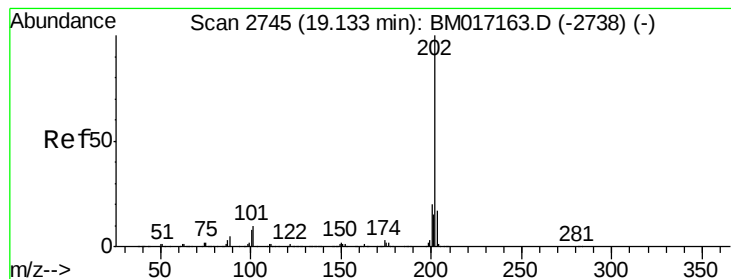


#74
 Di-n-butylphthalate
 Concen: 43.716 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:149 Resp: 4973515

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 40.934 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampled :

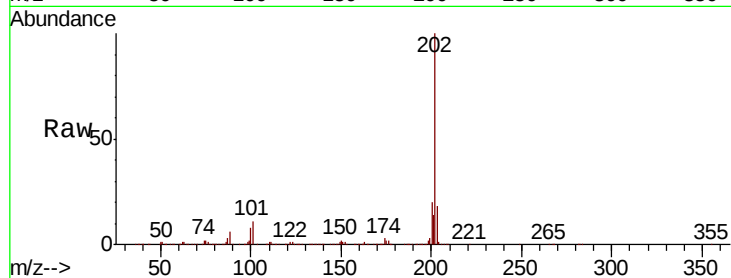
Tot Ion:202 Resp: 5118872

Ion Ratio Lower Upper

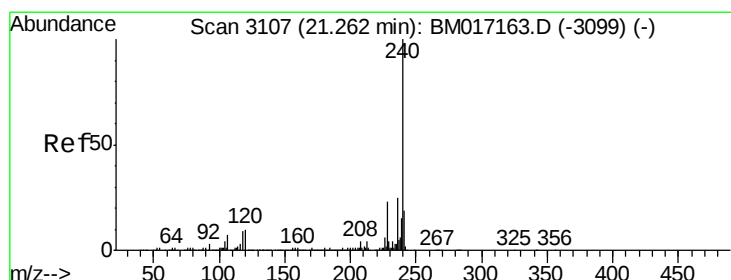
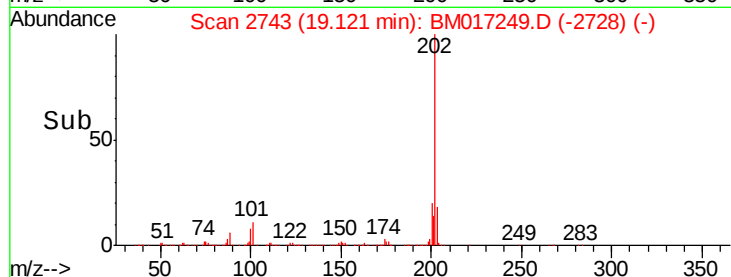
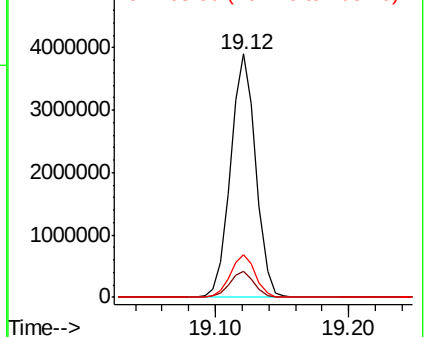
202 100

101 10.8 0.0 30.0

203 17.7 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

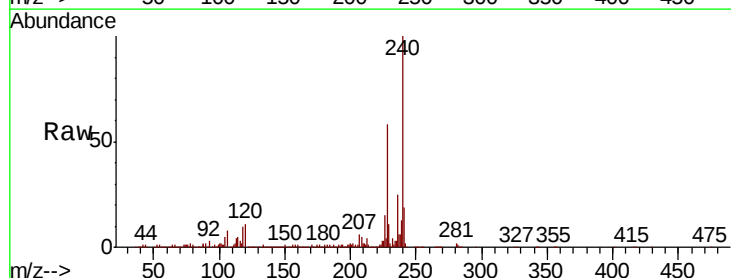
Tgt Ion:240 Resp: 1758928

Ion Ratio Lower Upper

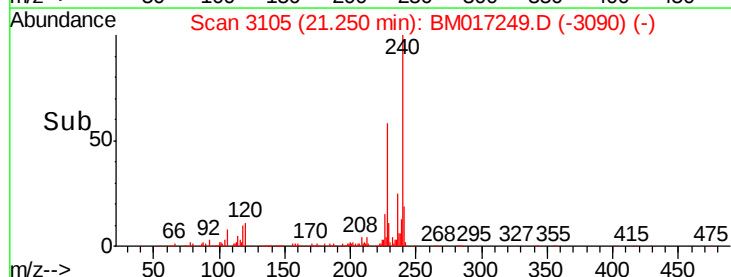
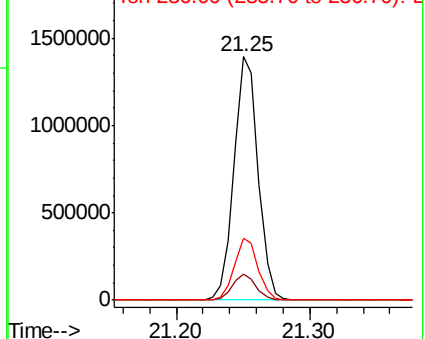
240 100

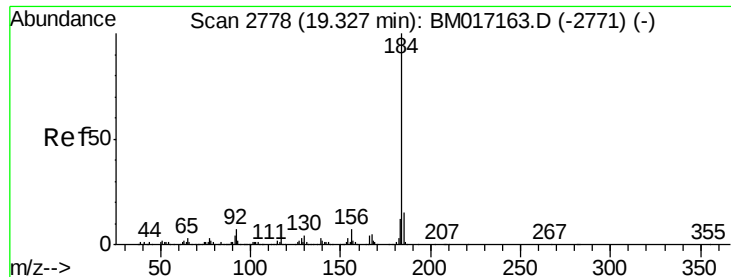
120 10.9 8.1 12.1

236 25.5 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: 60.526 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

