

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020043.D
 Acq On : 23 Apr 2019 19:06
 Operator : JU/SJ
 Sample : K2515-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:57:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	79340	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	300902	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	173625	20.00	ng	-0.02
64) Phenanthrene-d10	16.93	188	374648	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	371328	20.00	ng	-0.02
87) Perylene-d12	23.33	264	432053	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	633668	129.44	ng	-0.02
7) Phenol-d6	6.69	99	892461	121.13	ng	-0.02
23) Nitrobenzene-d5	8.66	82	585953	87.09	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	357629	127.96	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1186875	85.19	ng	-0.02
79) Terphenyl-d14	19.57	244	1835794	87.20	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	86913	41.140	ng	97
3) Pyridine	3.49	79	209424	35.397	ng	97
4) n-Nitrosodimethylamine	3.41	42	83505	43.814	ng	# 91
6) Aniline	6.85	93	132728	13.948	ng	98
8) 2-Chlorophenol	7.06	128	241767	39.706	ng	98
9) Benzaldehyde	6.68	77	72717	14.104	ng	94
10) Phenol	6.72	94	316395	39.305	ng	94
11) bis(2-Chloroethyl)ether	6.95	93	212852	36.140	ng	98
12) 1,3-Dichlorobenzene	7.38	146	251118	39.285	ng	97
13) 1,4-Dichlorobenzene	7.53	146	259533	40.017	ng	99
14) 1,2-Dichlorobenzene	7.83	146	251902	39.172	ng	99
15) Benzyl Alcohol	7.76	79	240657	35.929	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.02	45	188867	33.639	ng	96
17) 2-Methylphenol	7.95	107	199493	37.445	ng	97
18) Hexachloroethane	8.53	117	98765	39.176	ng	93
19) n-Nitroso-di-n-propylamine	8.30	70	212614	32.828	ng	98
20) 3+4-Methylphenols	8.29	107	264011	36.074	ng	97
22) Acetophenone	8.33	105	360609	44.000	ng	99
24) Nitrobenzene	8.71	77	314241	45.084	ng	97
25) Isophorone	9.22	82	527435	40.269	ng	99
26) 2-Nitrophenol	9.41	139	120009	40.403	ng	93
27) 2,4-Dimethylphenol	9.47	122	195846	46.633	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	293091	39.962	ng	98
29) 2,4-Dichlorophenol	9.96	162	207254	43.451	ng	99
30) 1,2,4-Trichlorobenzene	10.13	180	238069	46.374	ng	99
31) Naphthalene	10.32	128	703455	43.586	ng	99
32) Benzoic acid	9.65	122	86243	24.569	ng	98
33) 4-Chloroaniline	10.49	127	74839	11.256	ng	98
34) Hexachlorobutadiene	10.57	225	140573	46.428	ng	97
35) Caprolactam	11.29	113	23118	12.804	ng	96
36) 4-Chloro-3-methylphenol	11.60	107	239726	40.449	ng	99
37) 2-Methylnaphthalene	11.95	142	505911	43.056	ng	98
38) 1-Methylnaphthalene	12.16	142	479321	41.315	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	244858	45.715	ng	99

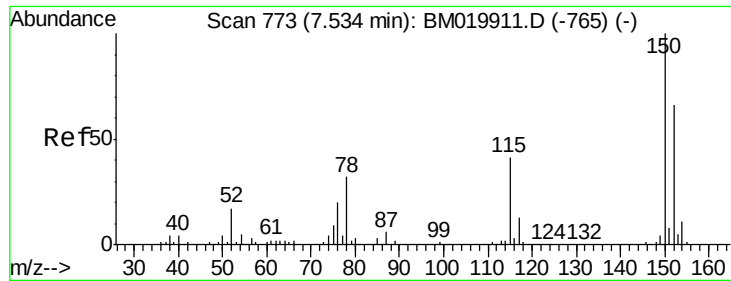
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020043.D
 Acq On : 23 Apr 2019 19:06
 Operator : JU/SJ
 Sample : K2515-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:57:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	159278	83.411	nq	98
43) 2,4,6-Trichlorophenol	12.59	196	166270	45.787	nq	97
44) 2,4,5-Trichlorophenol	12.67	196	166538	44.063	nq	98
46) 1,1'-Biphenyl	12.98	154	658273	43.774	nq	98
47) 2-Chloronaphthalene	13.02	162	503403	43.886	nq	99
48) 2-Nitroaniline	13.27	65	169725	41.049	nq	98
49) Acenaphthylene	13.88	152	824892	41.331	nq	99
50) Dimethylphthalate	13.63	163	751349	49.060	nq	100
51) 2,6-Dinitrotoluene	13.77	165	139967	41.330	nq	84
52) Acenaphthene	14.22	154	476897	43.096	nq	98
53) 3-Nitroaniline	14.13	138	47880	14.159	nq	93
54) 2,4-Dinitrophenol	14.35	184	132277	66.774	nq	89
55) Dibenzofuran	14.56	168	770320	42.569	nq	97
56) 4-Nitrophenol	14.45	139	180281	68.476	nq	88
57) 2,4-Dinitrotoluene	14.59	165	197775	40.628	nq	98
58) Fluorene	15.22	166	634415	41.375	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.80	232	157865	45.777	nq	99
60) Diethylphthalate	15.00	149	675703	42.422	nq	99
61) 4-Chlorophenyl-phenylether	15.22	204	317485	43.005	nq	96
62) 4-Nitroaniline	15.30	138	112132	33.656	nq	90
63) Azobenzene	15.51	77	750410	44.080	nq	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	87233	36.493	nq	96
66) n-Nitrosodiphenylamine	15.45	169	537683	43.899	nq	99
67) 4-Bromophenyl-phenylether	16.12	248	186729	43.351	nq	98
68) Hexachlorobenzene	16.22	284	223601	43.263	nq	95
69) Atrazine	16.41	200	188611	45.362	nq	96
70) Pentachlorophenol	16.59	266	218619	82.787	nq	99
71) Phenanthrene	16.97	178	966484	43.471	nq	99
72) Anthracene	17.06	178	964840	43.597	nq	99
73) Carbazole	17.35	167	867013	41.960	nq	99
74) Di-n-butylphthalate	17.89	149	1171771	43.182	nq	99
75) Fluoranthene	19.00	202	1119538	43.756	nq	99
77) Benzidine	19.22	184	365295	35.654	nq	99
78) Pyrene	19.37	202	1150348	46.780	nq	100
80) Butylbenzylphthalate	20.27	149	557244	46.741	nq	99
81) Benzo(a)anthracene	21.13	228	1096323	46.607	nq	99
82) 3,3'-Dichlorobenzidine	21.08	252	227649	26.012	nq	97
83) Chrysene	21.19	228	1095081	48.544	nq	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	814821	45.909	nq	99
85) Di-n-octyl phthalate	21.91	149	1424348	49.458	nq	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1543389	69.549	nq	98
88) Benzo(b)fluoranthene	22.67	252	1262745	44.015	nq	100
89) Benzo(k)fluoranthene	22.72	252	1180866	43.721	nq	99
90) Benzo(a)pyrene	23.23	252	1169610	46.011	nq	98
91) Dibenzo(a,h)anthracene	25.52	278	1296667	52.907	nq	98
92) Benzo(g,h,i)perylene	26.18	276	1199193	54.022	nq	99

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

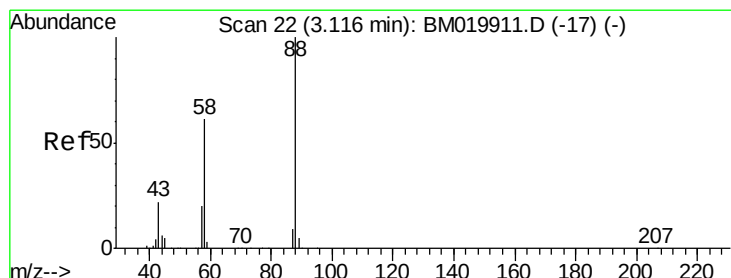
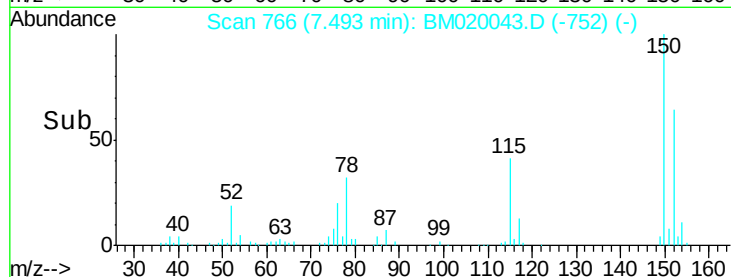
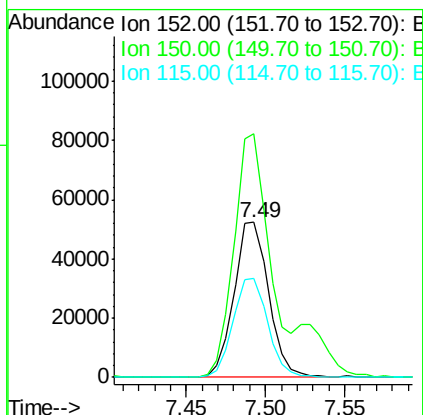
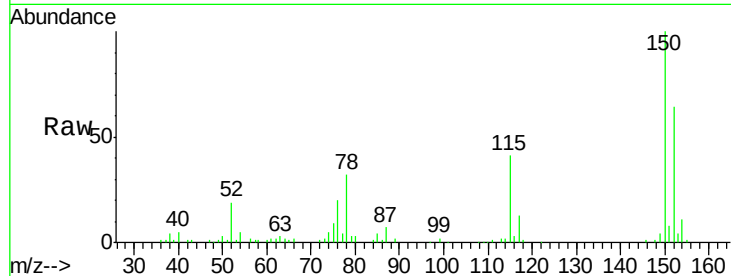


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :

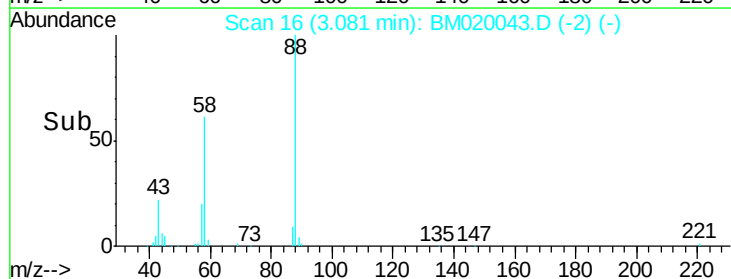
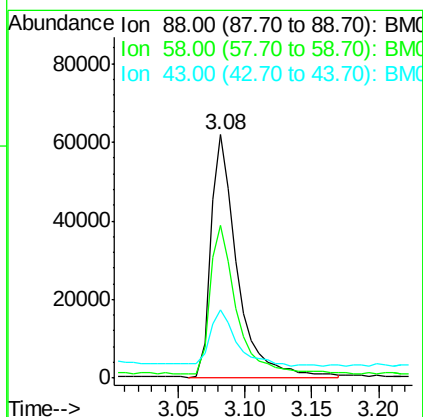
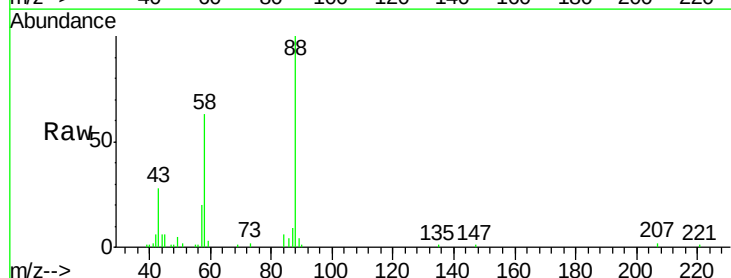
Tot Ion:152 Resp: 79340
Ion Ratio Lower Upper
152 100
150 157.1 122.1 183.1
115 63.8 50.0 75.0

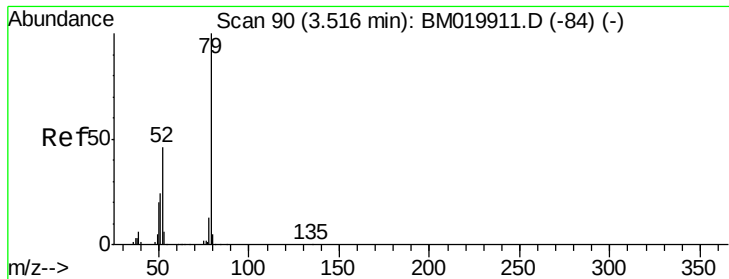


#2

1,4-Dioxane
Concen: 41.140 ng
RT: 3.08 min Scan# 16
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion: 88 Resp: 86913
Ion Ratio Lower Upper
88 100
58 59.2 49.6 74.4
43 22.6 18.6 27.8





#3

Pvridine

Concen: 35.397 ng

RT: 3.49 min Scan# 85

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

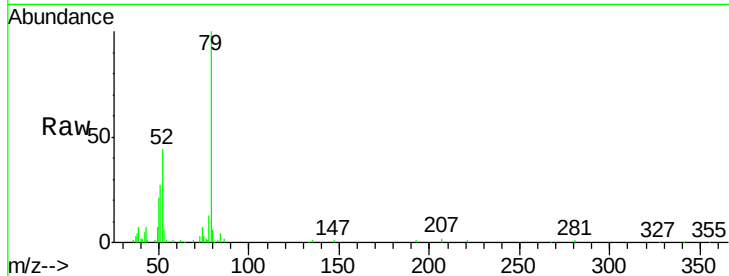
Tot Ion: 79 Resp: 209424

Ion Ratio Lower Upper

79 100

52 44.4 36.9 55.3

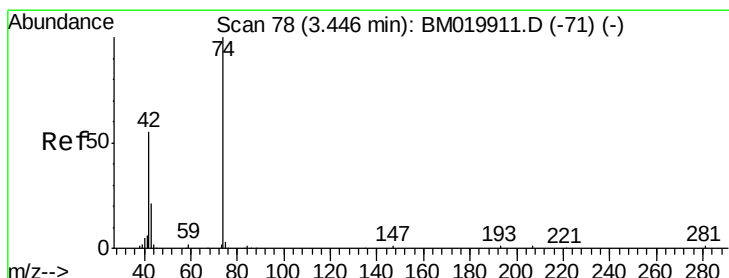
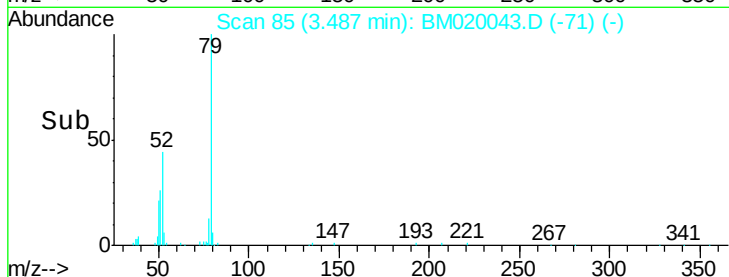
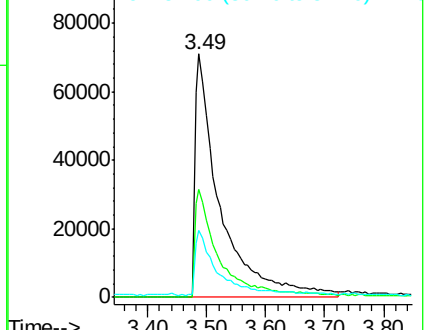
51 27.4 20.0 30.0



Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 43.814 ng

RT: 3.41 min Scan# 72

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

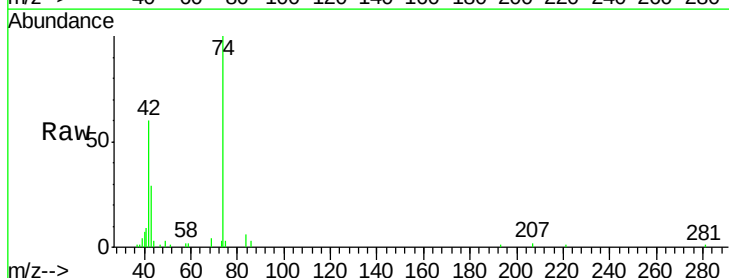
Tgt Ion: 42 Resp: 83505

Ion Ratio Lower Upper

42 100

74 167.3 144.6 217.0

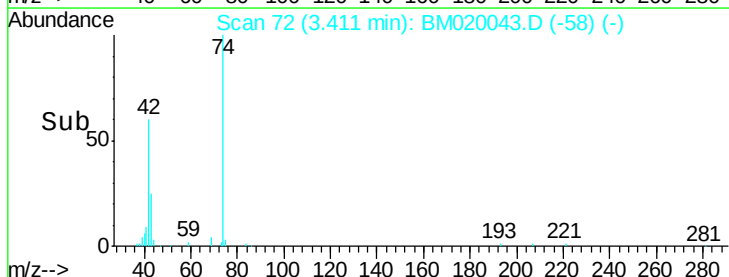
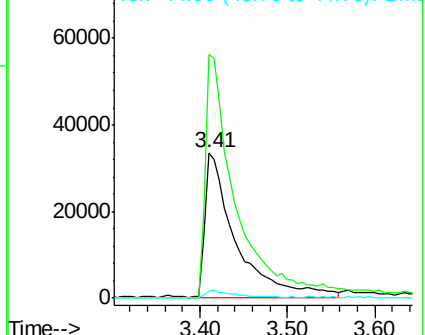
44 4.9 5.4 8.2#

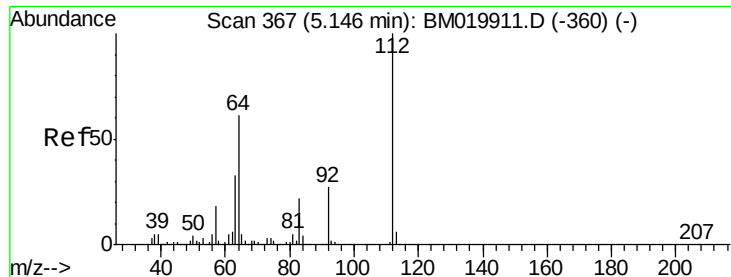


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 129.437 ng

RT: 5.11 min Scan# 361

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

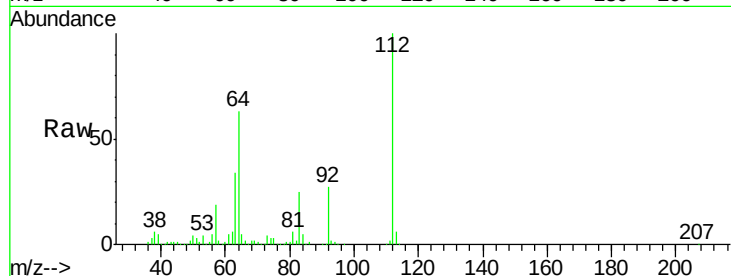
Tot Ion:112 Resp: 633668

Ion Ratio Lower Upper

112 100

64 62.5 49.1 73.7

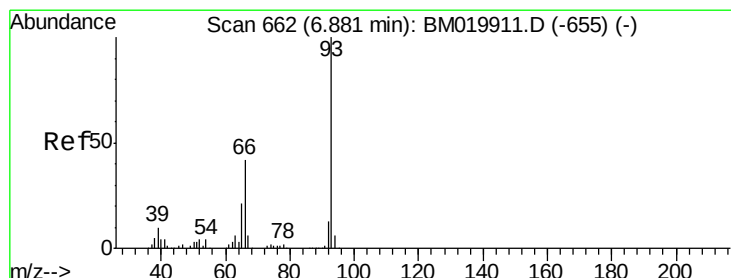
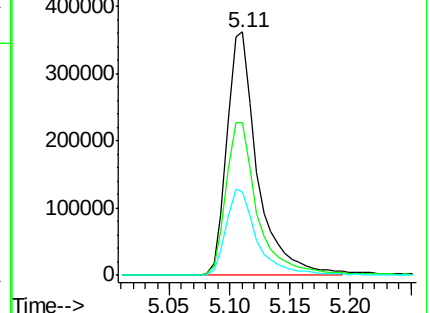
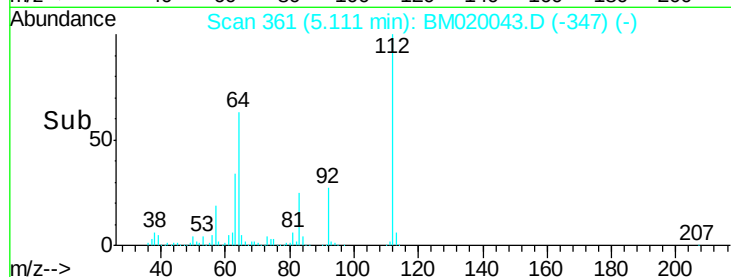
63 34.4 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 13.948 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

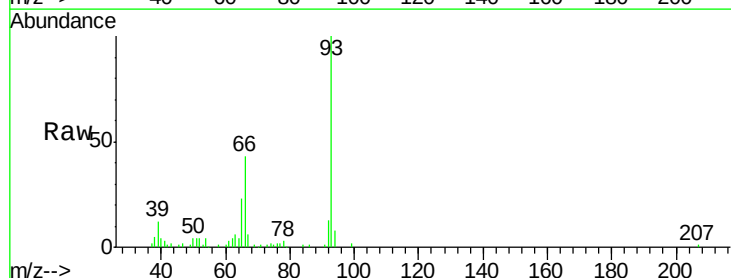
Tgt Ion: 93 Resp: 132728

Ion Ratio Lower Upper

93 100

66 43.0 33.9 50.9

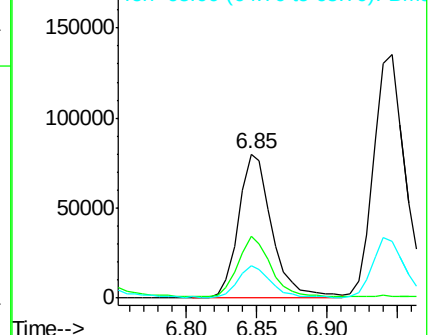
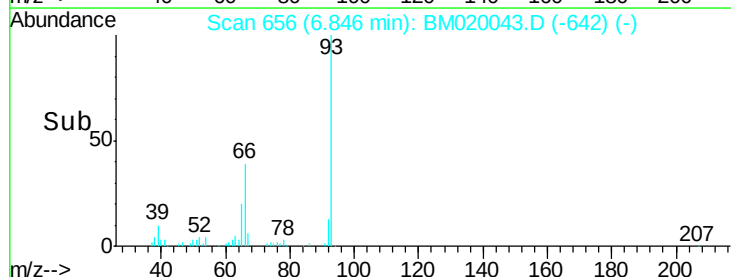
65 22.9 17.0 25.6

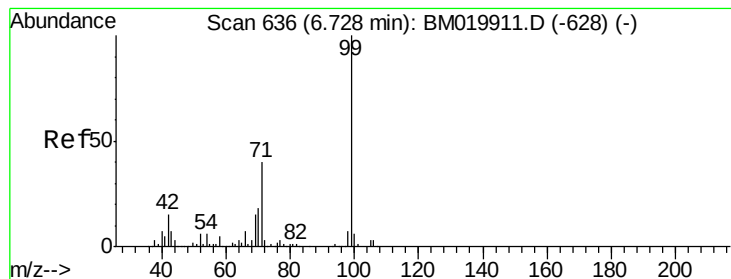


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 121.131 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

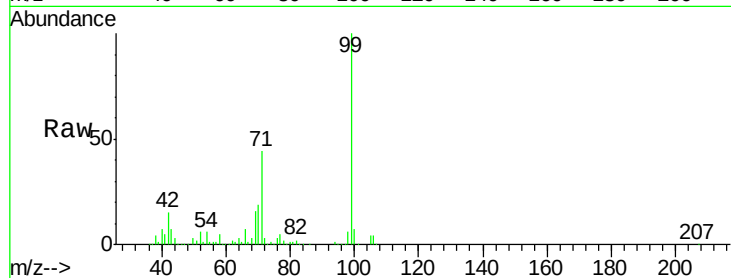
Tot Ion: 99 Resp: 892461

Ion Ratio Lower Upper

99 100

42 15.2 11.8 17.8

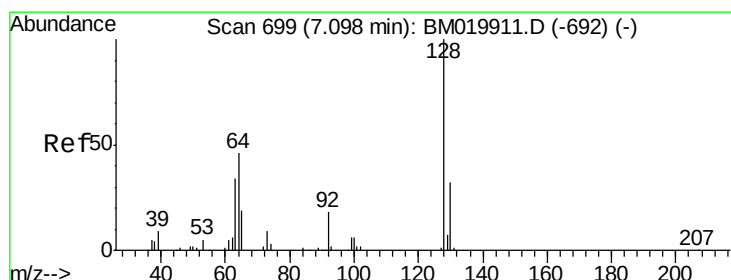
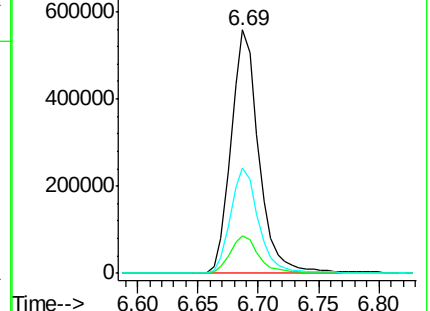
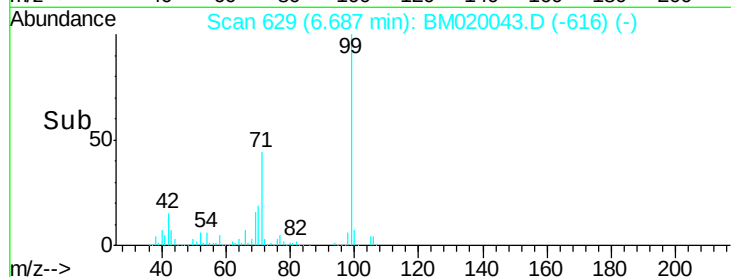
71 43.5 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#8

2-Chlorophenol

Concen: 39.706 ng

RT: 7.06 min Scan# 692

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

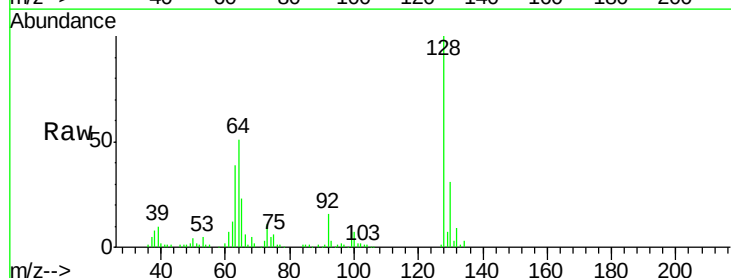
Tgt Ion: 128 Resp: 241767

Ion Ratio Lower Upper

128 100

130 31.0 12.0 52.0

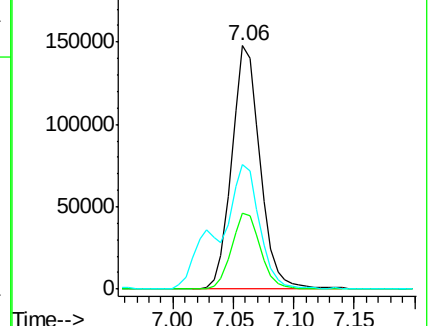
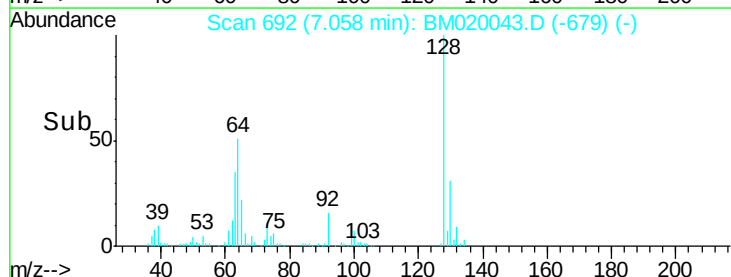
64 51.2 33.0 73.0

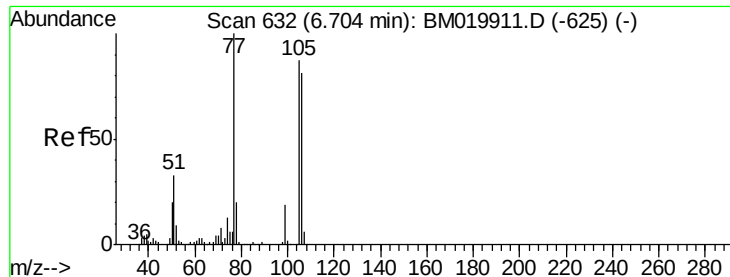


Abundance Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

Ion 130.00 (129.70 to 130.70): BM019911.D (-692) (-)

Ion 64.00 (63.70 to 64.70): BM019911.D (-692) (-)





#9

Benzaldehyde

Concen: 14.104 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampled :

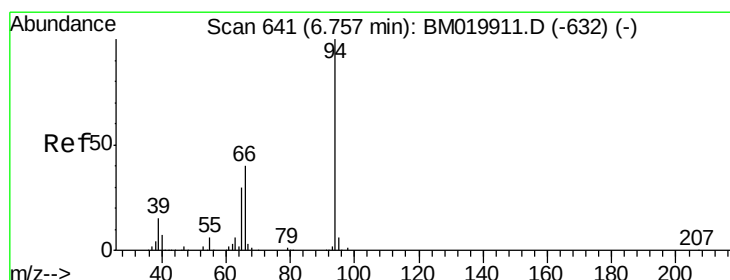
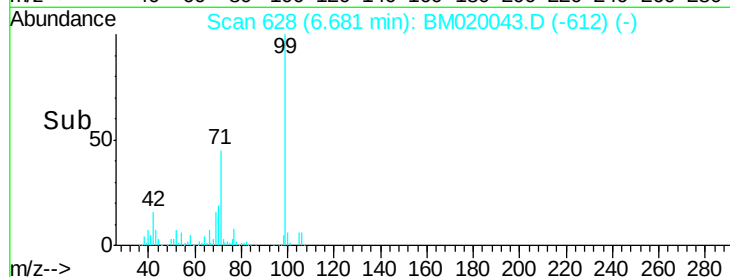
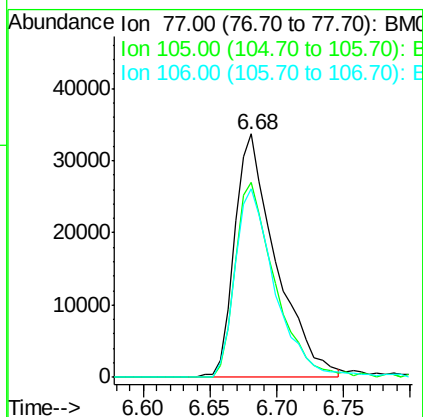
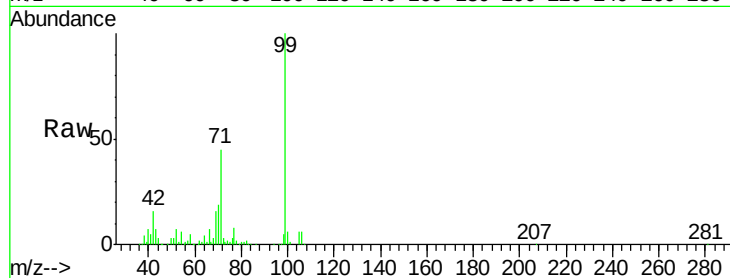
Tot Ion: 77 Resp: 72717

