

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041519\
 Data File : BM019912.D
 Acq On : 15 Apr 2019 13:03
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 15 14:58:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 14:51:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	123353	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	597379	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	359270	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	795092	20.00	ng	0.00
76) Chrysene-d12	21.18	240	839122	20.00	ng	0.00
87) Perylene-d12	23.38	264	730916	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	768320	100.87	ng	0.00
7) Phenol-d6	6.73	99	1168632	104.89	ng	0.00
23) Nitrobenzene-d5	8.71	82	1338628	105.92	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	581876	109.69	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2901837	105.06	ng	0.00
79) Terphenyl-d14	19.62	244	4796425	113.48	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.12	88	165275	48.777	ng	97
3) Pyridine	3.52	79	446993	48.489	ng	98
4) n-Nitrosodimethylamine	3.44	42	151481	52.857	ng	97
6) Aniline	6.89	93	756741	52.609	ng	99
8) 2-Chlorophenol	7.10	128	479168	52.350	ng	97
9) Benzaldehyde	6.70	77	321286	45.846	ng	100
10) Phenol	6.76	94	638087	53.143	ng	99
11) bis(2-Chloroethyl)ether	6.98	93	467854	51.064	ng	100
12) 1,3-Dichlorobenzene	7.42	146	497246	51.334	ng	98
13) 1,4-Dichlorobenzene	7.57	146	502163	50.850	ng	99
14) 1,2-Dichlorobenzene	7.87	146	499831	52.023	ng	100
15) Benzyl Alcohol	7.79	79	542867	58.874	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.06	45	437455	46.761	ng	97
17) 2-Methylphenol	7.99	107	421545	53.876	ng	99
18) Hexachloroethane	8.58	117	196094	53.438	ng	97
19) n-Nitroso-di-n-propylamine	8.35	70	514662	56.307	ng	99
20) 3+4-Methylphenols	8.32	107	587759	55.341	ng	98
22) Acetophenone	8.37	105	818618	49.586	ng	# 99
24) Nitrobenzene	8.75	77	690173	52.512	ng	99
25) Isophorone	9.26	82	1302751	54.024	ng	99
26) 2-Nitrophenol	9.45	139	297278	54.567	ng	99
27) 2,4-Dimethylphenol	9.51	122	417289	51.522	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	727875	50.977	ng	99
29) 2,4-Dichlorophenol	9.98	162	478825	53.380	ng	98
30) 1,2,4-Trichlorobenzene	10.17	180	502426	49.673	ng	100
31) Naphthalene	10.36	128	1590901	50.527	ng	100
32) Benzoic acid	9.73	122	344170	50.175	ng	98
33) 4-Chloroaniline	10.50	127	666319	51.625	ng	99
34) Hexachlorobutadiene	10.61	225	295067	50.835	ng	98
35) Caprolactam	11.35	113	159960	50.060	ng	95
36) 4-Chloro-3-methylphenol	11.64	107	590020	53.308	ng	99
37) 2-Methylnaphthalene	11.99	142	1153261	50.404	ng	100
38) 1-Methylnaphthalene	12.21	142	1129851	50.099	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	557036	49.015	ng	99

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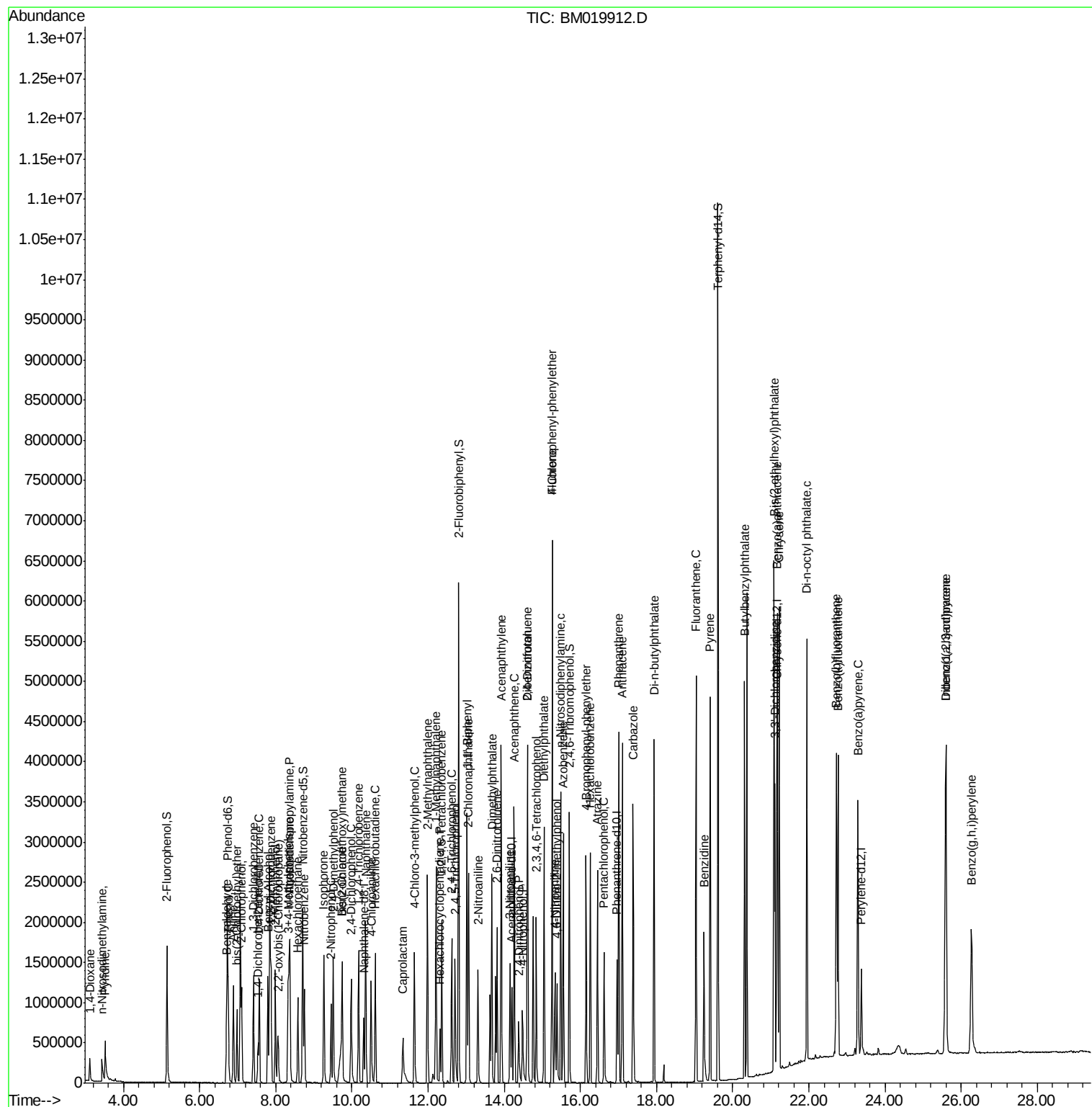
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	164454	31.947	ng	98
43) 2,4,6-Trichlorophenol	12.62	196	381553	51.952	ng	99
44) 2,4,5-Trichlorophenol	12.70	196	400588	51.008	ng	99
46) 1,1'-Biphenyl	13.02	154	1550706	49.424	ng	99
47) 2-Chloronaphthalene	13.06	162	1188664	50.755	ng	100
48) 2-Nitroaniline	13.31	65	437143	55.656	ng	99
49) Acenaphthylene	13.92	152	2076199	52.430	ng	100
50) Dimethylphthalate	13.67	163	1583918	51.537	ng	100
51) 2,6-Dinitrotoluene	13.82	165	351084	52.844	ng	98
52) Acenaphthene	14.26	154	1143156	50.240	ng	99
53) 3-Nitroaniline	14.15	138	357294	50.777	ng	99
54) 2,4-Dinitrophenol	14.38	184	190024	49.250	ng	99
55) Dibenzofuran	14.60	168	1873161	51.046	ng	100
56) 4-Nitrophenol	14.49	139	259904	45.239	ng	98
57) 2,4-Dinitrotoluene	14.62	165	512519	53.144	ng	99
58) Fluorene	15.26	166	1581582	52.289	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.84	232	362877	49.633	ng	98
60) Diethylphthalate	15.04	149	1648667	52.966	ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	763866	51.997	ng	100
62) 4-Nitroaniline	15.33	138	359512	50.697	ng	99
63) Azobenzene	15.55	77	1767440	53.961	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	265808	51.017	ng	99
66) n-Nitrosodiphenylamine	15.49	169	1297023	51.239	ng	100
67) 4-Bromophenyl-phenylether	16.15	248	454455	51.832	ng	98
68) Hexachlorobenzene	16.26	284	548027	52.573	ng	99
69) Atrazine	16.44	200	451994	53.045	ng	99
70) Pentachlorophenol	16.62	266	286153	45.563	ng	98
71) Phenanthrene	17.01	178	2355886	50.552	ng	100
72) Anthracene	17.10	178	2348664	51.480	ng	100
73) Carbazole	17.39	167	2194920	50.973	ng	99
74) Di-n-butylphthalate	17.93	149	2883697	55.381	ng	100
75) Fluoranthene	19.04	202	2702472	50.537	ng	99
77) Benzidine	19.25	184	1086902	45.672	ng	99
78) Pyrene	19.41	202	2761028	52.004	ng	100
80) Butylbenzylphthalate	20.32	149	1347378	58.266	ng	94
81) Benzo(a)anthracene	21.17	228	2636418	50.081	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	998996	49.260	ng	99
83) Chrysene	21.22	228	2530898	49.694	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	2023810	60.156	ng	99
85) Di-n-octyl phthalate	21.95	149	3244439	57.271	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	2418750	44.119	ng	100
88) Benzo(b)fluoranthene	22.72	252	2502415	52.836	ng	99
89) Benzo(k)fluoranthene	22.77	252	2239551	51.410	ng	99
90) Benzo(a)pyrene	23.29	252	2168435	50.947	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2044021	50.203	ng	99
92) Benzo(g,h,i)perylene	26.27	276	1825034	48.823	ng	99

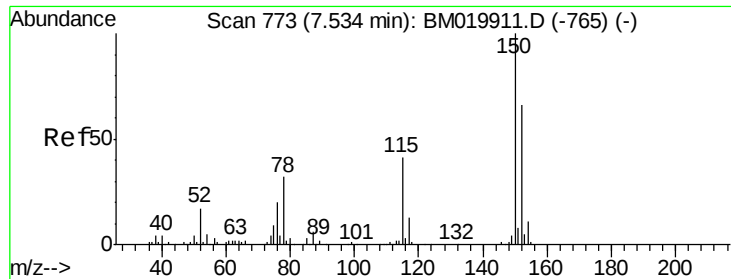
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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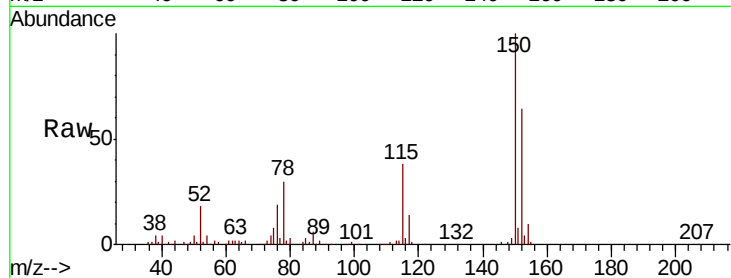


#1

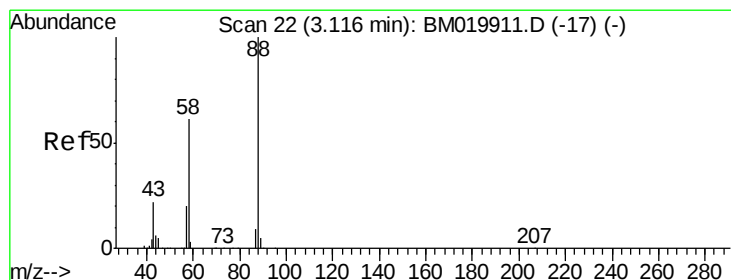
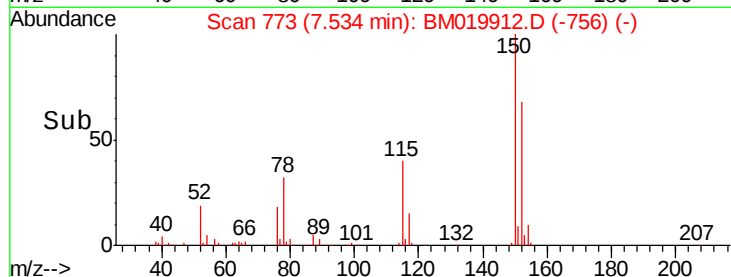
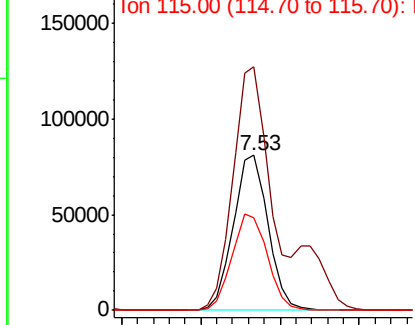
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.1	183.1
115	59.8	50.0	75.0



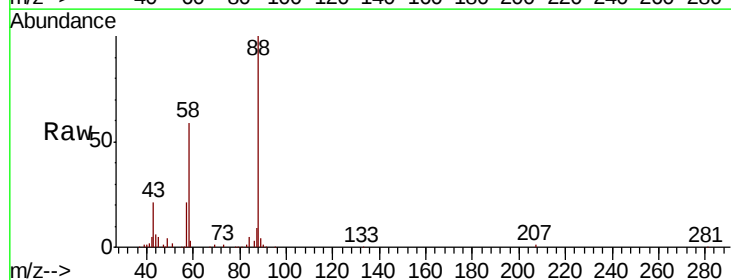
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



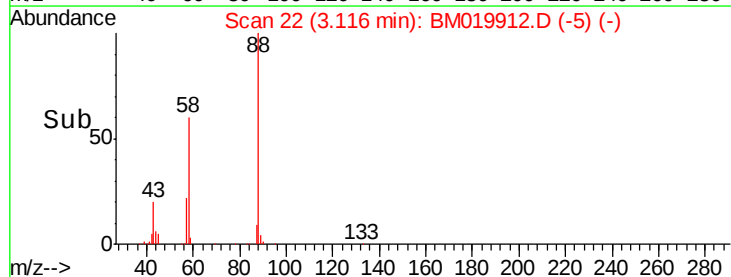
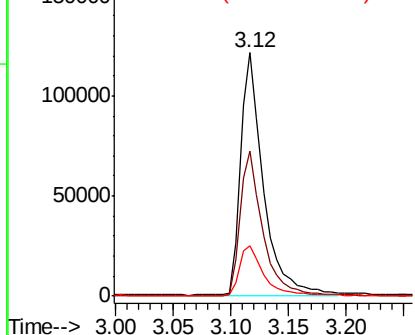
#2

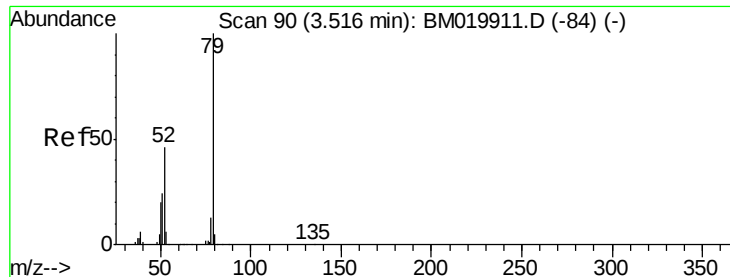
1,4-Dioxane
Concen: 48.777 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.8	49.6	74.4
43	22.3	18.6	27.8



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





#3

Pvridine

Concen: 48.489 ng

RT: 3.52 min Scan# 90

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

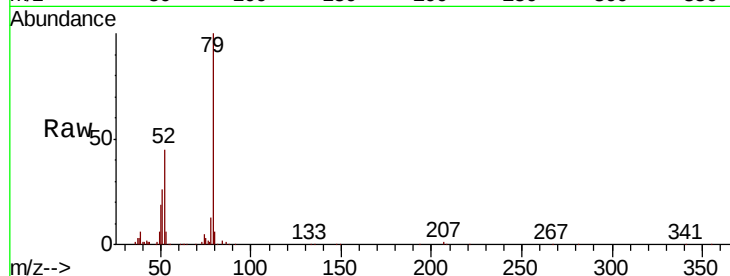
Tot Ion: 79 Resp: 446993

Ion Ratio Lower Upper

79 100

52 44.9 36.9 55.3

51 25.8 20.0 30.0

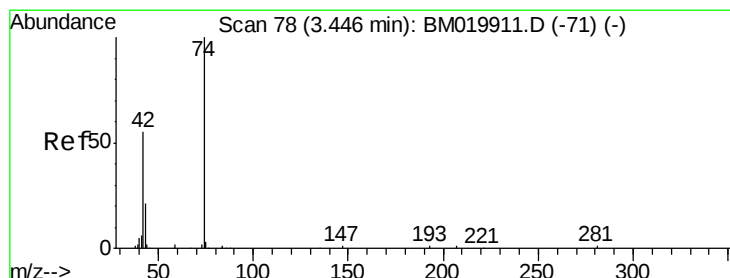
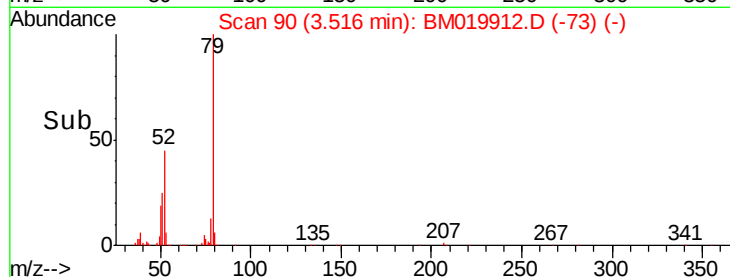
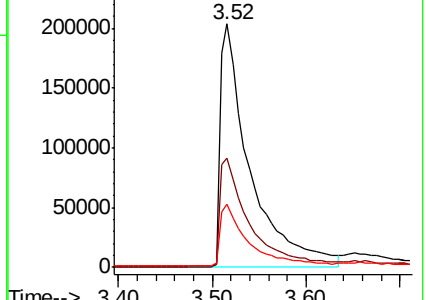


Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019911.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019911.D (-84) (-)

3.52



#4

n-Nitrosodimethylamine

Concen: 52.857 ng

RT: 3.44 min Scan# 77

Delta R.T. -0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

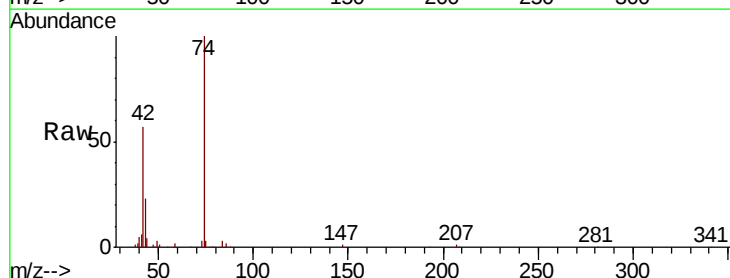
Tgt Ion: 42 Resp: 151481

Ion Ratio Lower Upper

42 100

74 177.0 144.6 217.0

44 6.9 5.4 8.2

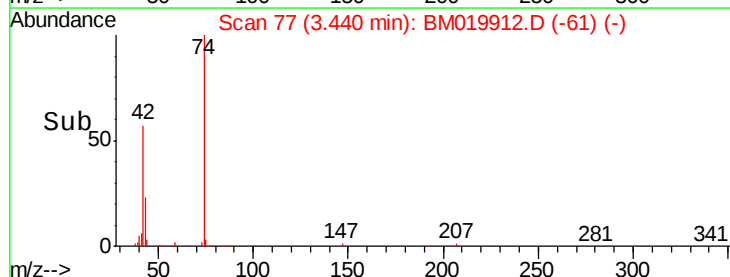
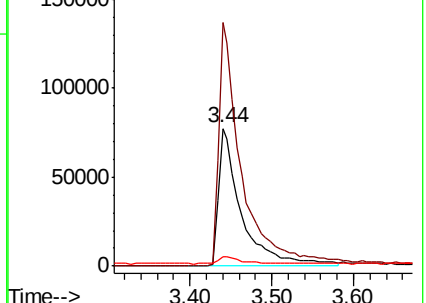


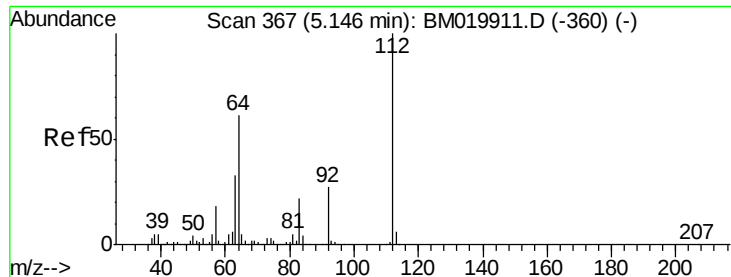
Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM019911.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM019911.D (-71) (-)

3.44





#5

2-Fluorophenol

Concen: 100.871 ng

RT: 5.15 min Scan# 367

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

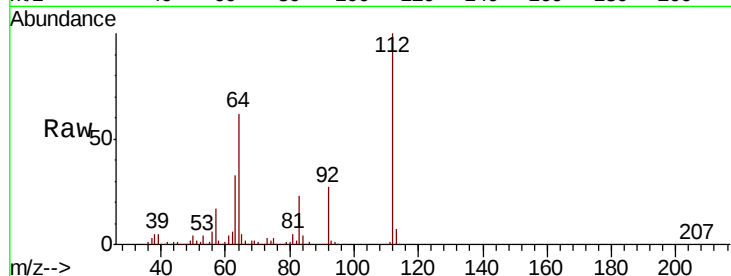
Tot Ion:112 Resp: 768320

Ion Ratio Lower Upper

112 100

64 62.2 49.1 73.7

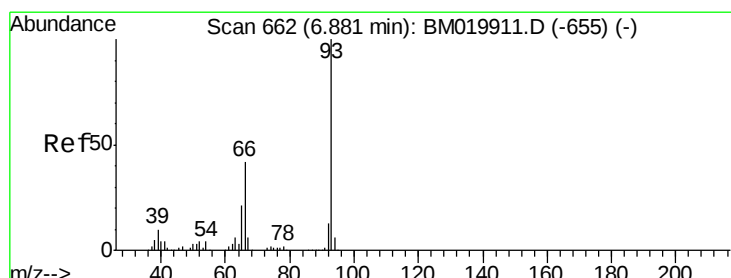
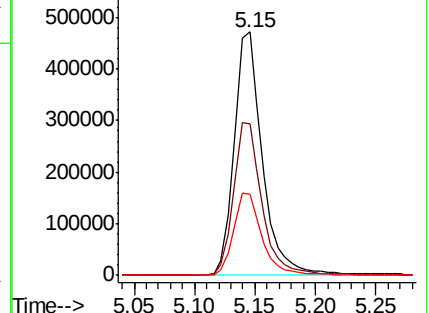
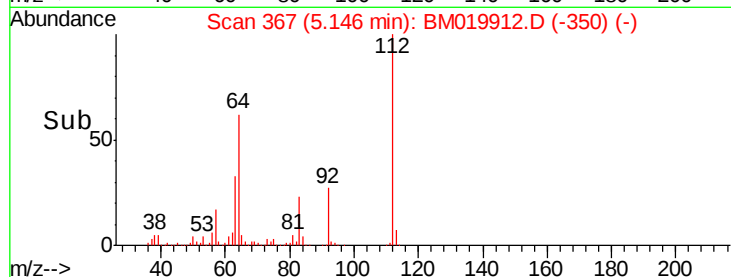
63 33.4 26.5 39.7



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: 52.609 ng

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

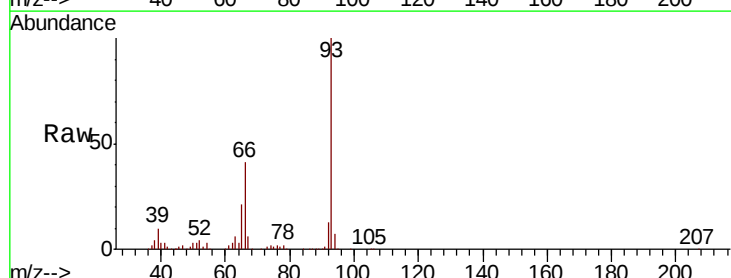
Tgt Ion: 93 Resp: 756741

Ion Ratio Lower Upper

93 100

66 41.1 33.9 50.9

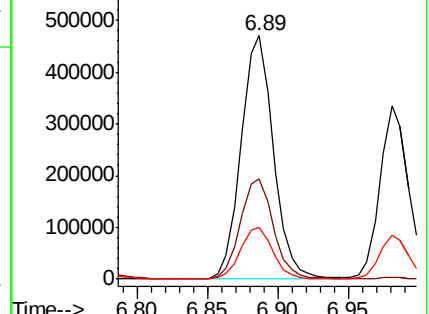
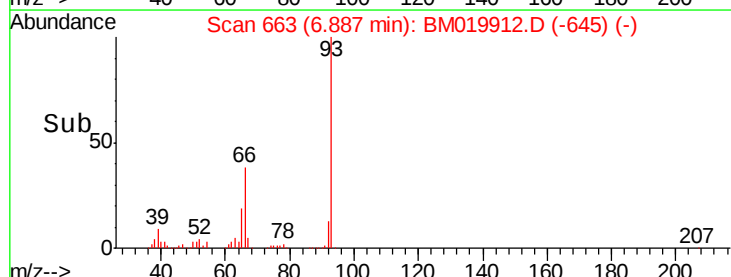
65 21.3 17.0 25.6

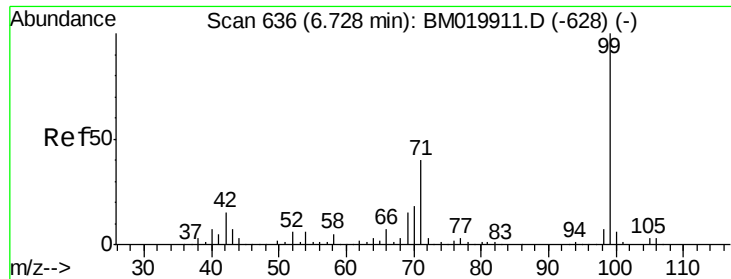


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 104.893 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.00 min

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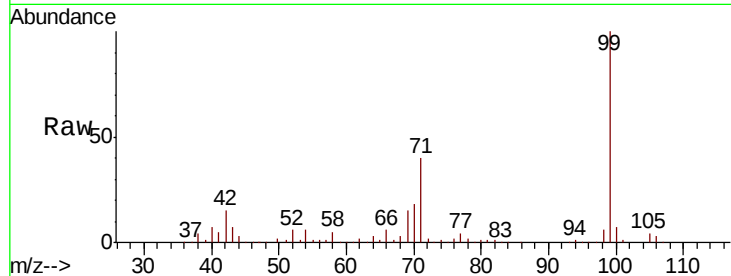
Tot Ion: 99 Resp: 1168632

Ion Ratio Lower Upper

99 100

42 14.8 11.8 17.8

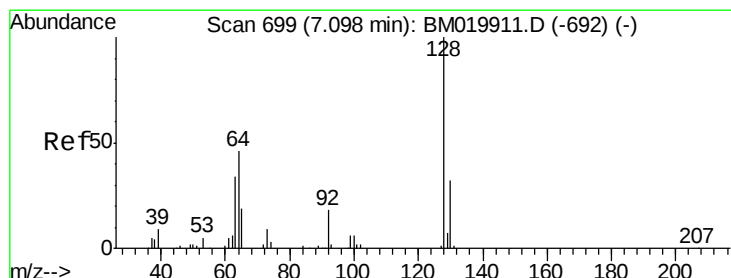
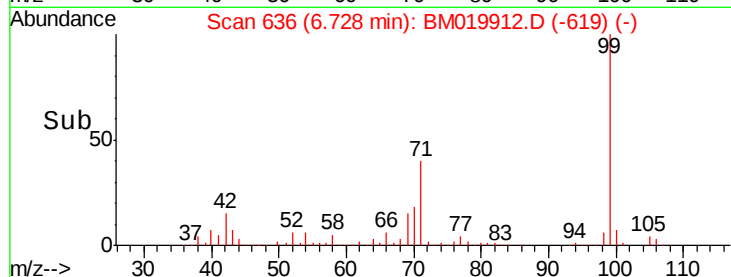
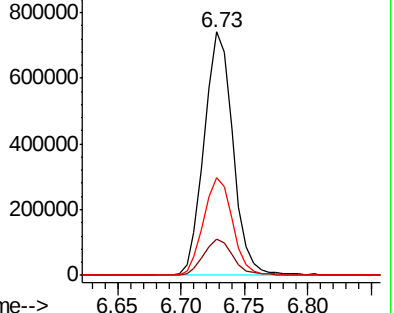
71 40.2 32.0 48.0



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: 52.350 ng

RT: 7.10 min Scan# 700

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

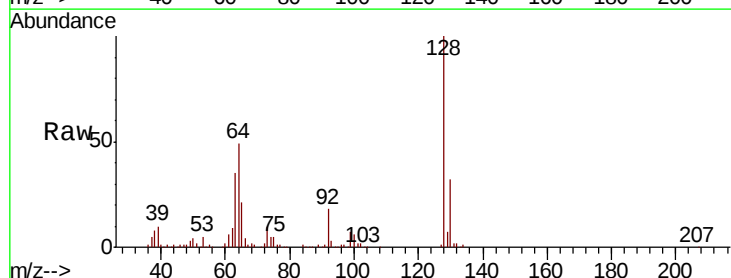
Tgt Ion:128 Resp: 479168

Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

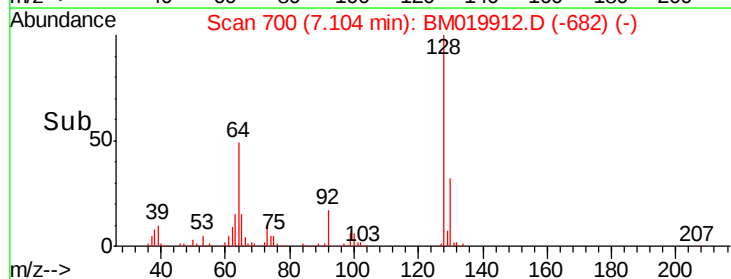
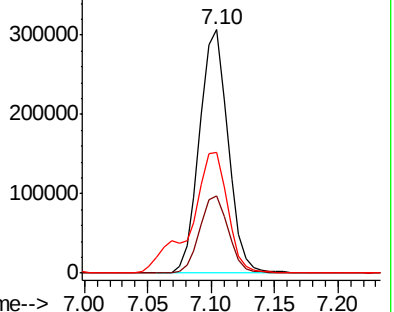
64 49.4 33.0 73.0

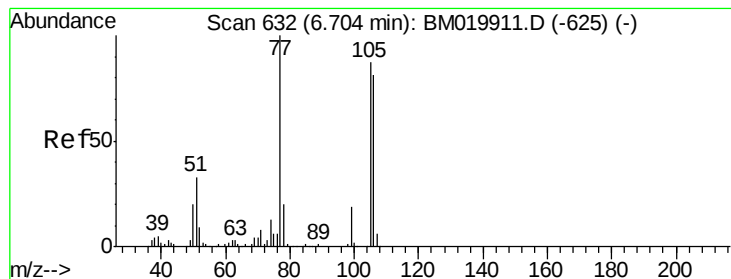


Abundance Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

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: 45.846 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampled :

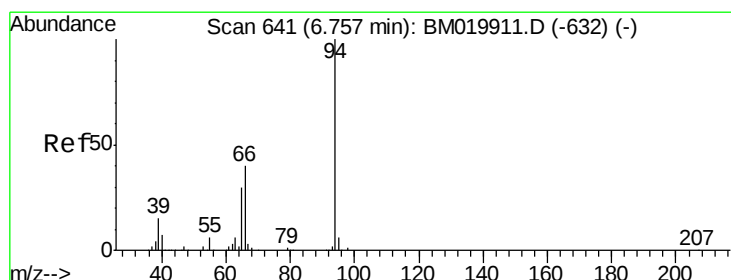
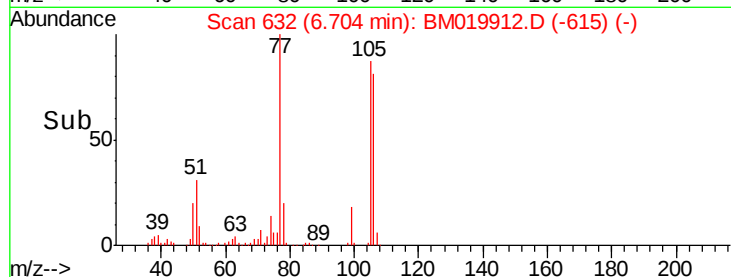
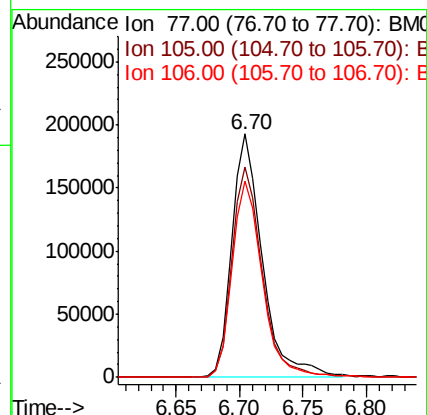
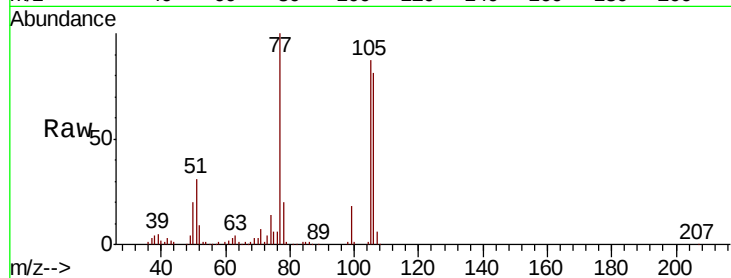
Tot Ion: 77 Resp: 321286

Ion Ratio Lower Upper

77 100

105 86.6 67.3 107.3

106 80.7 60.6 100.6



#10

Phenol

Concen: 53.143 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

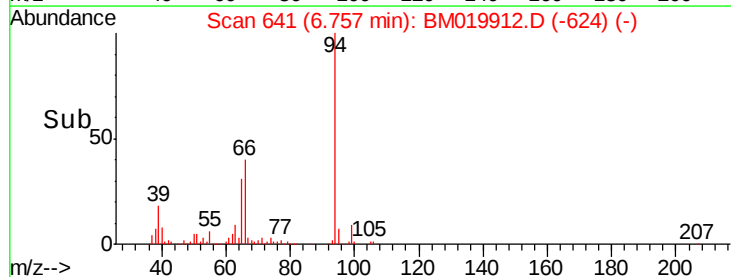
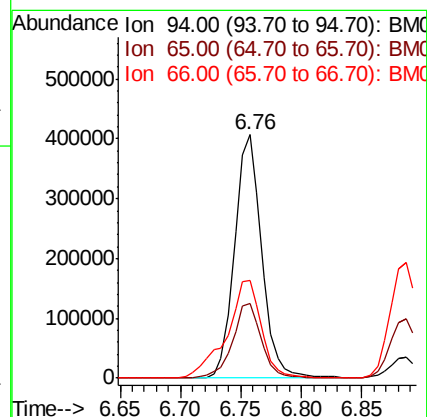
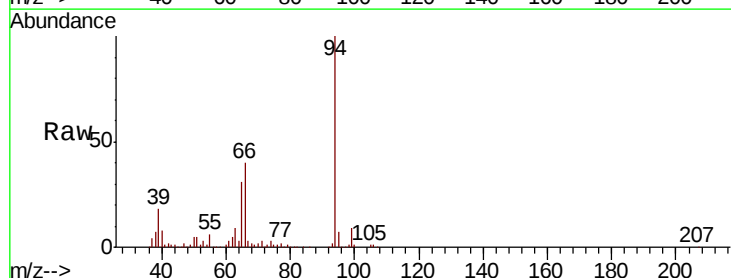
Tgt Ion: 94 Resp: 638087