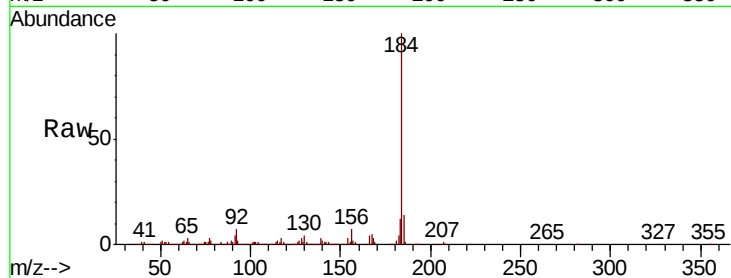
Tot Ion:184 Resp: 2699468

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.8
183	11.9	9.7	14.5

184 100

185 14.4 11.8 17.8

183 11.9 9.7 14.5

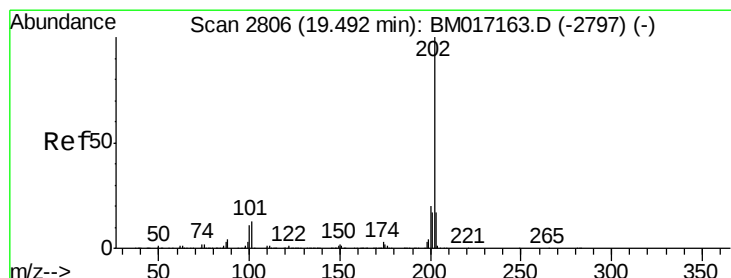
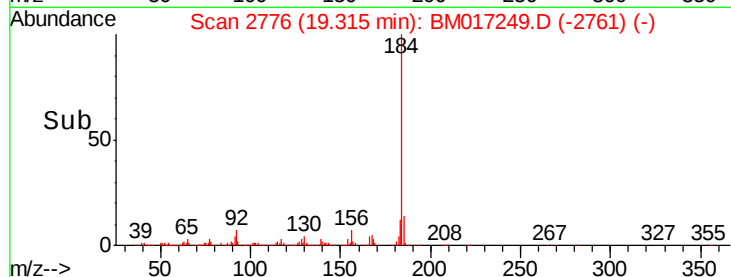
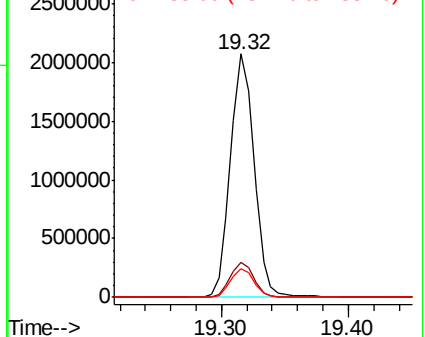


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.735 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

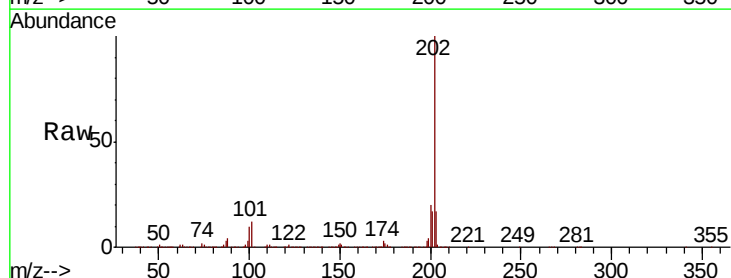
Tgt Ion:202 Resp: 5085921

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.3	24.5
203	17.3	13.9	20.9

202 100

200 20.2 16.3 24.5

203 17.3 13.9 20.9

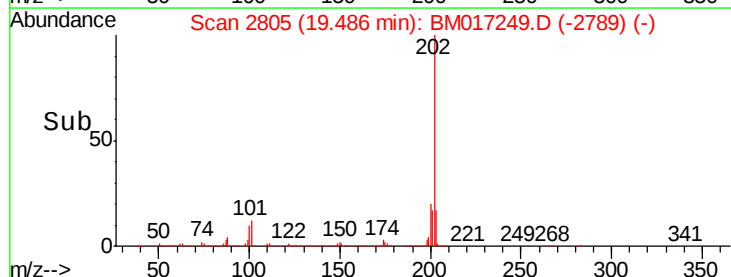
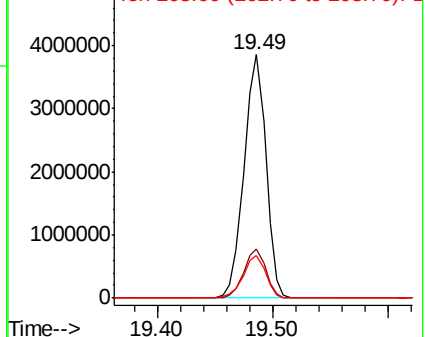


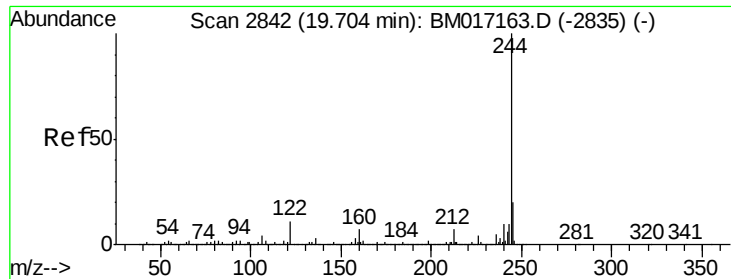
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.590 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