Ion Ratio Lower Upper

77 100

105 80.0 67.3 107.3

106 77.2 60.6 100.6



#10

Phenol

Concen: 39.305 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

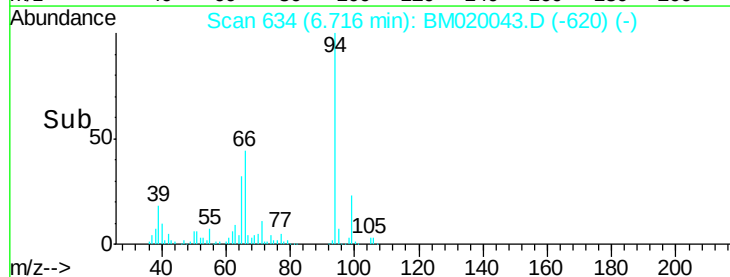
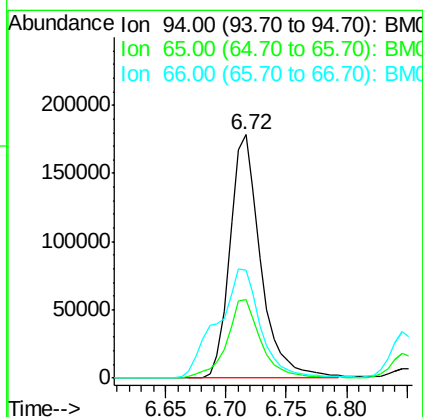
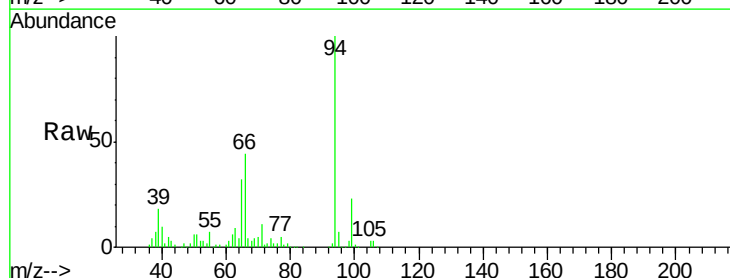
Tgt Ion: 94 Resp: 316395

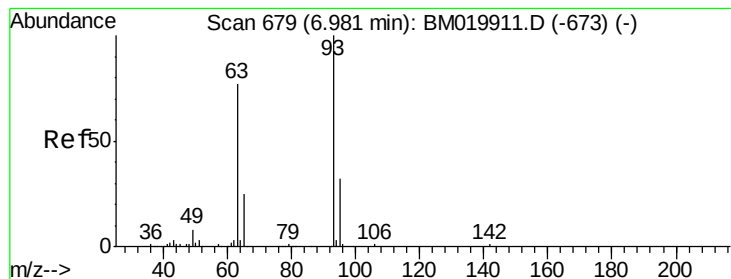
Ion Ratio Lower Upper

94 100

65 32.1 10.0 50.0

66 44.4 20.2 60.2

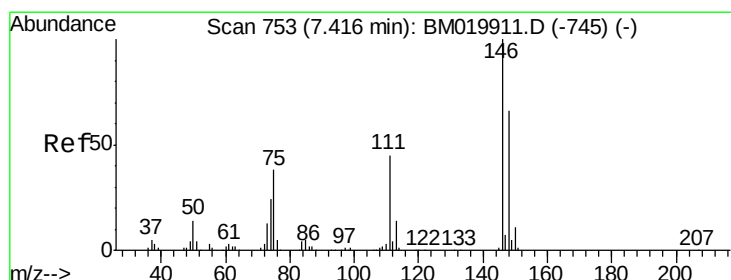
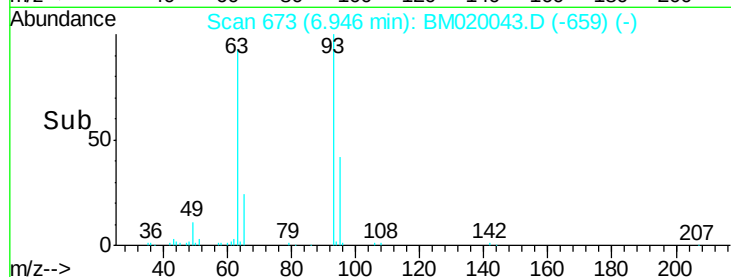
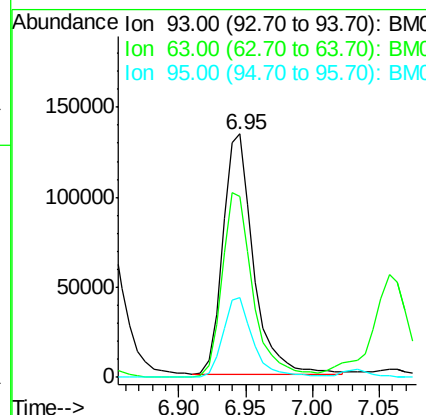
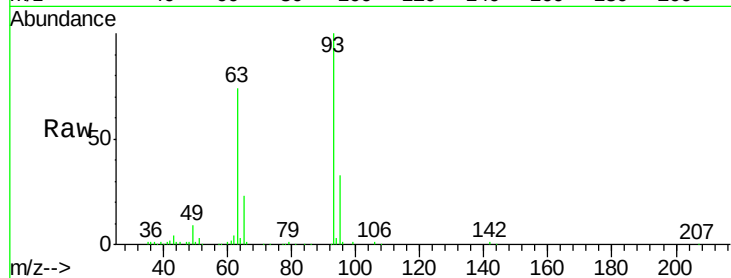




#11
bis(2-Chloroethyl)ether
Concen: 36.140 ng
RT: 6.95 min Scan# 673
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

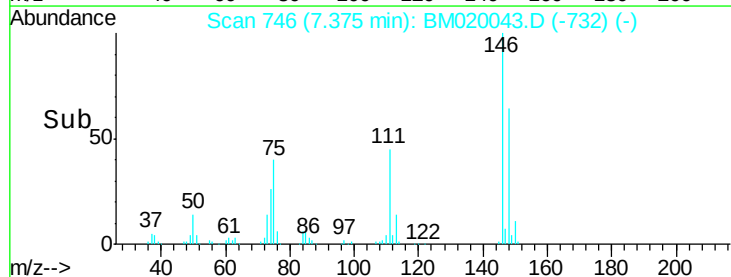
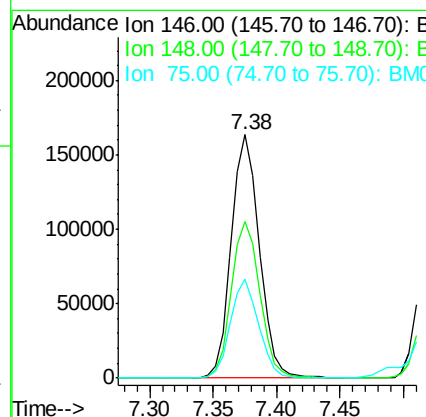
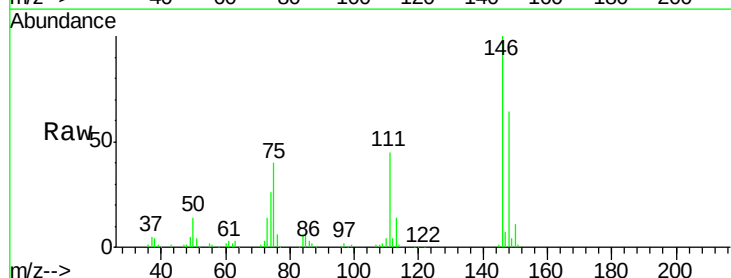
Instrument :
BNA_M
ClientSampleId :

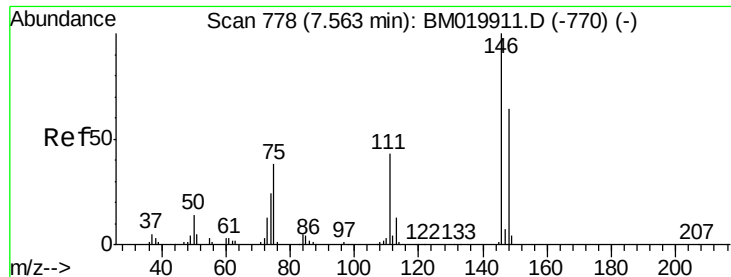
Tot Ion: 93 Resp: 212852
Ion Ratio Lower Upper
93 100
63 74.3 55.8 95.8
95 32.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 39.285 ng
RT: 7.38 min Scan# 746
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion: 146 Resp: 251118
Ion Ratio Lower Upper
146 100
148 64.3 52.6 78.8
75 40.5 30.0 45.0

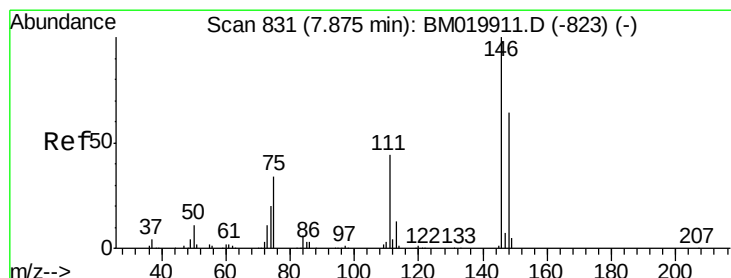
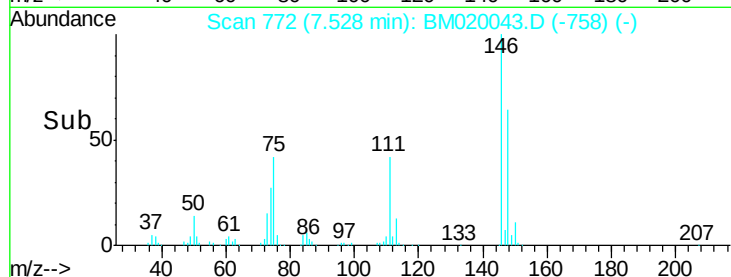
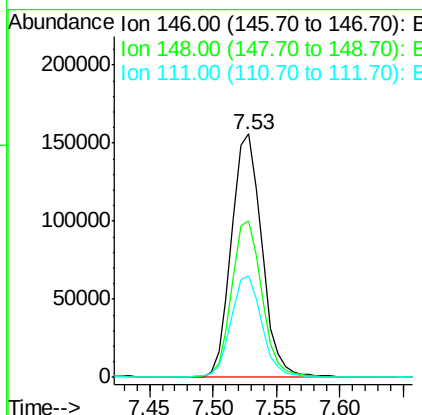
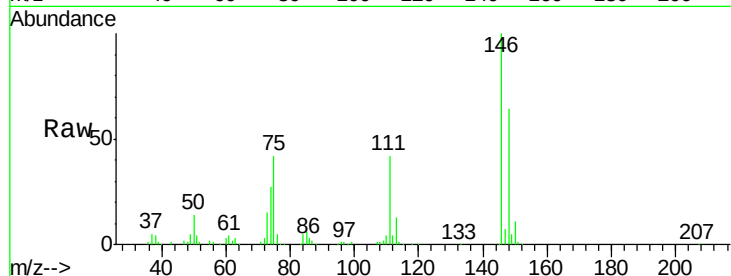




#13
 1,4-Dichlorobenzene
 Concen: 40.017 ng
 RT: 7.53 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

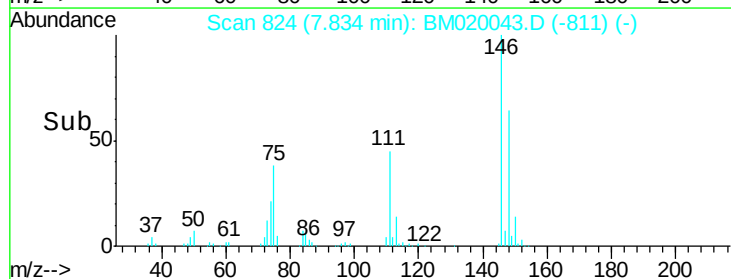
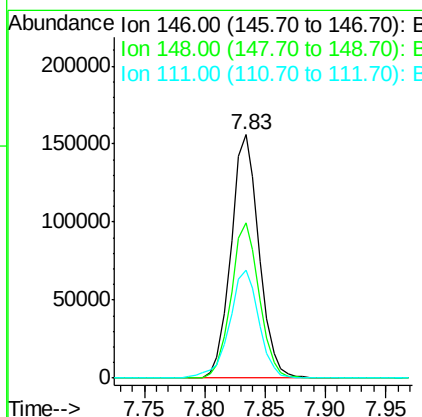
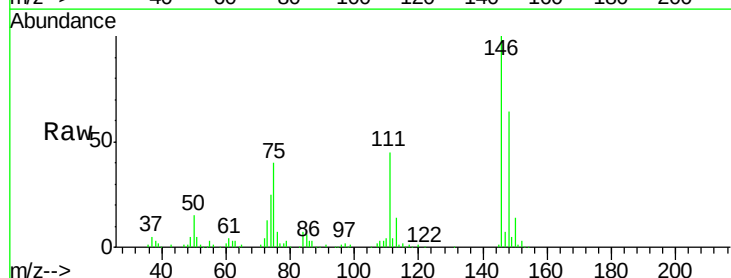
Instrument :
 BNA_M
 ClientSampleId :

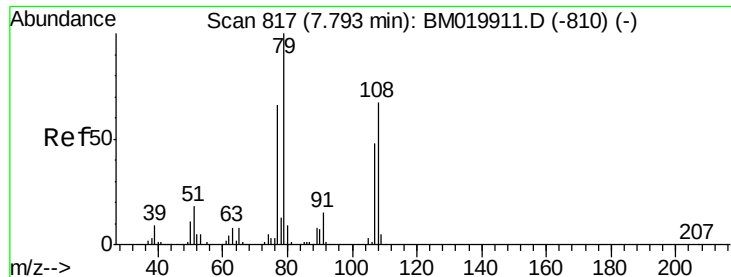
Tot Ion:146 Resp: 259533
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 41.6 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 39.172 ng
 RT: 7.83 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion:146 Resp: 251902
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.2
 111 44.6 35.4 53.0





#15

Benzyl Alcohol

Concen: 35.929 ng

RT: 7.76 min Scan# 811

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

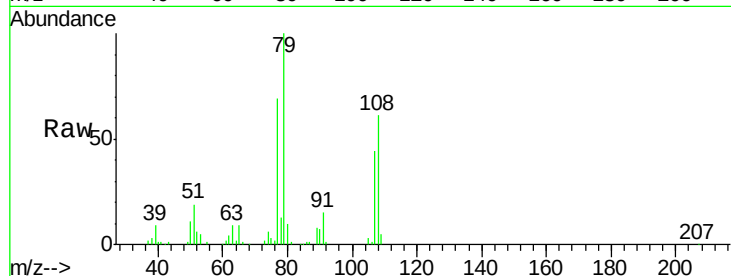
Tot Ion: 79 Resp: 240657

Ion Ratio Lower Upper

79 100

108 61.4 53.9 80.9

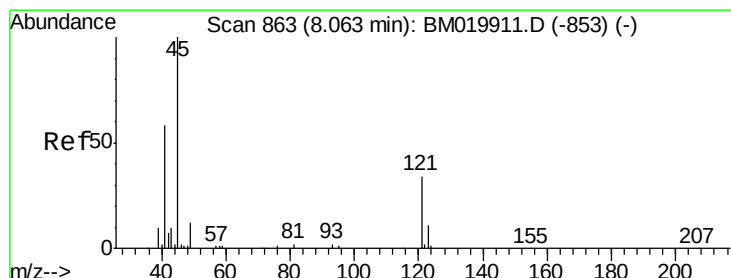
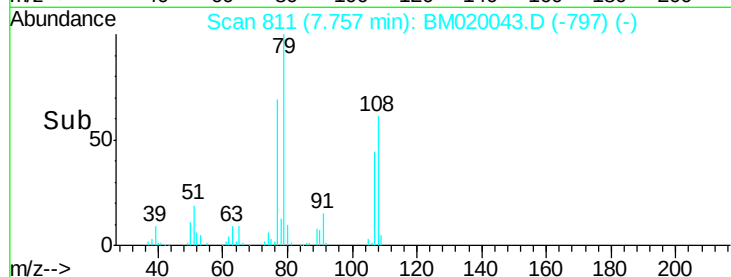
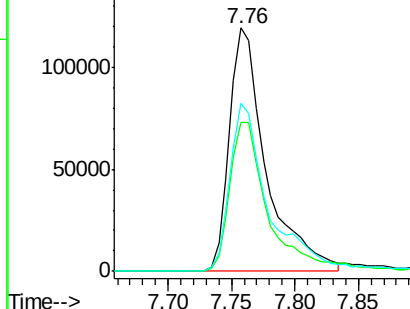
77 68.8 53.1 79.7



Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM019911.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM019911.D (-810) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.639 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

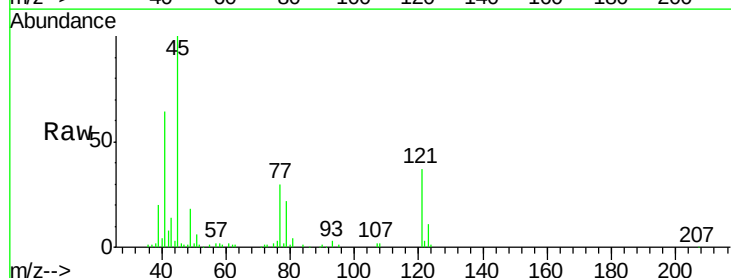
Tgt Ion: 45 Resp: 188867

Ion Ratio Lower Upper

45 100

77 30.0 7.2 47.2

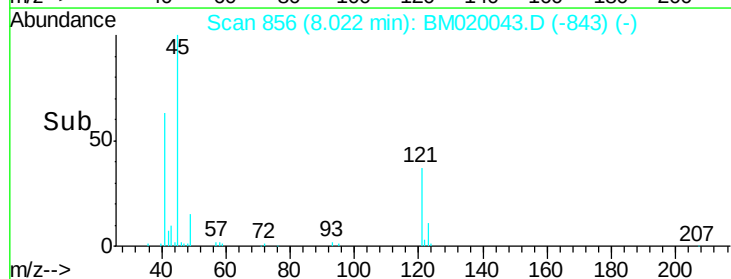
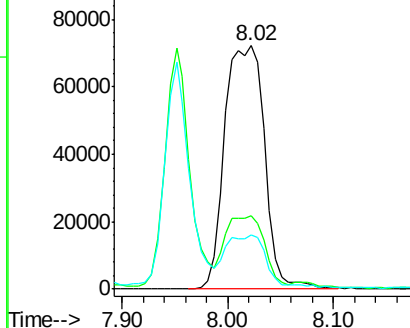
79 22.3 1.2 41.2

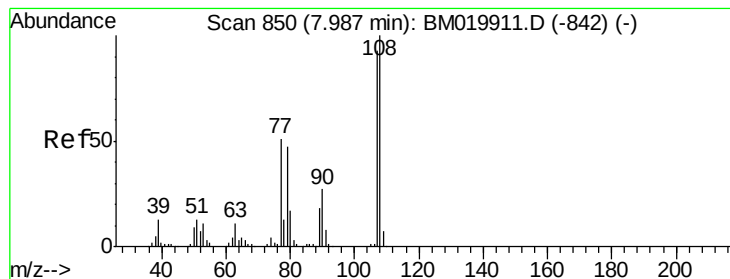


Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)

Ion 77.00 (76.70 to 77.70): BM019911.D (-853) (-)

Ion 79.00 (78.70 to 79.70): BM019911.D (-853) (-)





#17

2-Methylphenol

Concen: 37.445 ng

RT: 7.95 min Scan# 844

Delta R.T. -0.02 min

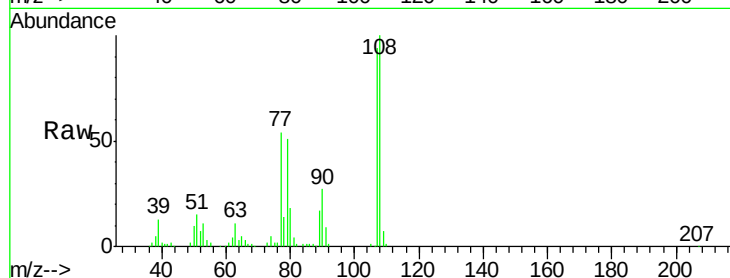
Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :



Tot Ion:107 Resp: 199493

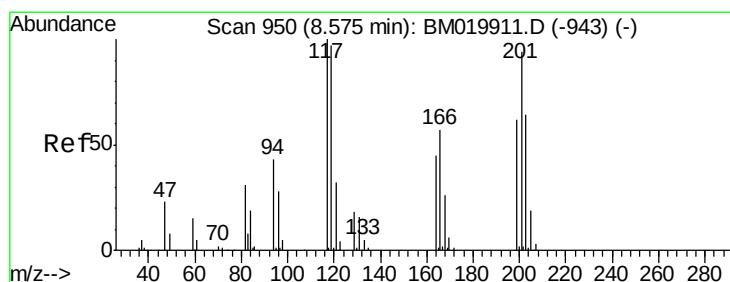
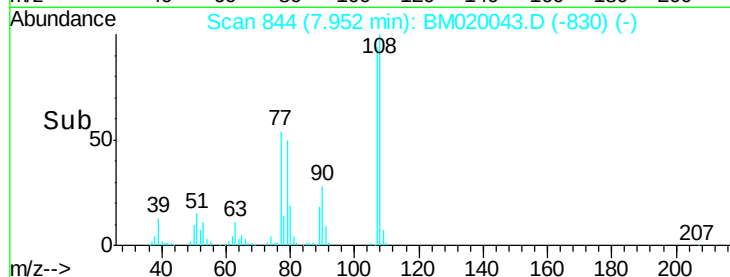
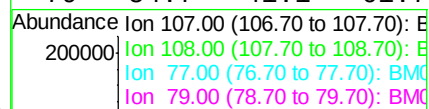
Ion Ratio Lower Upper

107 100

108 106.7 85.9 128.9

77 58.1 43.8 65.6

79 54.7 41.1 61.7



#18

Hexachloroethane

Concen: 39.176 ng

RT: 8.53 min Scan# 943

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

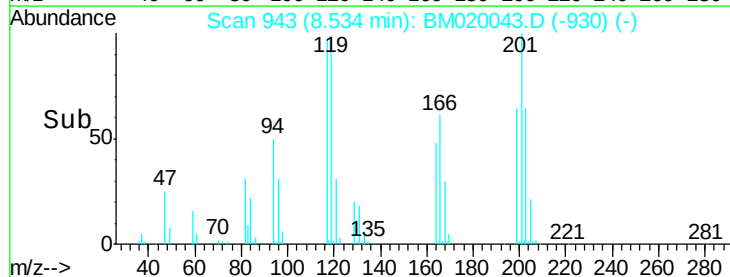
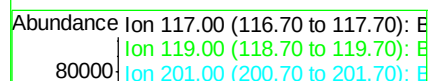
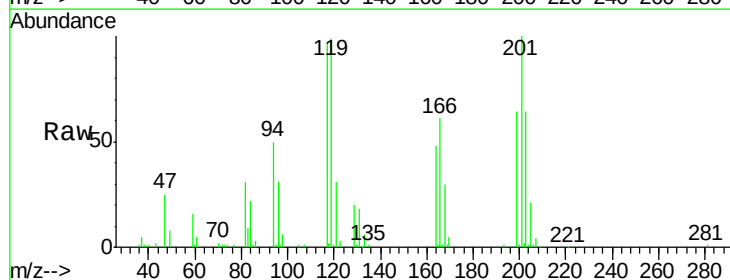
Tgt Ion:117 Resp: 98765

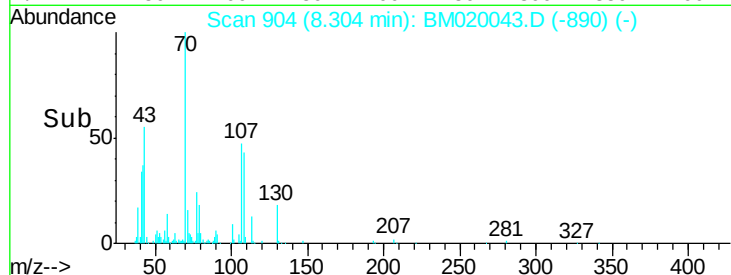
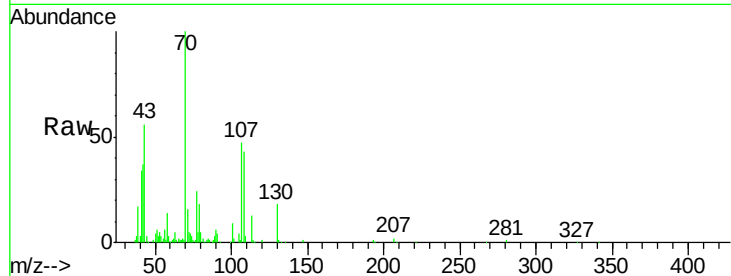
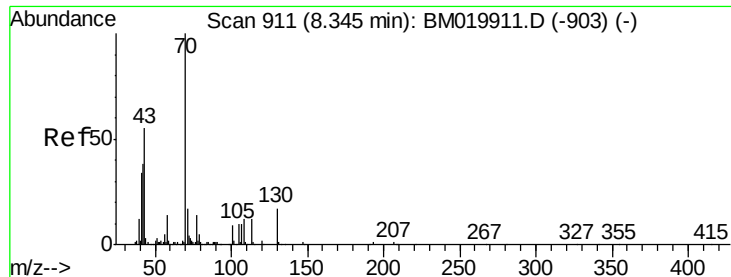
Ion Ratio Lower Upper

117 100

119 102.2 77.6 116.4

201 103.5 75.4 113.2

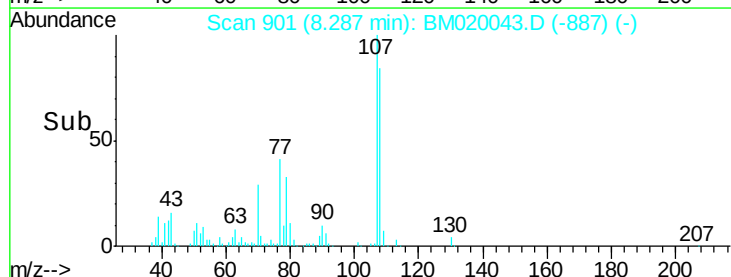
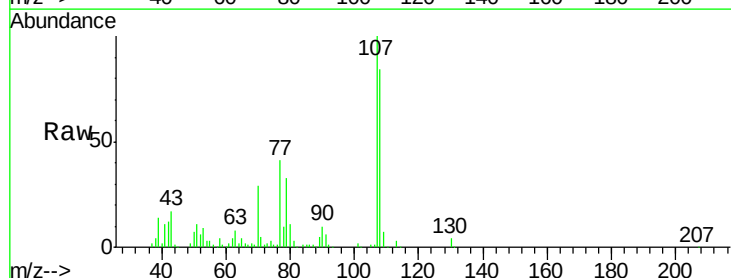
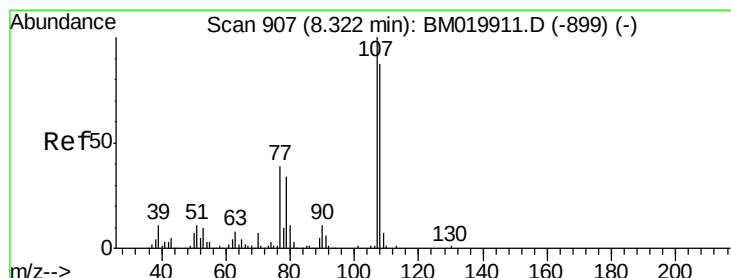
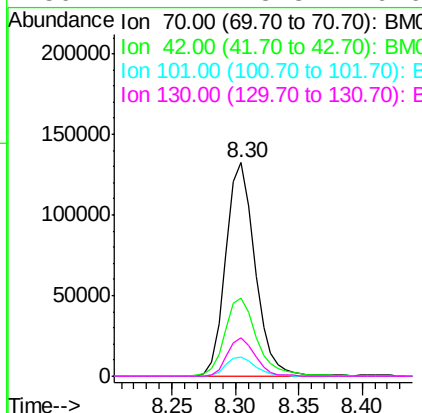




#19
n-Nitroso-di-n-propylamine
Concen: 32.828 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

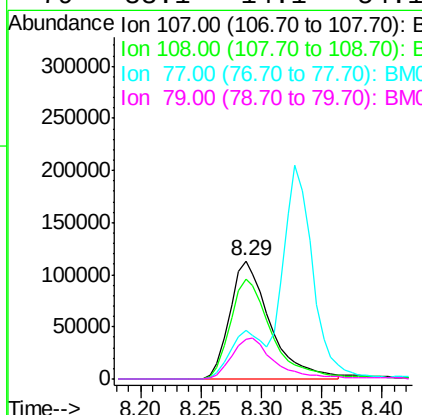
Instrument :
BNA_M
ClientSampleId :

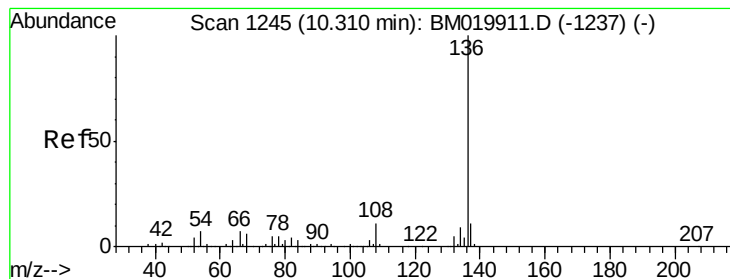
Tot Ion:	70	Resp:	212614
Ion	Ratio	Lower	Upper
70	100		
42	36.6	30.3	45.5
101	8.8	6.9	10.3
130	17.7	13.8	20.6



#20
3+4-Methylphenols
Concen: 36.074 ng
RT: 8.29 min Scan# 901
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion:	107	Resp:	264011
Ion	Ratio	Lower	Upper
107	100		
108	84.4	67.4	107.4
77	40.9	19.7	59.7
79	33.1	14.1	54.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 300902

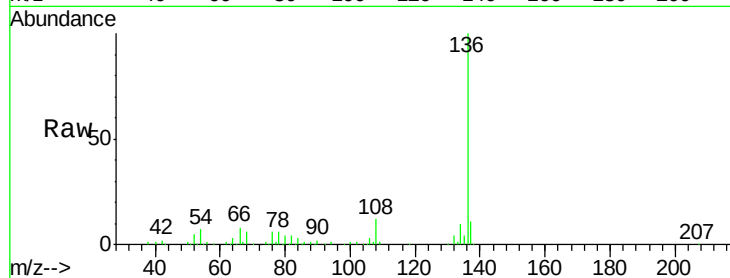
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.9 5.3 7.9