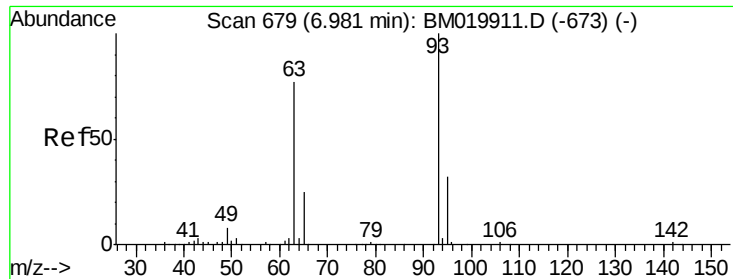
Ion Ratio Lower Upper

94 100

65 30.8 10.0 50.0

66 40.2 20.2 60.2

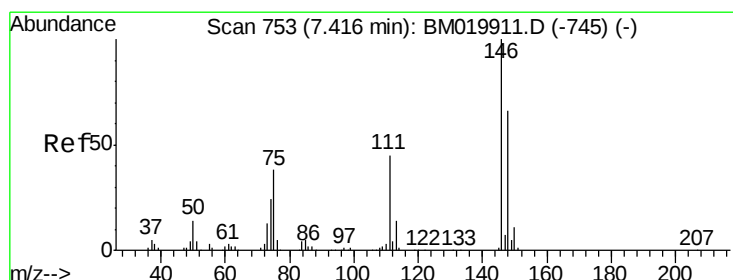
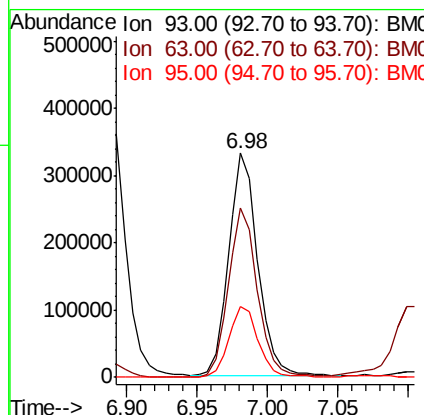
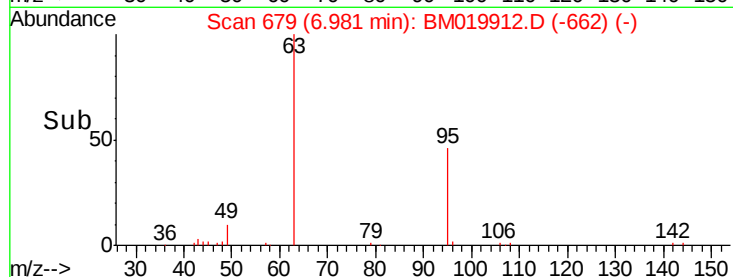
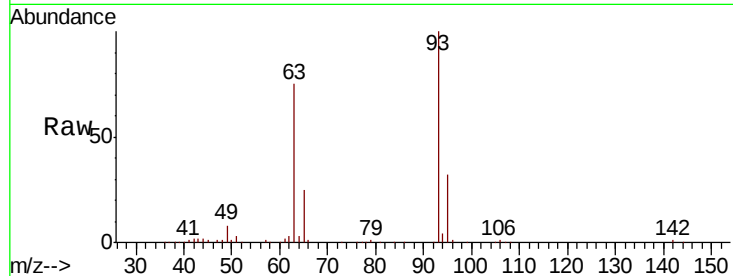




#11
bis(2-Chloroethyl)ether
Concen: 51.064 ng
RT: 6.98 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

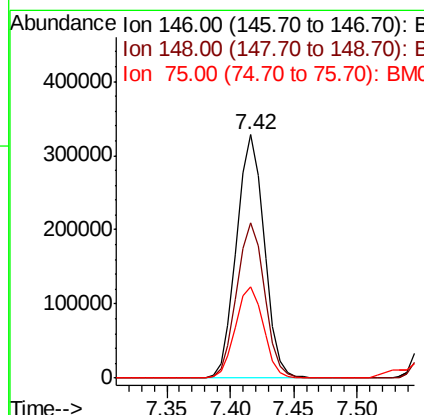
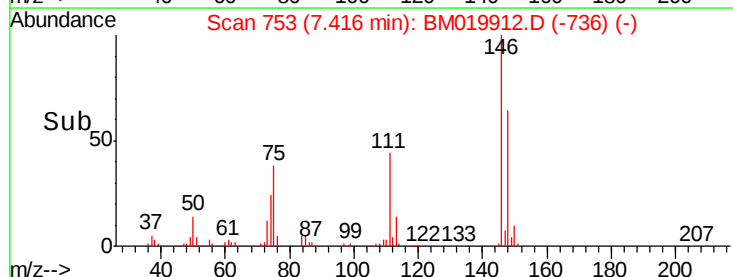
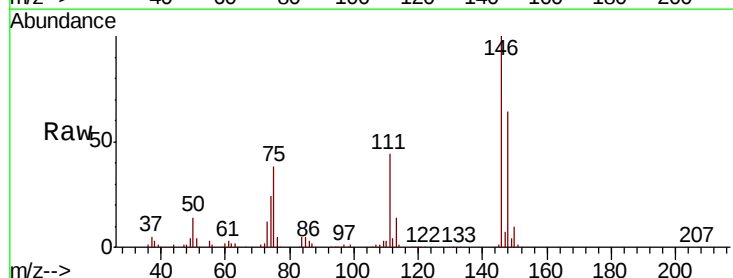
Instrument :
BNA_M
ClientSampled :

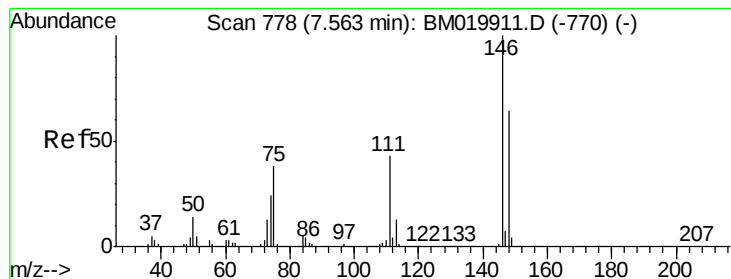
Tot Ion: 93 Resp: 467854
Ion Ratio Lower Upper
93 100
63 75.5 55.8 95.8
95 31.5 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 51.334 ng
RT: 7.42 min Scan# 753
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Tgt Ion: 146 Resp: 497246
Ion Ratio Lower Upper
146 100
148 63.7 52.6 78.8
75 37.6 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 50.850 ng

RT: 7.57 min Scan# 779

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

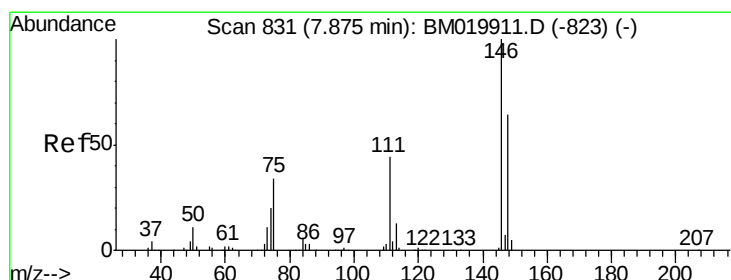
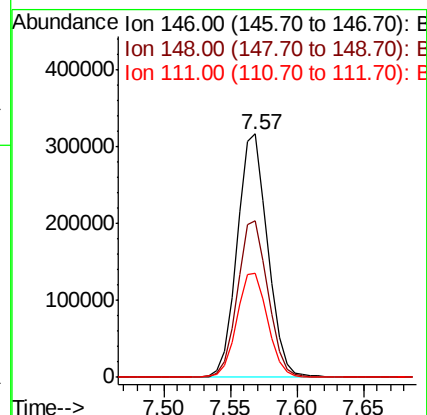
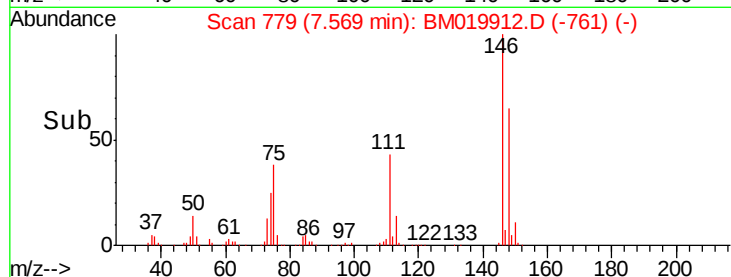
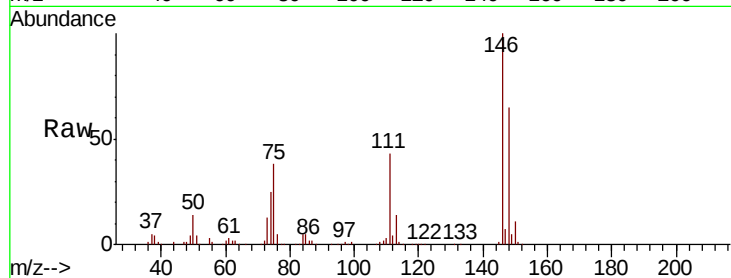
Tot Ion:146 Resp: 502163

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

111 43.0 34.6 51.8



#14

1,2-Dichlorobenzene

Concen: 52.023 ng

RT: 7.87 min Scan# 831

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

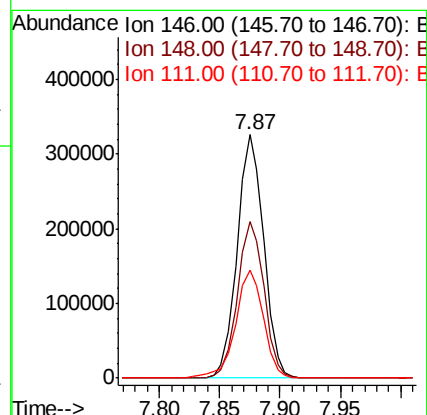
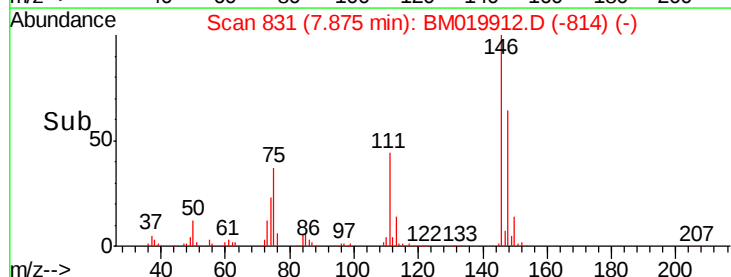
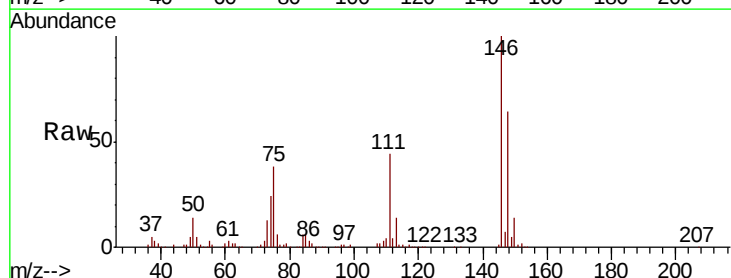
Tgt Ion:146 Resp: 499831

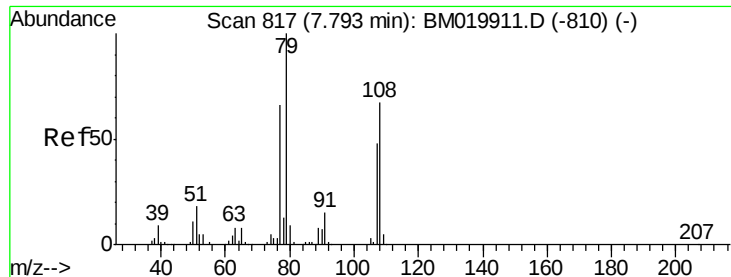
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

111 44.5 35.4 53.0





#15

Benzyl Alcohol

Concen: 58.874 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampled :

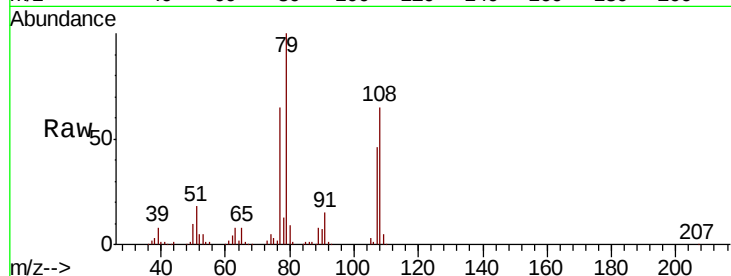
Tot Ion: 79 Resp: 542867

Ion Ratio Lower Upper

79 100

108 65.4 53.9 80.9

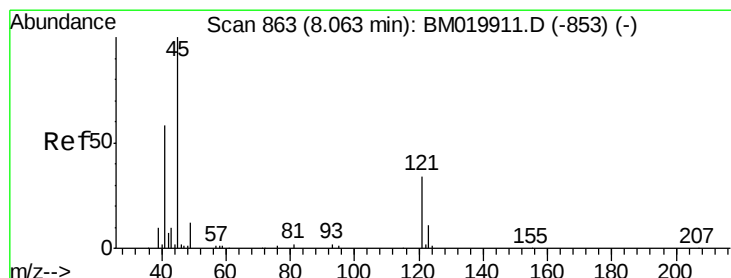
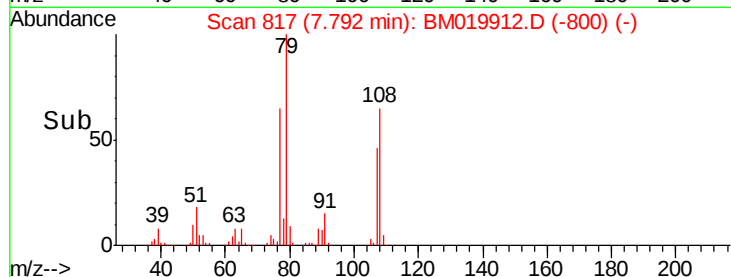
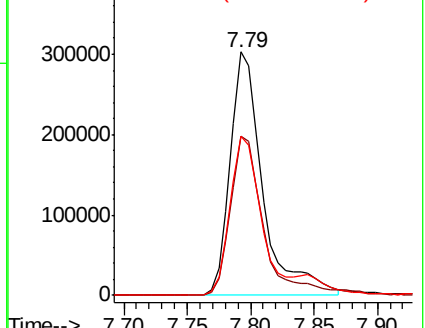
77 65.4 53.1 79.7



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: 46.761 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

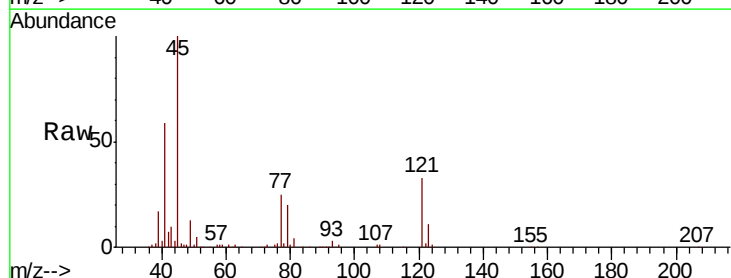
Tgt Ion: 45 Resp: 437455

Ion Ratio Lower Upper

45 100

77 25.1 7.2 47.2

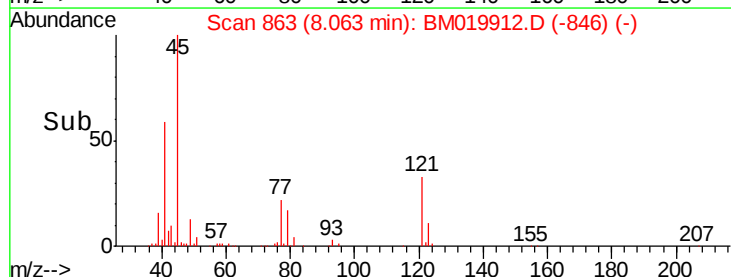
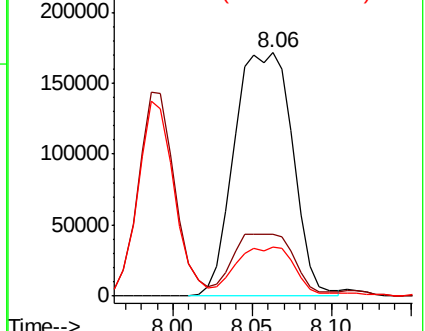
79 20.0 1.2 41.2

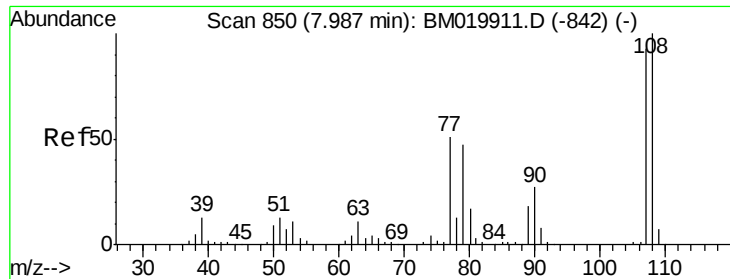


Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)

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

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

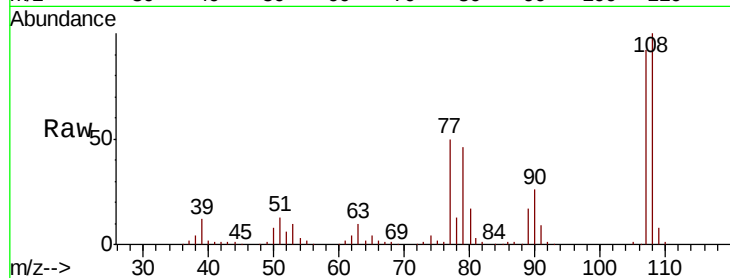




#17
2-Methylphenol
Concen: 53.876 ng
RT: 7.99 min Scan# 851
Delta R.T. 0.01 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.2	85.9	128.9
77	54.4	43.8	65.6
79	50.4	41.1	61.7