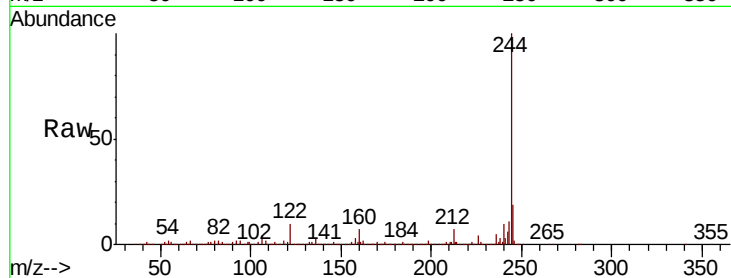
Tot Ion:244 Resp: 6835124

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

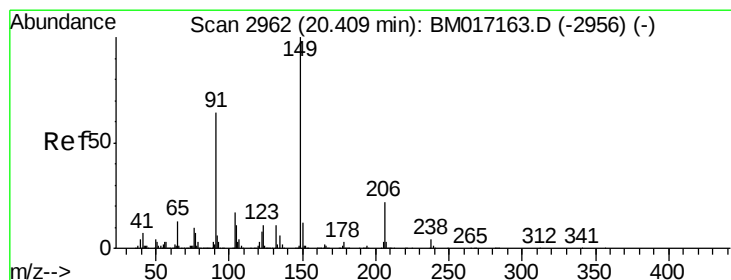
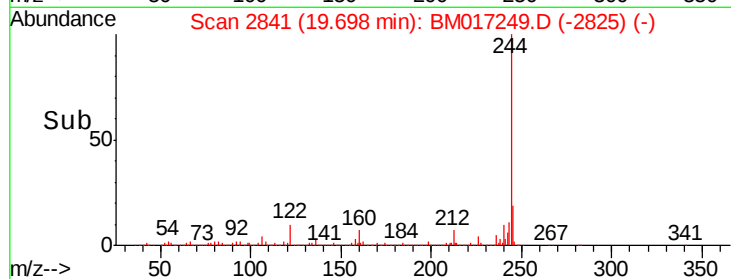
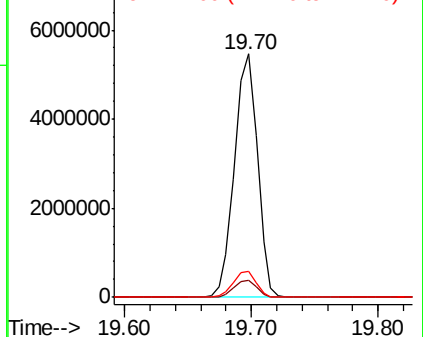
122 10.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.587 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

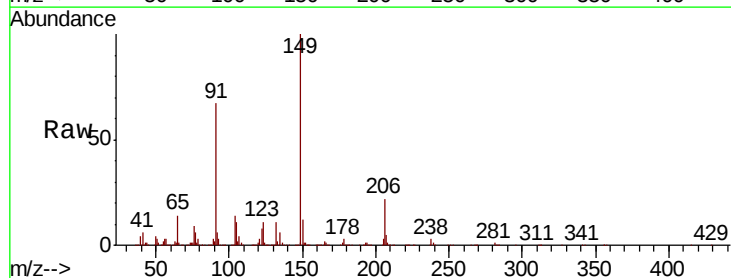
Tgt Ion:149 Resp: 1997377

Ion Ratio Lower Upper

149 100

91 67.3 51.3 76.9

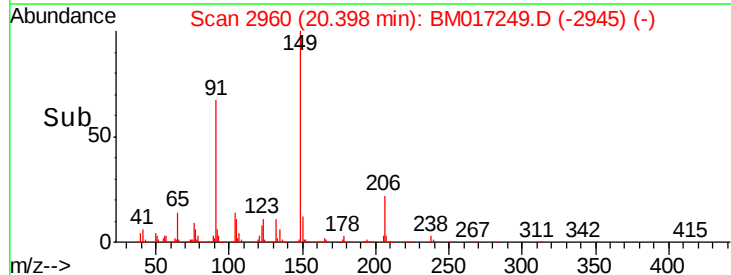
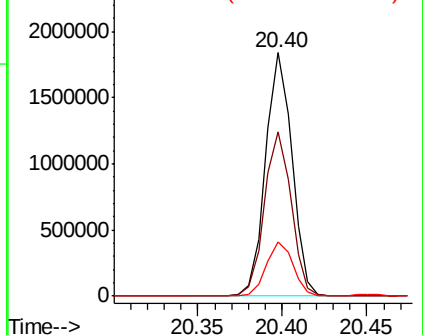
206 22.0 18.0 27.0

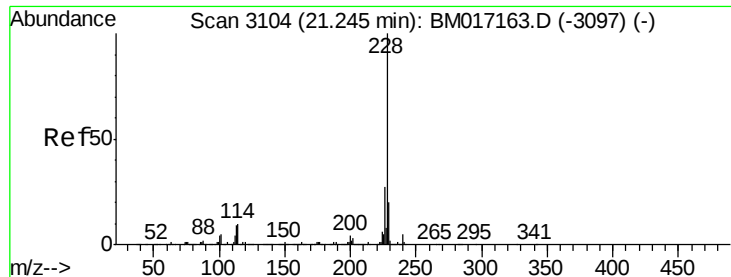


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.881 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

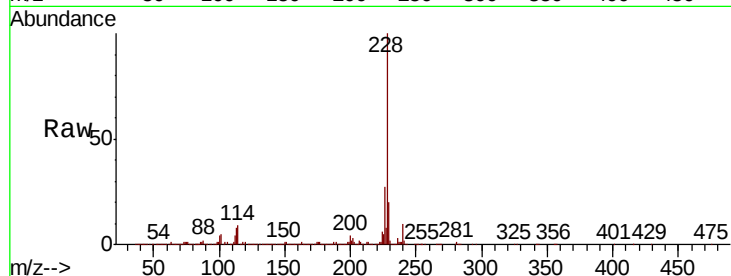
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 4442427