68 6.5 5.2 7.8

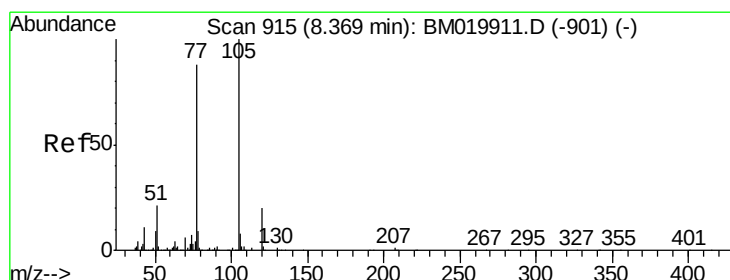
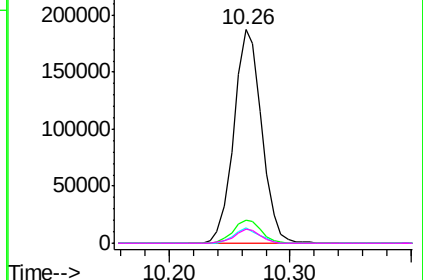
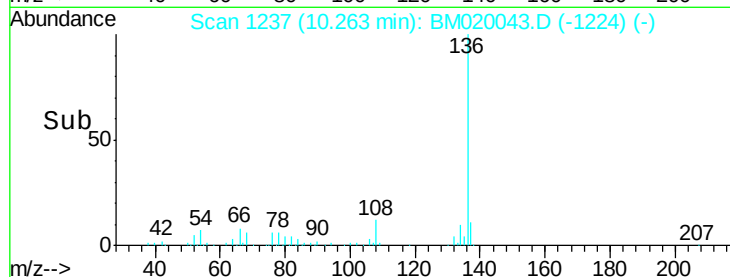


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22

Acetophenone

Concen: 44.000 ng

RT: 8.33 min Scan# 908

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:105 Resp: 360609

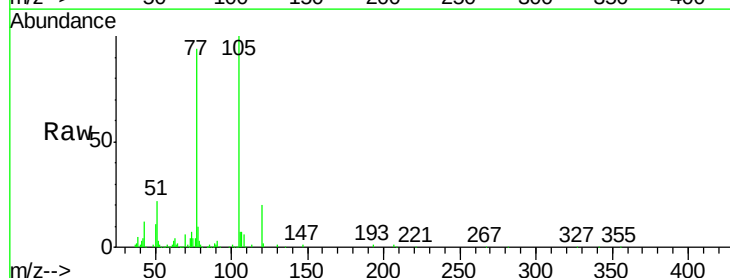
Ion Ratio Lower Upper

105 100

71 1.1 0.8 1.2

51 22.3 16.9 25.3

120 20.4 16.4 24.6

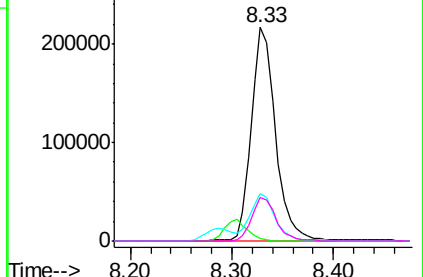
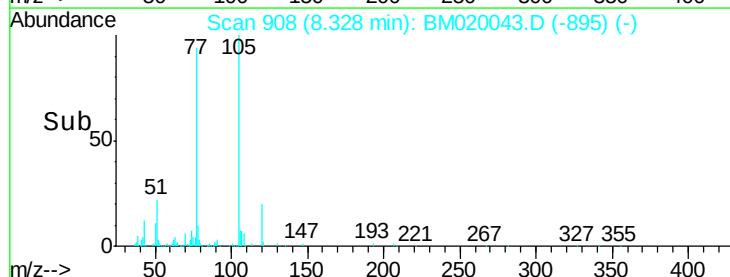


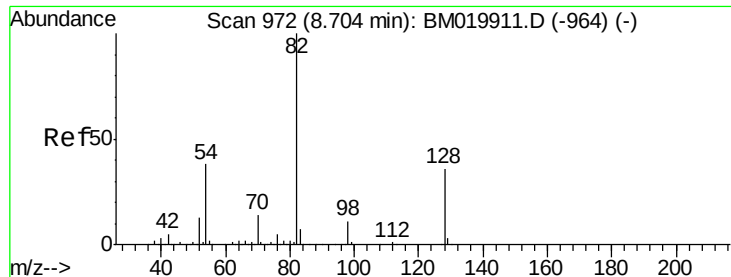
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.087 ng

RT: 8.66 min Scan# 965

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampled :

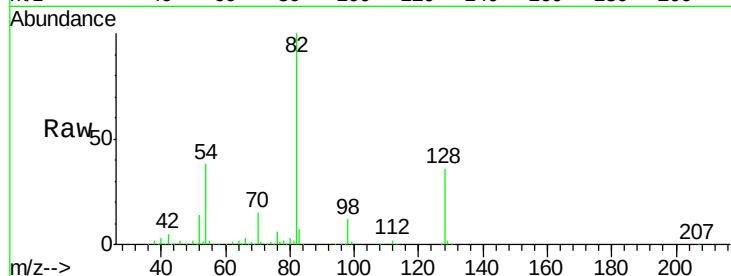
Tot Ion: 82 Resp: 585953

Ion Ratio Lower Upper

82 100

128 36.0 29.0 43.4

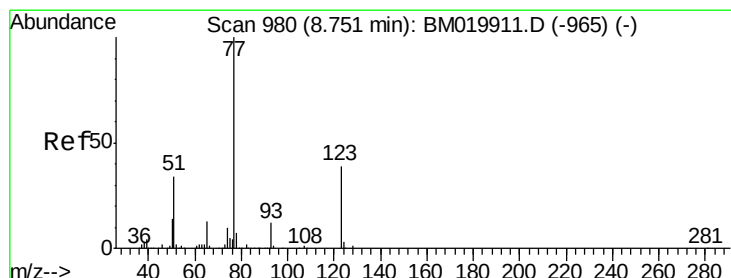
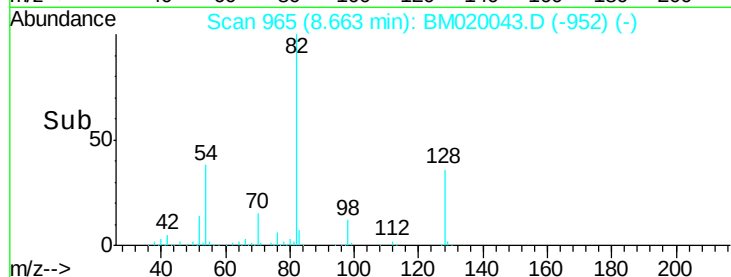
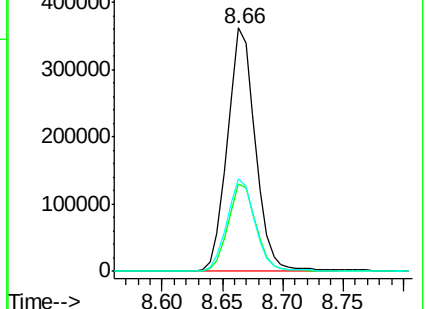
54 38.0 30.2 45.4



Abundance Ion 82.00 (81.70 to 82.70): BM019911.D (-964) (-)

Ion 128.00 (127.70 to 128.70): BM019911.D (-964) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-964) (-)



#24

Nitrobenzene

Concen: 45.084 ng

RT: 8.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

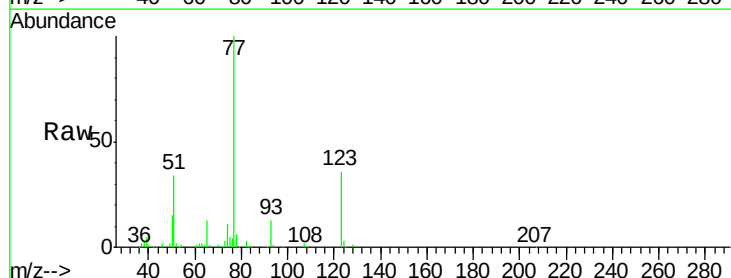
Tgt Ion: 77 Resp: 314241

Ion Ratio Lower Upper

77 100

123 36.0 31.0 46.4

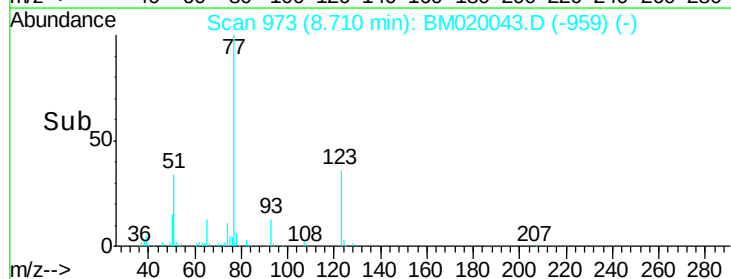
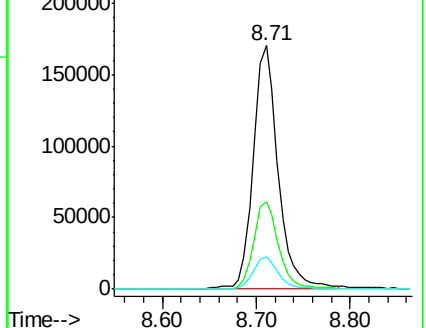
65 13.2 10.6 16.0

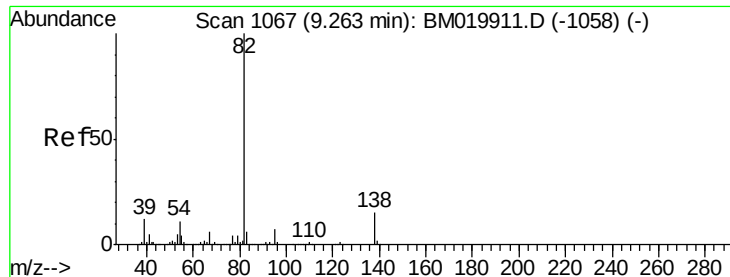


Abundance Ion 77.00 (76.70 to 77.70): BM019911.D (-965) (-)

Ion 123.00 (122.70 to 123.70): BM019911.D (-965) (-)

Ion 65.00 (64.70 to 65.70): BM019911.D (-965) (-)





#25

Isophorone

Concen: 40.269 ng

RT: 9.22 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

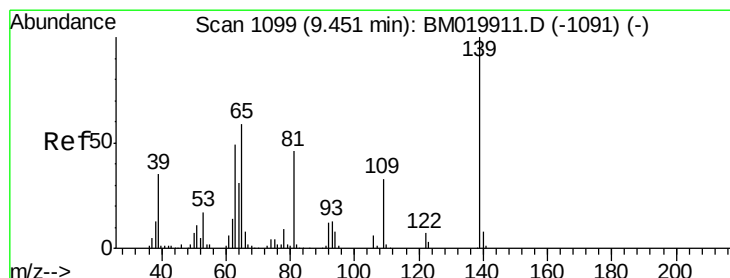
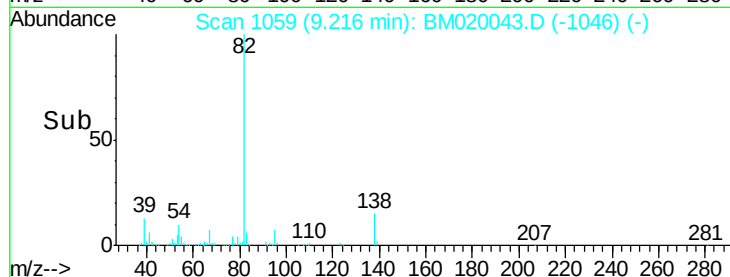
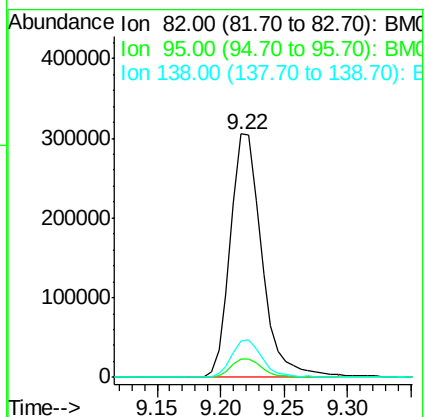
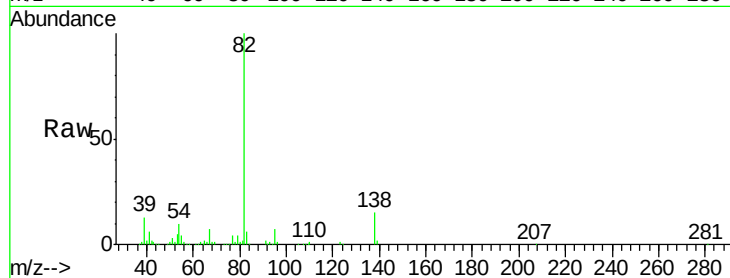
Tot Ion: 82 Resp: 527435

Ion Ratio Lower Upper

82 100

95 7.4 5.5 8.3

138 14.9 12.2 18.2



#26

2-Nitrophenol

Concen: 40.403 ng

RT: 9.41 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

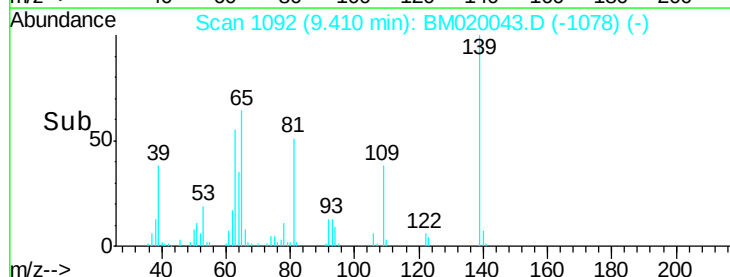
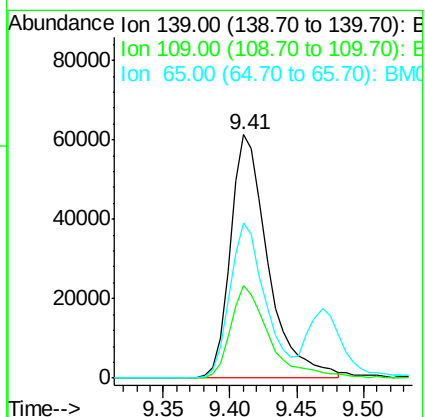
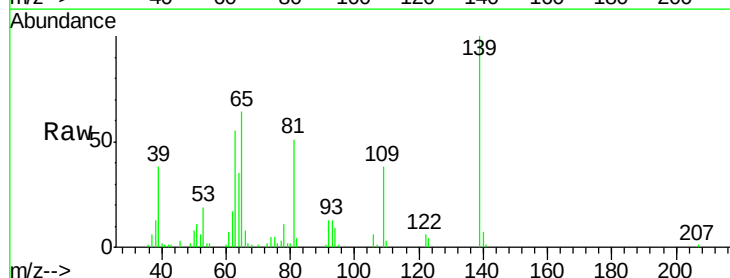
Tgt Ion: 139 Resp: 120009

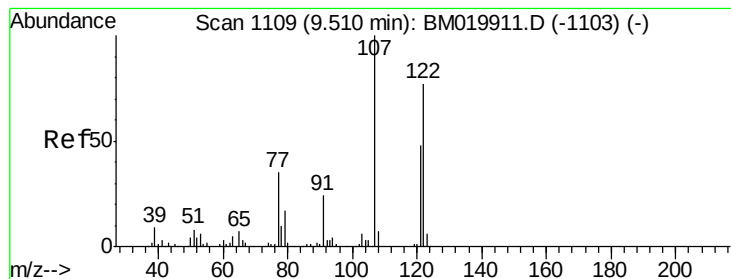
Ion Ratio Lower Upper

139 100

109 37.9 26.3 39.5

65 63.6 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 46.633 ng

RT: 9.47 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

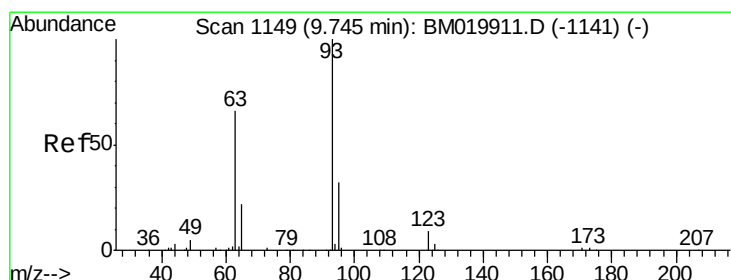
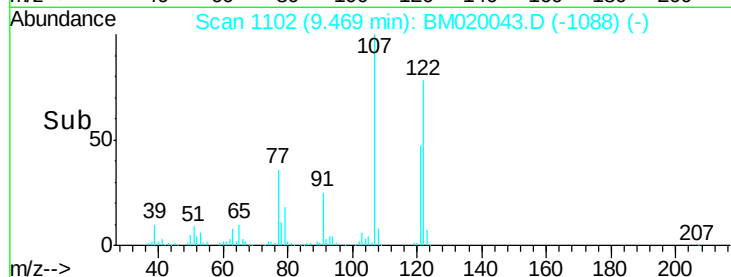
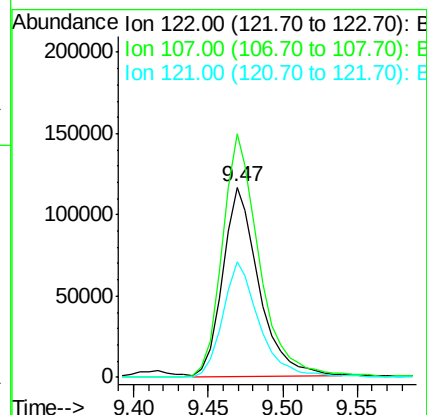
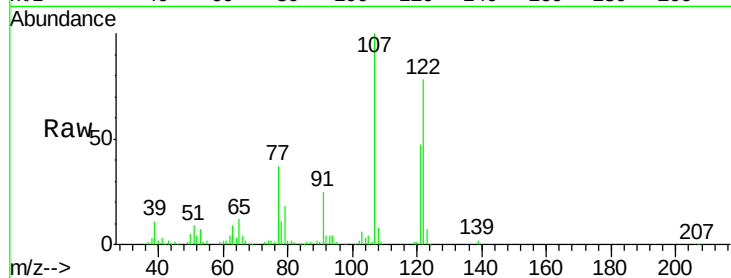
Tot Ion:122 Resp: 195846

Ion Ratio Lower Upper

122 100

107 128.1 103.1 154.7

121 60.8 49.8 74.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.962 ng

RT: 9.70 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

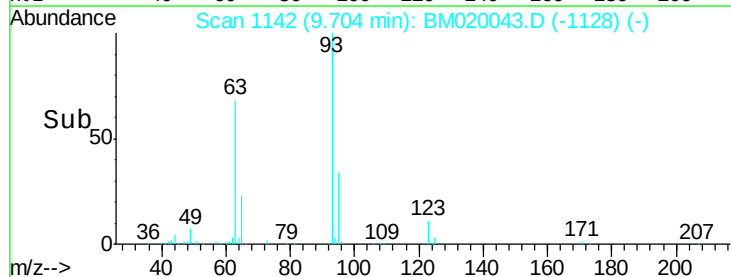
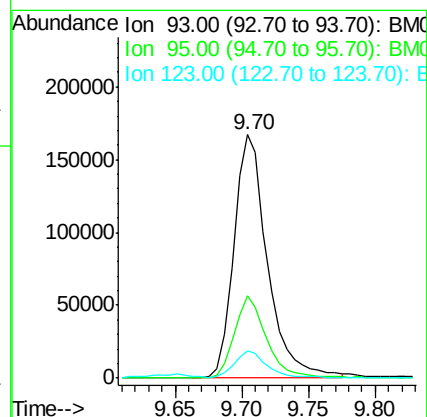
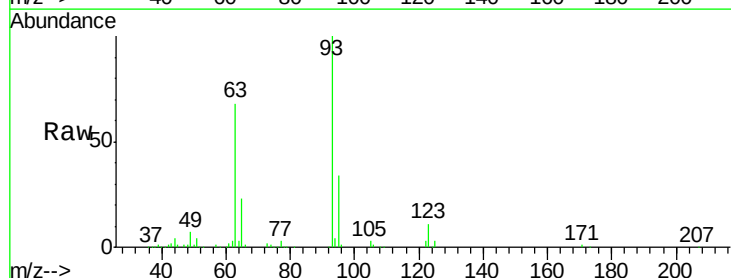
Tgt Ion: 93 Resp: 293091

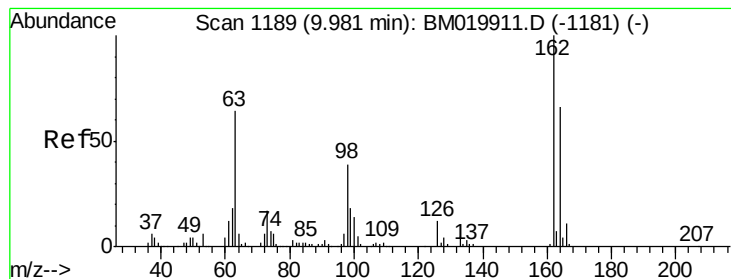
Ion Ratio Lower Upper

93 100

95 33.6 25.8 38.8

123 11.1 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 43.451 ng

RT: 9.96 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

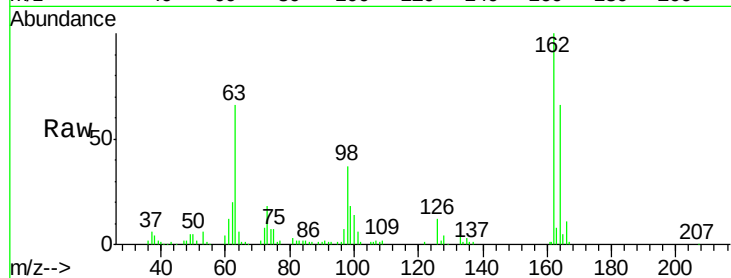
Tot Ion:162 Resp: 207254

Ion Ratio Lower Upper

162 100

164 65.8 46.3 86.3

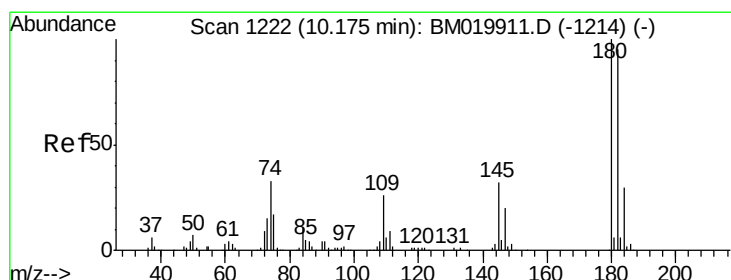
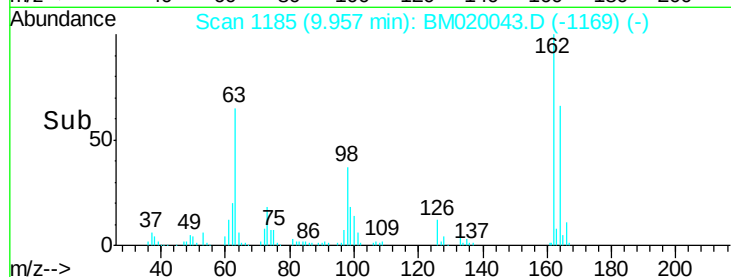
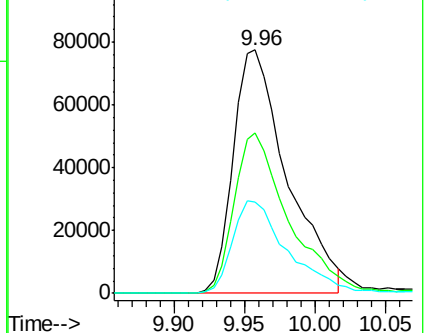
98 37.4 19.2 59.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 46.374 ng

RT: 10.13 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

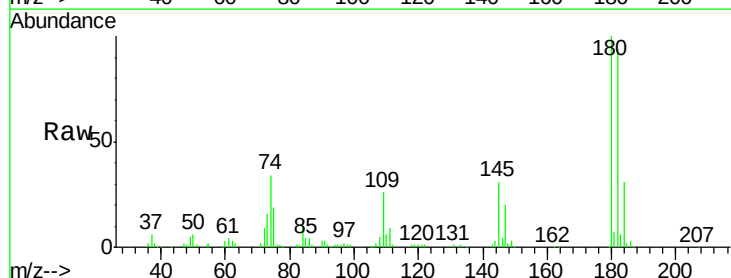
Tgt Ion:180 Resp: 238069

Ion Ratio Lower Upper

180 100

182 94.3 76.3 114.5

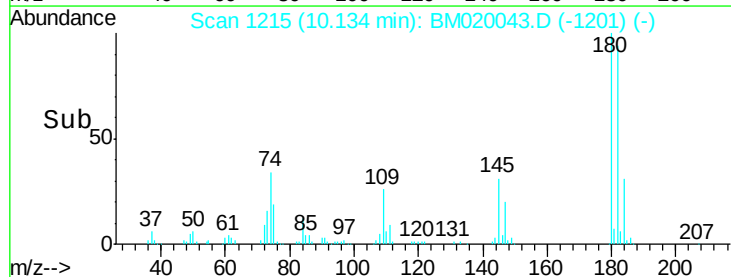
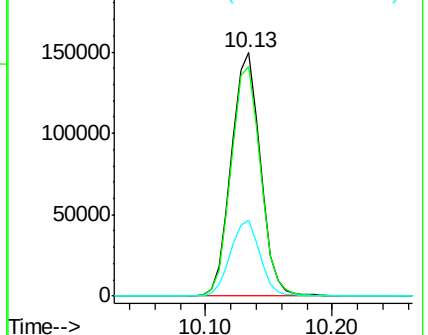
145 31.2 25.5 38.3

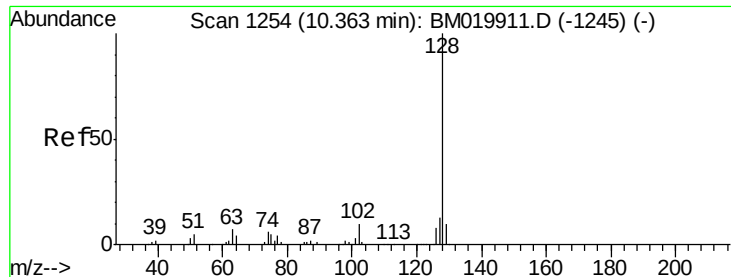


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

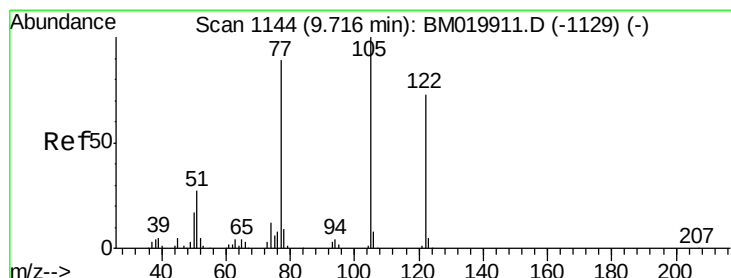
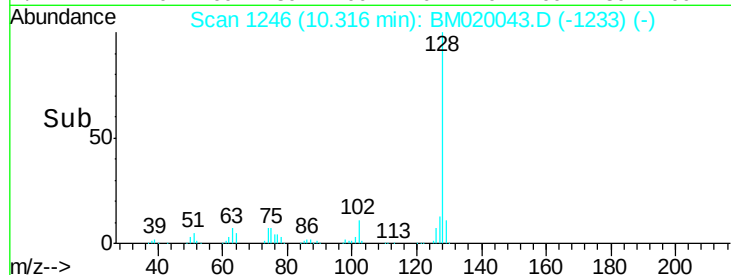
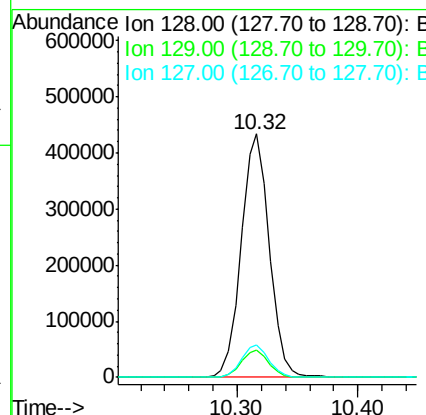
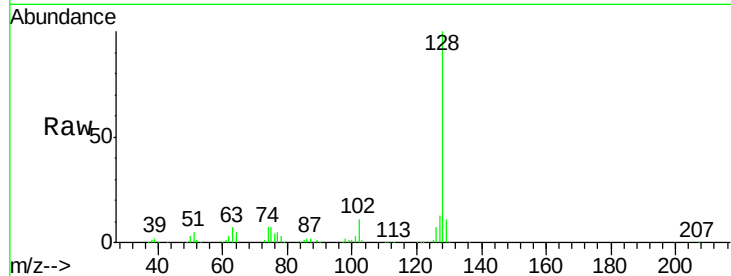




#31
Naphthalene
Concen: 43.586 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

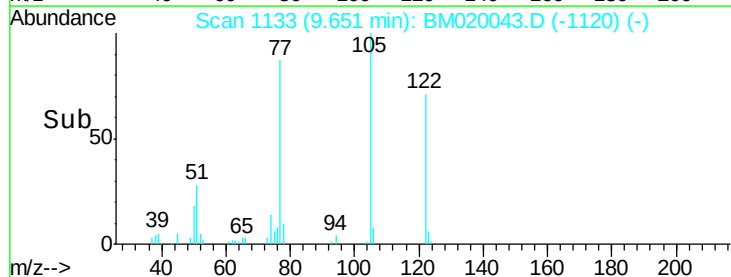
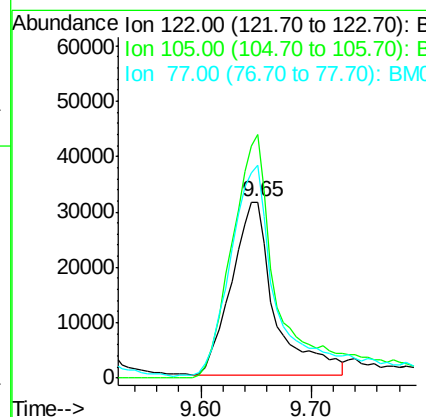
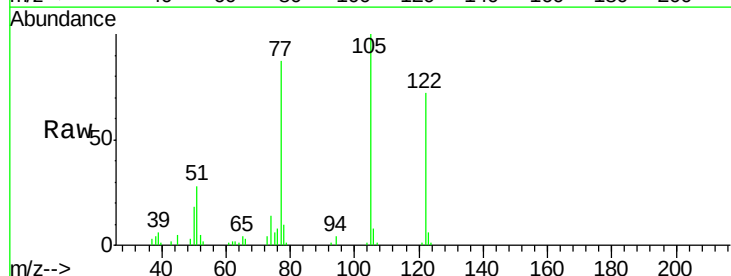
Instrument :
BNA_M
ClientSampled :

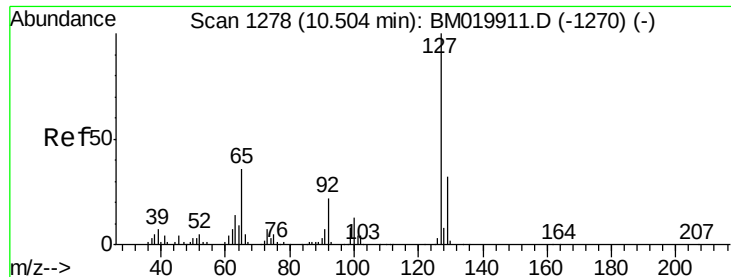
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.4	10.4	15.6



#32
Benzoic acid
Concen: 24.569 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.5	114.8	154.8
77	121.1	100.2	140.2