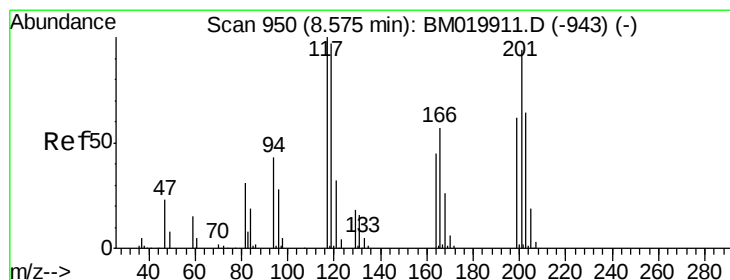
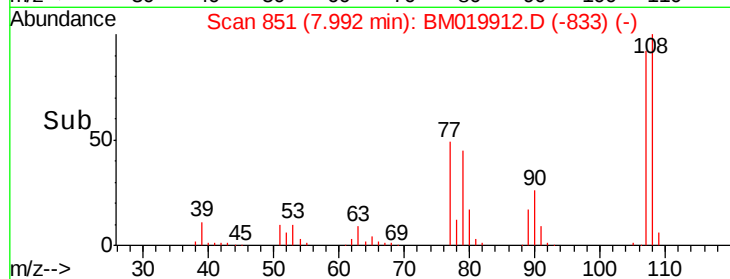
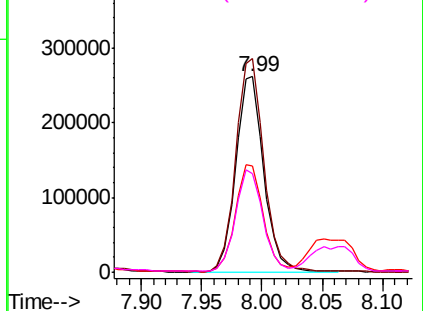
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

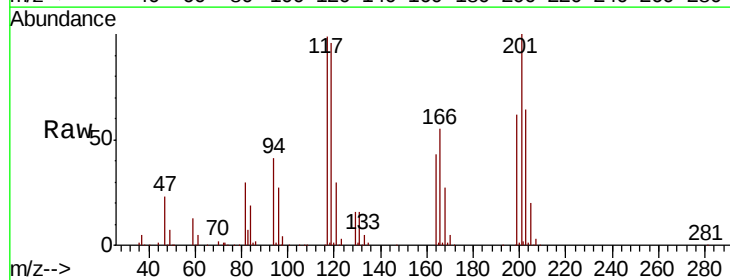
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 53.438 ng
RT: 8.58 min Scan# 951
Delta R.T. 0.01 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.6	116.4
201	100.9	75.4	113.2

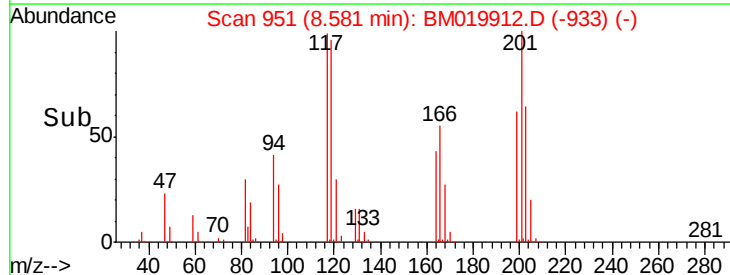
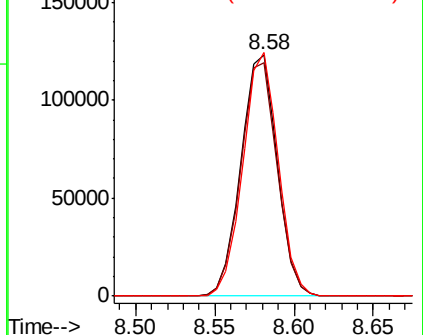


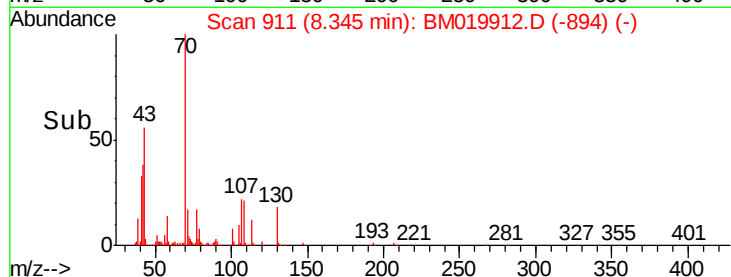
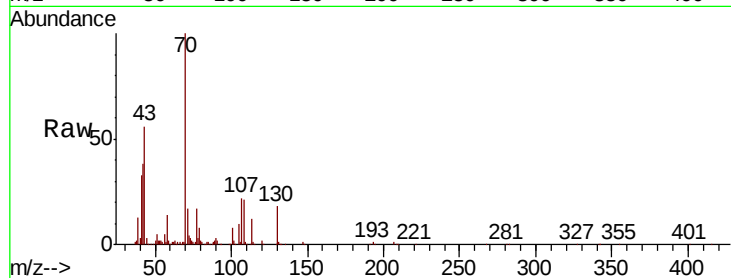
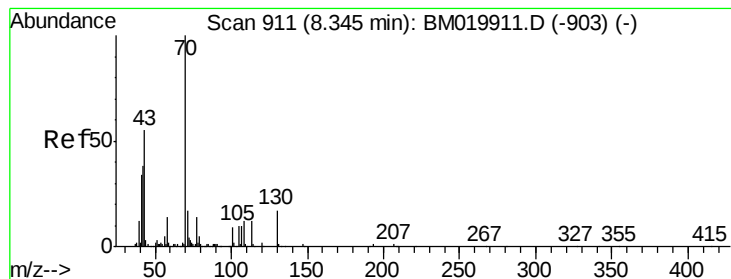
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 56.307 ng

RT: 8.35 min Scan# 911

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 514662

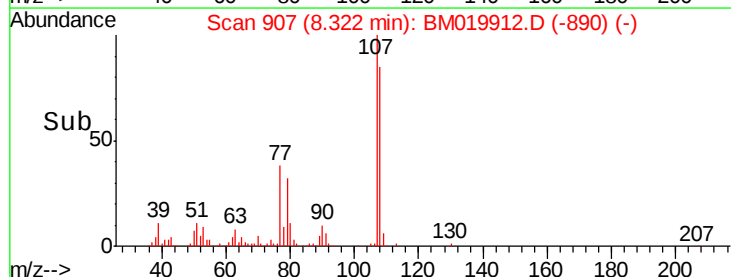
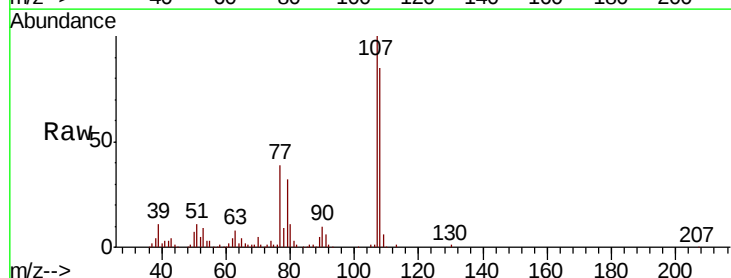
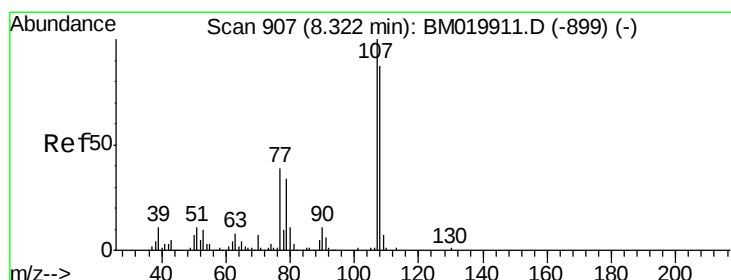
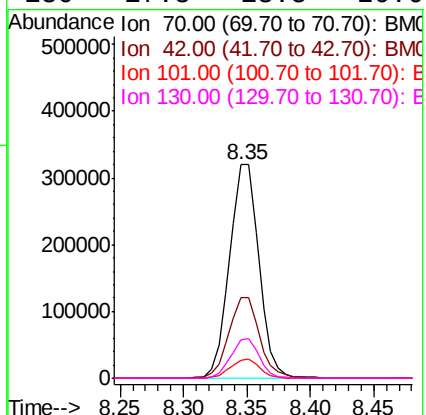
Ion Ratio Lower Upper

70 100

42 38.0 30.3 45.5

101 8.4 6.9 10.3

130 17.8 13.8 20.6



#20

3+4-Methylphenols

Concen: 55.341 ng

RT: 8.32 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Tgt Ion:107 Resp: 587759

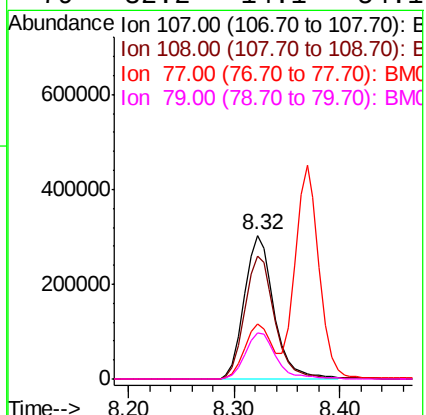
Ion Ratio Lower Upper

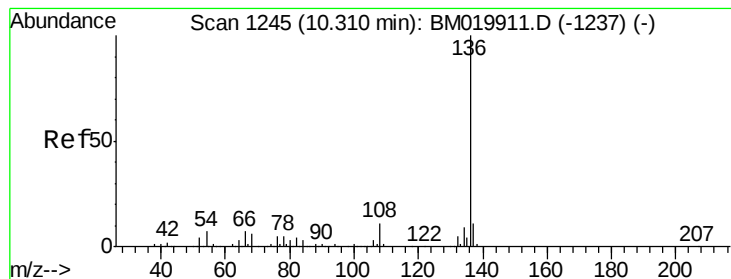
107 100

108 85.4 67.4 107.4

77 38.5 19.7 59.7

79 32.2 14.1 54.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 597379

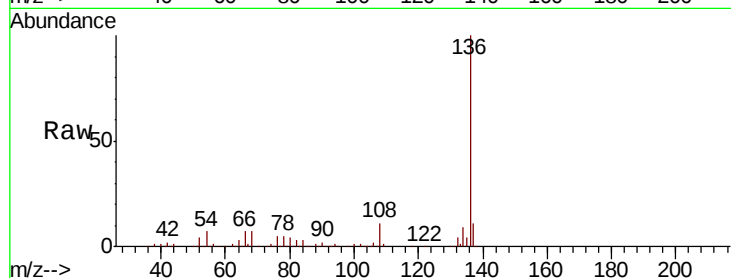
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.6 5.3 7.9

68 6.9 5.2 7.8

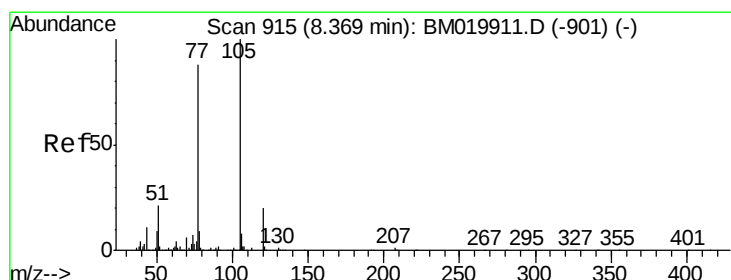
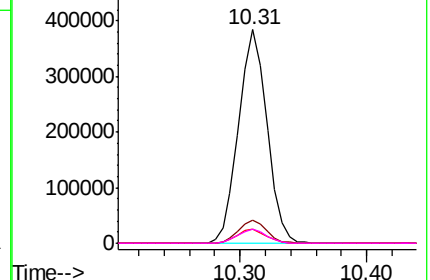
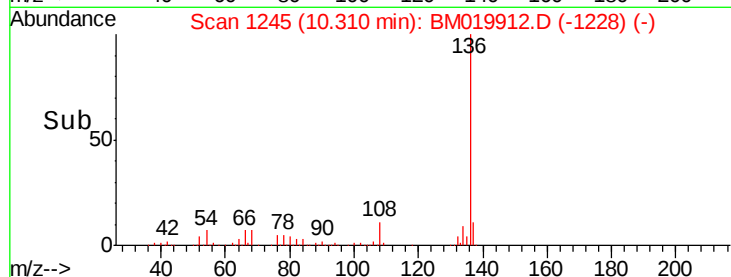


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 49.586 ng

RT: 8.37 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Tgt Ion:105 Resp: 818618

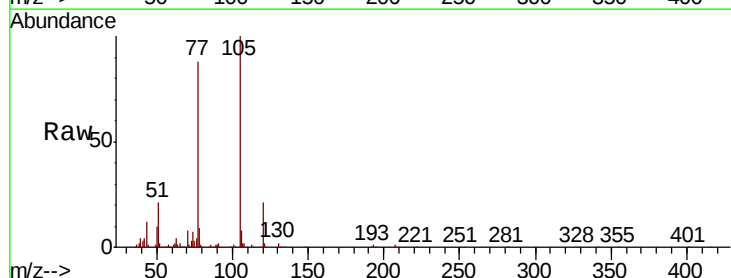
Ion Ratio Lower Upper

105 100

71 1.3 0.8 1.2#

51 21.0 16.9 25.3

120 21.2 16.4 24.6

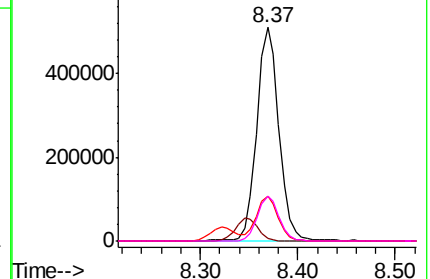
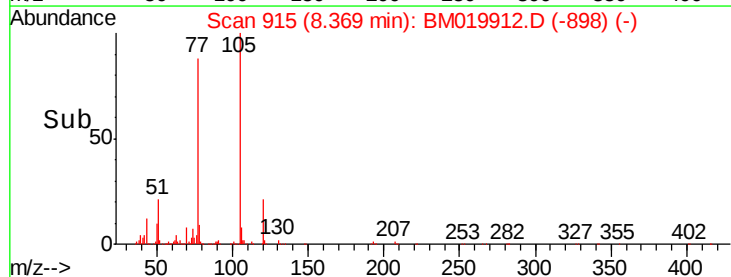


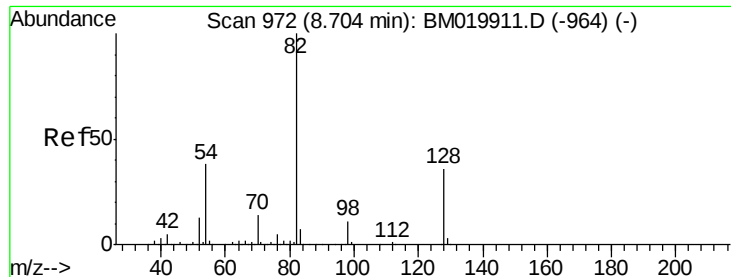
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

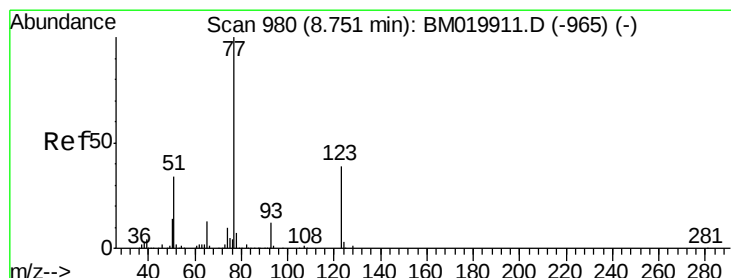
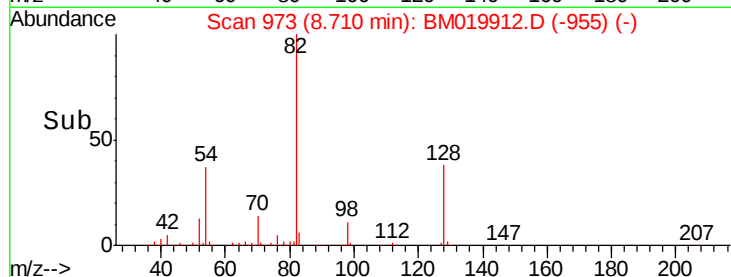
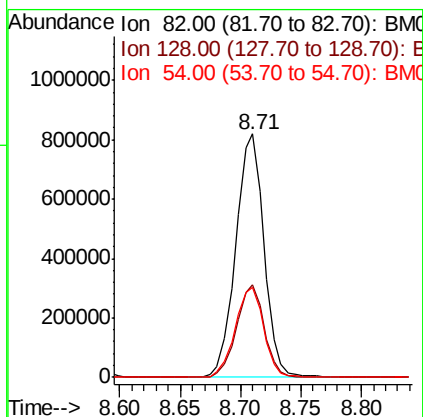
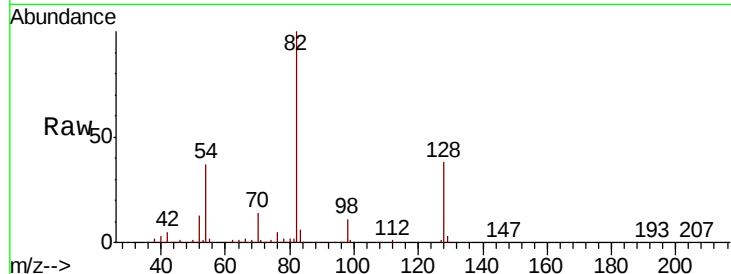




#23
 Nitrobenzene-d5
 Concen: 105.925 ng
 RT: 8.71 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