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.6	15.9	23.9

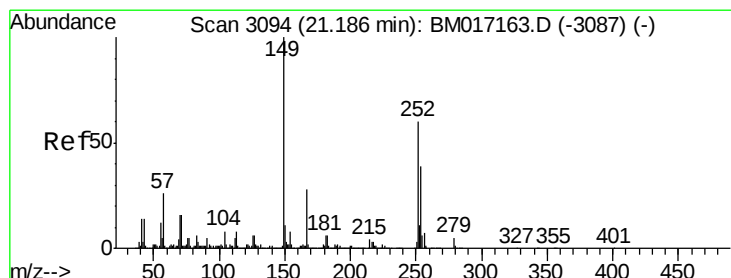
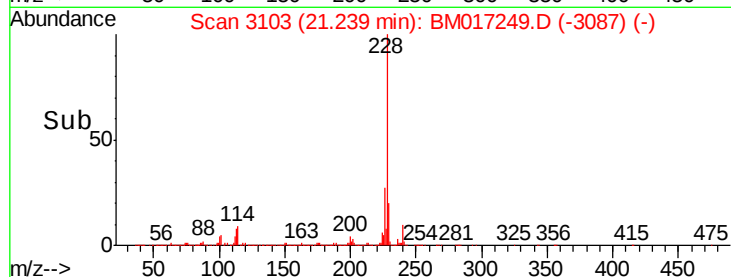
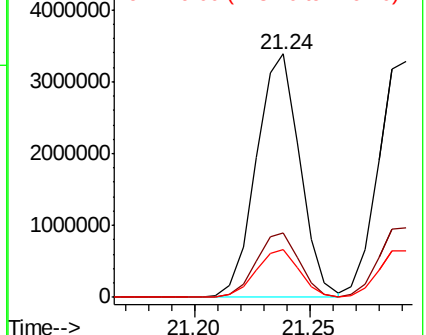


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.002 ng

RT: 21.17 min Scan# 3092

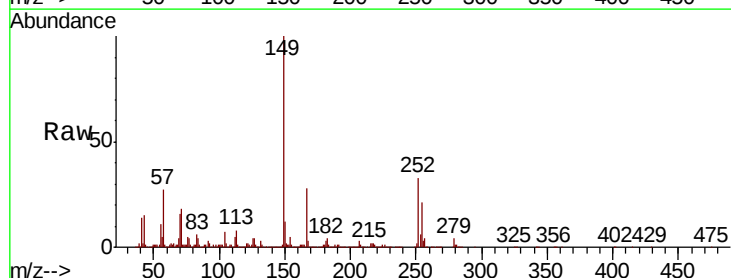
Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion:252 Resp: 996129

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	11.5	8.6	12.8

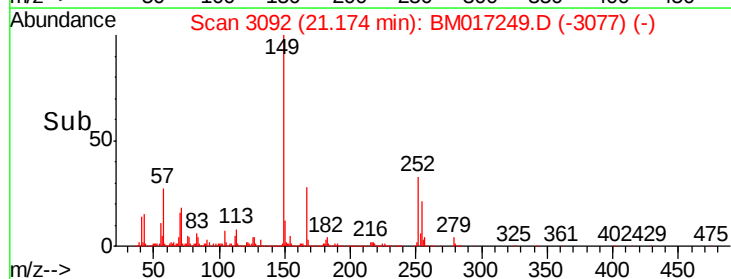
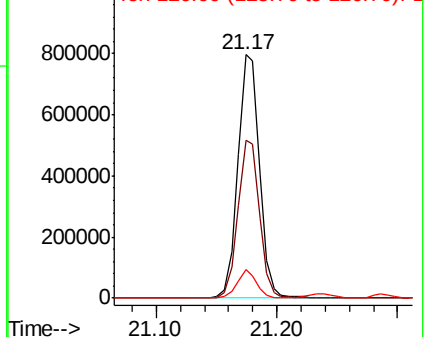


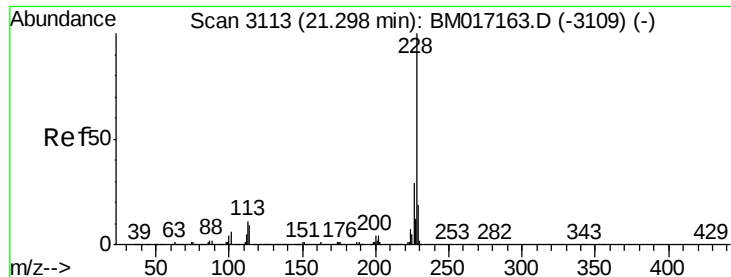
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

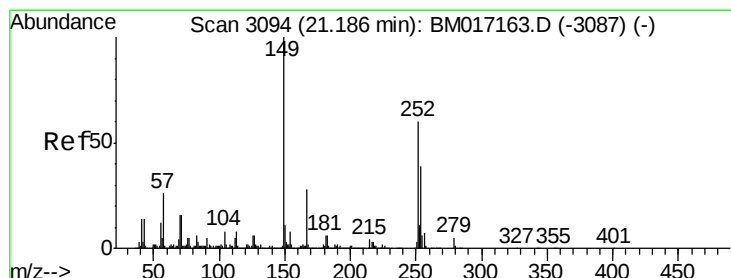
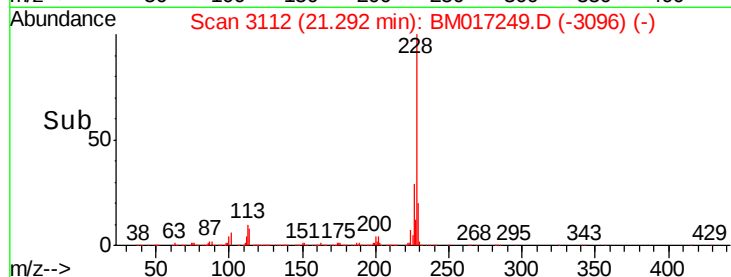
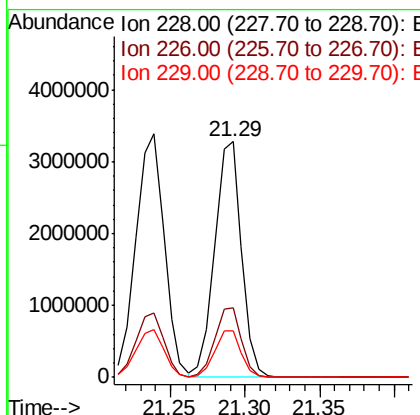
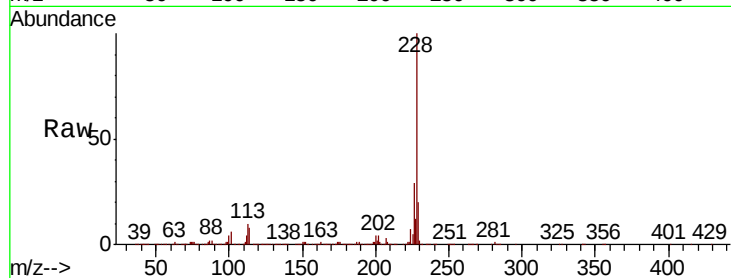