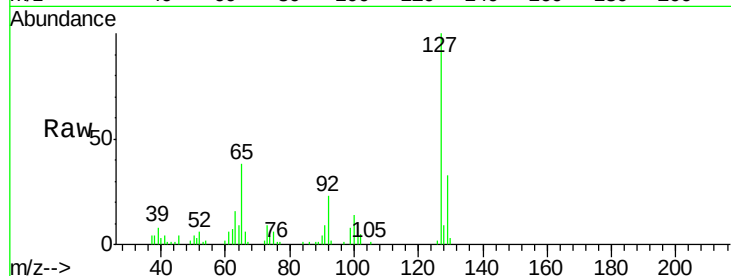




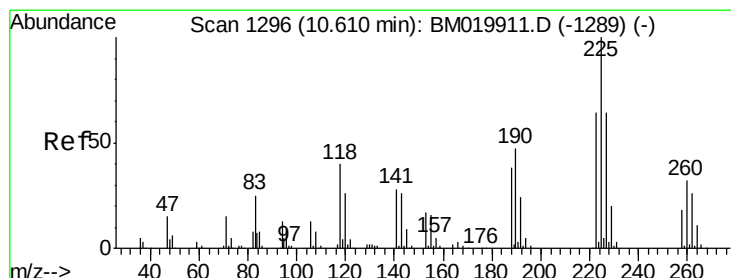
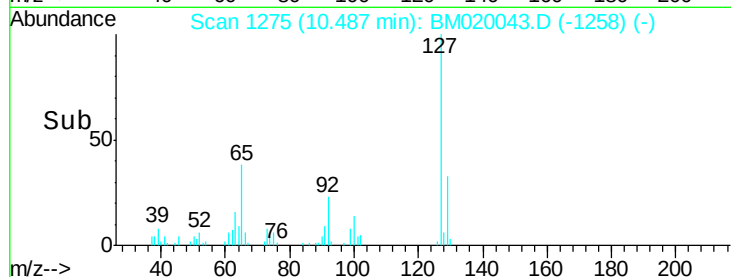
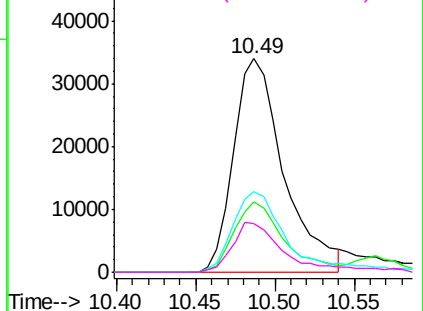
#33
4-Chloroaniline
Concen: 11.256 ng
RT: 10.49 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampled :

Tot Ion:127	Resp:	74839	
Ion Ratio	Lower	Upper	
127 100			
129 32.8	25.4	38.0	
65 37.7	29.2	43.8	
92 23.0	17.5	26.3	

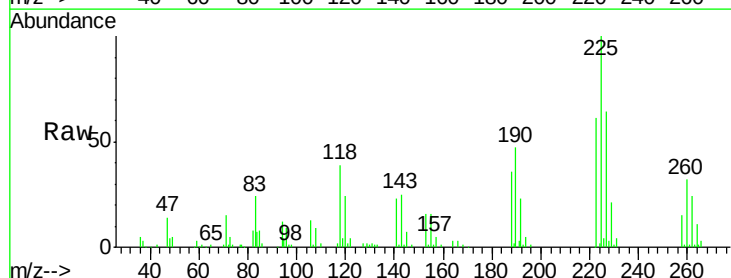


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

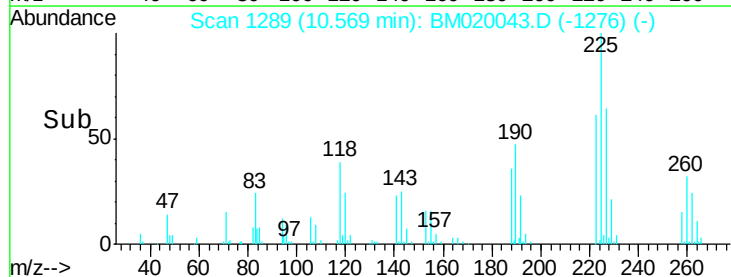
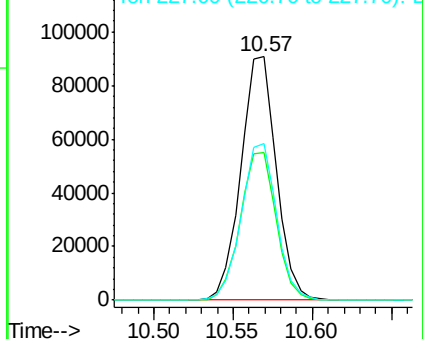


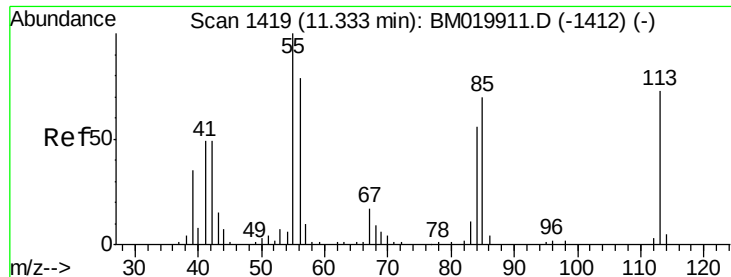
#34
Hexachlorobutadiene
Concen: 46.428 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt	Ion:225	Resp:	140573
Ion	Ratio	Lower	Upper
225	100		
223	60.8	51.4	77.2
227	64.4	51.0	76.6



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

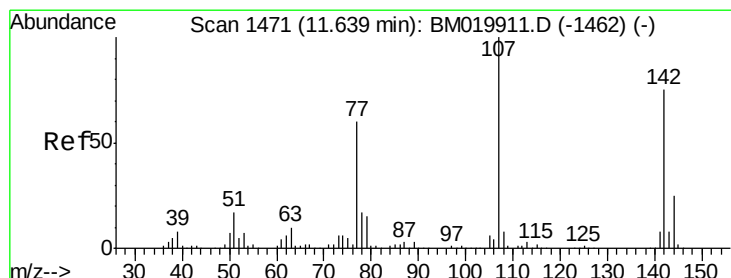
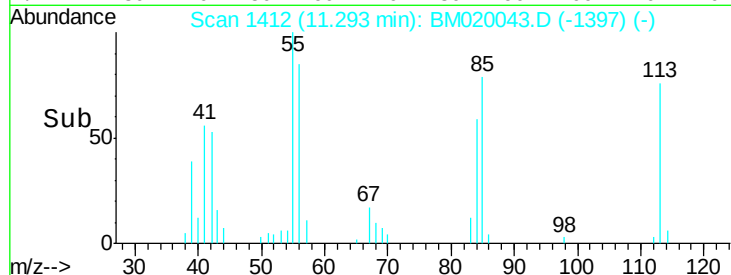
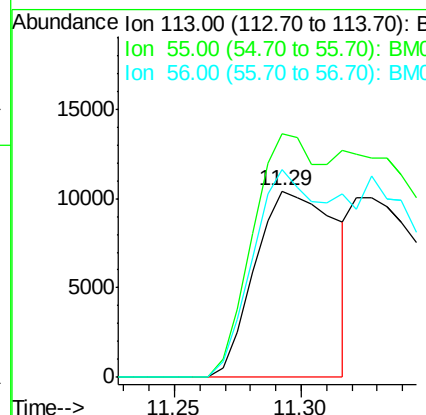
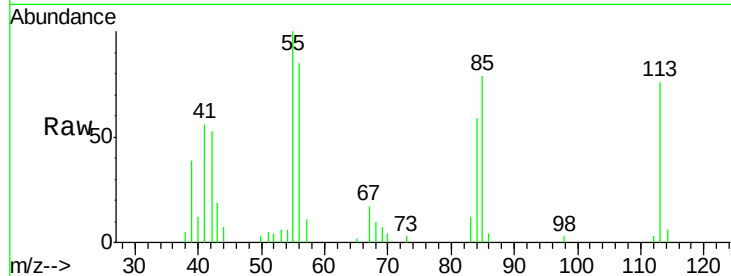




#35
 Caprolactam
 Concen: 12.804 ng
 RT: 11.29 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

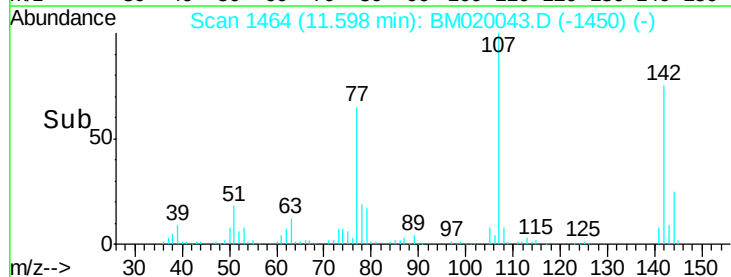
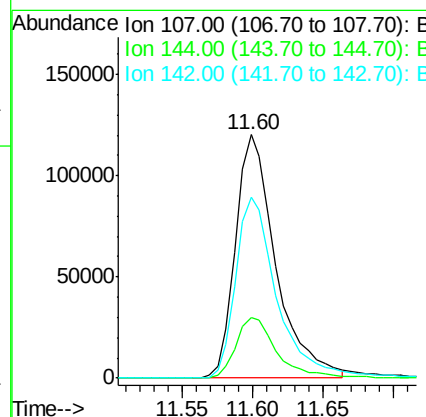
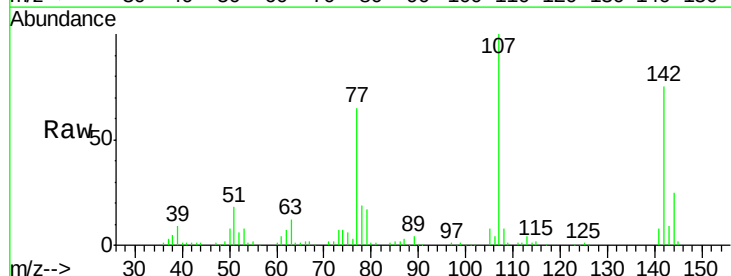
Instrument :
 BNA_M
 ClientSampleId :

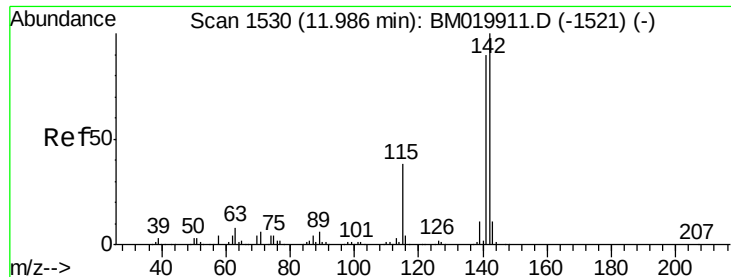
Tot Ion:113 Resp: 23118
 Ion Ratio Lower Upper
 113 100
 55 130.9 117.1 157.1
 56 111.8 88.2 128.2



#36
 4-Chloro-3-methylphenol
 Concen: 40.449 ng
 RT: 11.60 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion:107 Resp: 239726
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.8 29.8
 142 74.5 60.3 90.5

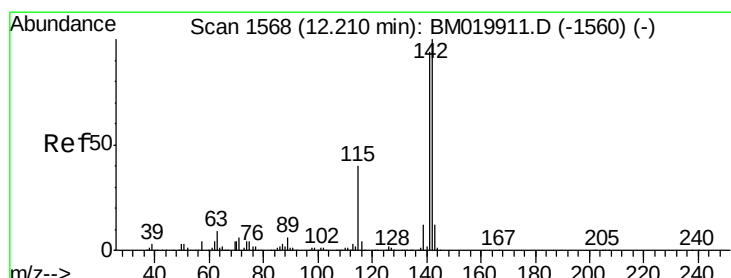
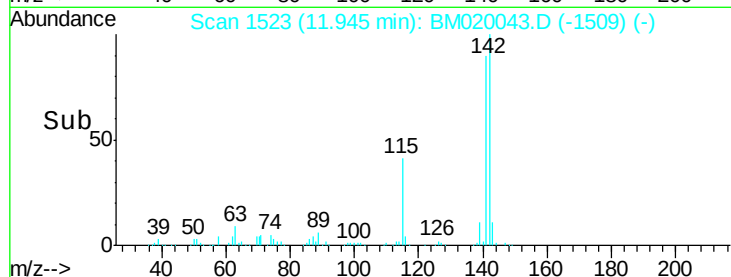
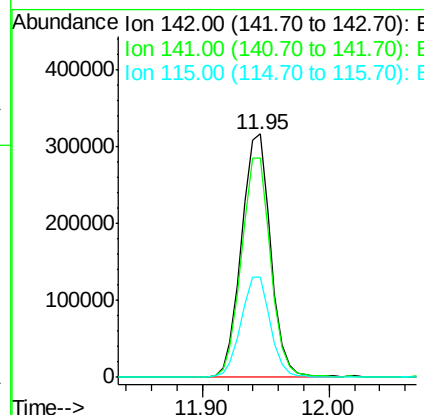
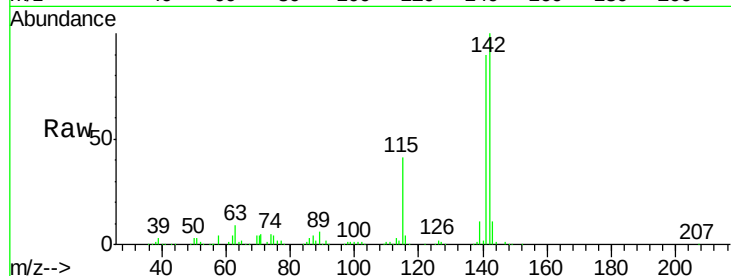




#37
 2-Methylnaphthalene
 Concen: 43.056 ng
 RT: 11.95 min Scan# 1523
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

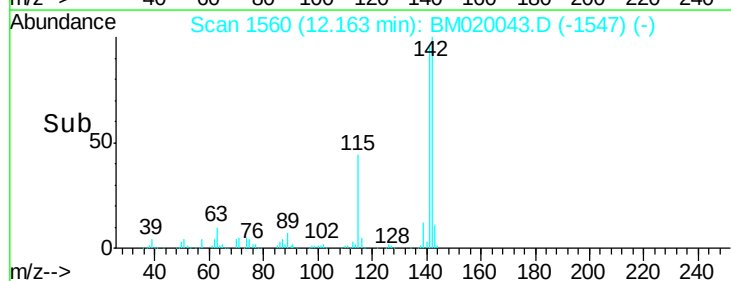
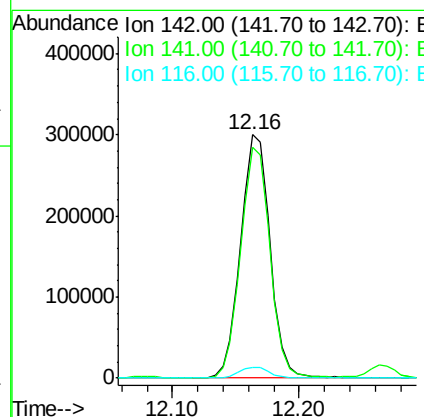
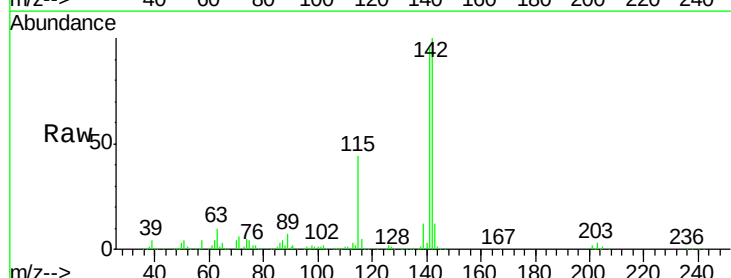
Instrument :
 BNA_M
 ClientSampleId :

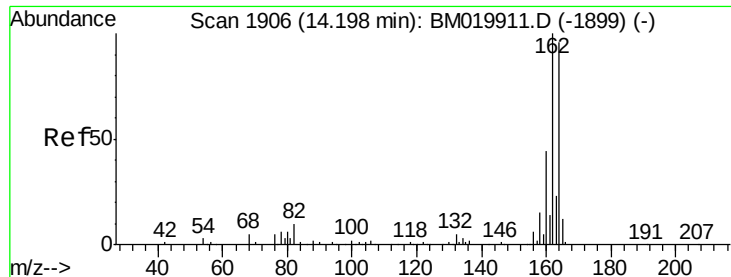
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	41.1	30.5	45.7



#38
 1-Methylnaphthalene
 Concen: 41.315 ng
 RT: 12.16 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.7	113.5
116	4.6	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

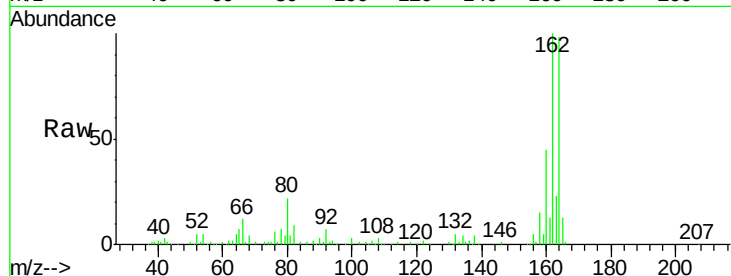
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 173625

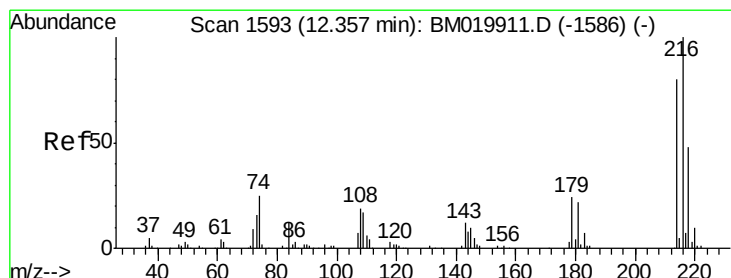
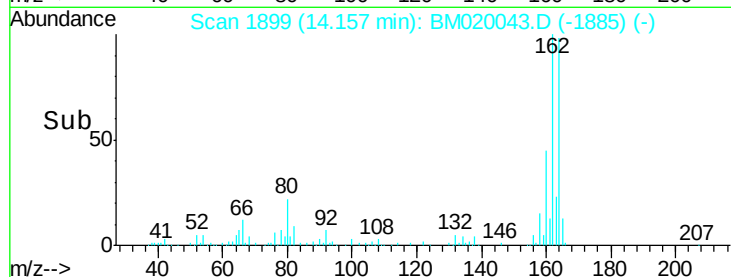
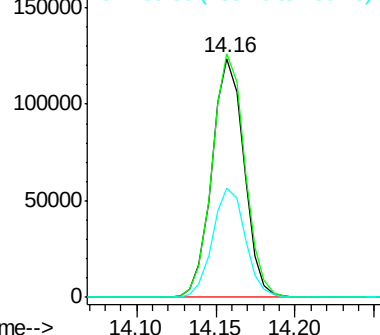
Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.0	124.4
160	45.9	36.6	55.0



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: 45.715 ng

RT: 12.32 min Scan# 1586

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:216 Resp: 244858

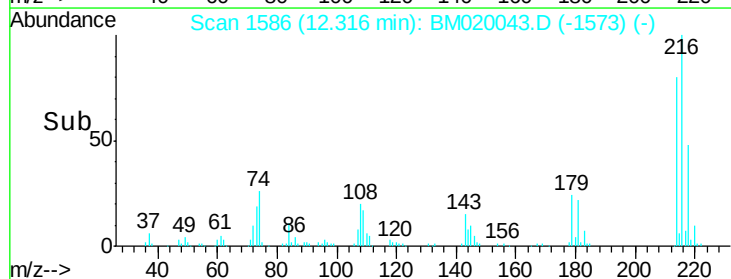
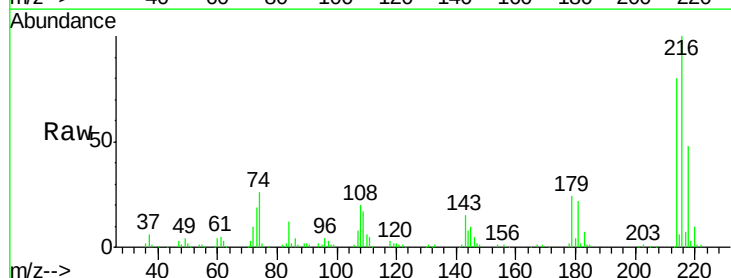
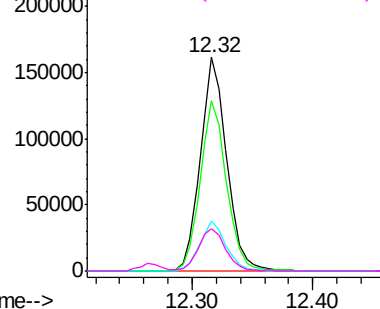
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.1	94.7
179	23.1	19.0	28.6
108	20.5	16.3	24.5

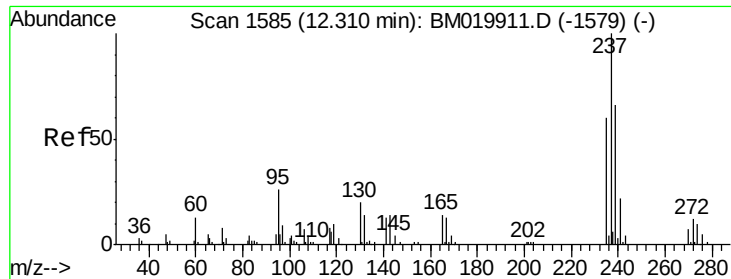
Abundance Ion 216.00 (215.70 to 216.70): E

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

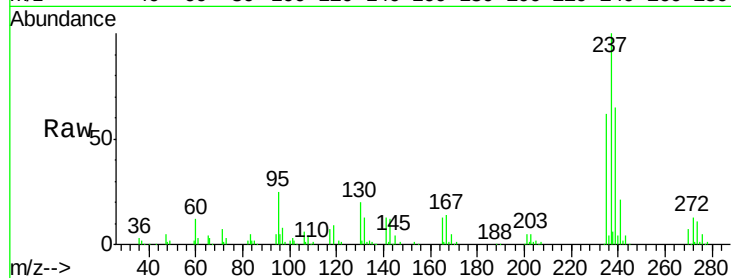




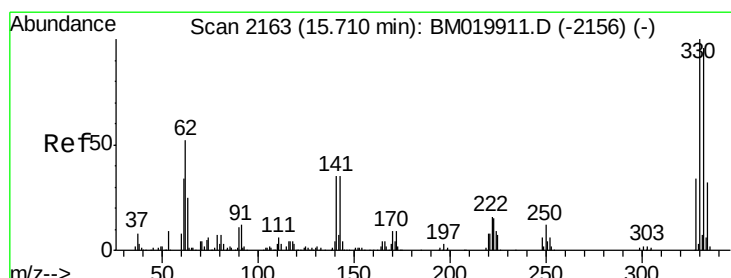
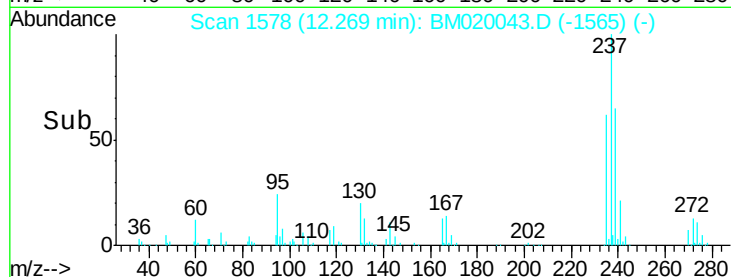
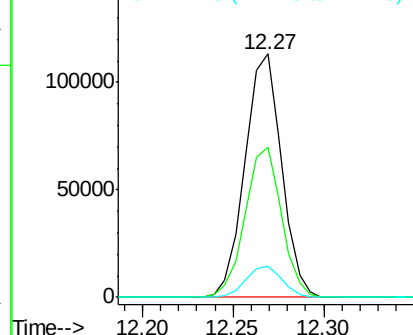
#41
Hexachlorocyclopentadiene
Concen: 83.411 ng
RT: 12.27 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 159278
Ion Ratio Lower Upper
237 100
235 61.9 40.4 80.4
272 12.7 0.0 32.3

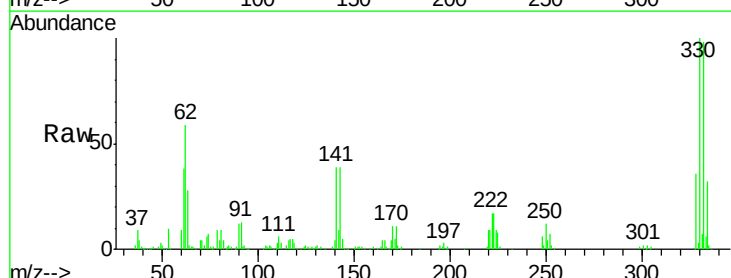


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

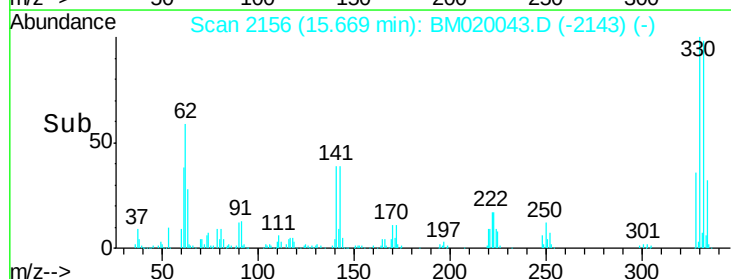
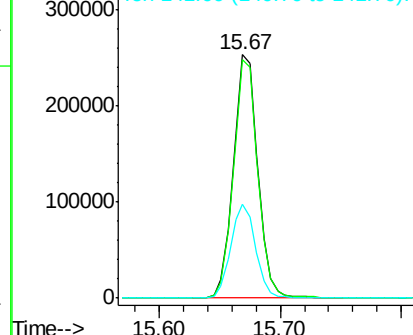


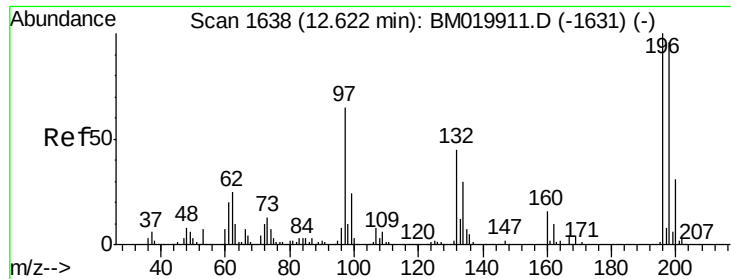
#42
2,4,6-Tribromophenol
Concen: 127.959 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion:330 Resp: 357629
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.2
141 39.3 29.0 43.4



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

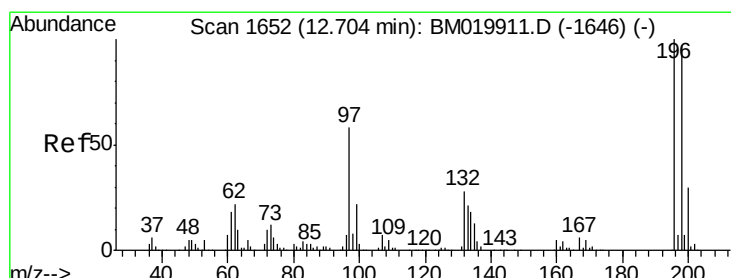
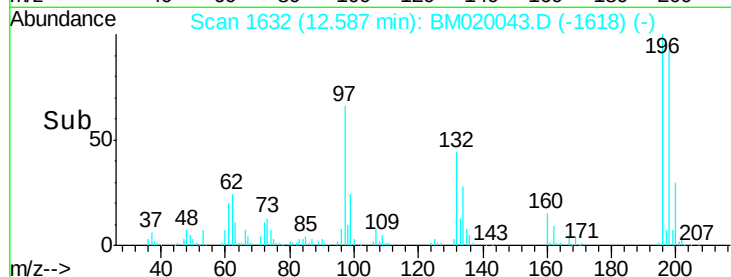
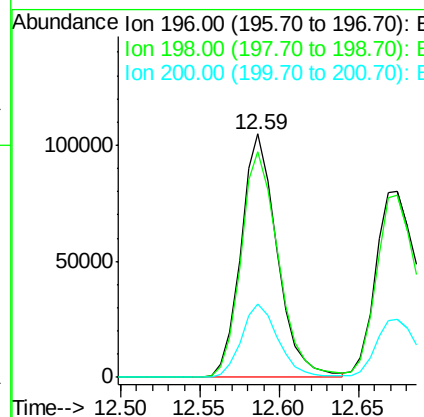
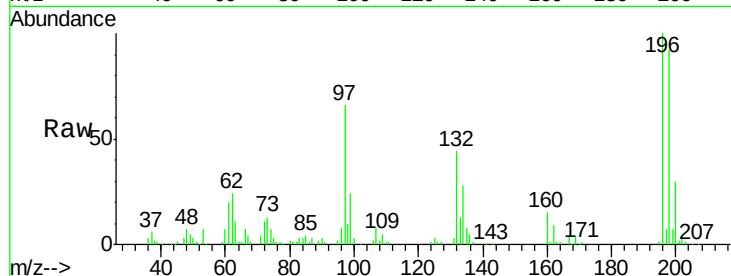




#43
 2,4,6-Trichlorophenol
 Concen: 45.787 ng
 RT: 12.59 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

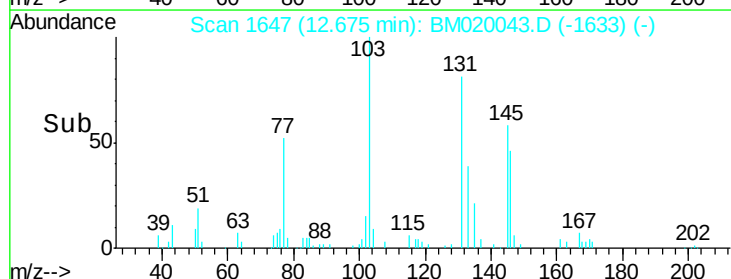
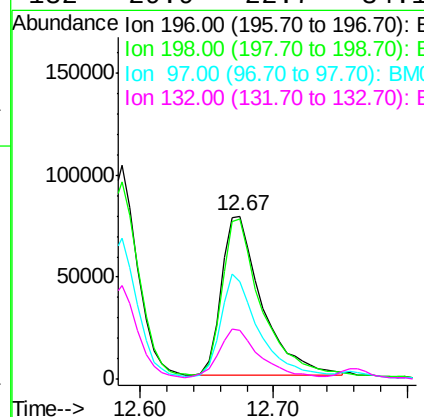
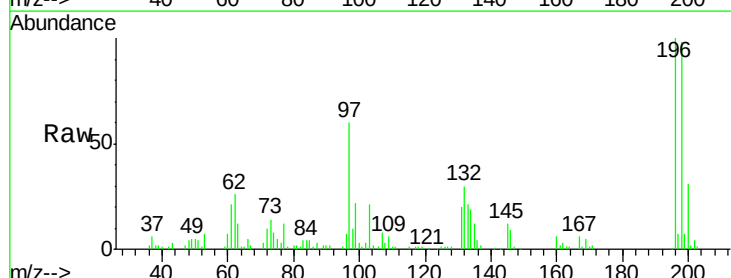
Instrument :
 BNA_M
 ClientSampled :

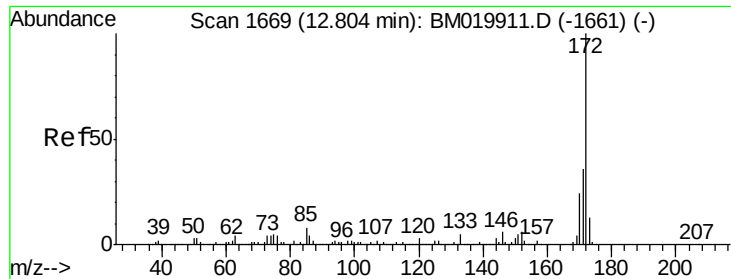
Tot Ion:196 Resp: 166270
 Ion Ratio Lower Upper
 196 100
 198 92.5 76.8 115.2
 200 30.2 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.063 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion:196 Resp: 166538
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.8 116.8
 97 60.0 46.2 69.2
 132 29.9 22.7 34.1