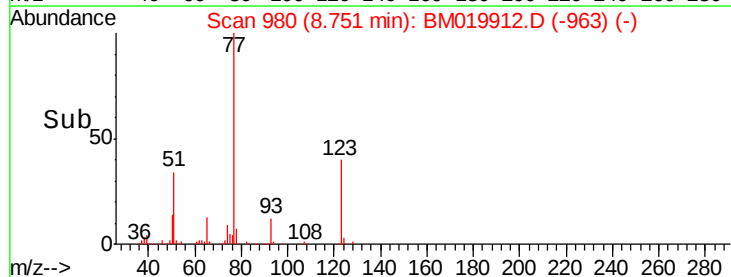
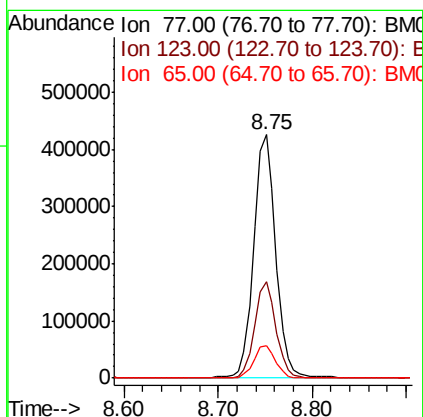
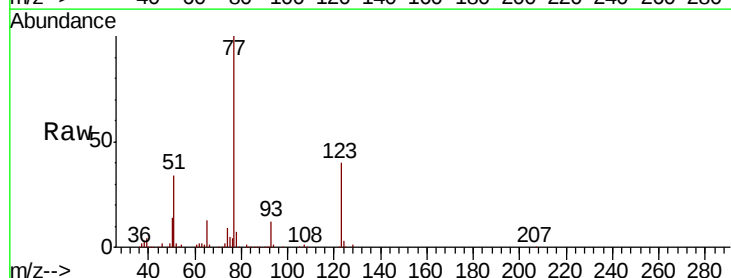
Instrument :
 BNA_M
 ClientSampleId :

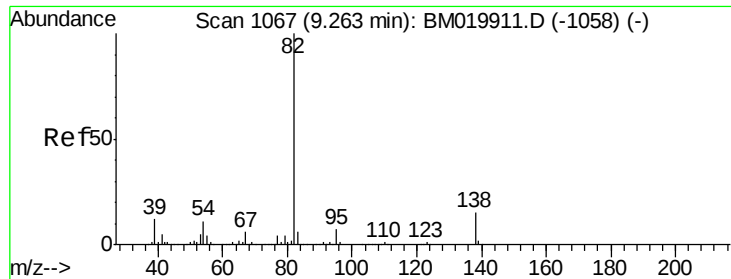
Tot Ion: 82 Resp: 1338628
 Ion Ratio Lower Upper
 82 100
 128 37.9 29.0 43.4
 54 37.2 30.2 45.4



#24
 Nitrobenzene
 Concen: 52.512 ng
 RT: 8.75 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

Tgt Ion: 77 Resp: 690173
 Ion Ratio Lower Upper
 77 100
 123 39.7 31.0 46.4
 65 13.5 10.6 16.0

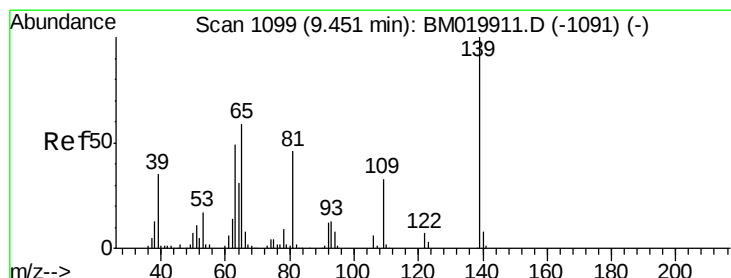
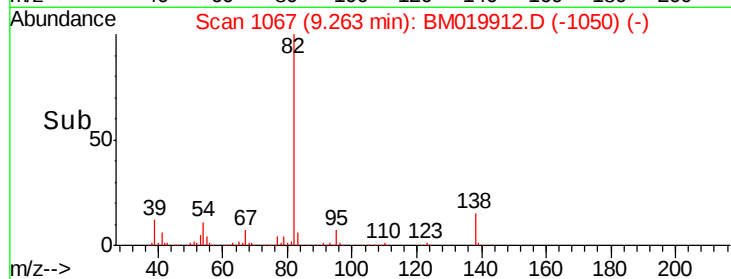
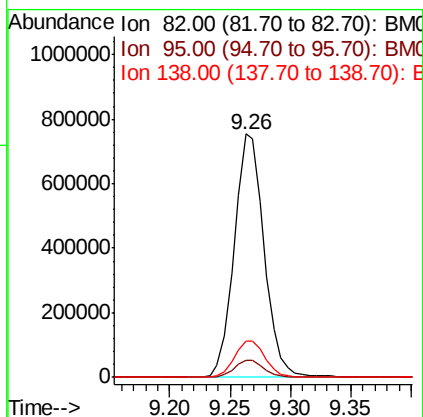
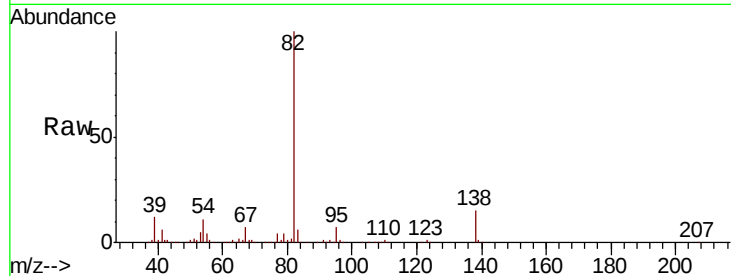




#25
Isophorone
Concen: 54.024 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

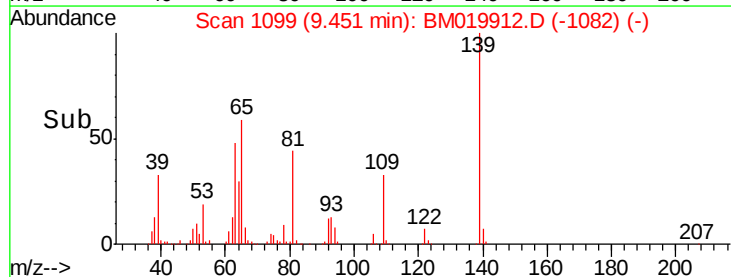
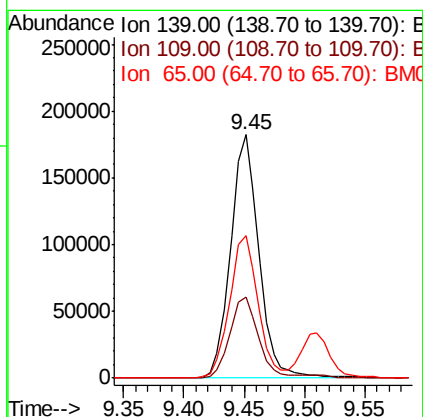
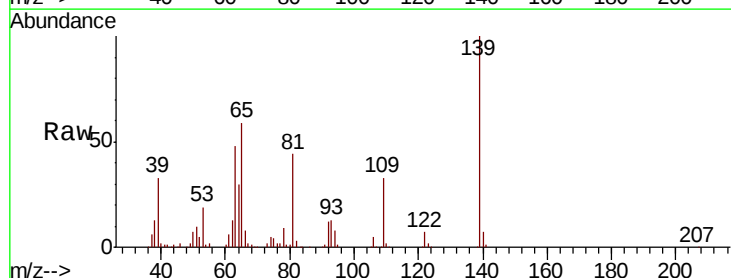
Instrument :
BNA_M
ClientSampled :

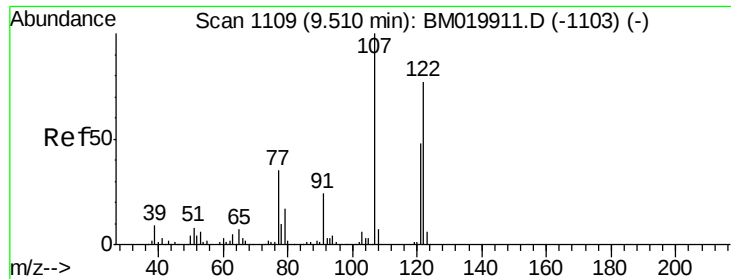
Tot Ion: 82 Resp: 1302751
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 14.9 12.2 18.2



#26
2-Nitrophenol
Concen: 54.567 ng
RT: 9.45 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Tgt Ion: 139 Resp: 297278
Ion Ratio Lower Upper
139 100
109 33.1 26.3 39.5
65 58.5 47.4 71.2

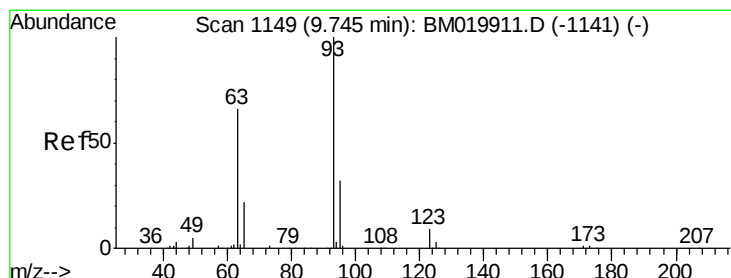
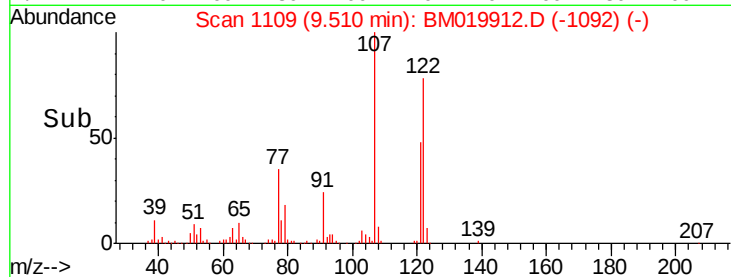
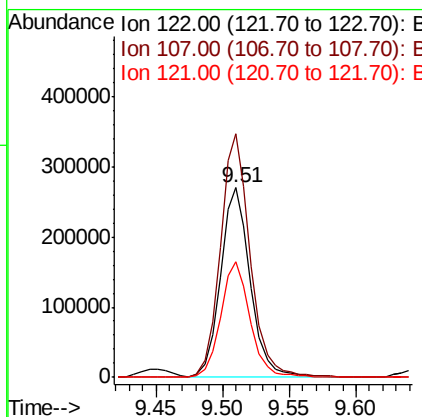
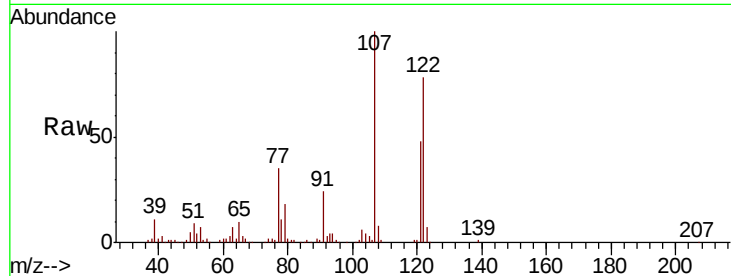




#27
 2,4-Dimethylphenol
 Concen: 51.522 ng
 RT: 9.51 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

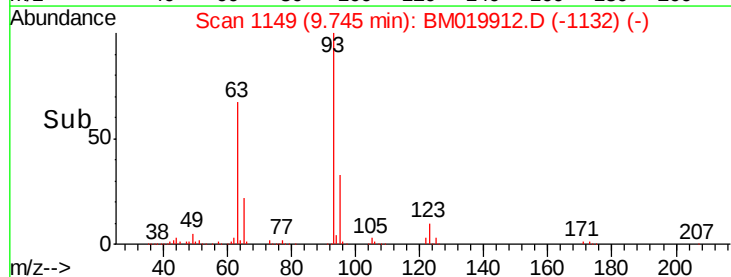
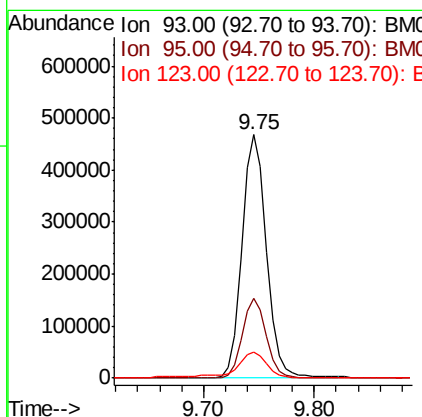
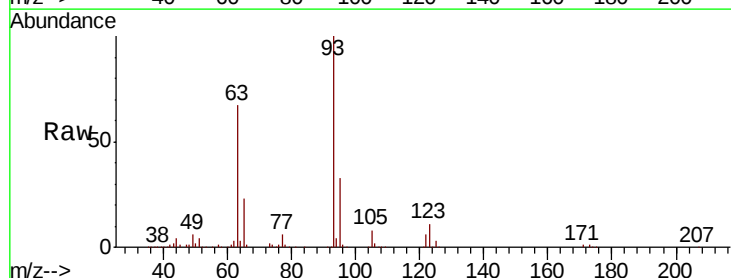
Instrument :
 BNA_M
 ClientSampleId :

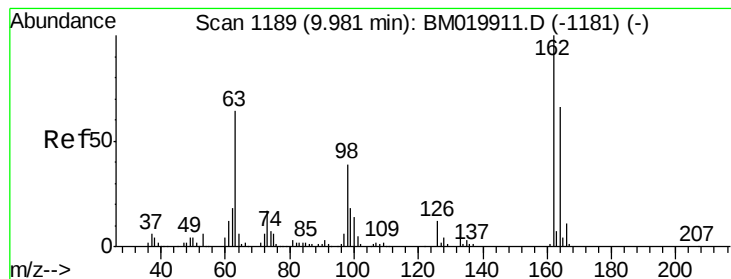
Tot Ion:122 Resp: 417289
 Ion Ratio Lower Upper
 122 100
 107 128.6 103.1 154.7
 121 61.1 49.8 74.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.977 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

Tgt Ion: 93 Resp: 727875
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.8 38.8
 123 10.8 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 53.380 ng

RT: 9.98 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

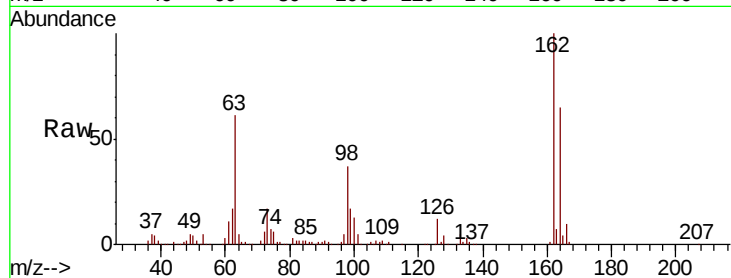
Tot Ion:162 Resp: 478825

Ion Ratio Lower Upper

162 100

164 64.5 46.3 86.3

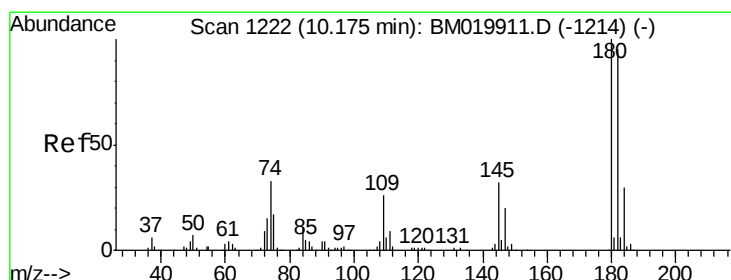
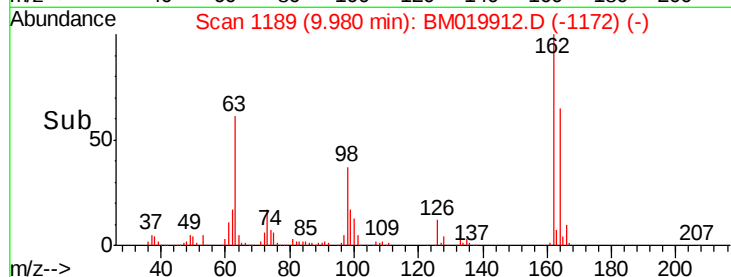
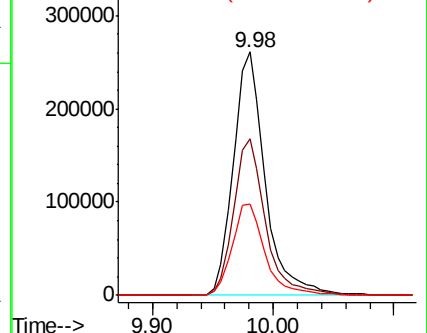
98 37.5 19.2 59.2



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): B



#30

1,2,4-Trichlorobenzene

Concen: 49.673 ng

RT: 10.17 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

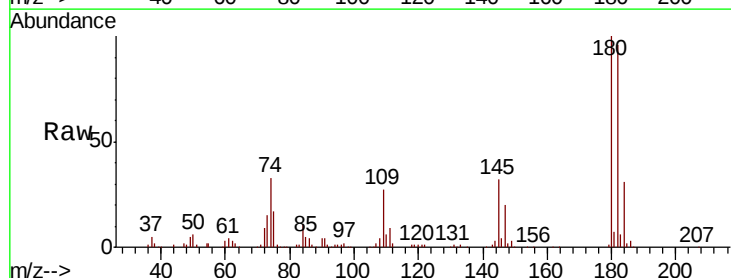
Tgt Ion:180 Resp: 502426

Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

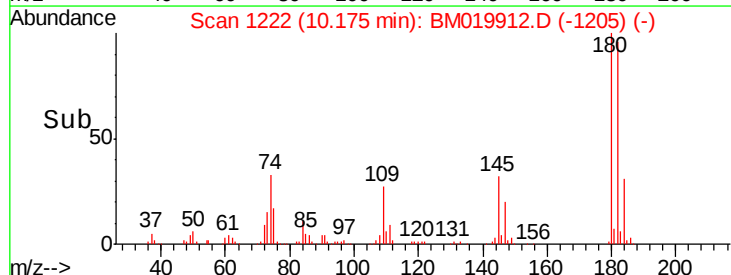
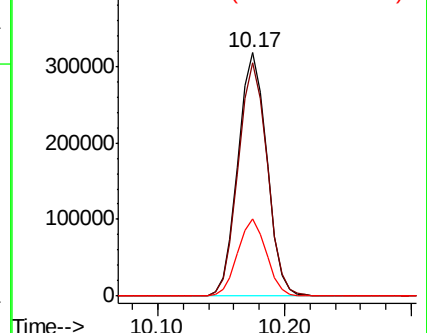
145 31.7 25.5 38.3