#83
Chrysene
Concen: 42.103 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

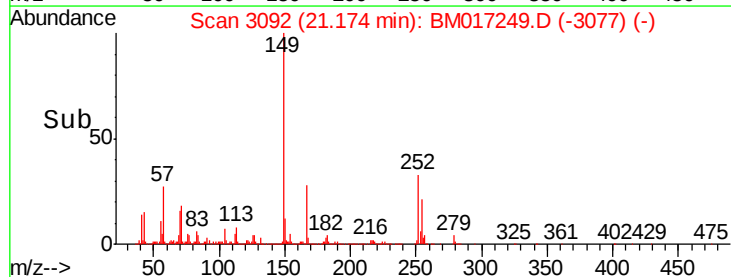
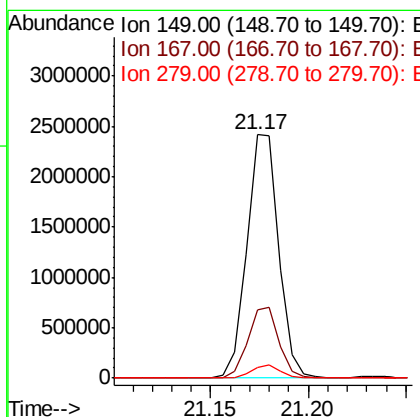
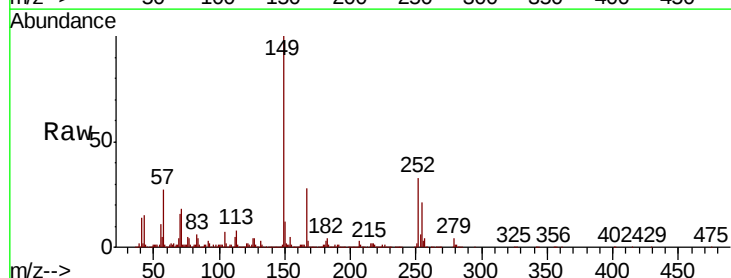
Instrument :
BNA_M
ClientSampled :

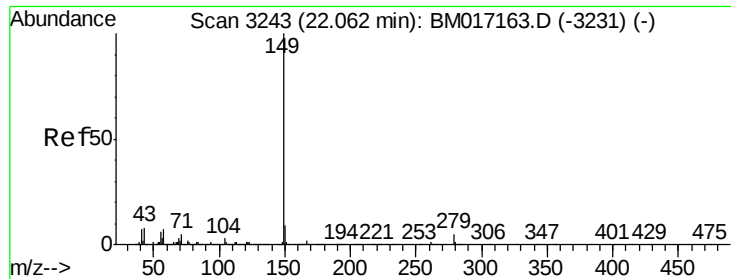
Tot Ion:228 Resp: 4124891
Ion Ratio Lower Upper
228 100
226 29.4 23.3 34.9
229 19.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.591 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:149 Resp: 2721024
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.4
279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.924 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

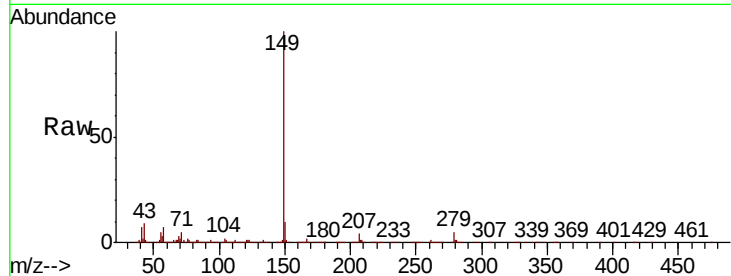
Tot Ion:149 Resp: 4207153

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

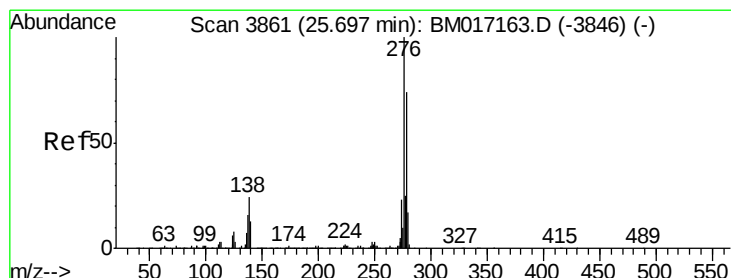
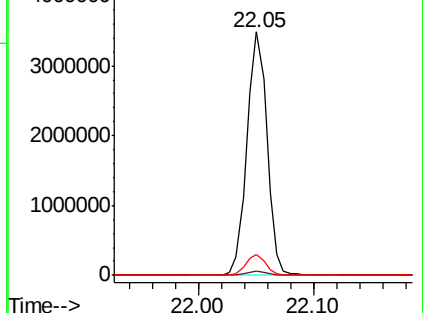
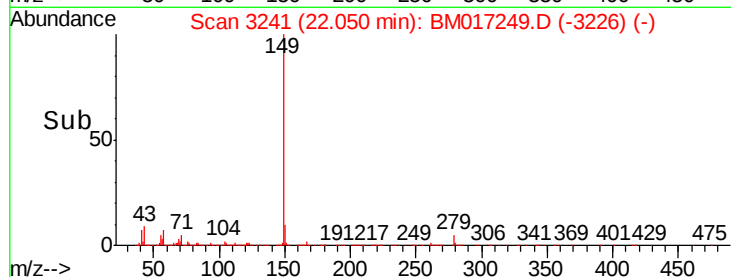
43 8.6 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.778 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