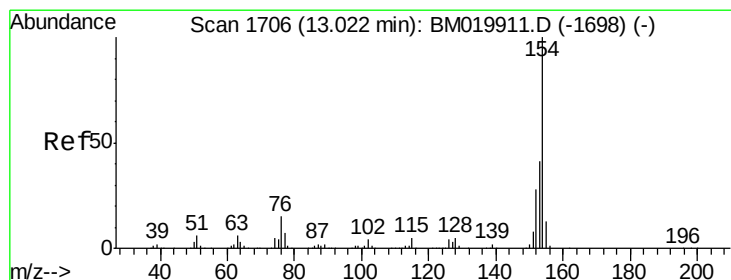
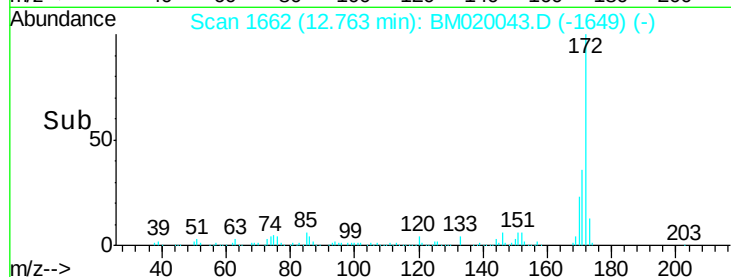
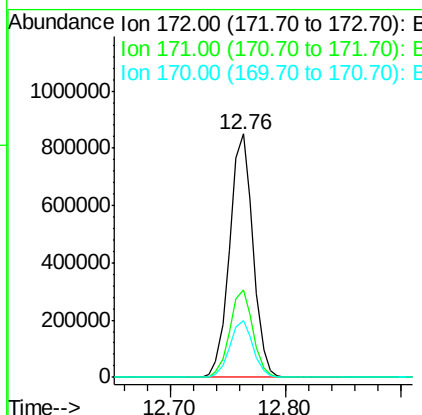
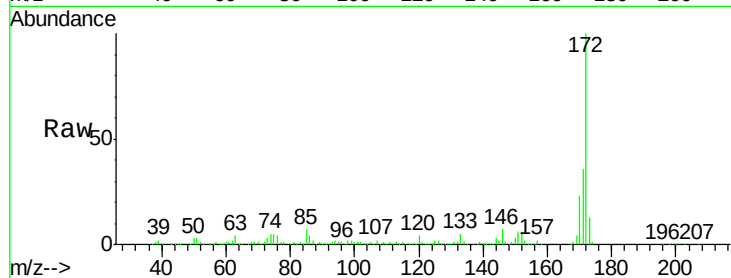




#45
2-Fluorobiphenyl
Concen: 85.191 ng
RT: 12.76 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

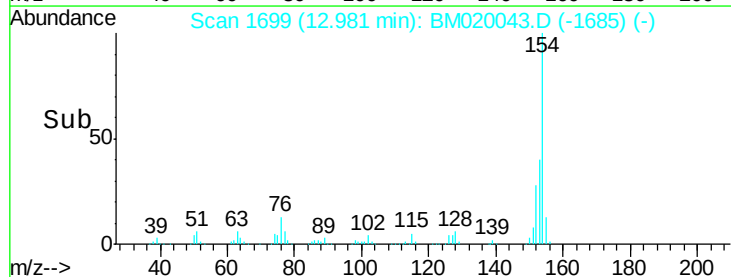
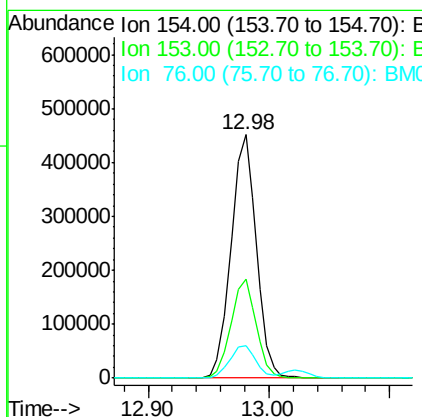
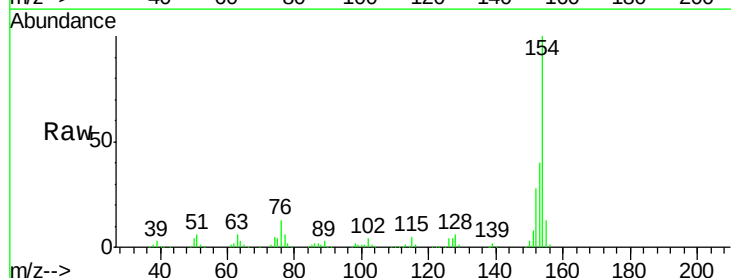
Instrument :
BNA_M
ClientSampleId :

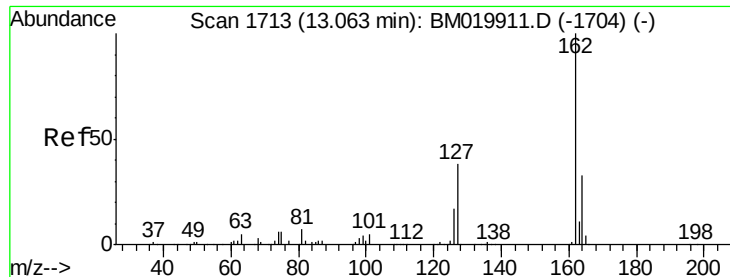
Tot Ion:172 Resp: 1186875
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.774 ng
RT: 12.98 min Scan# 1699
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion:154 Resp: 658273
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 13.4 0.0 34.8

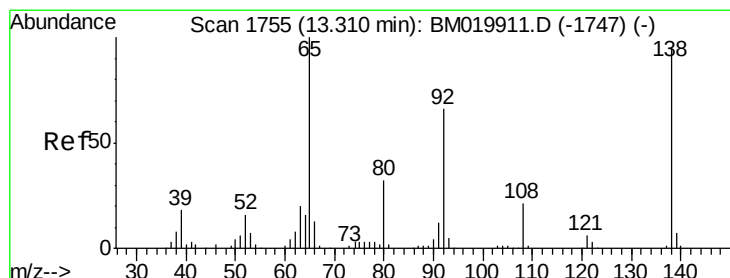
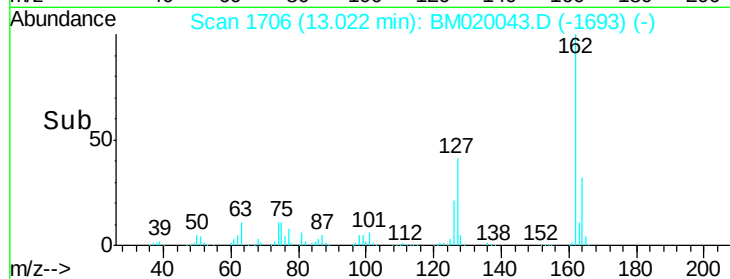
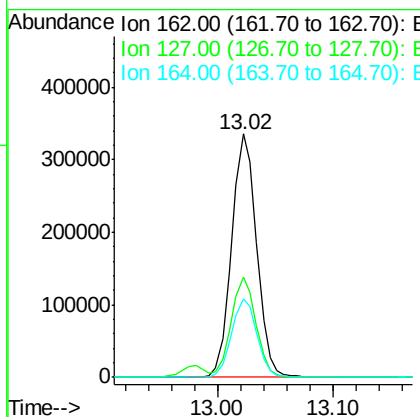
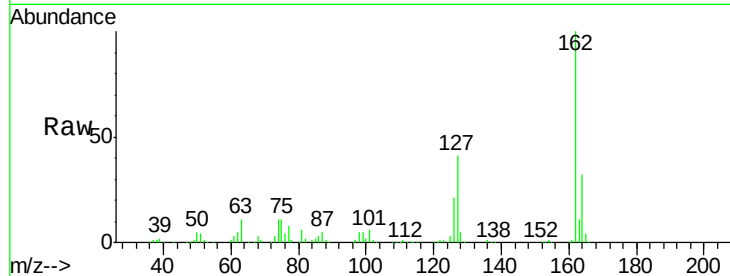




#47
 2-Chloronaphthalene
 Concen: 43.886 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

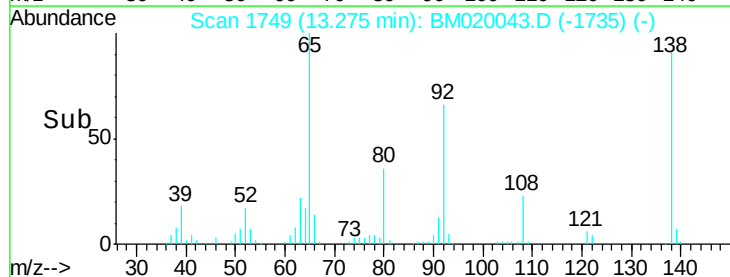
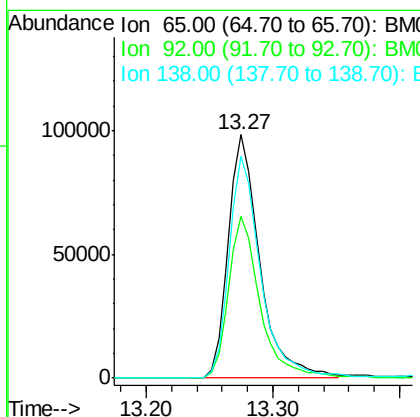
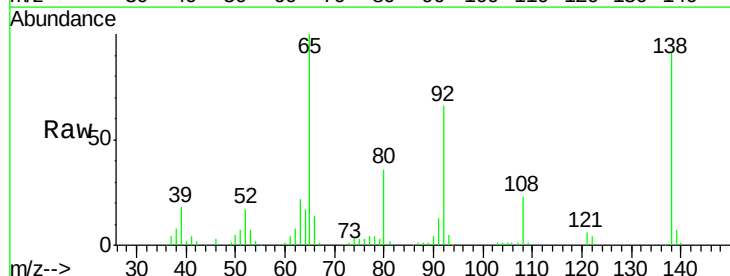
Instrument :
 BNA_M
 ClientSampleId :

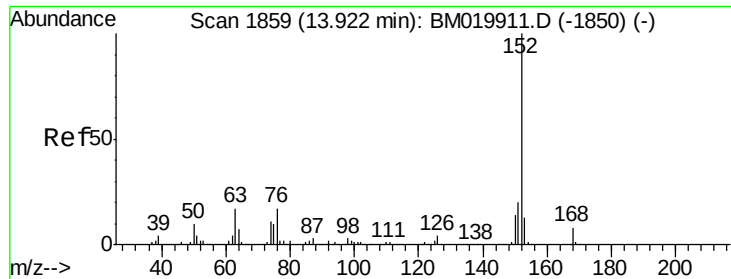
Tot Ion:162 Resp: 503403
 Ion Ratio Lower Upper
 162 100
 127 41.3 32.3 48.5
 164 32.4 26.3 39.5



#48
 2-Nitroaniline
 Concen: 41.049 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion: 65 Resp: 169725
 Ion Ratio Lower Upper
 65 100
 92 66.3 52.9 79.3
 138 91.1 75.8 113.6





#49

Acenaphthylene

Concen: 41.331 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

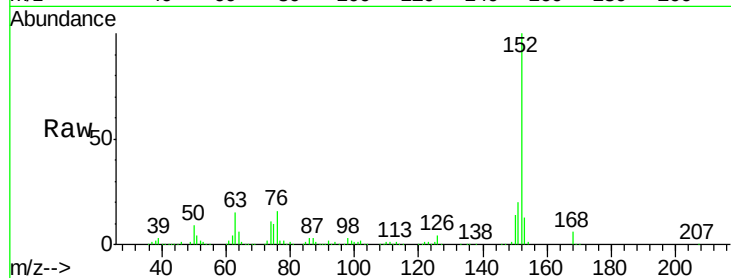
Tot Ion:152 Resp: 824892

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

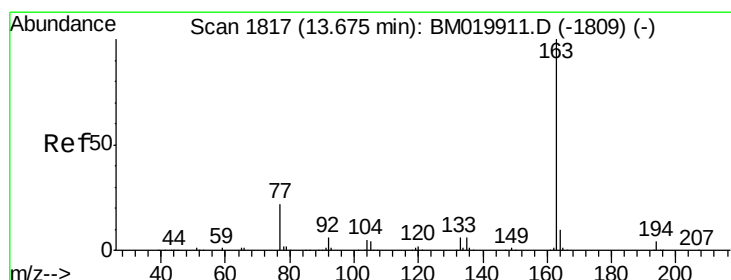
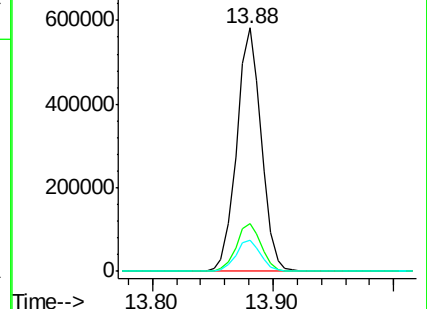
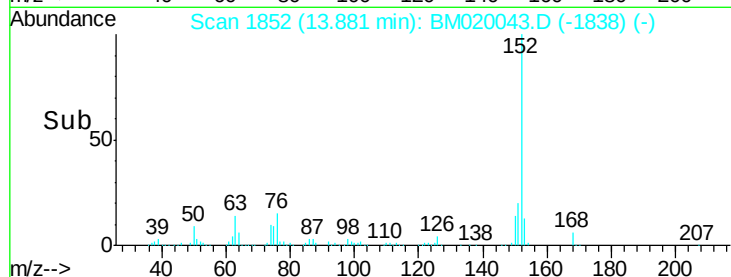
153 12.7 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.060 ng

RT: 13.63 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

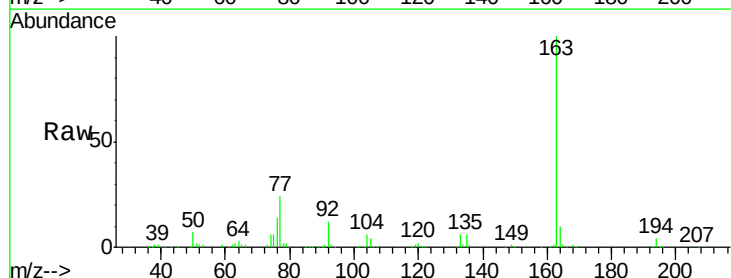
Tgt Ion:163 Resp: 751349

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

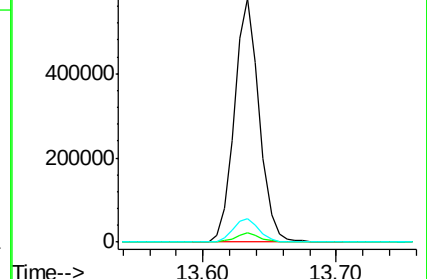
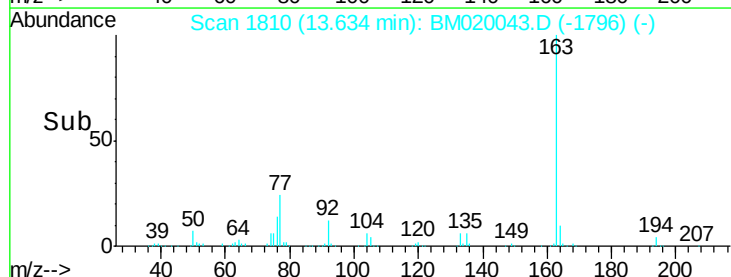
164 9.8 7.9 11.9

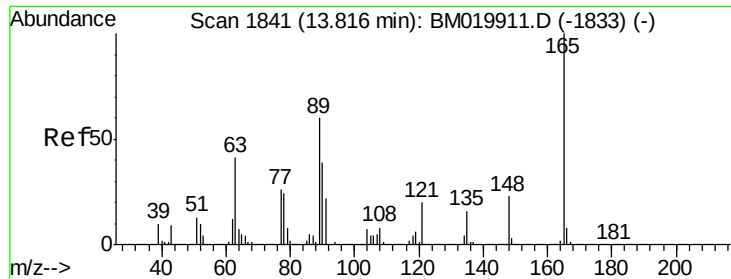


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

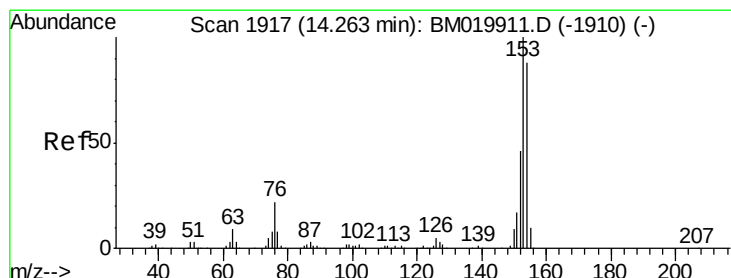
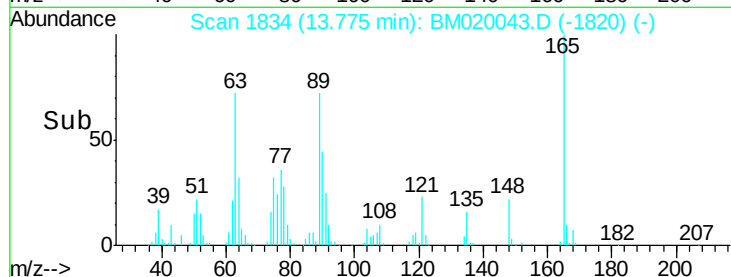
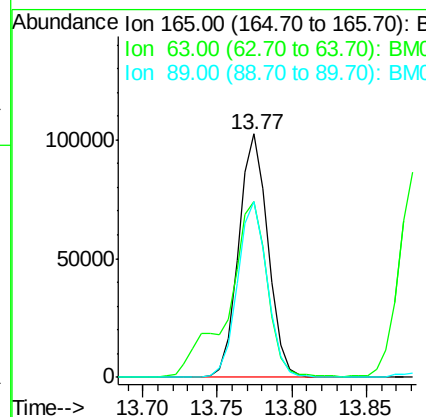
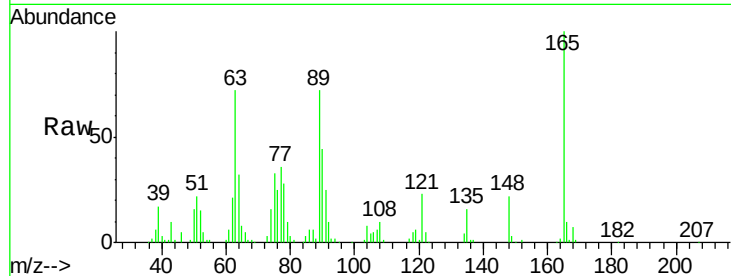




#51
 2,6-Dinitrotoluene
 Concen: 41.330 ng
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

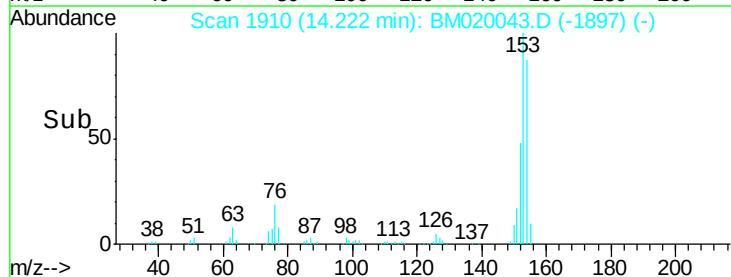
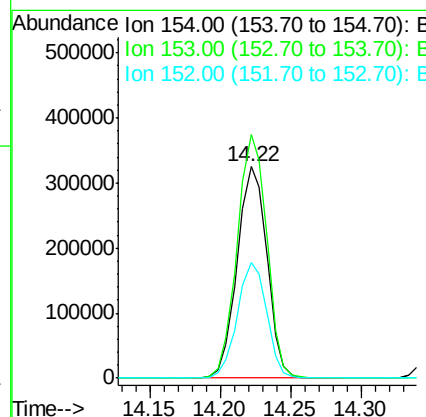
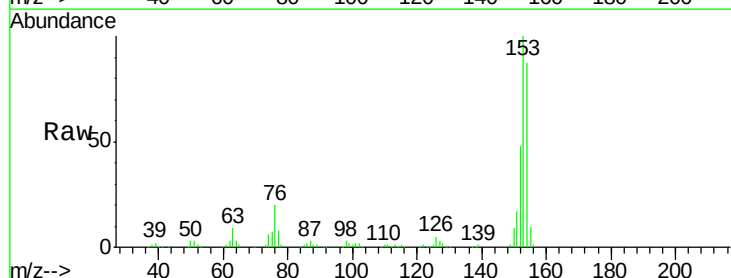
Instrument :
 BNA_M
 ClientSampleId :

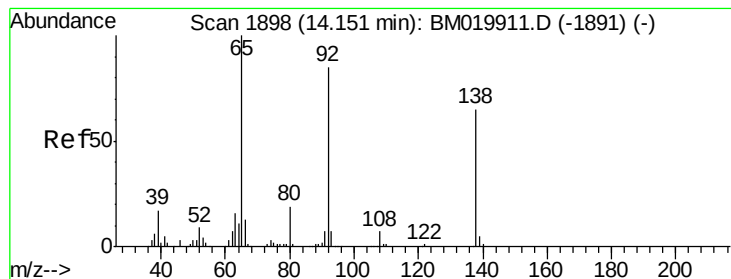
Tot Ion	Ratio	Lower	Upper
165	100		
63	72.3	48.5	72.7
89	72.1	48.2	72.4



#52
 Acenaphthene
 Concen: 43.096 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.0	136.4
152	54.8	42.2	63.2





#53

3-Nitroaniline

Concen: 14.159 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

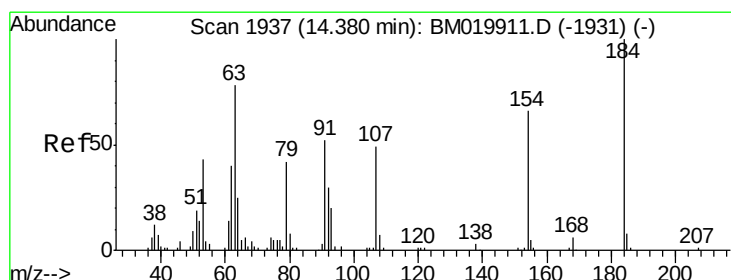
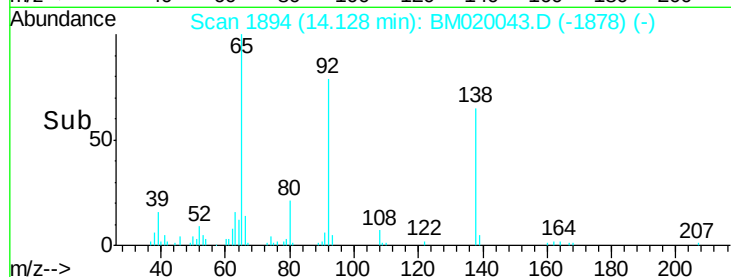
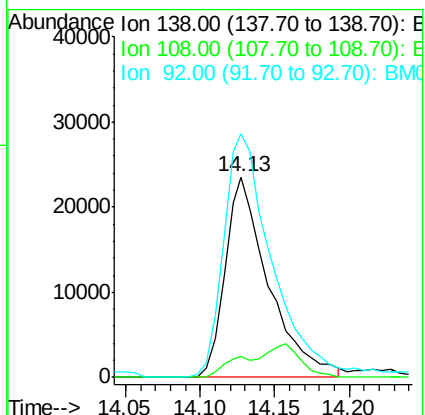
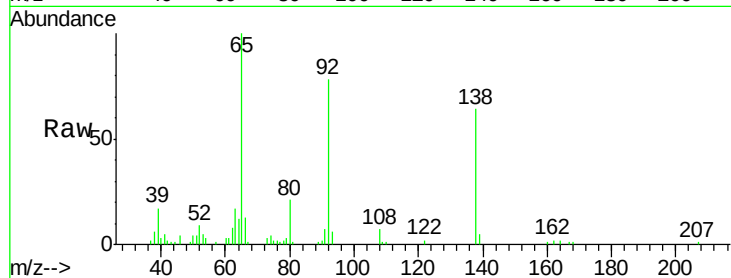
Instrument :

BNA_M

ClientSampleId :

Tot Ion:138 Resp: 47880

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.9	13.3
92	121.6	103.8	155.8



#54

2,4-Dinitrophenol

Concen: 66.774 ng

RT: 14.35 min Scan# 1932

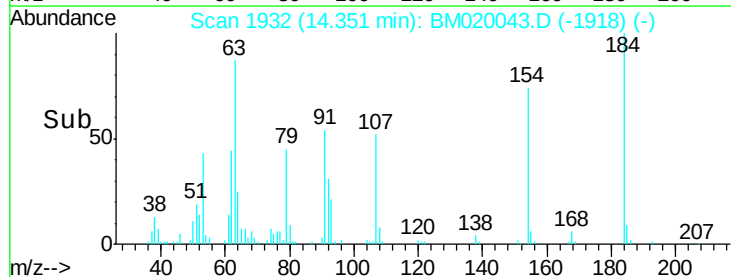
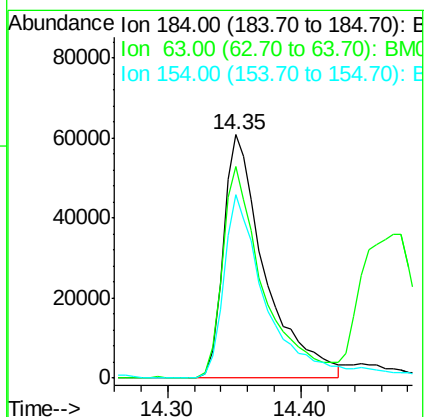
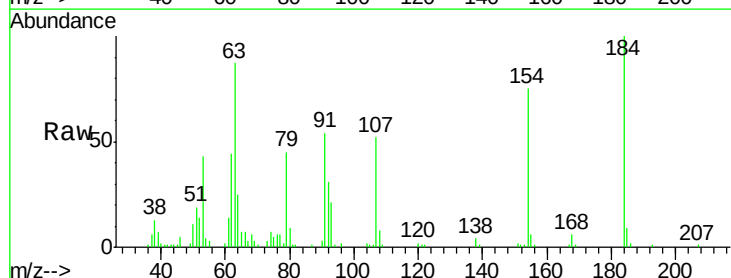
Delta R.T. -0.02 min

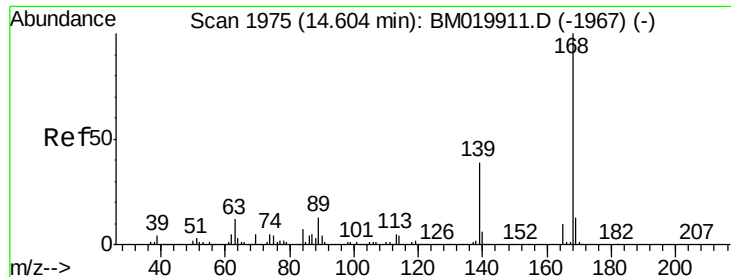
Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:184 Resp: 132277

Ion	Ratio	Lower	Upper
184	100		
63	87.0	62.3	93.5
154	75.3	53.0	79.6

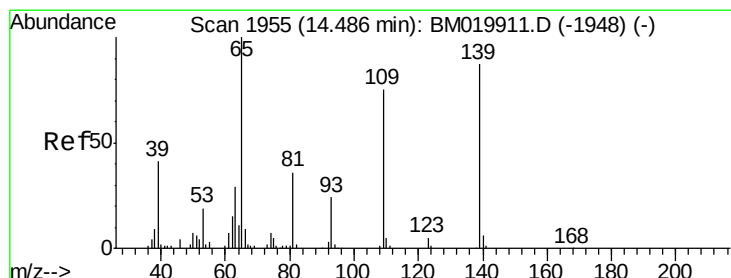
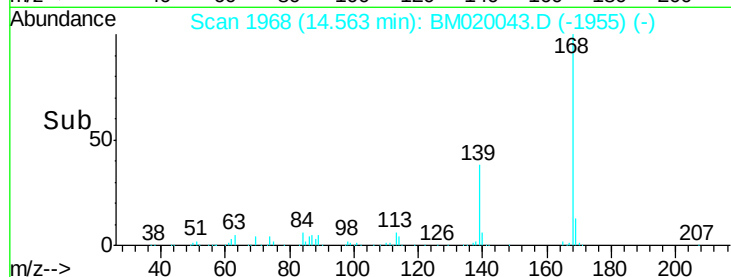
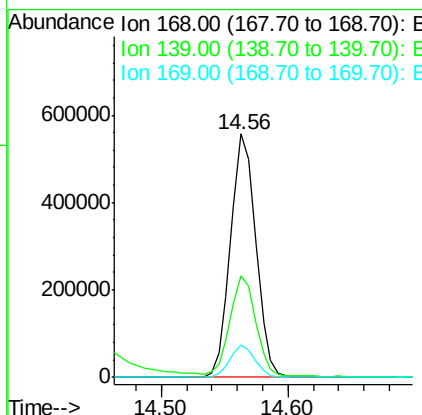
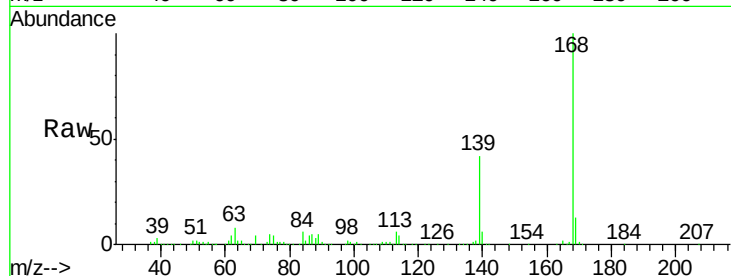




#55
Dibenzofuran
Concen: 42.569 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

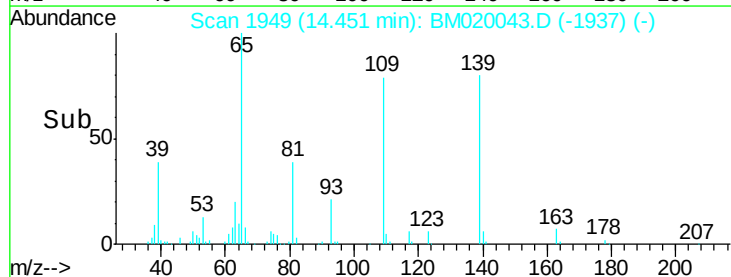
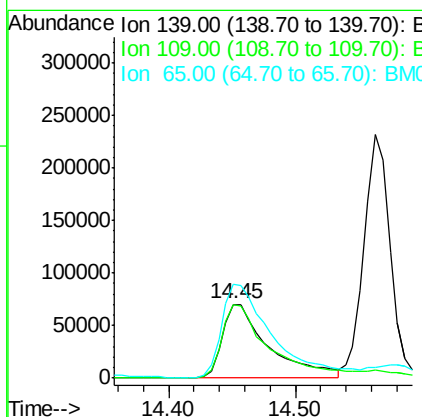
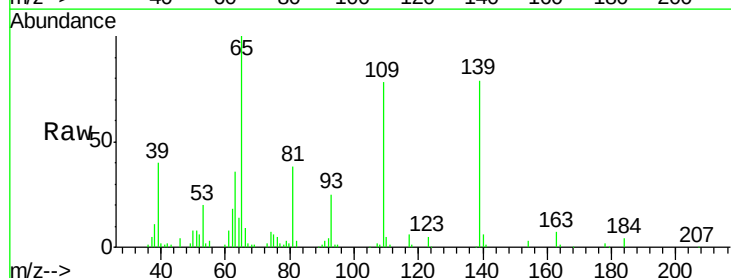
Instrument :
BNA_M
ClientSampleId :