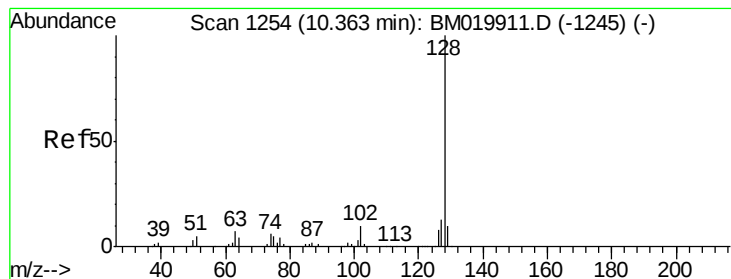


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.527 ng

RT: 10.36 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

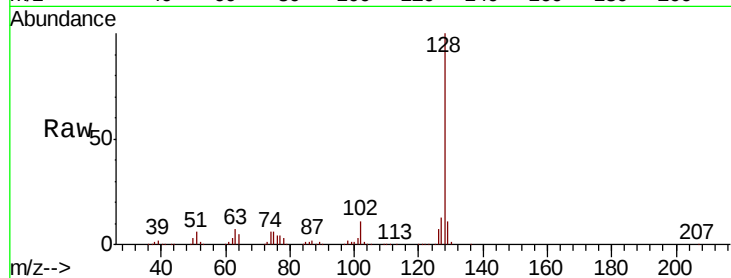
Tot Ion:128 Resp: 1590901

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

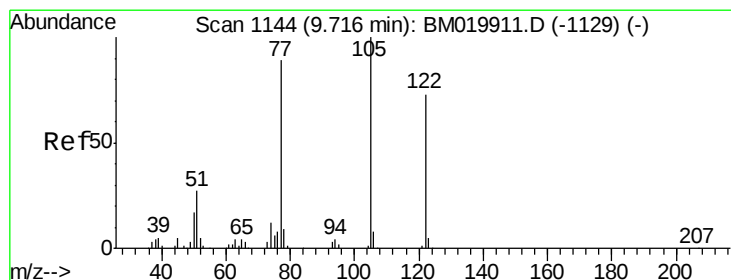
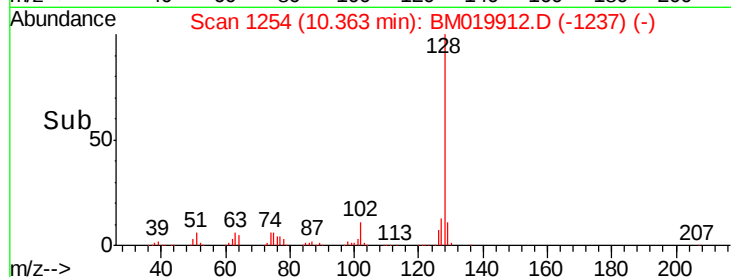
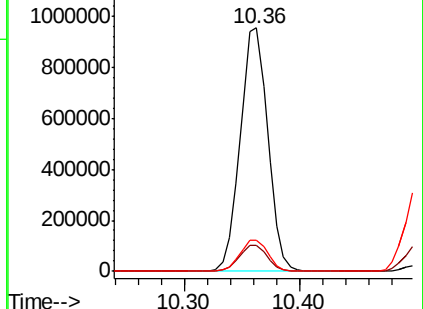
127 13.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.175 ng

RT: 9.73 min Scan# 1147

Delta R.T. 0.02 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

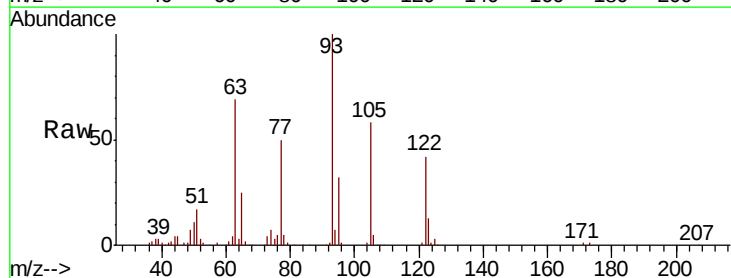
Tgt Ion:122 Resp: 344170

Ion Ratio Lower Upper

122 100

105 136.4 114.8 154.8

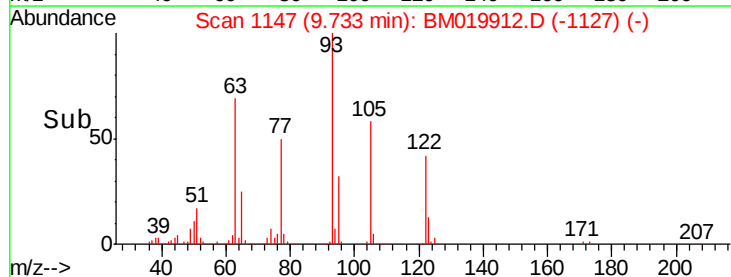
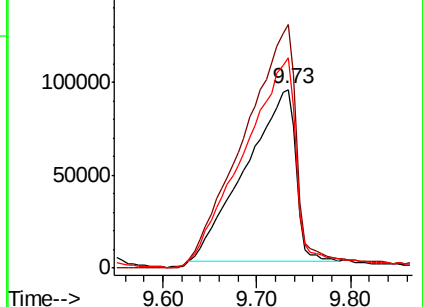
77 117.7 100.2 140.2

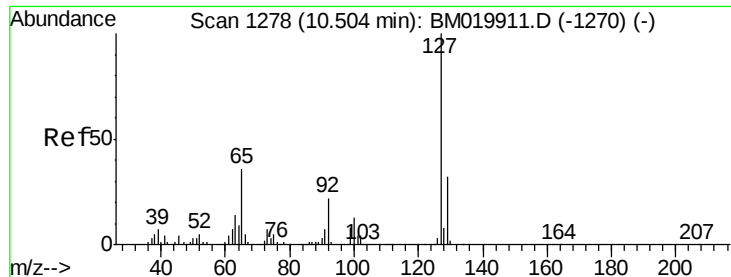


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

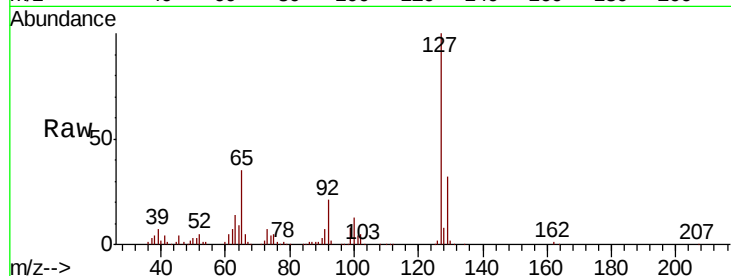




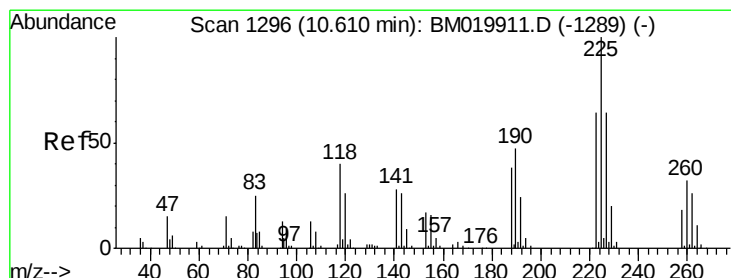
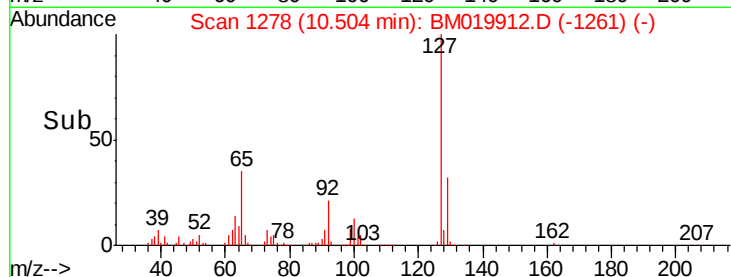
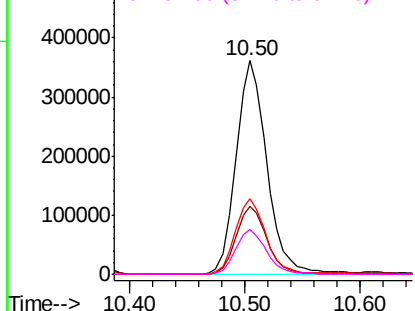
#33
4-Chloroaniline
Concen: 51.625 ng
RT: 10.50 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	666319
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.4	38.0
65	35.4	29.2	43.8
92	20.8	17.5	26.3

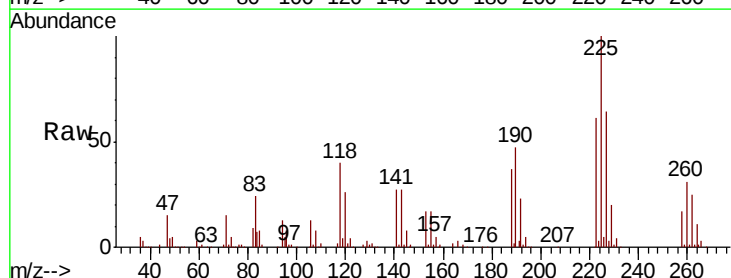


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

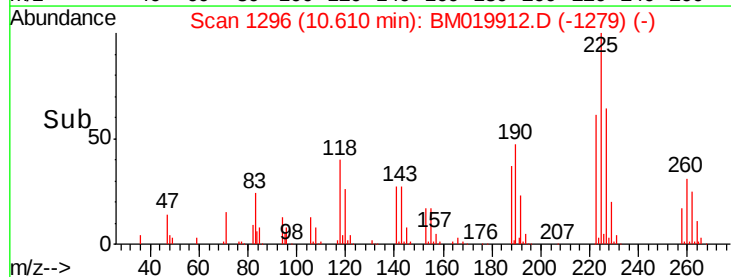
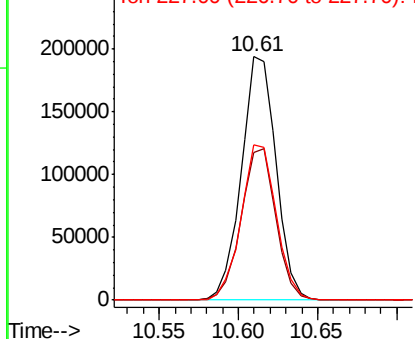


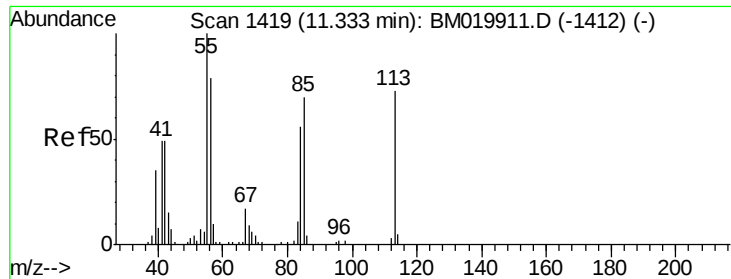
#34
Hexachlorobutadiene
Concen: 50.835 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Tgt Ion:	225	Resp:	295067
Ion	Ratio	Lower	Upper
225	100		
223	60.8	51.4	77.2
227	63.9	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: 50.060 ng

RT: 11.35 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampled :

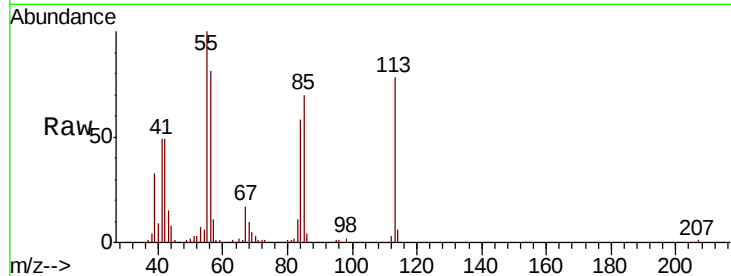
Tot Ion:113 Resp: 159960

Ion Ratio Lower Upper

113 100

55 128.9 117.1 157.1

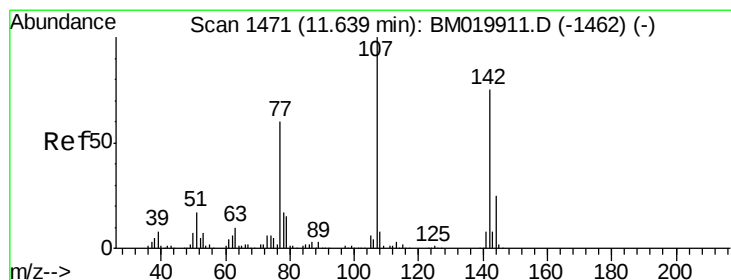
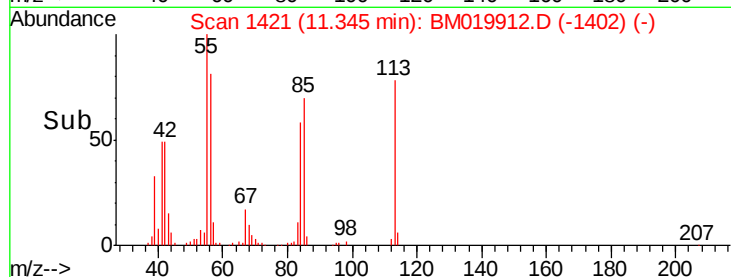
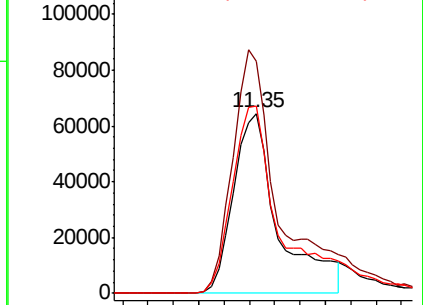
56 104.3 88.2 128.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 53.308 ng

RT: 11.64 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

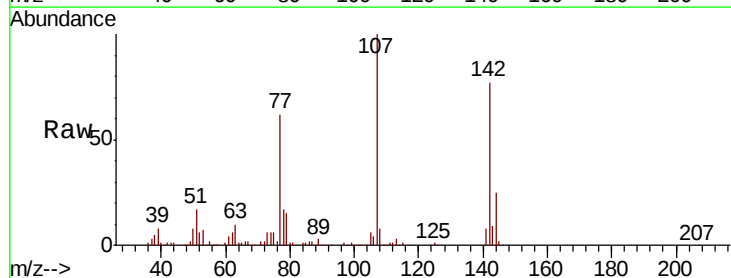
Tgt Ion:107 Resp: 590020

Ion Ratio Lower Upper

107 100

144 24.9 19.8 29.8

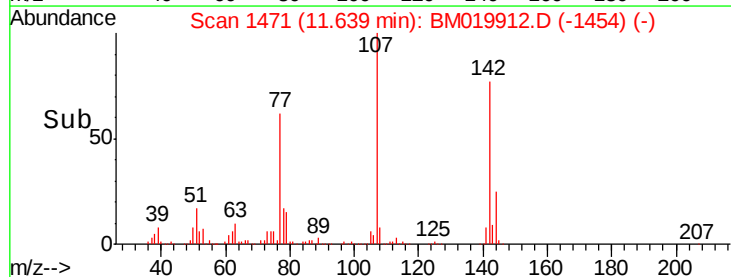
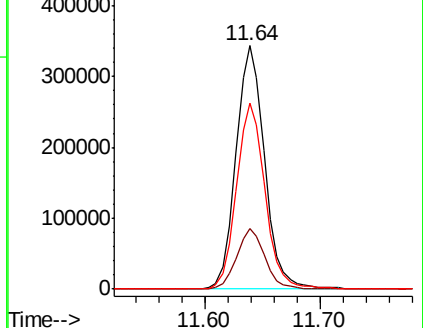
142 76.6 60.3 90.5

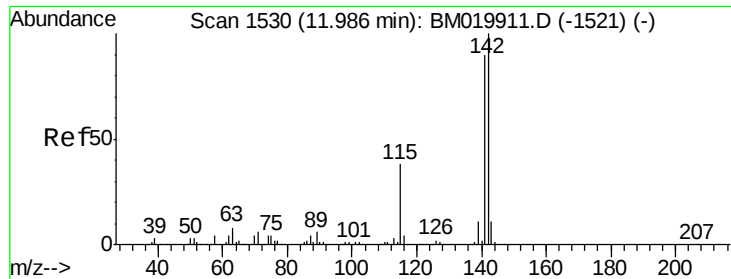


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

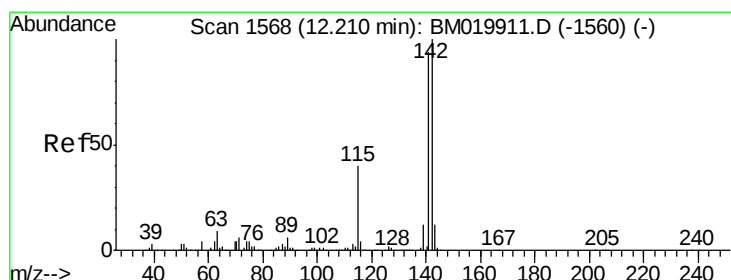
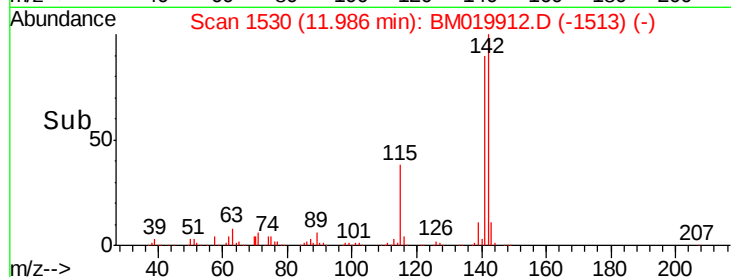
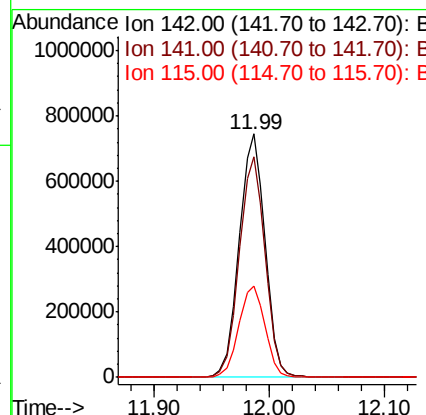
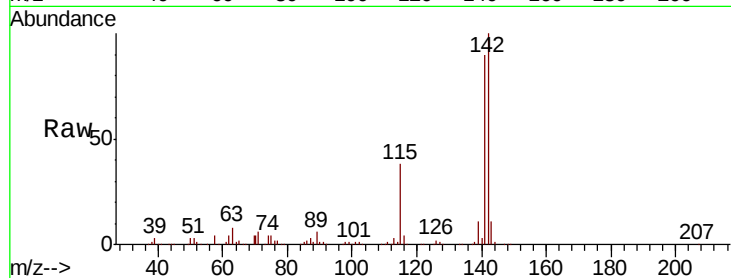