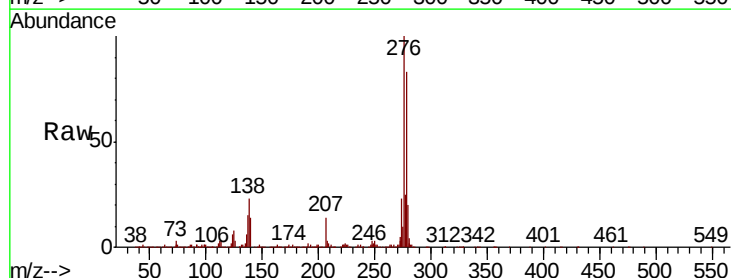
Tgt Ion:276 Resp: 3591876

Ion Ratio Lower Upper

276 100

138 23.3 19.5 29.3

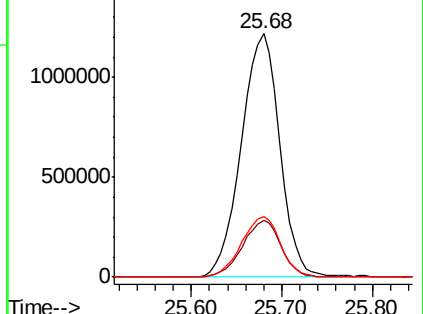
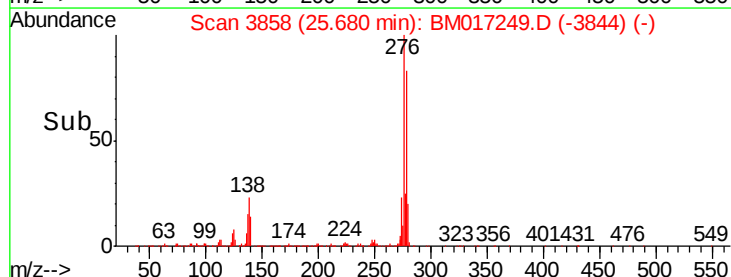
277 25.4 20.1 30.1

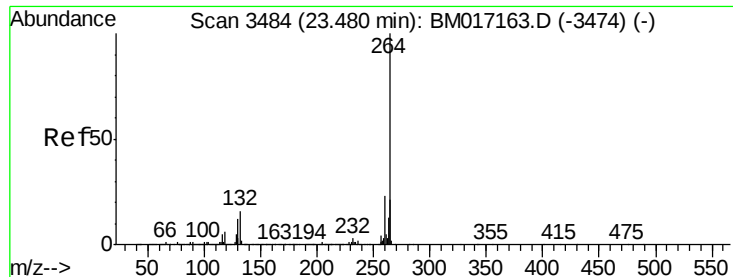


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

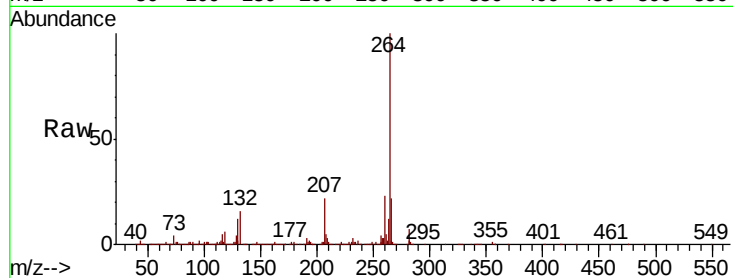
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1407948

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.9	17.8	26.8

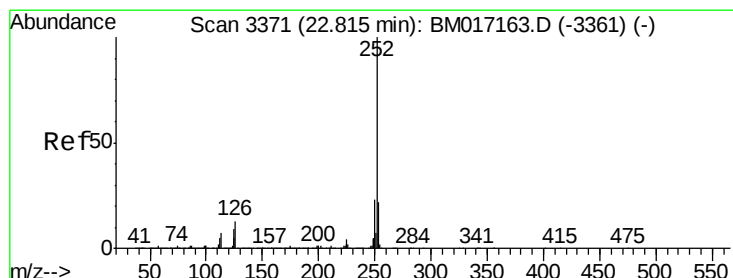
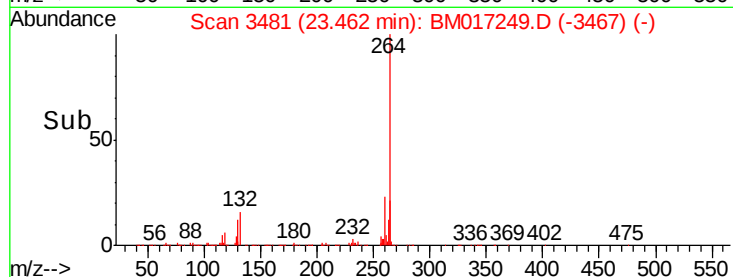
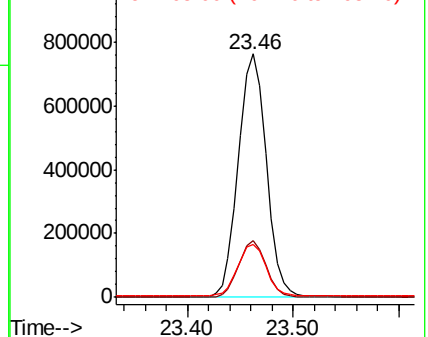