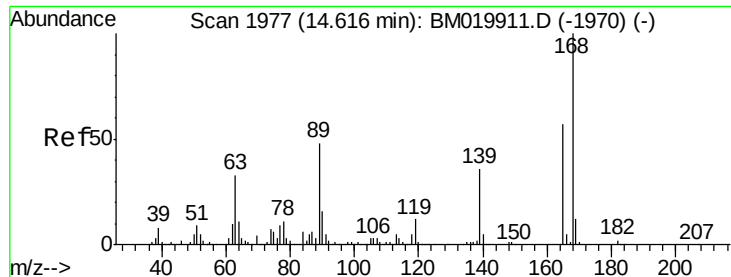
Tot Ion:168 Resp: 770320
Ion Ratio Lower Upper
168 100
139 41.6 31.5 47.3
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 68.476 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion:139 Resp: 180281
Ion Ratio Lower Upper
139 100
109 98.7 65.3 105.3
65 126.5 94.9 134.9

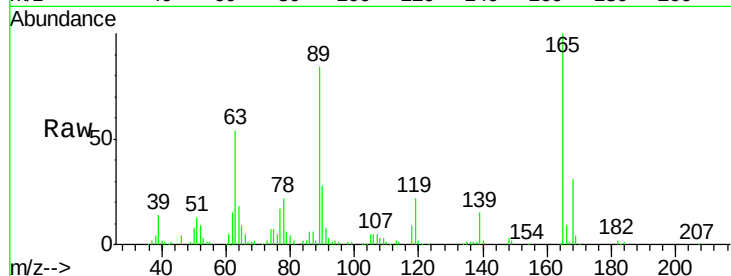




#57
 2,4-Dinitrotoluene
 Concen: 40.628 ng
 RT: 14.59 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.1	46.0	69.0
89	84.4	67.5	101.3
182	2.4	2.4	3.6

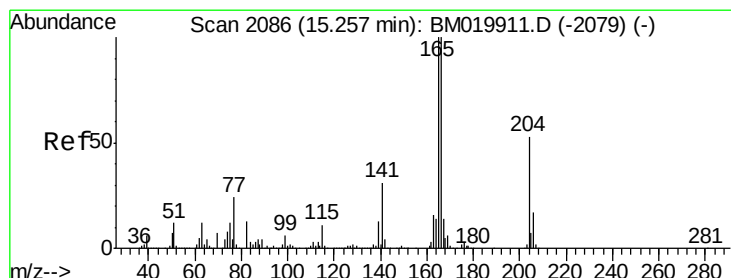
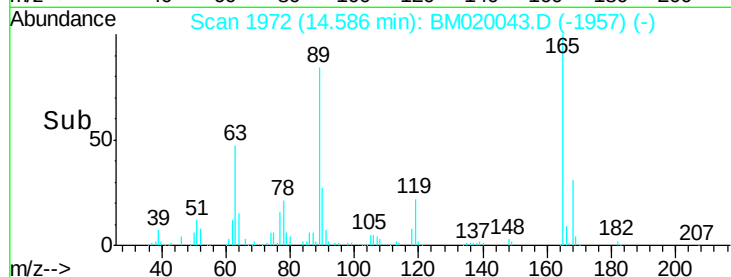
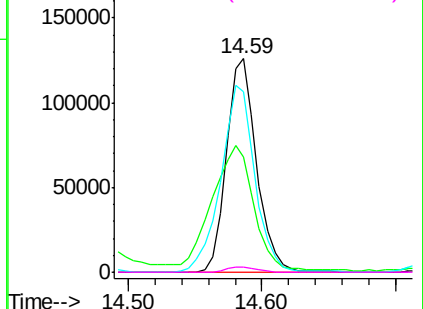


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

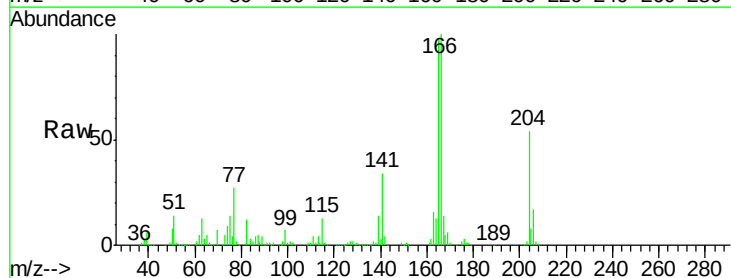
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.375 ng
 RT: 15.22 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

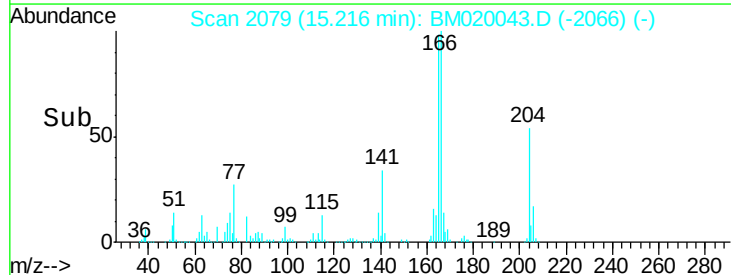
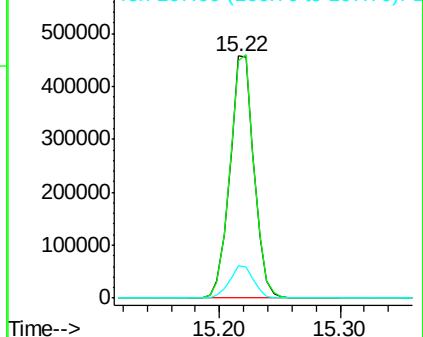
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.1	120.1
167	13.6	11.0	16.4

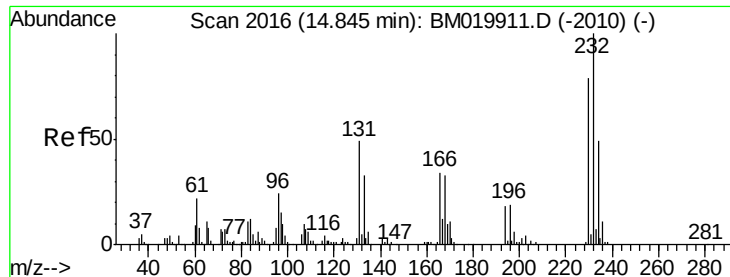


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

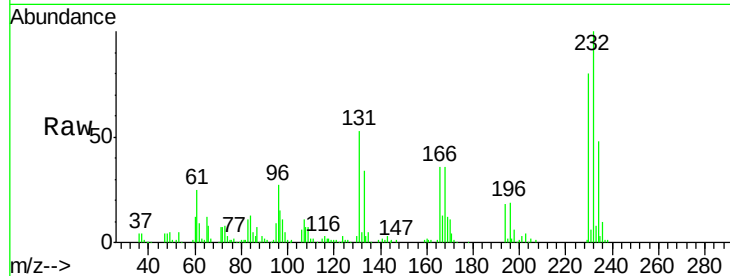




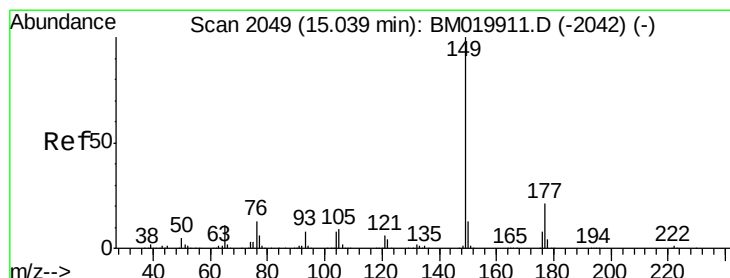
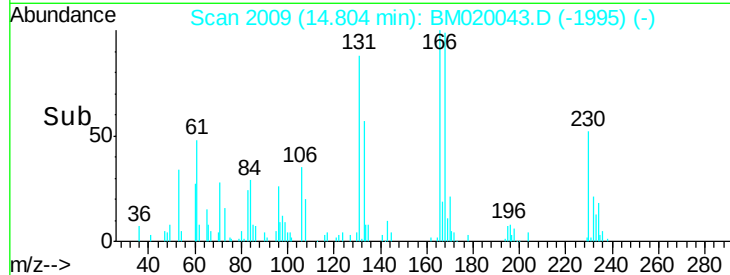
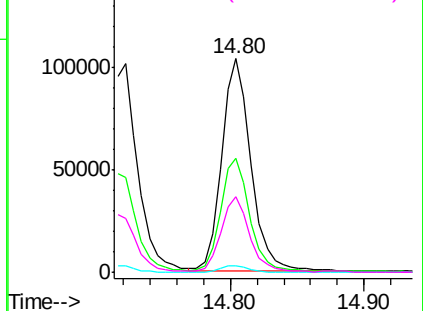
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.777 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampled :

Tot Ion:	232	Resp:	157865
Ion	Ratio	Lower	Upper
232	100		
131	52.8	42.1	63.1
130	3.1	2.2	3.4
166	34.4	28.1	42.1

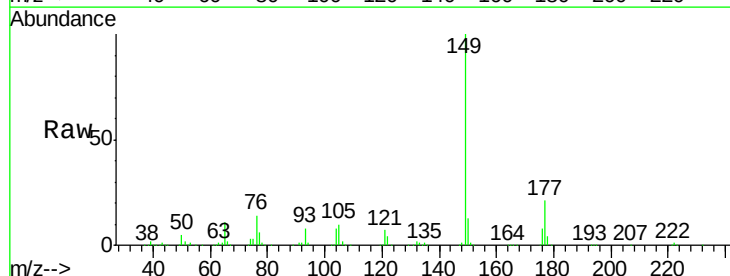


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

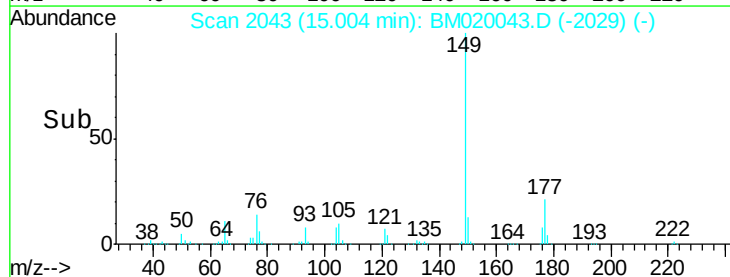
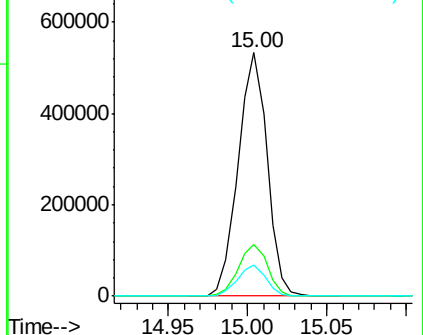


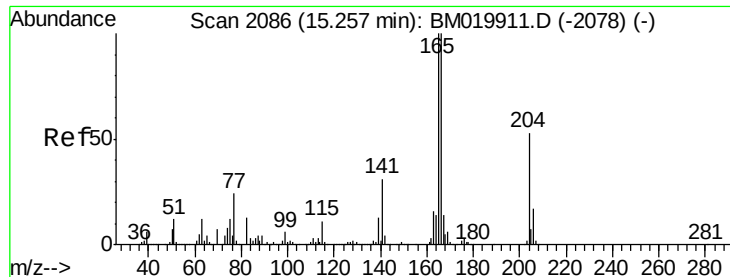
#60
Diethylphthalate
Concen: 42.422 ng
RT: 15.00 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion:	149	Resp:	675703
Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.6	25.0
150	12.6	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

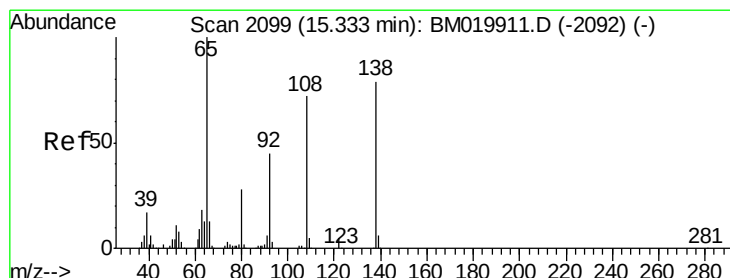
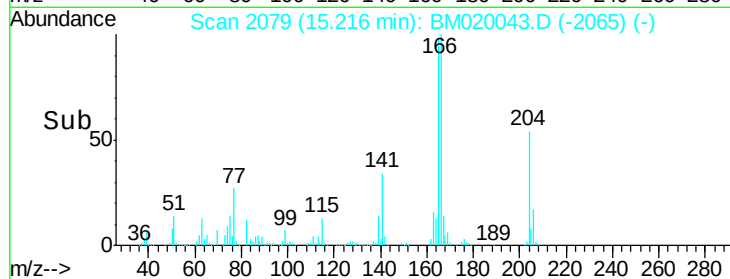
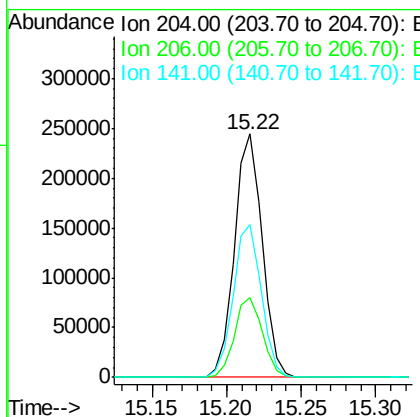
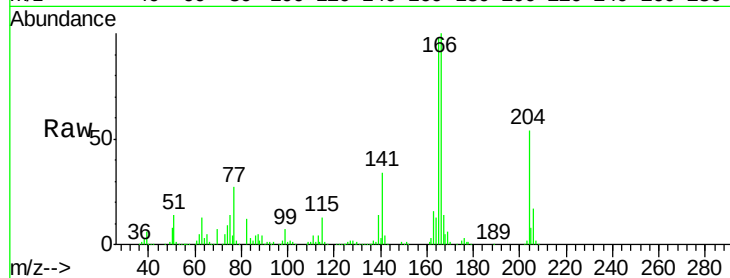




#61
4-Chlorophenyl-phenylether
Concen: 43.005 ng
RT: 15.22 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

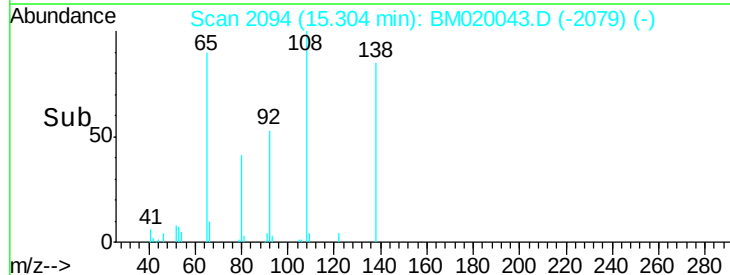
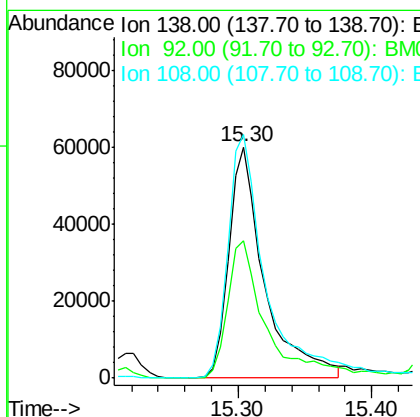
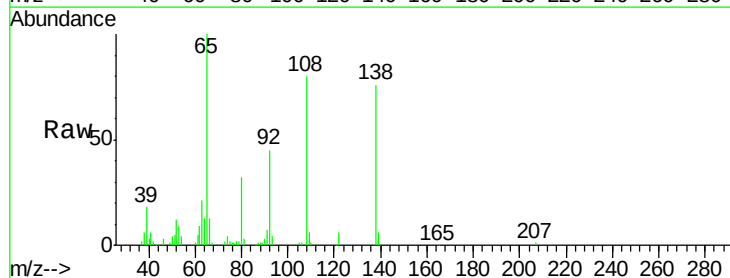
Instrument :
BNA_M
ClientSampleId :

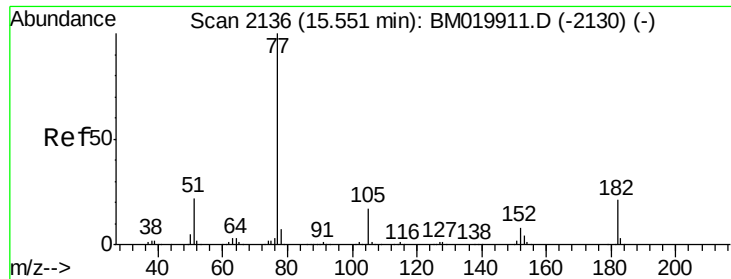
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.8
141	63.0	47.0	70.4



#62
4-Nitroaniline
Concen: 33.656 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.2	36.8	76.8
108	105.3	71.5	111.5





#63

Azobenzene

Concen: 44.080 ng

RT: 15.51 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 750410

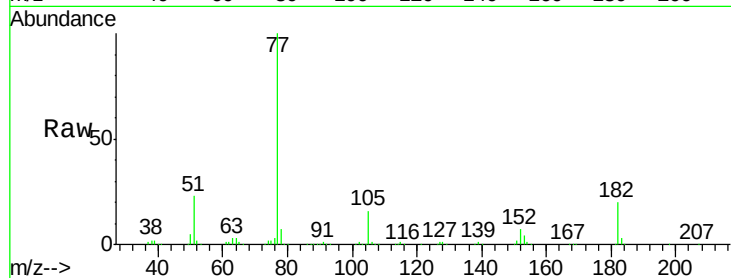
Ion Ratio Lower Upper

77 100

182 20.1 1.0 41.0

105 16.0 0.0 37.1

51 22.7 2.1 42.1

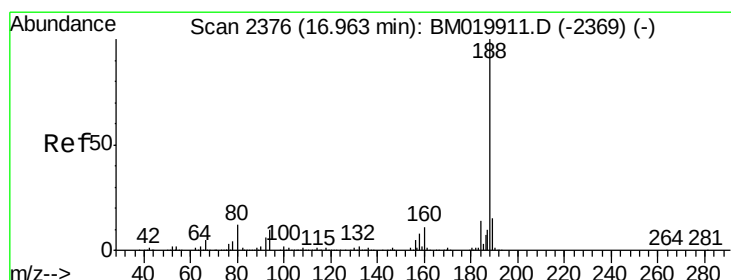
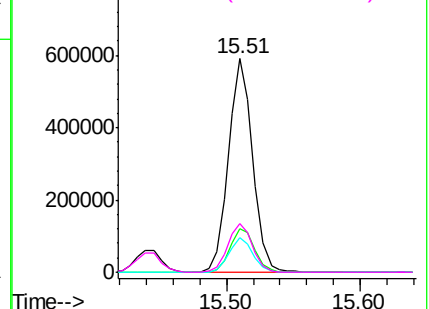
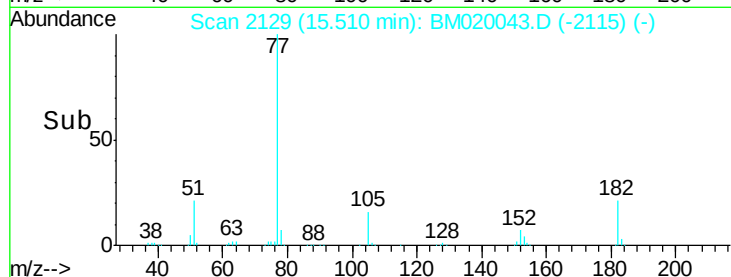


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.93 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

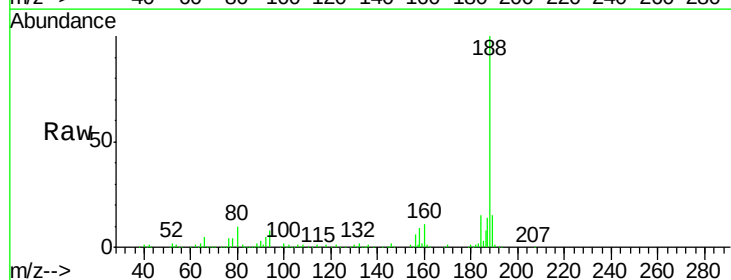
Tgt Ion: 188 Resp: 374648

Ion Ratio Lower Upper

188 100

94 7.9 7.6 11.4

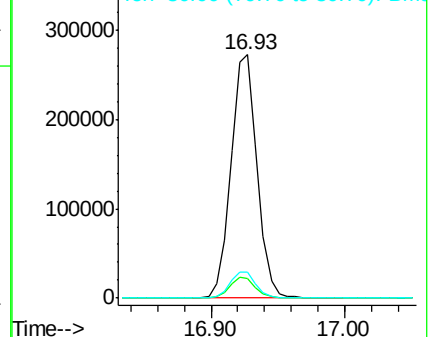
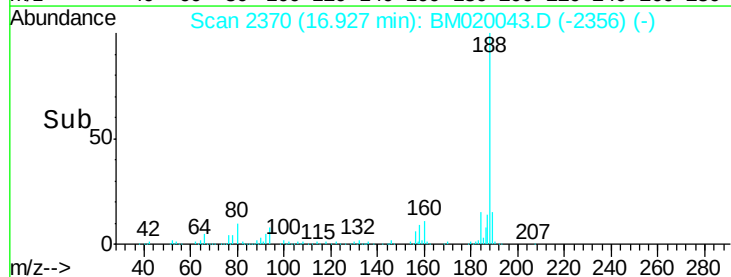
80 10.5 9.4 14.0

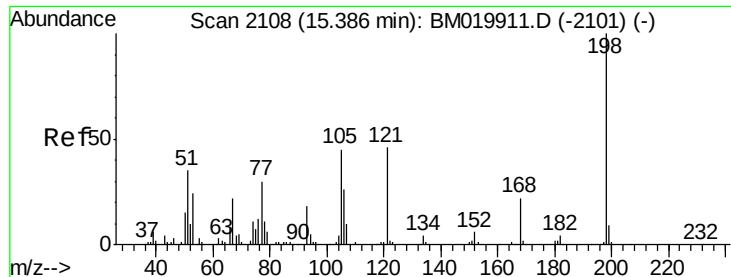


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 36.493 ng

RT: 15.36 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

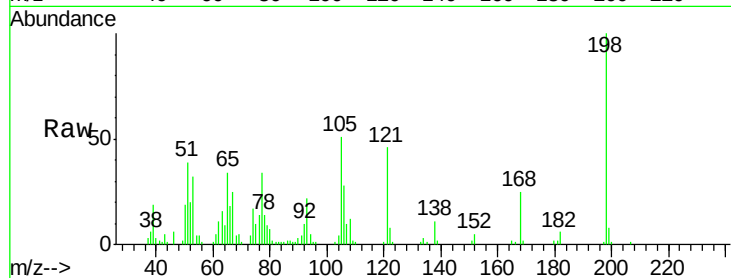
Tot Ion:198 Resp: 87233

Ion Ratio Lower Upper

198 100

51 38.5 17.9 57.9

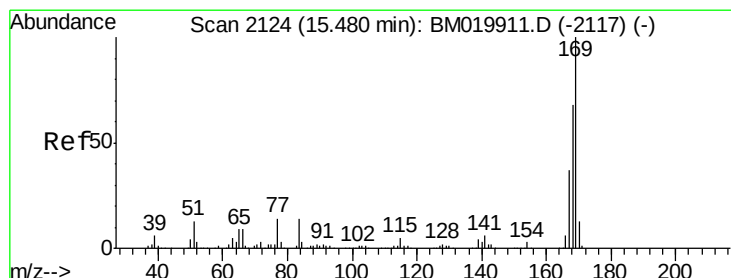
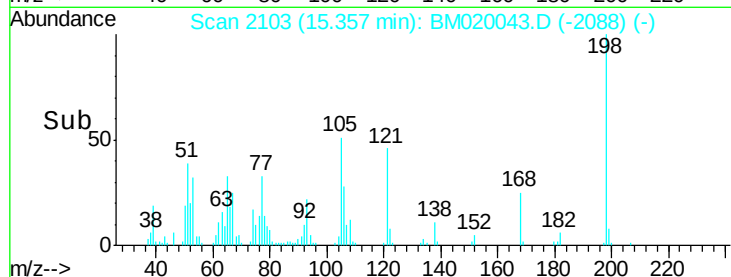
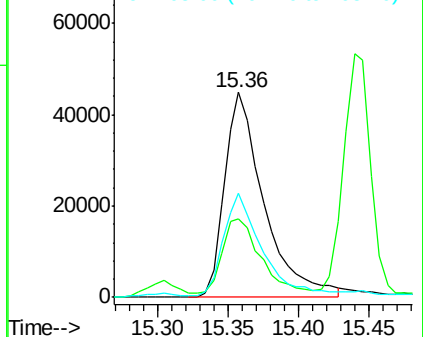
105 50.7 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.899 ng

RT: 15.45 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

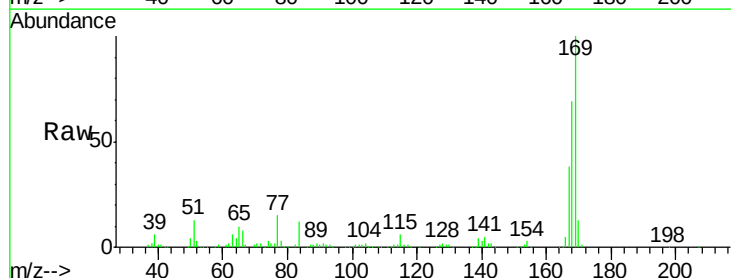
Tgt Ion:169 Resp: 537683

Ion Ratio Lower Upper

169 100

168 68.7 54.7 82.1

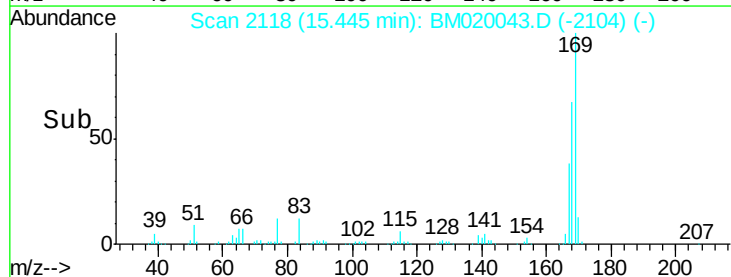
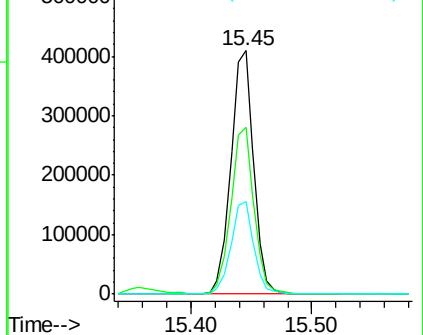
167 38.3 29.4 44.0

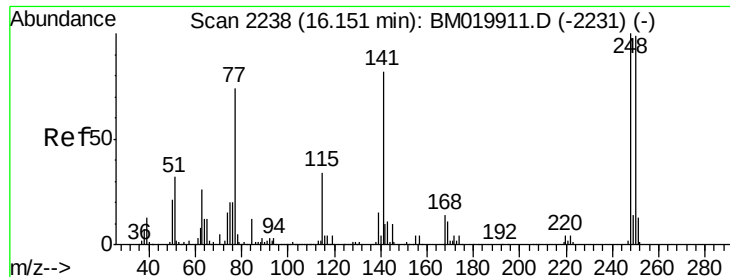


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

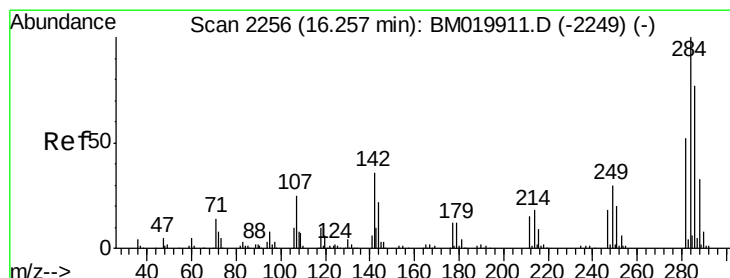
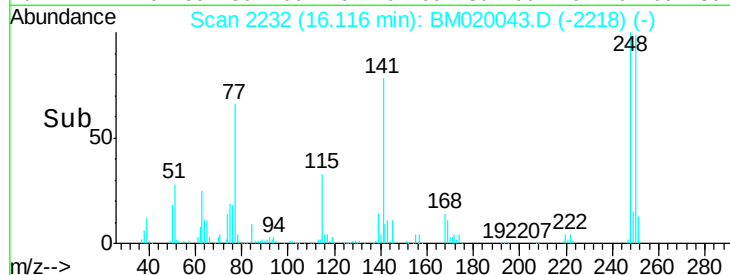
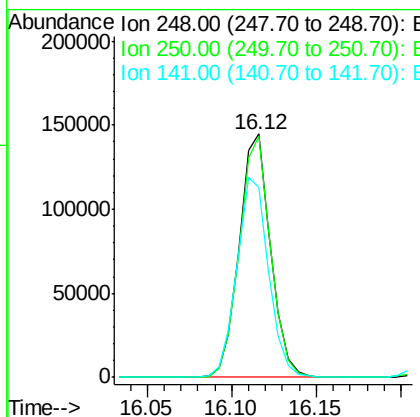
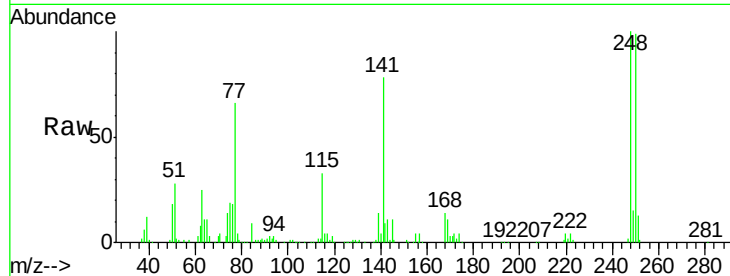




#67
4-Bromophenyl-phenylether
Concen: 43.351 ng
RT: 16.12 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