#37
 2-Methylnaphthalene
 Concen: 50.404 ng
 RT: 11.99 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

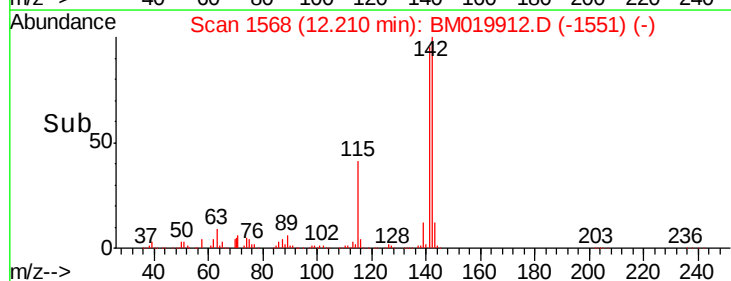
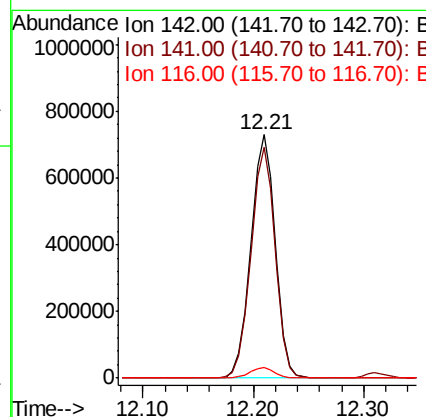
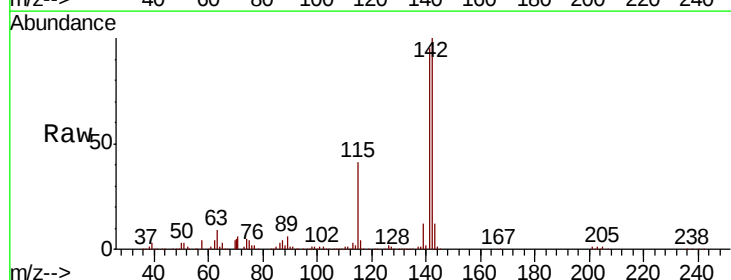
Instrument :
 BNA_M
 ClientSampleId :

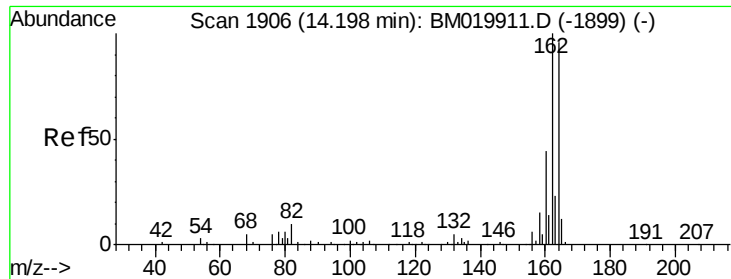
Tot Ion:142 Resp: 1153261
 Ion Ratio Lower Upper
 142 100
 141 90.4 72.3 108.5
 115 37.7 30.5 45.7



#38
 1-Methylnaphthalene
 Concen: 50.099 ng
 RT: 12.21 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

Tgt Ion:142 Resp: 1129851
 Ion Ratio Lower Upper
 142 100
 141 95.0 75.7 113.5
 116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

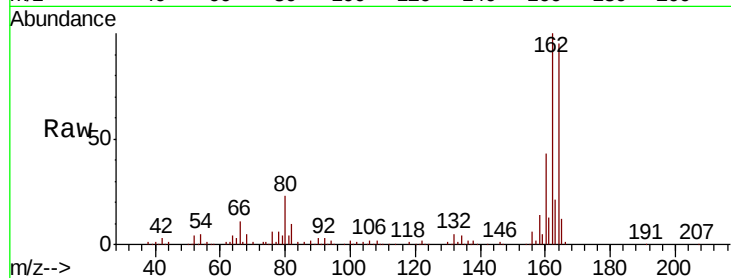
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 359270

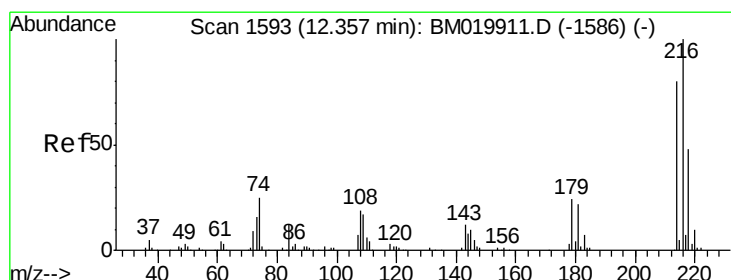
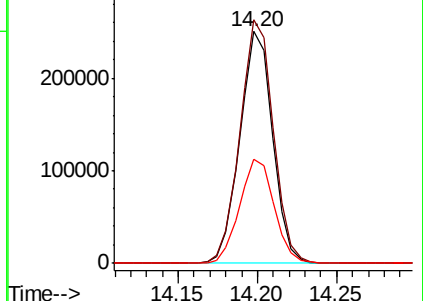
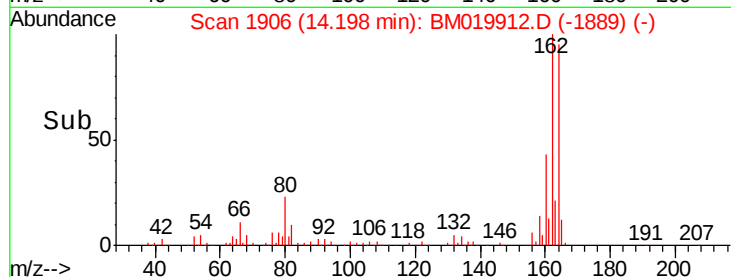
Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.4
160	45.0	36.6	55.0



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: 49.015 ng

RT: 12.36 min Scan# 1593

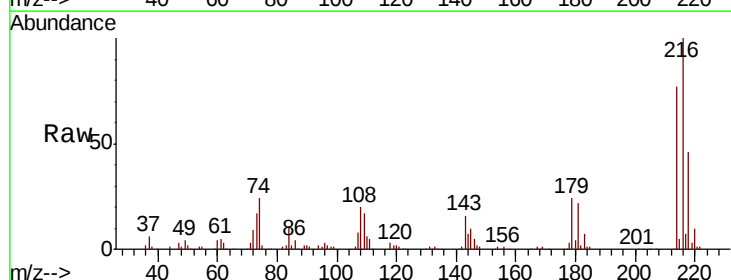
Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Tgt Ion:216 Resp: 557036

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.1	94.7
179	23.3	19.0	28.6
108	19.6	16.3	24.5

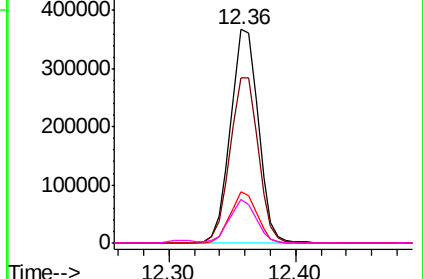
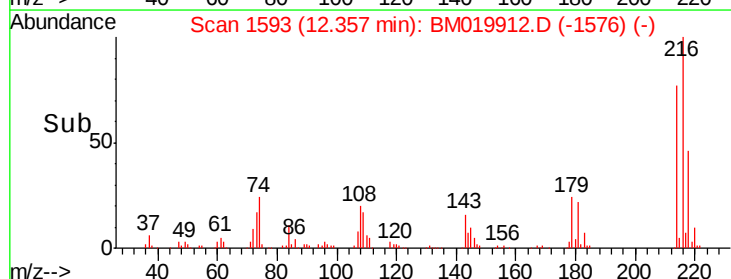


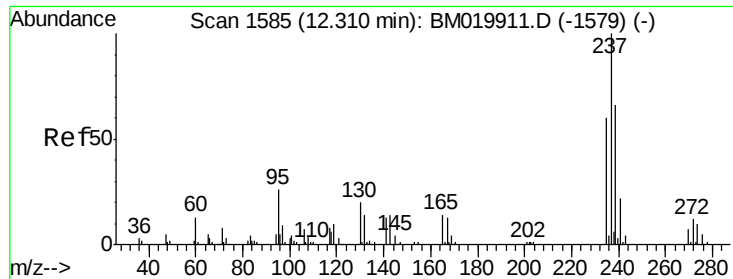
Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.947 ng

RT: 12.31 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

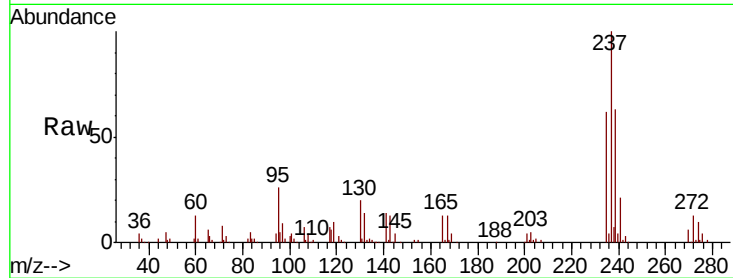
Tot Ion:237 Resp: 164454

Ion Ratio Lower Upper

237 100

235 61.7 40.4 80.4

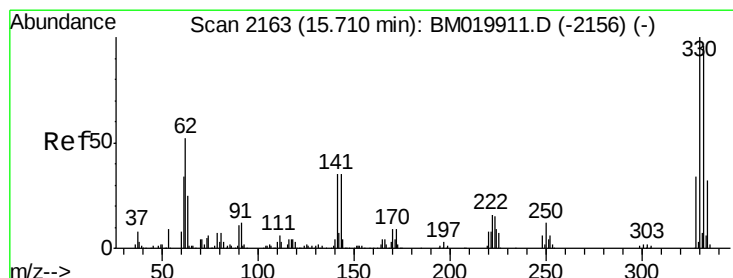
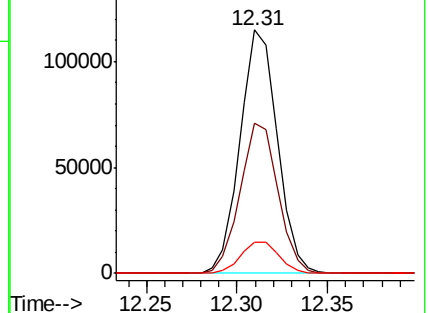
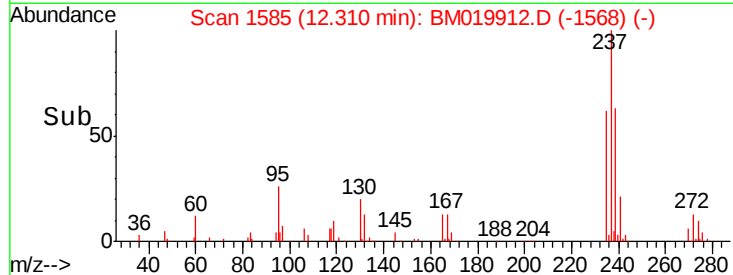
272 12.6 0.0 32.3



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: 109.695 ng

RT: 15.72 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

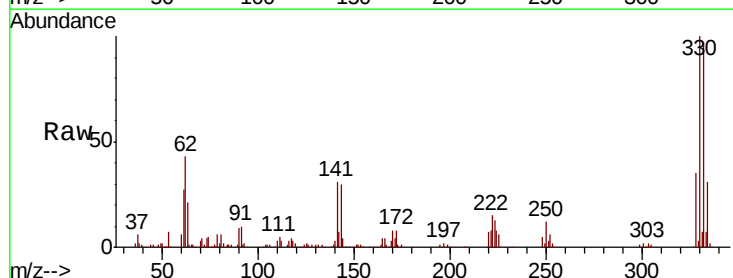
Tgt Ion:330 Resp: 581876

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

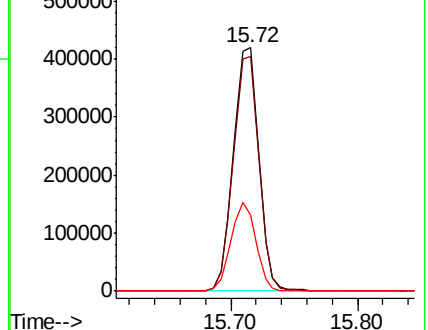
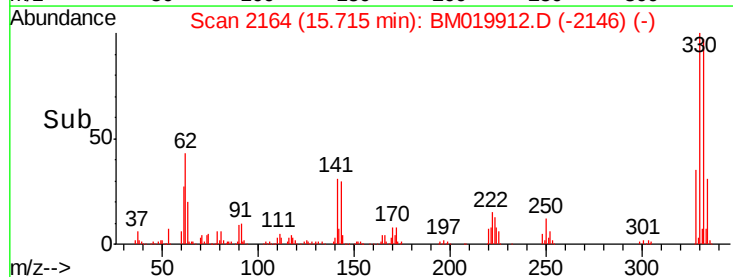
141 35.9 29.0 43.4



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

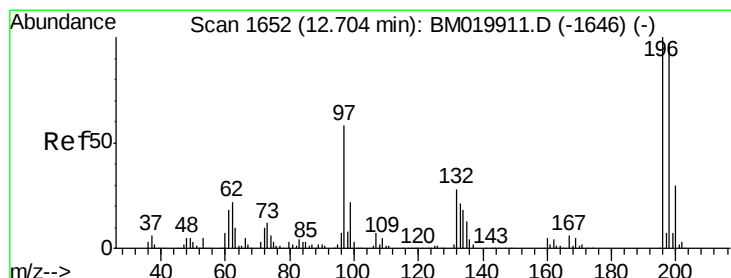
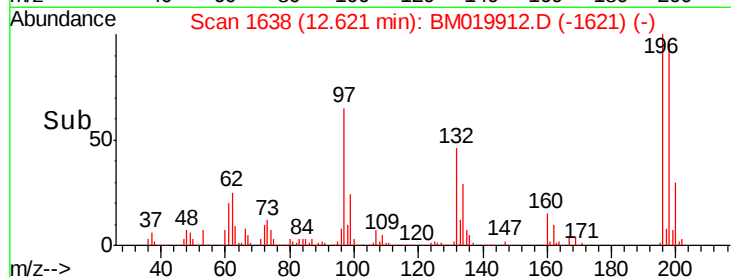
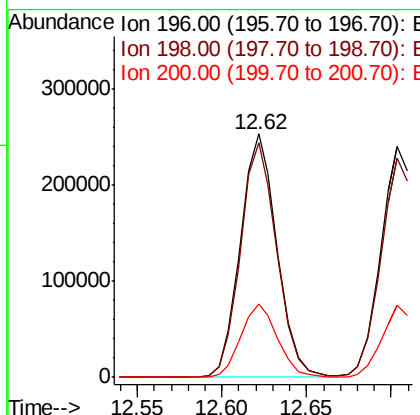
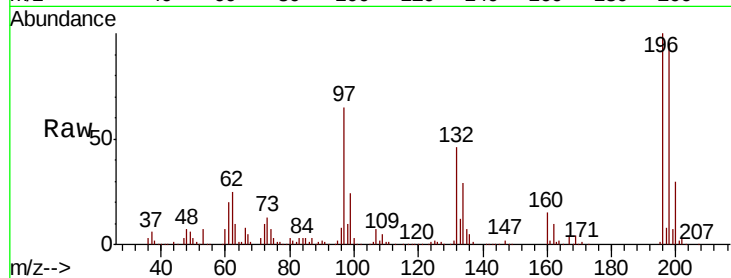




#43
 2,4,6-Trichlorophenol
 Concen: 51.952 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

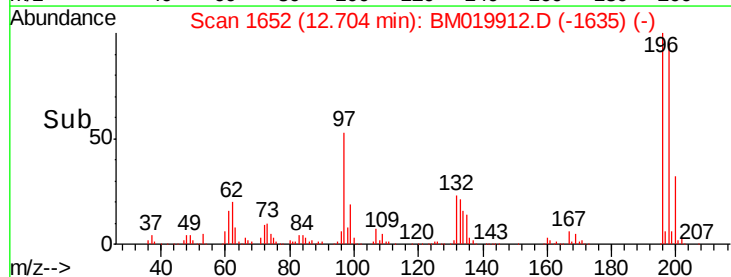
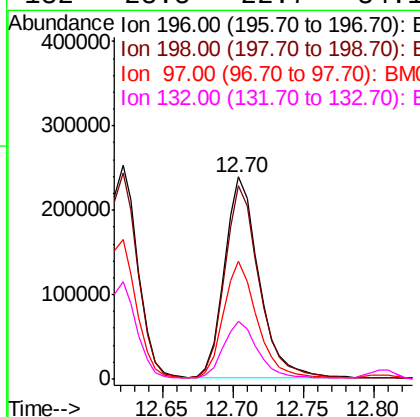
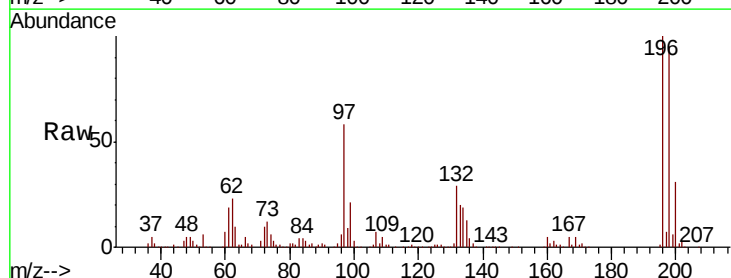
Instrument :
 BNA_M
 ClientSampleId :