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.116 ng

RT: 22.80 min Scan# 3369

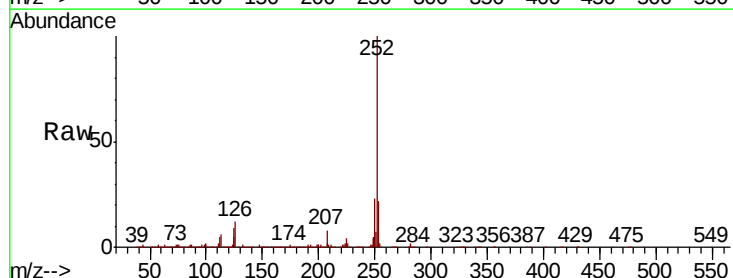
Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion:252 Resp: 3780836

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.3	7.5	11.3

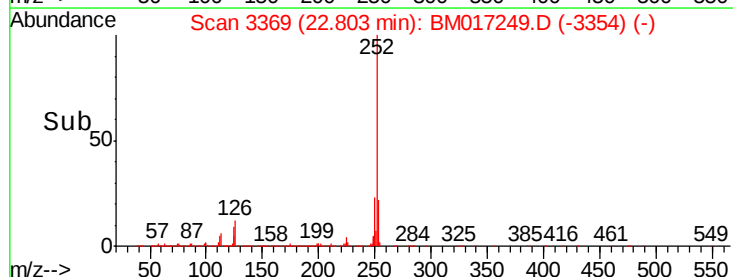
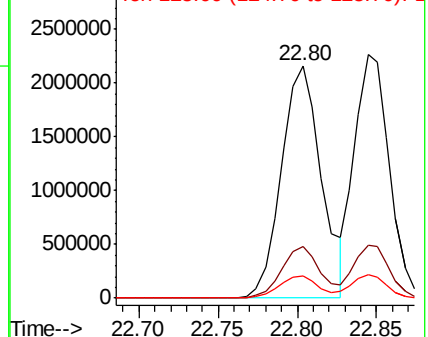


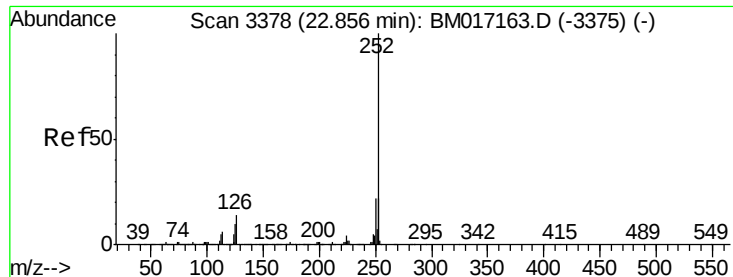
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

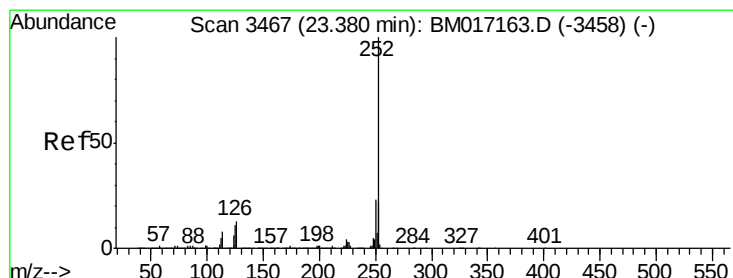
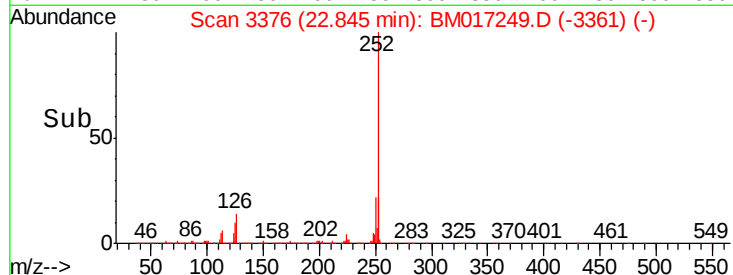
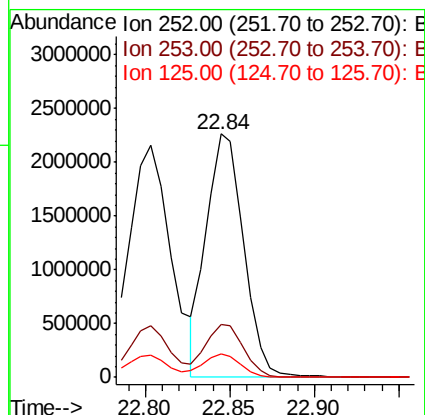
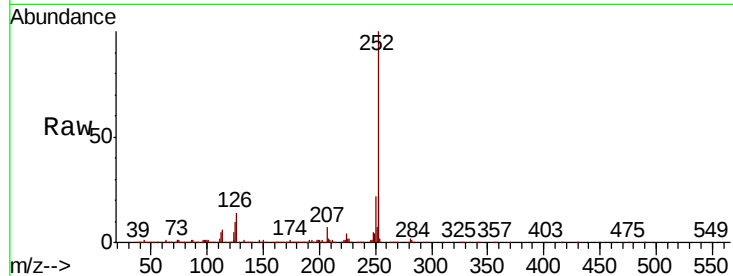




#89
Benzo(k)fluoranthene
Concen: 44.800 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