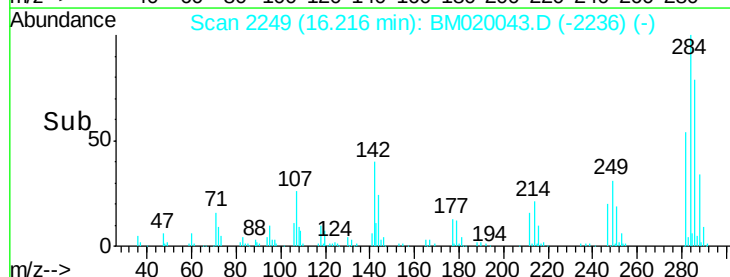
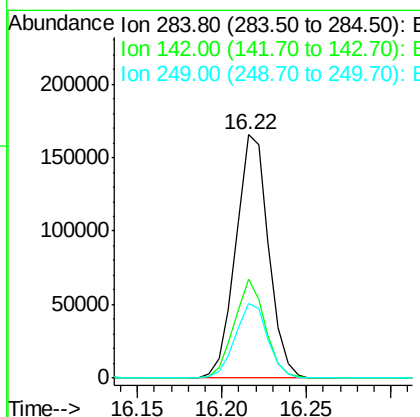
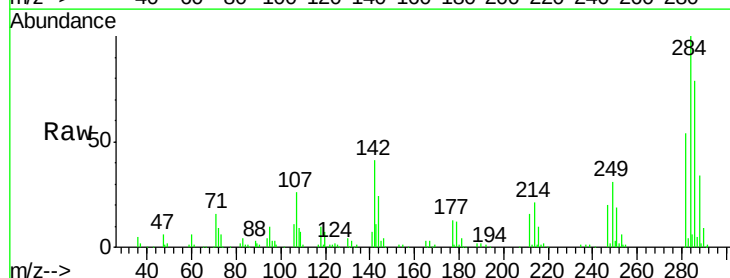
Instrument :
BNA_M
ClientSampleId :

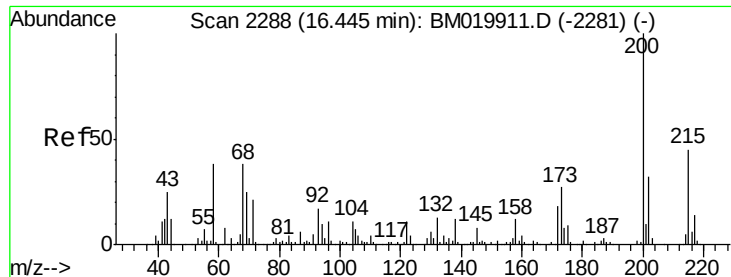
Tot Ion:248 Resp: 186729
Ion Ratio Lower Upper
248 100
250 99.0 78.9 118.3
141 77.8 65.6 98.4



#68
Hexachlorobenzene
Concen: 43.263 ng
RT: 16.22 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion:284 Resp: 223601
Ion Ratio Lower Upper
284 100
142 40.6 28.9 43.3
249 30.9 23.8 35.6





#69

Atrazine

Concen: 45.362 ng

RT: 16.41 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

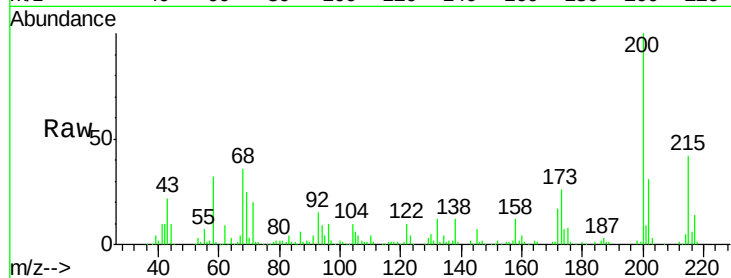
Tot Ion:200 Resp: 188611

Ion Ratio Lower Upper

200 100

173 26.3 7.2 47.2

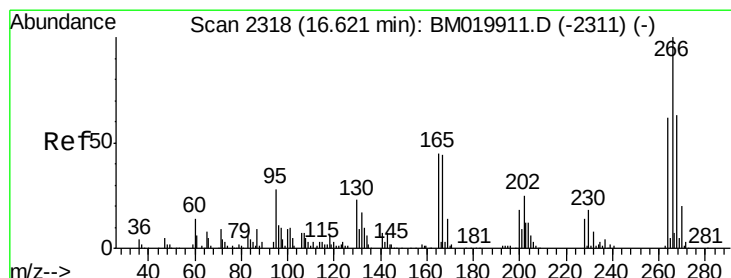
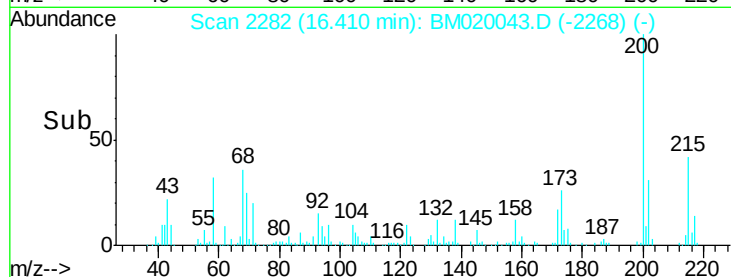
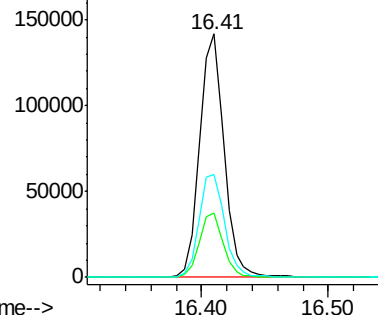
215 42.4 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 82.787 ng

RT: 16.59 min Scan# 2312

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

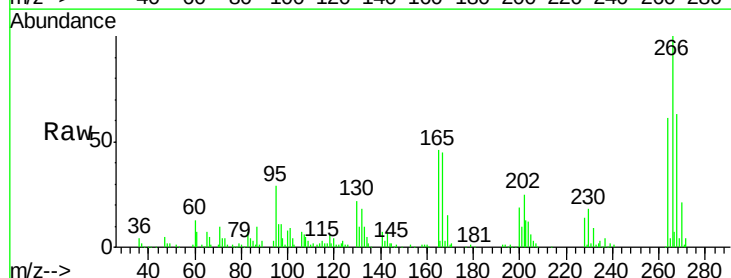
Tgt Ion:266 Resp: 218619

Ion Ratio Lower Upper

266 100

268 63.2 50.3 75.5

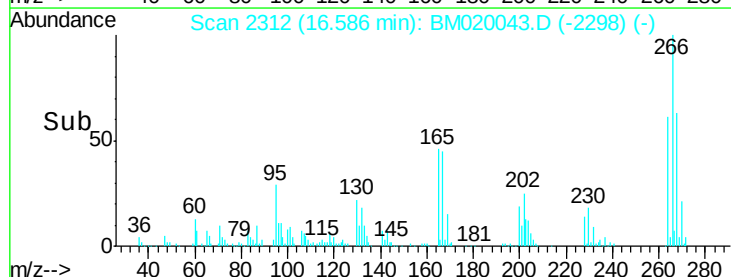
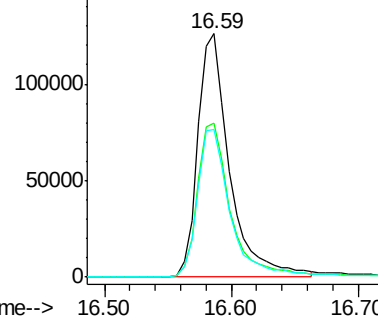
264 60.8 49.8 74.8

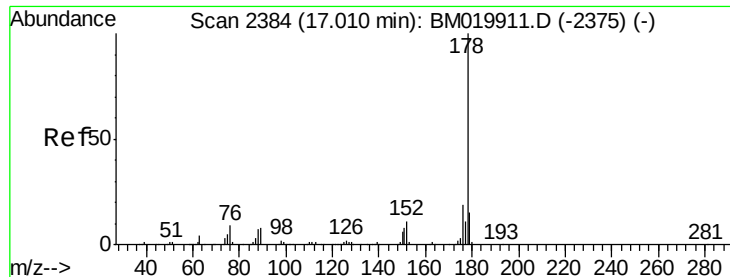


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

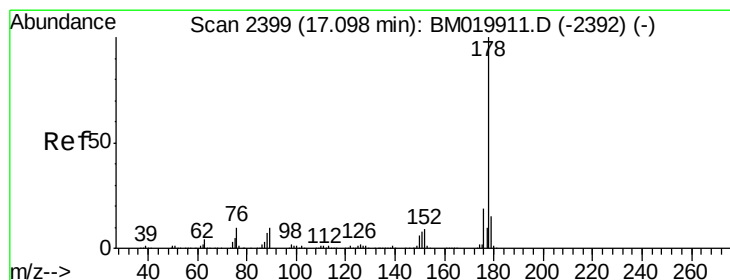
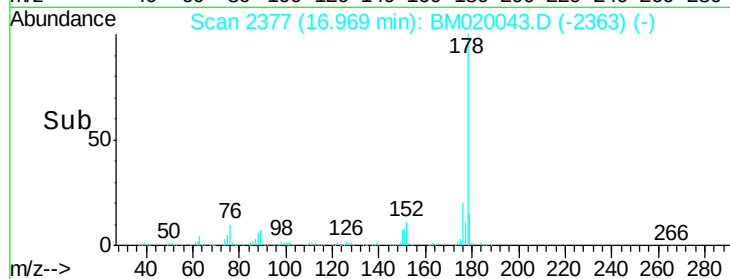
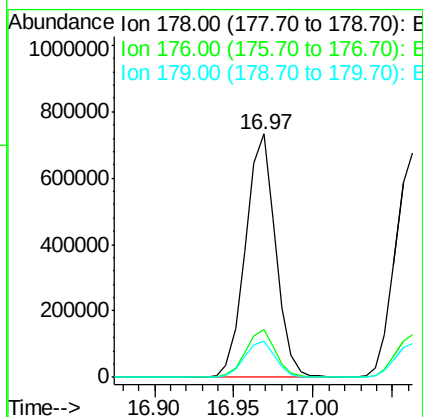
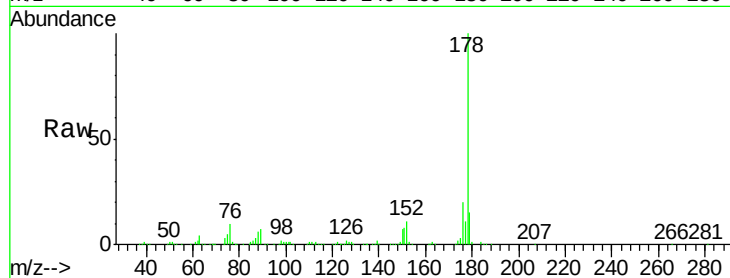




#71
Phenanthrene
Concen: 43.471 ng
RT: 16.97 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

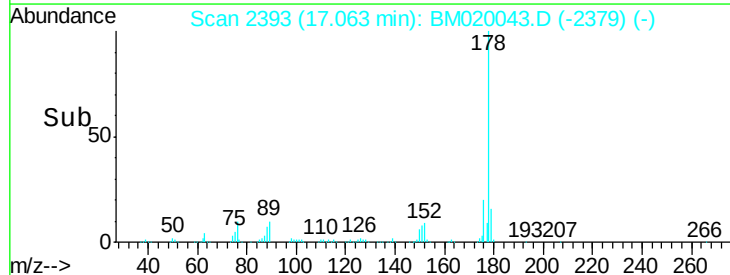
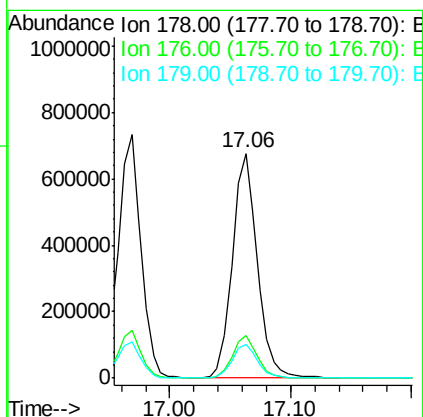
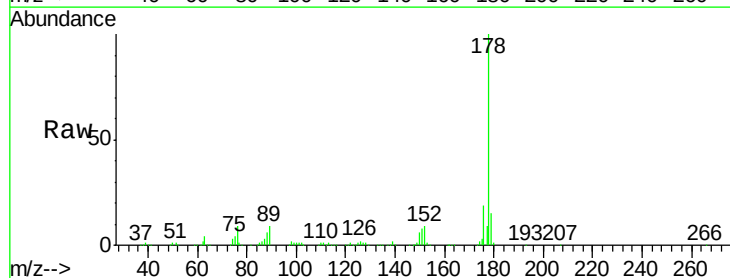
Instrument :
BNA_M
ClientSampled :

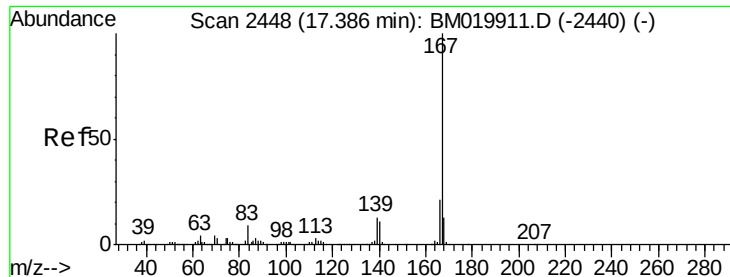
Tot Ion:178 Resp: 966484
Ion Ratio Lower Upper
178 100
176 19.7 15.2 22.8
179 15.0 12.2 18.4



#72
Anthracene
Concen: 43.597 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion:178 Resp: 964840
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.3 12.2 18.4

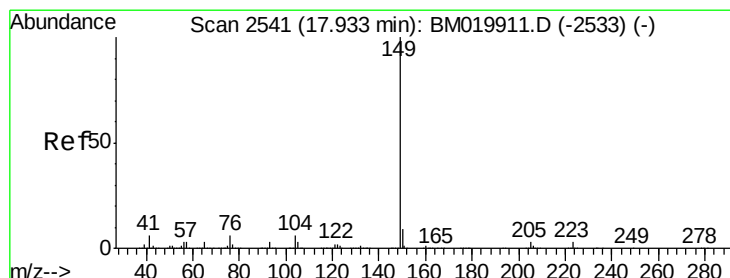
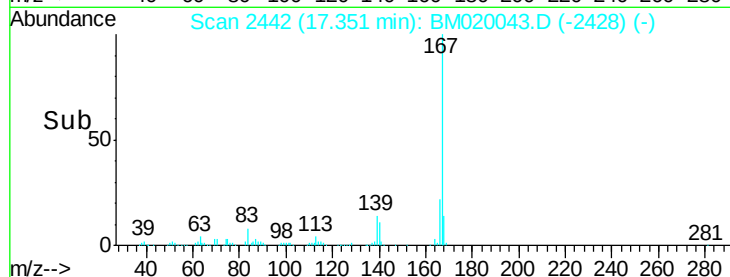
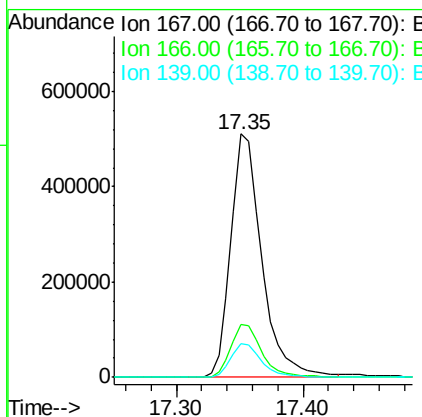
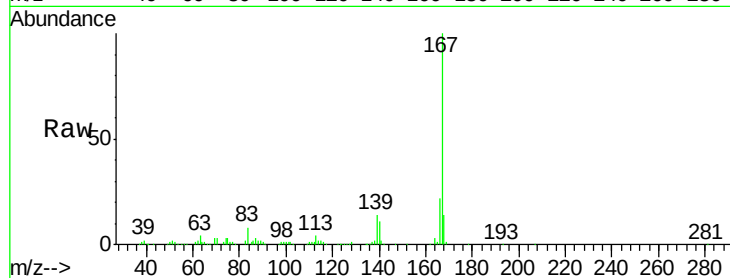




#73
 Carbazole
 Concen: 41.960 ng
 RT: 17.35 min Scan# 2442
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

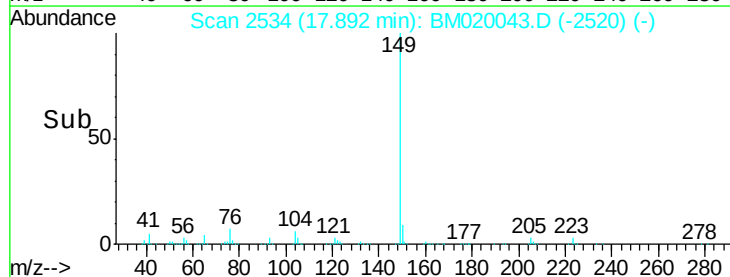
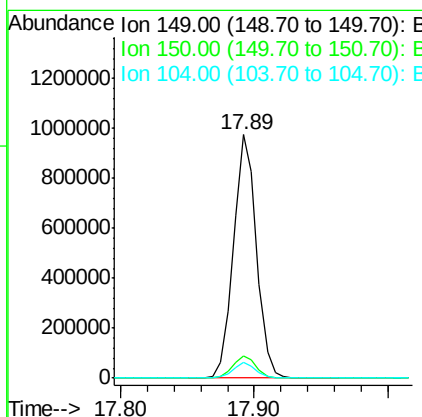
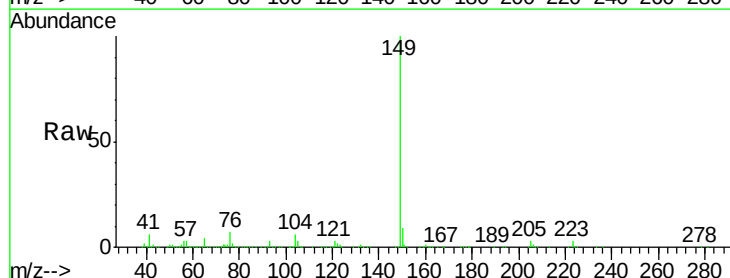
Instrument :
 BNA_M
 ClientSampleId :

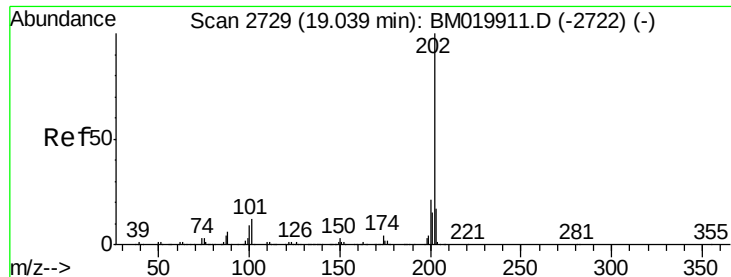
Tot Ion:167 Resp: 867013
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.8 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 43.182 ng
 RT: 17.89 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion:149 Resp: 1171771
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.2 4.6 7.0





#75

Fluoranthene

Concen: 43.756 ng

RT: 19.00 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

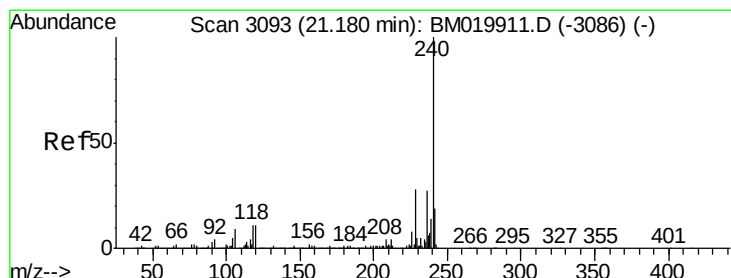
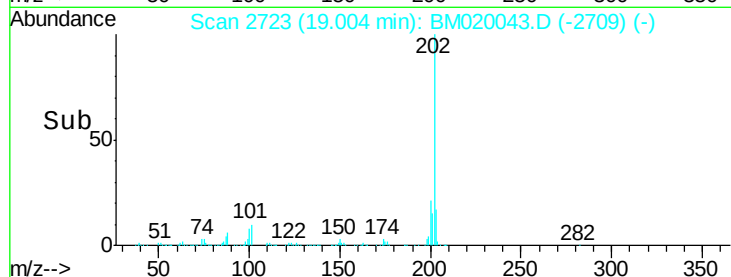
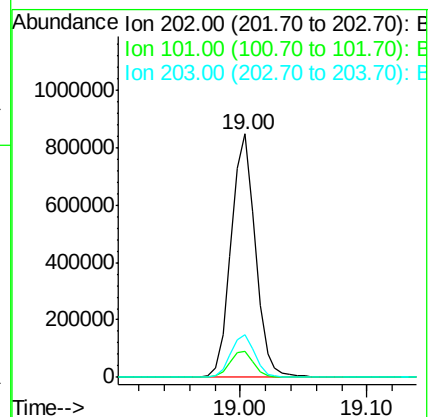
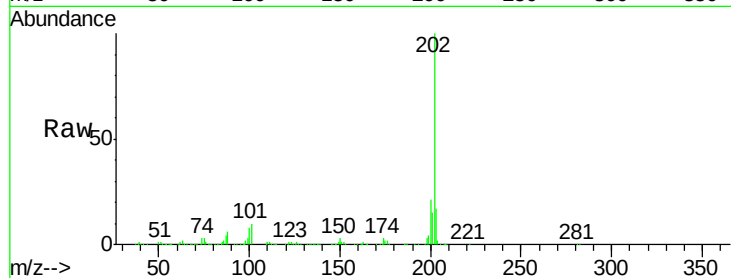
Tot Ion:202 Resp: 1119538

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.7

203 17.3 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

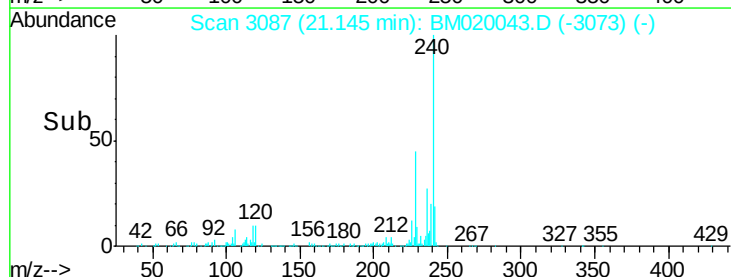
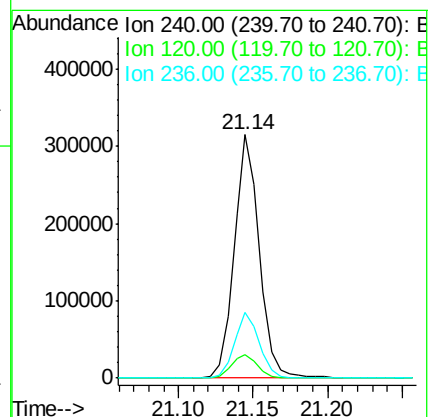
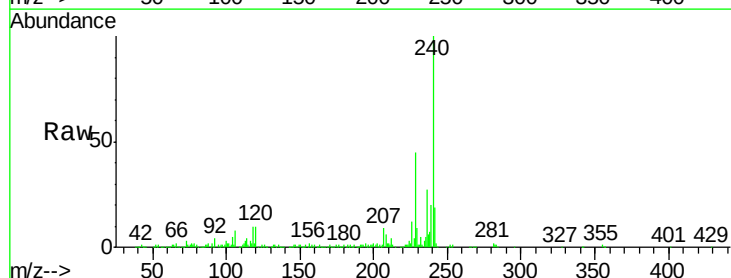
Tgt Ion:240 Resp: 371328

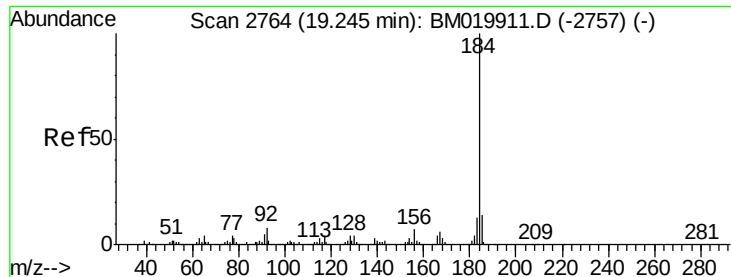
Ion Ratio Lower Upper

240 100

120 9.6 8.6 13.0

236 27.2 21.4 32.2





#77

Benzidine

Concen: 35.654 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

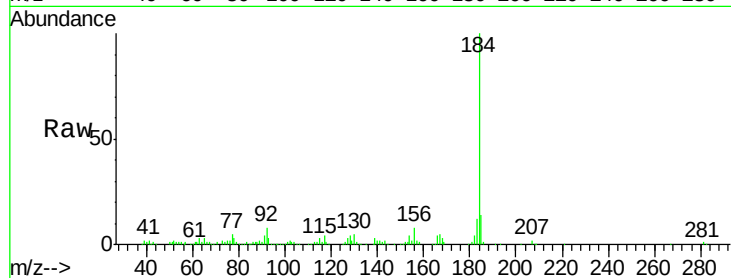
Tot Ion:184 Resp: 365295

Ion Ratio Lower Upper

184 100

185 14.0 11.0 16.6

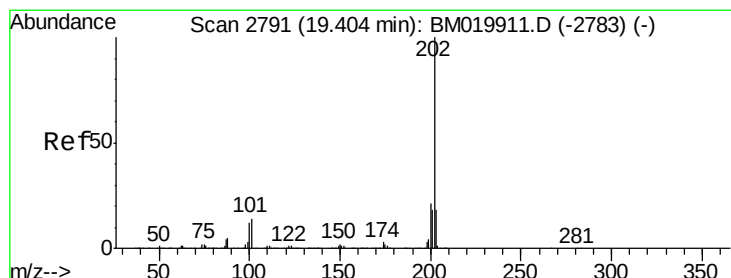
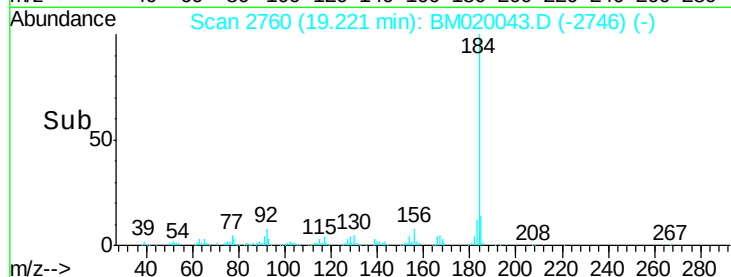
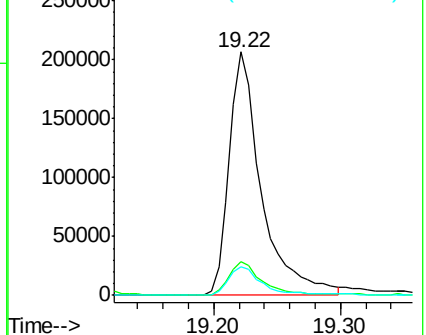
183 11.7 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.780 ng

RT: 19.37 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

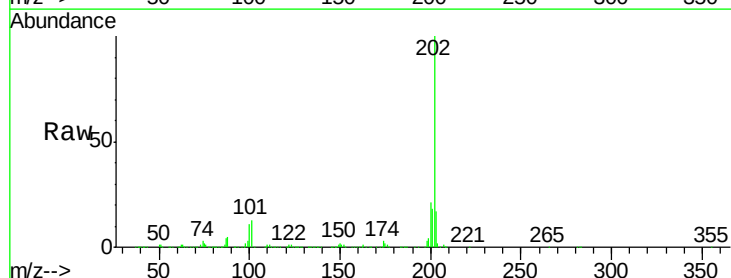
Tgt Ion:202 Resp: 1150348

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

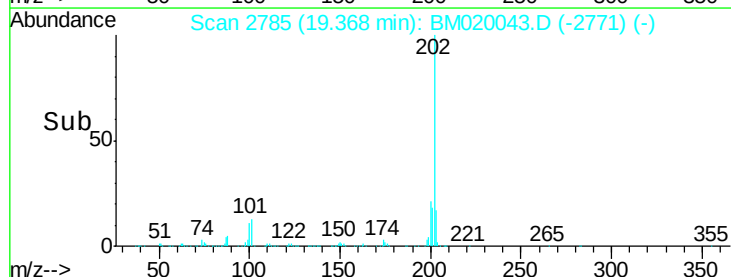
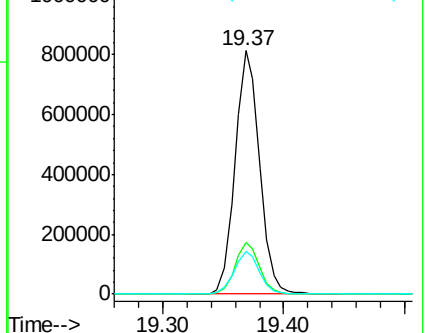
203 17.4 14.0 21.0

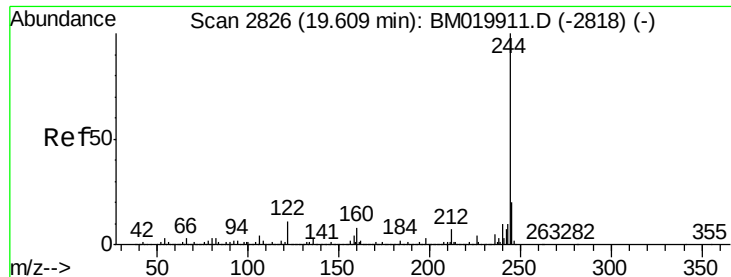


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.201 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

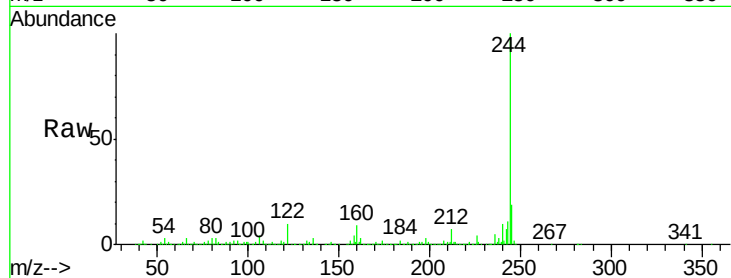
Tot Ion:244 Resp: 1835794

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

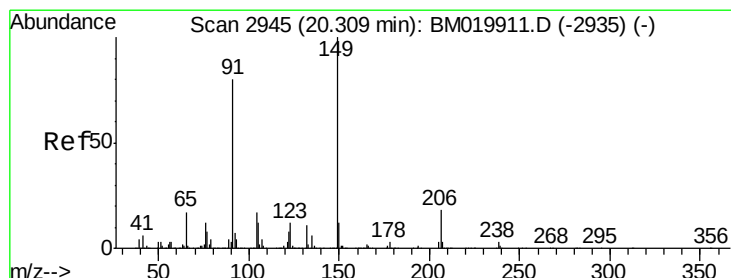
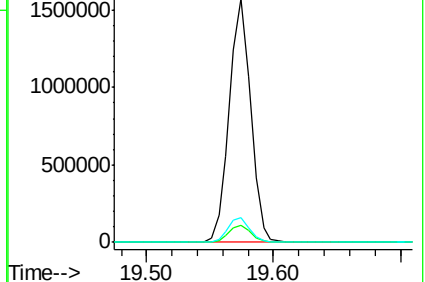
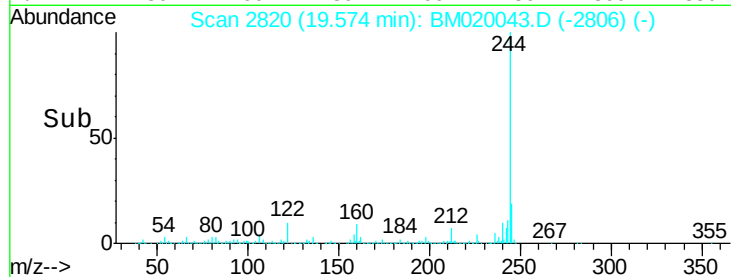
122 10.4 9.1 13.7



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: 46.741 ng

RT: 20.27 min Scan# 2939

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

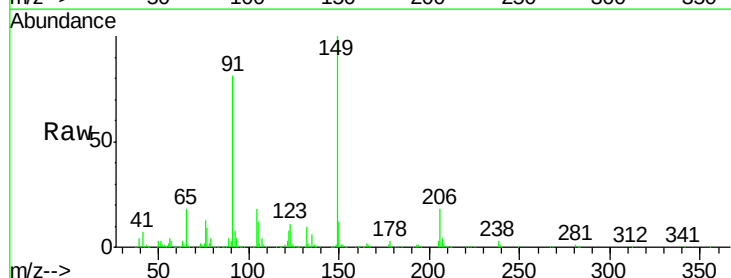
Tgt Ion:149 Resp: 557244

Ion Ratio Lower Upper

149 100

91 80.9 63.7 95.5

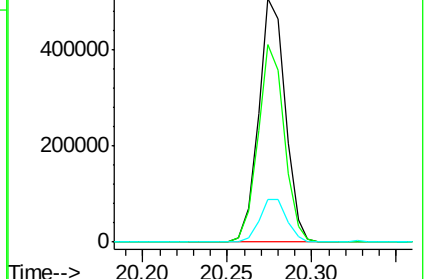
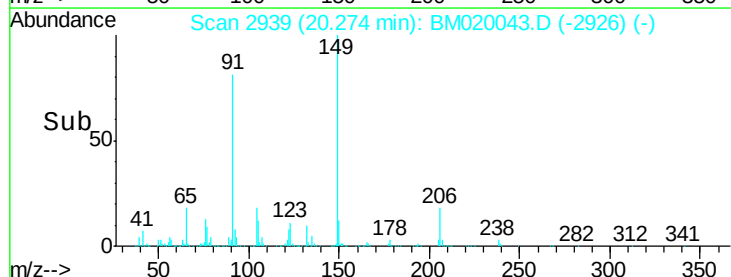
206 17.7 14.6 21.8

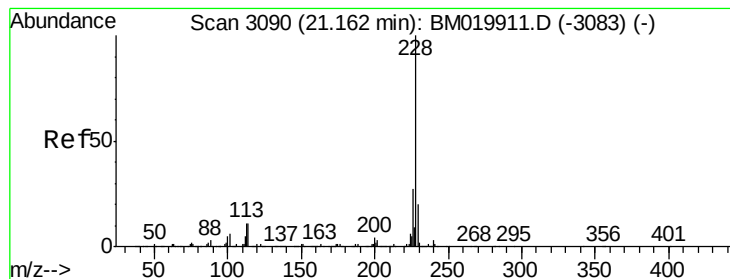


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.607 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampled :

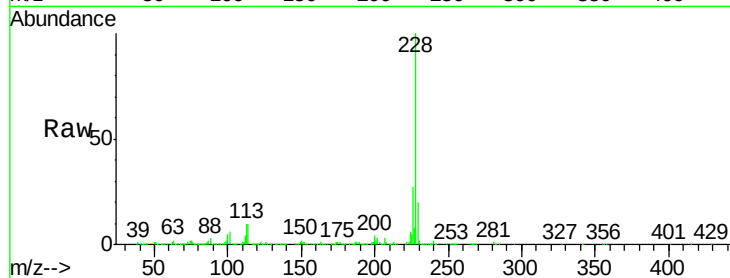
Tot Ion:228 Resp: 1096323

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

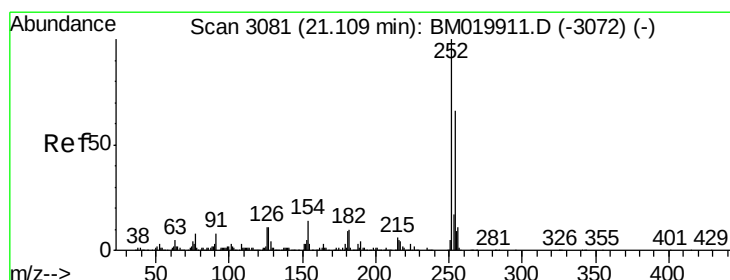
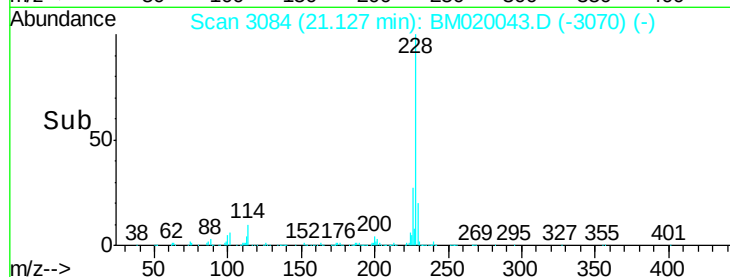
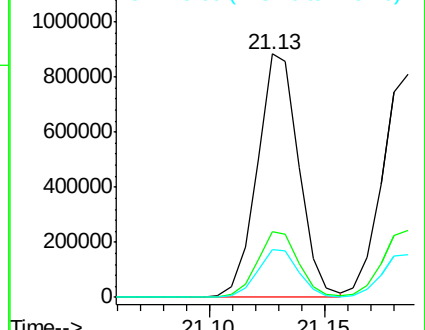
229 19.5 15.9 23.9



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: 26.012 ng

RT: 21.08 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

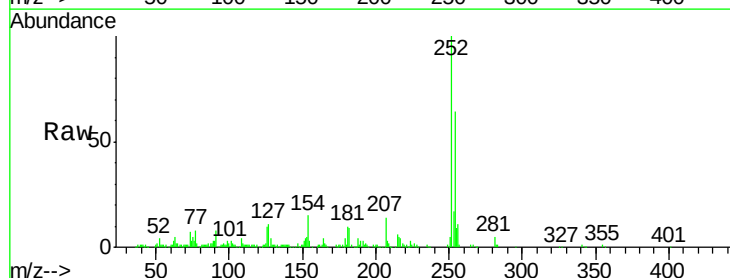
Tgt Ion:252 Resp: 227649

Ion Ratio Lower Upper

252 100

254 63.6 52.6 78.8

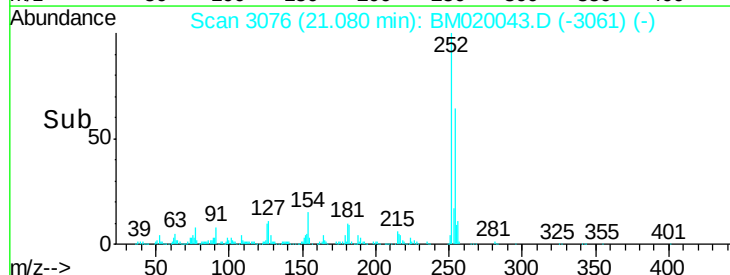
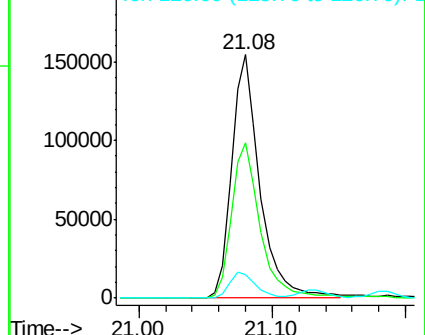
126 9.6 8.6 12.8

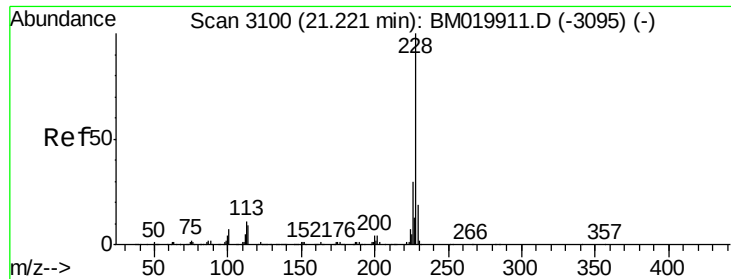


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.544 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

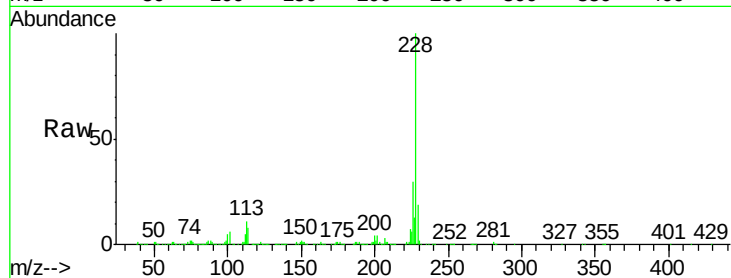
Tot Ion:228 Resp: 1095081

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

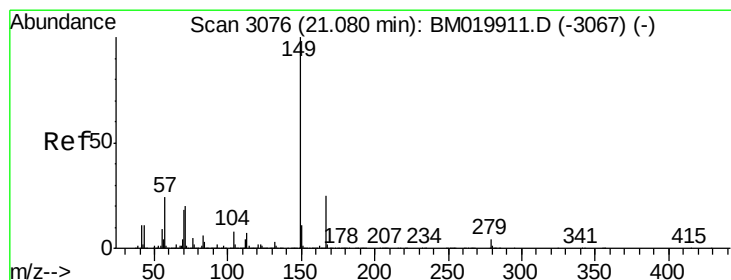
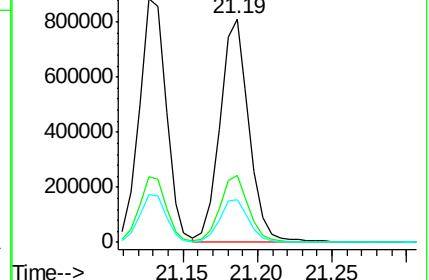
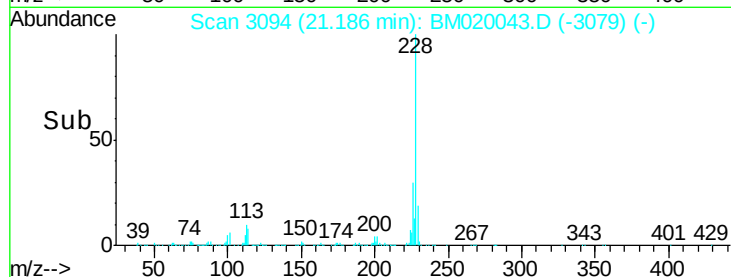
229 19.2 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.909 ng

RT: 21.04 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

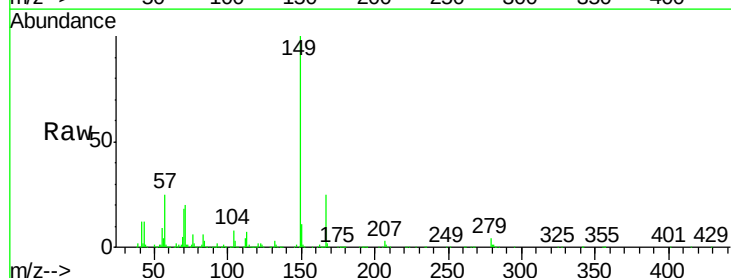
Tgt Ion:149 Resp: 814821

Ion Ratio Lower Upper

149 100

167 25.1 20.3 30.5

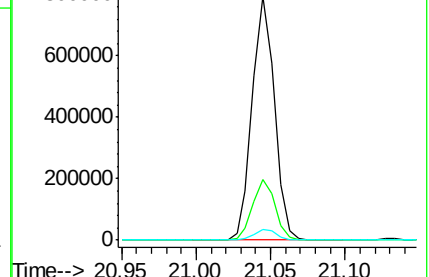
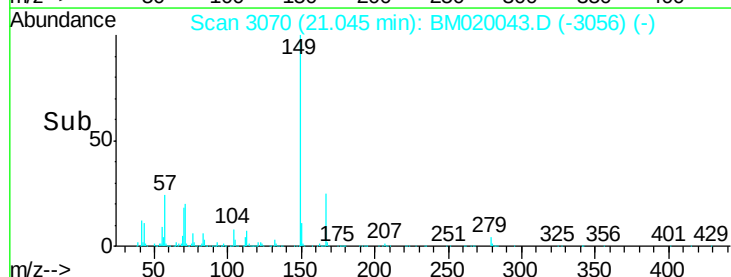
279 4.2 3.4 5.2

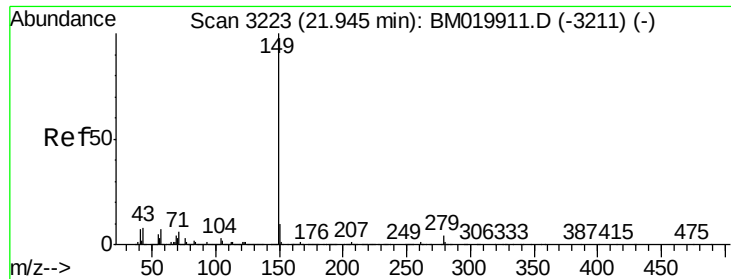


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

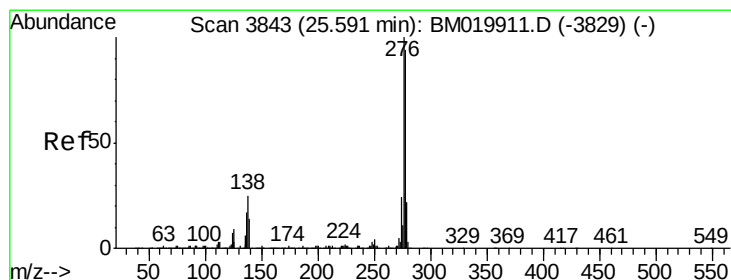
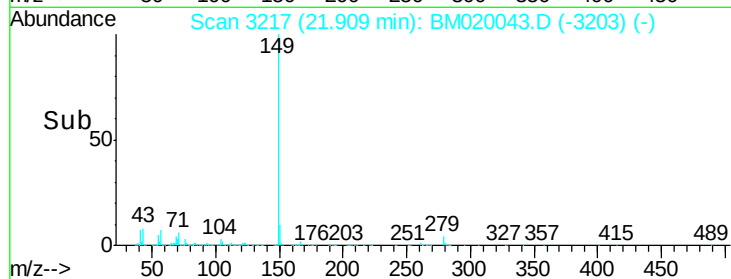
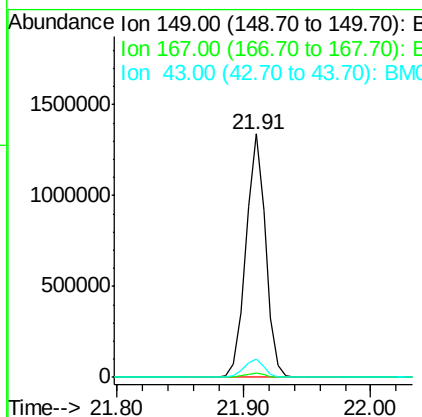
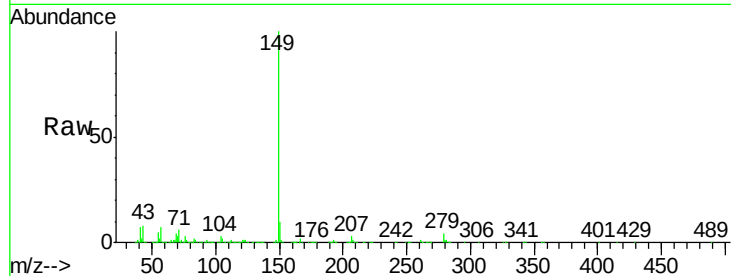




#85
Di-n-octyl phthalate
Concen: 49.458 ng
RT: 21.91 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

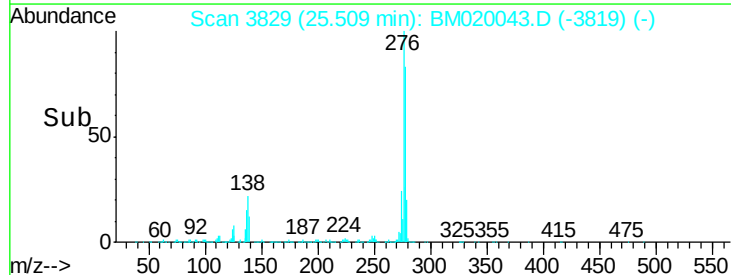
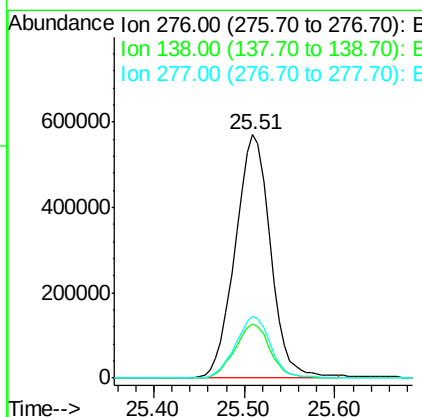
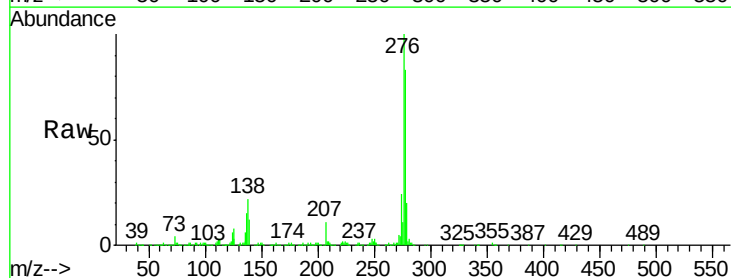
Instrument :
BNA_M
ClientSampleId :

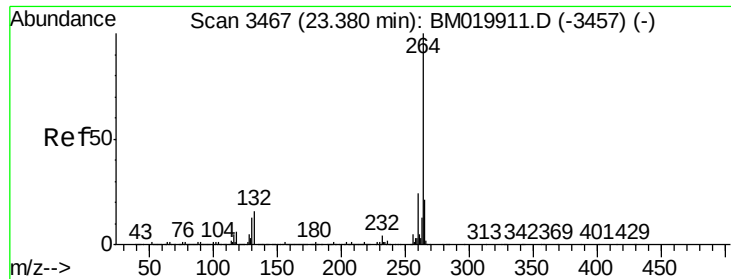
Tot Ion:149 Resp: 1424348
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.0 9.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 69.549 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion:276 Resp: 1543389
Ion Ratio Lower Upper
276 100
138 22.2 19.0 28.6
277 25.4 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3459

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampled :

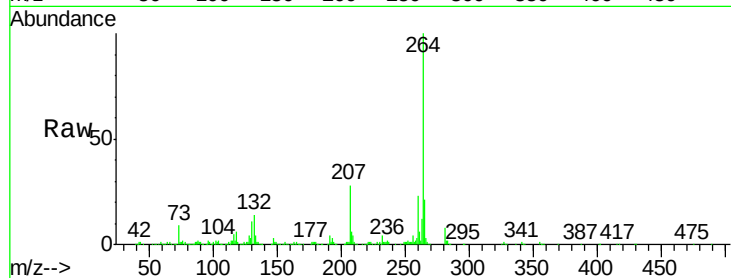
Tot Ion:264 Resp: 432053

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

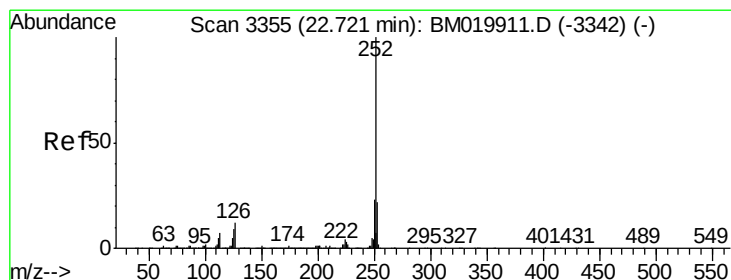
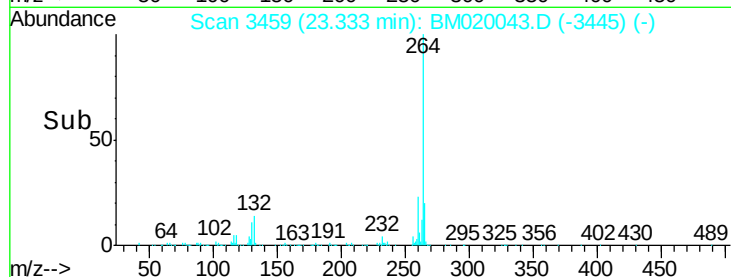
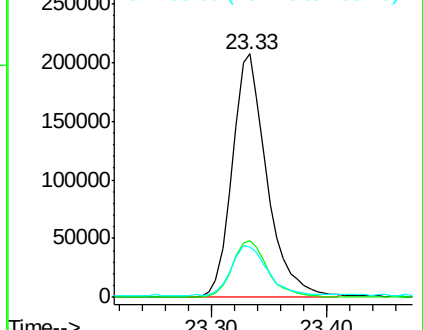
265 20.9 17.2 25.8



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: 44.015 ng

RT: 22.67 min Scan# 3347

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

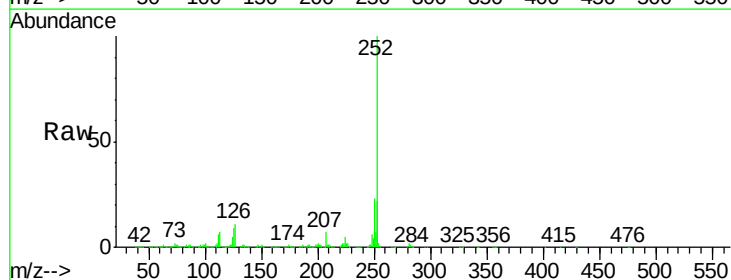
Tgt Ion:252 Resp: 1262745

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

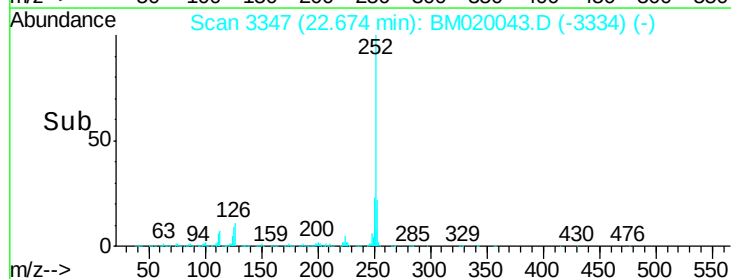
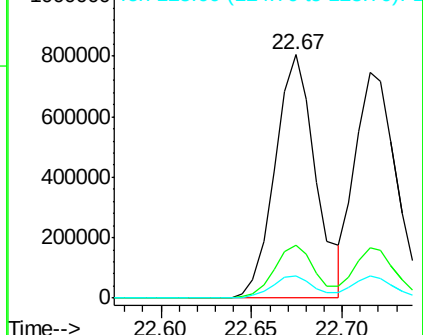
125 9.1 7.6 11.4

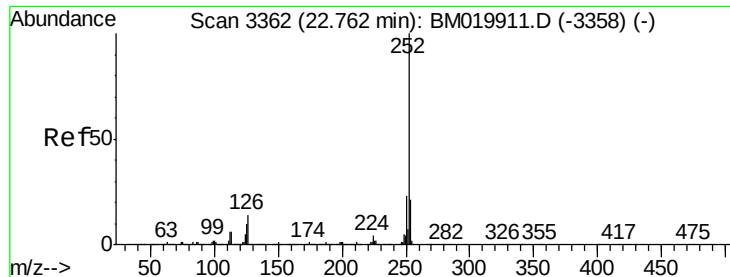


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.721 ng

RT: 22.72 min Scan# 3354

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

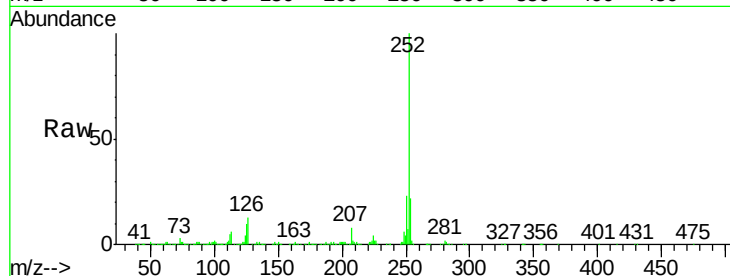
Tot Ion:252 Resp: 1180866

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

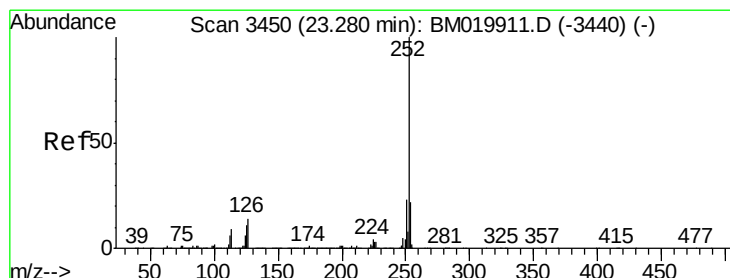
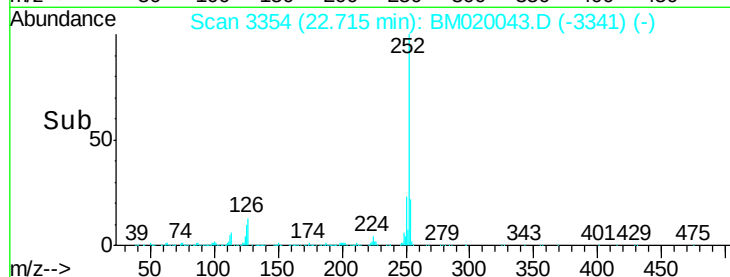
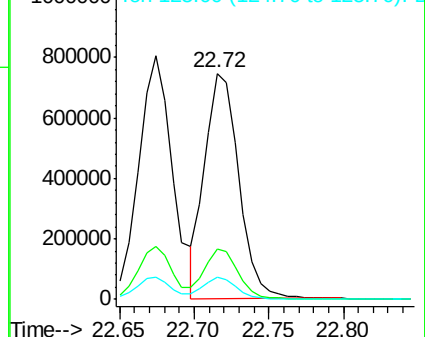
125 9.6 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.011 ng

RT: 23.23 min Scan# 3442

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

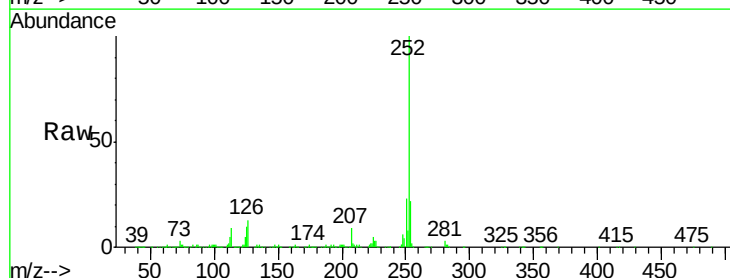
Tgt Ion:252 Resp: 1169610

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

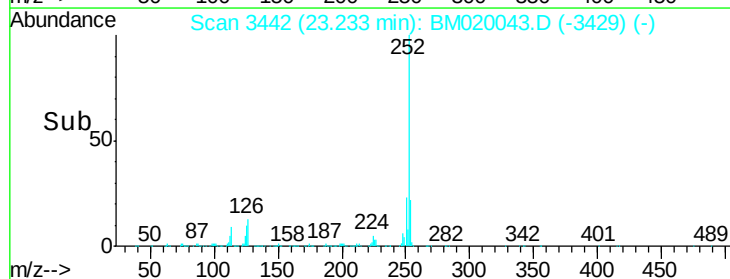
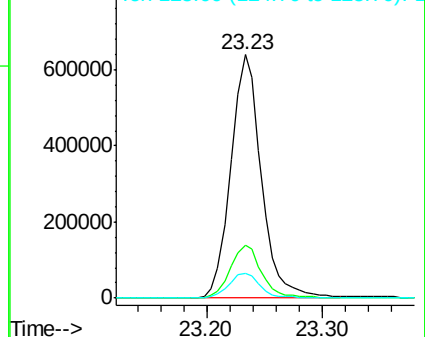
125 10.2 9.1 13.7

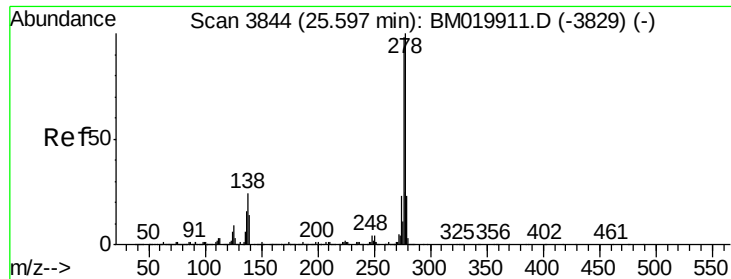


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

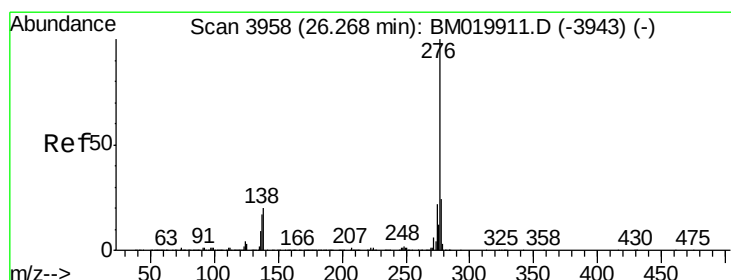
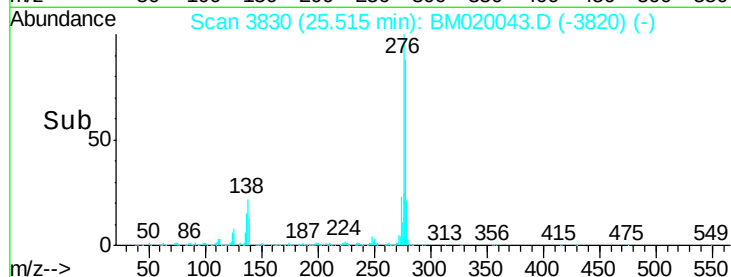
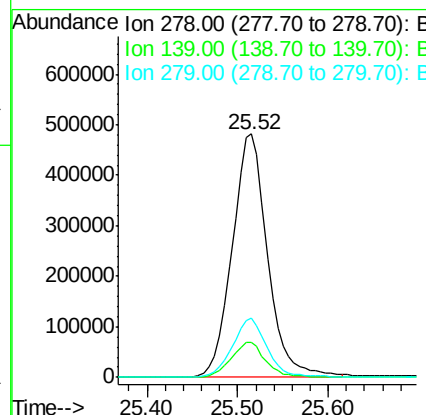
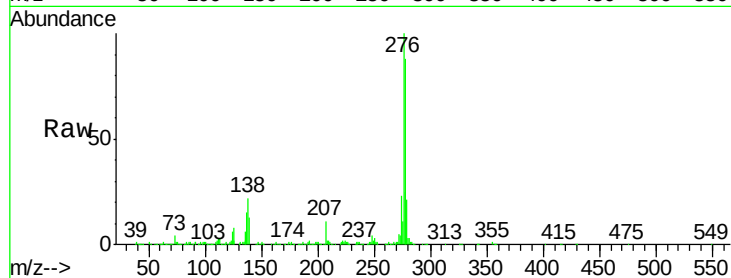




#91
Dibenzo(a,h)anthracene
Concen: 52.907 ng
RT: 25.52 min Scan# 3830
Delta R.T. -0.04 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1296667
Ion Ratio Lower Upper
278 100
139 14.5 11.6 17.4
279 24.2 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 54.022 ng
RT: 26.18 min Scan# 3943
Delta R.T. -0.05 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion:276 Resp: 1199193
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 19.1 16.2 24.4