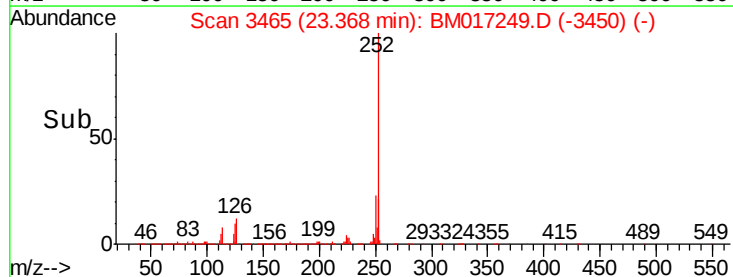
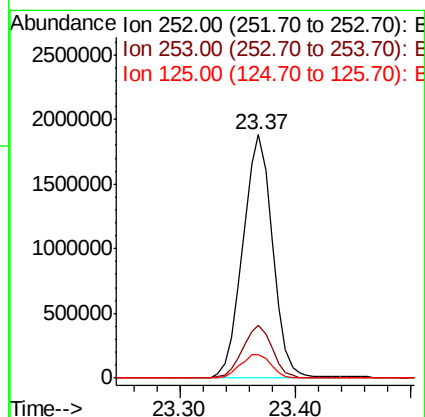
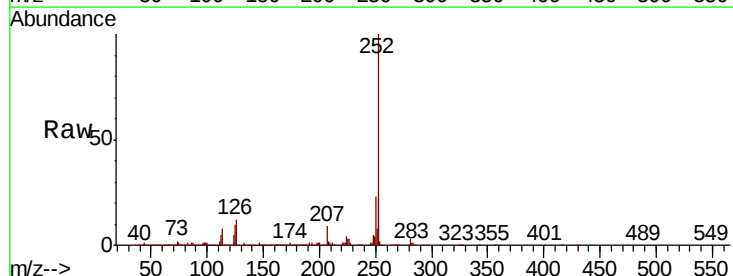
Instrument :
BNA_M
ClientSampleId :

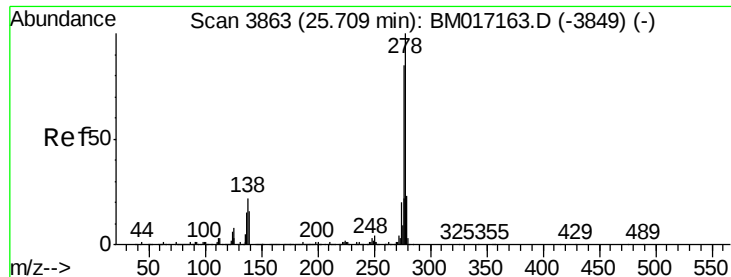
Tot Ion:252 Resp: 3460416
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.6 8.2 12.2



#90
Benzo(a)pyrene
Concen: 46.023 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:252 Resp: 3363711
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 41.777 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

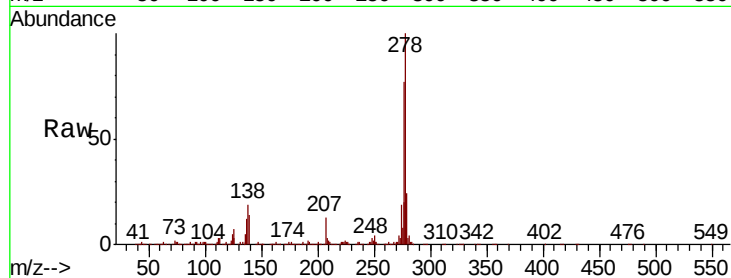
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3031886

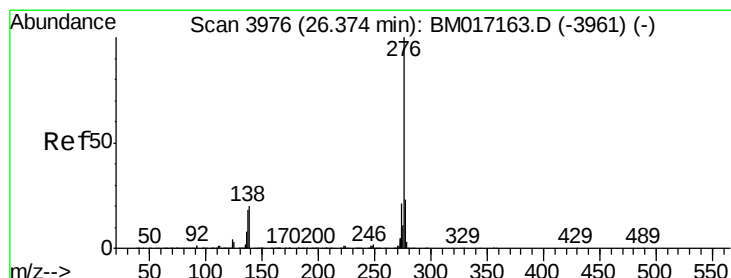
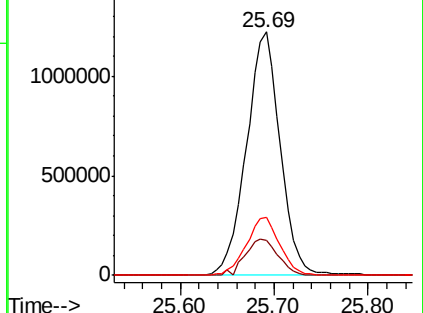
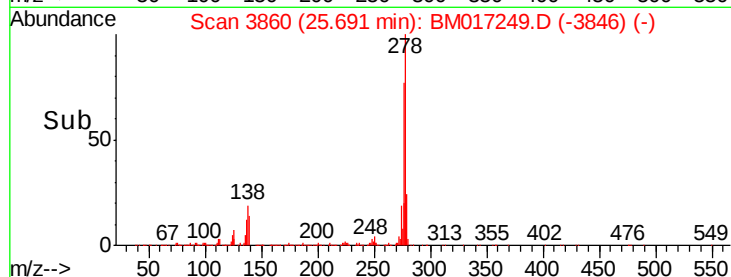
Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.7	19.1
279	23.8	18.7	28.1



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: 41.749 ng

RT: 26.35 min Scan# 3972

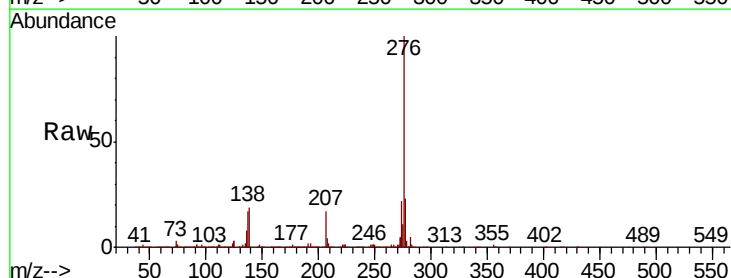
Delta R.T. -0.02 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion:276 Resp: 3002980

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	19.2	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