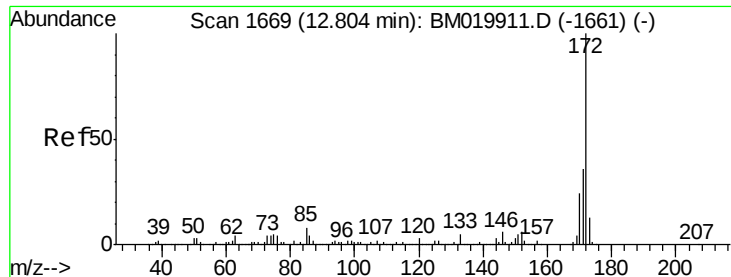
Tot Ion:196 Resp: 381553
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.8 115.2
 200 30.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 51.008 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

Tgt Ion:196 Resp: 400588
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.8 116.8
 97 58.1 46.2 69.2
 132 28.5 22.7 34.1



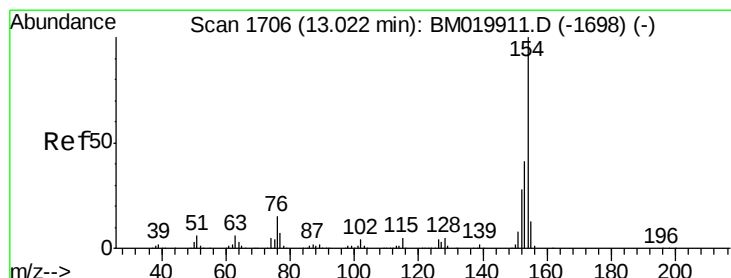
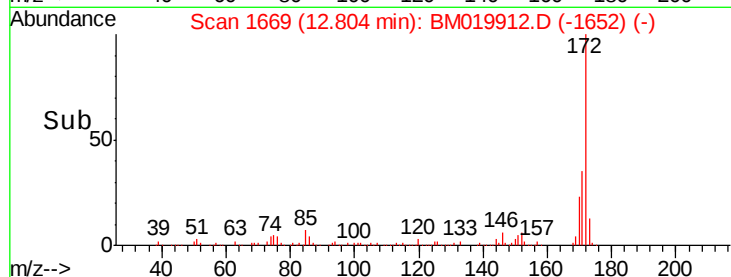
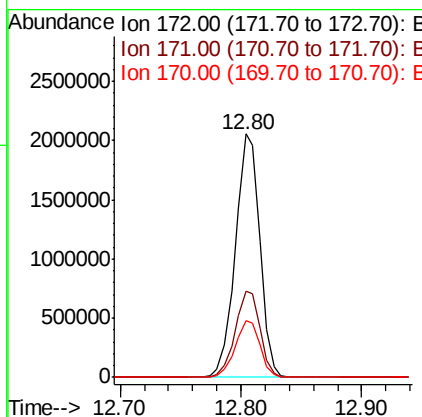
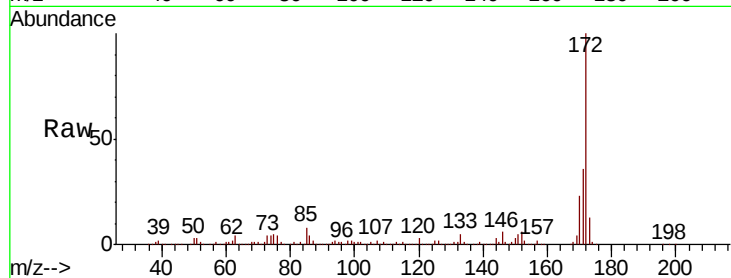


#45
 2-Fluorobiphenyl
 Concen: 105.063 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 2901837

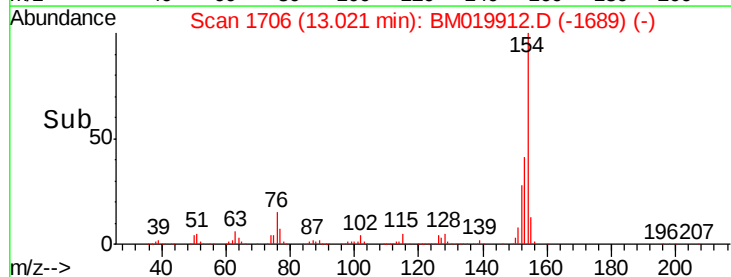
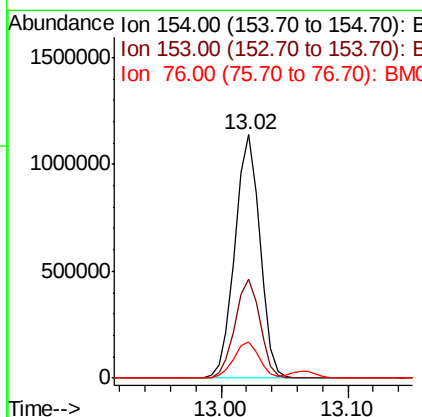
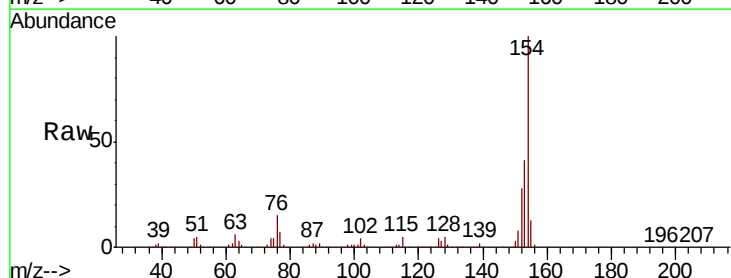
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.4	19.0	28.4

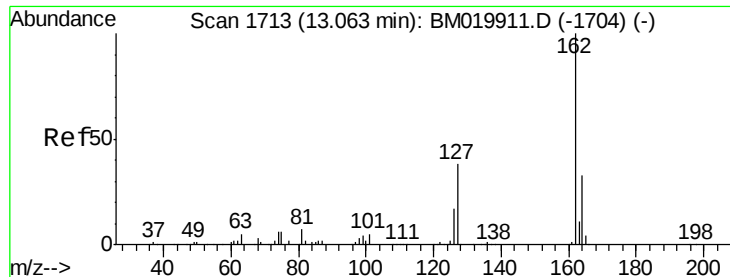


#46
 1,1'-Biphenyl
 Concen: 49.424 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

Tgt Ion:154 Resp: 1550706

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.0	61.0
76	15.0	0.0	34.8

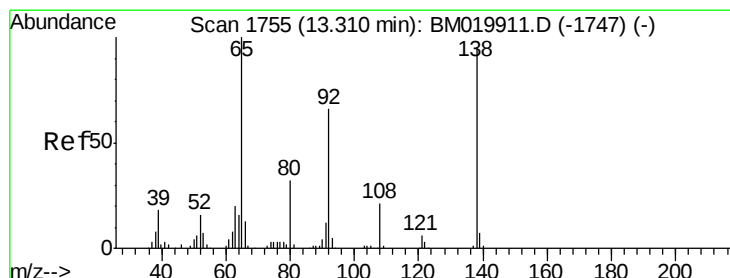
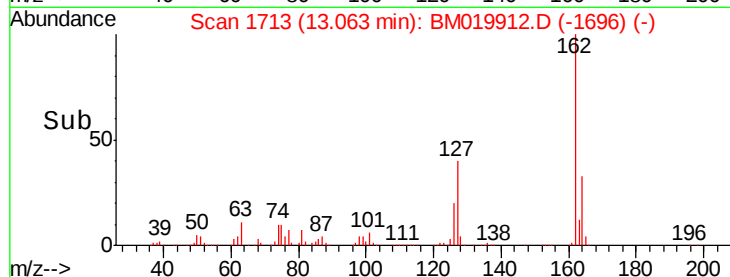
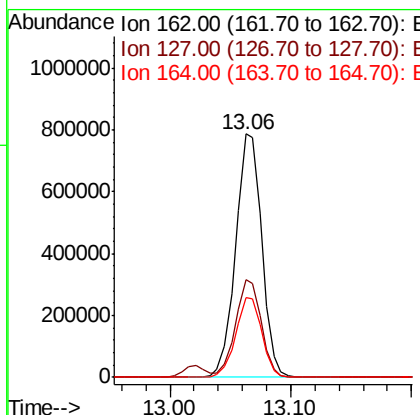
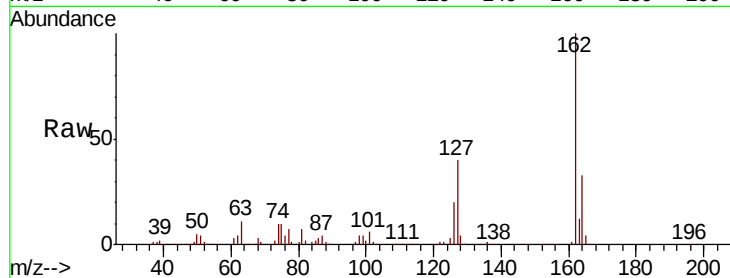




#47
2-Chloronaphthalene
Concen: 50.755 ng
RT: 13.06 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

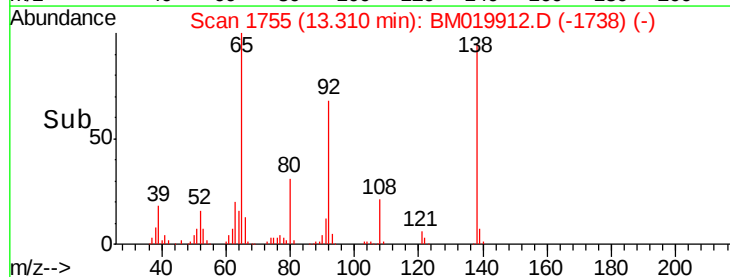
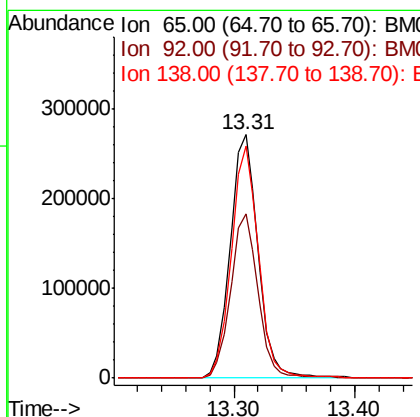
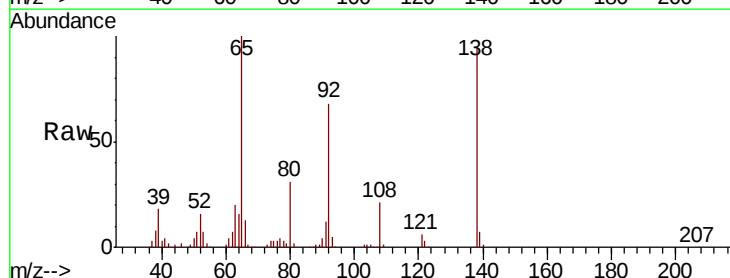
Instrument :
BNA_M
ClientSampleId :

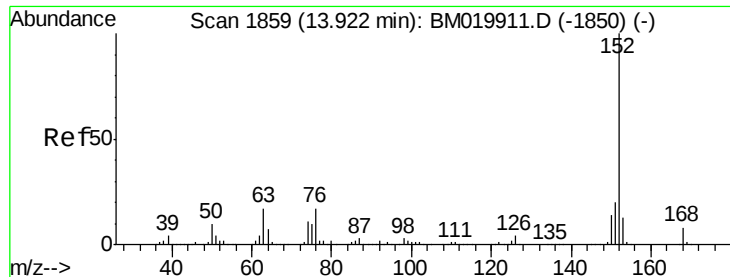
Tot Ion:162 Resp: 1188664
Ion Ratio Lower Upper
162 100
127 40.3 32.3 48.5
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 55.656 ng
RT: 13.31 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Tgt Ion: 65 Resp: 437143
Ion Ratio Lower Upper
65 100
92 67.5 52.9 79.3
138 95.4 75.8 113.6





#49

Acenaphthylene

Concen: 52.430 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

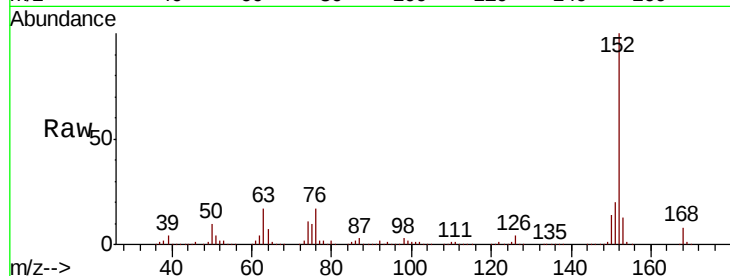
Tot Ion:152 Resp: 2076199

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.0	10.6	16.0

152 100

151 20.1 16.2 24.2

153 13.0 10.6 16.0

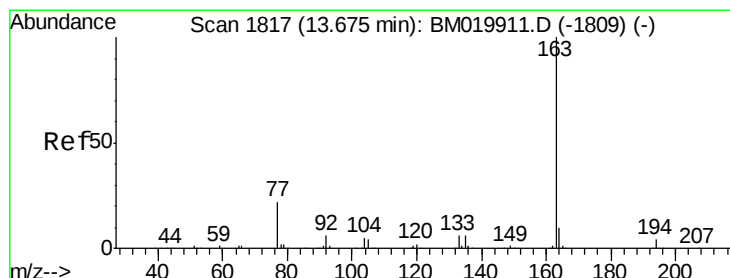
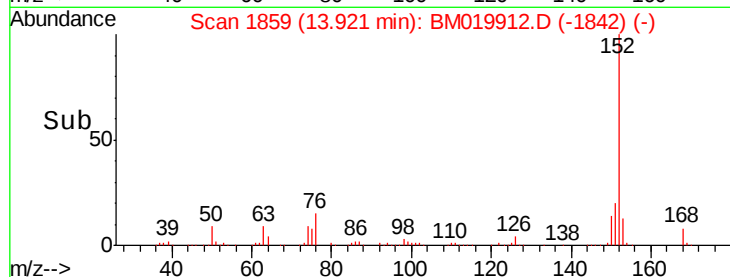
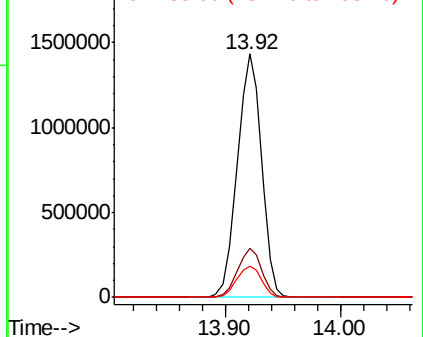


Abundance

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: 51.537 ng

RT: 13.67 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

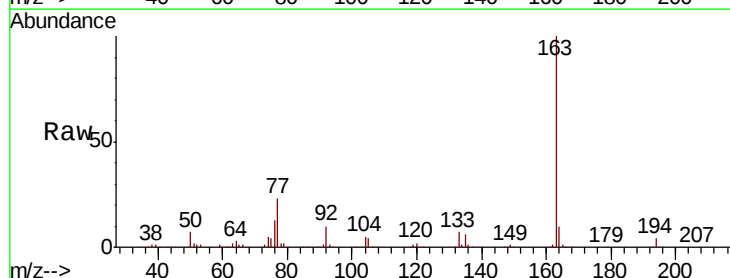
Tgt Ion:163 Resp: 1583918

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.0	7.9	11.9

163 100

194 4.0 3.1 4.7

164 10.0 7.9 11.9

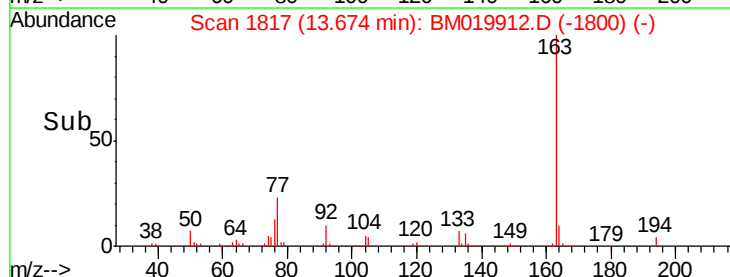
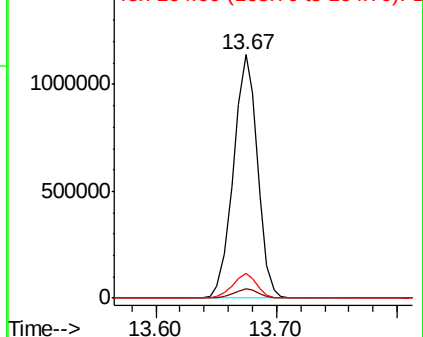


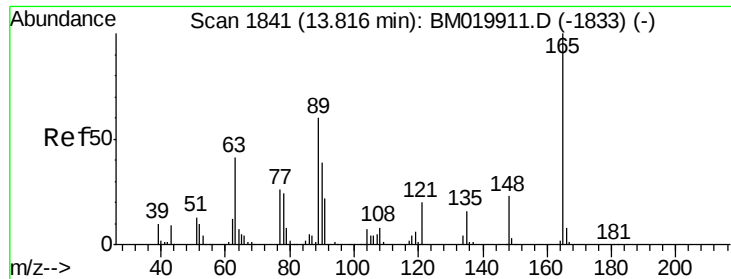
Abundance

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

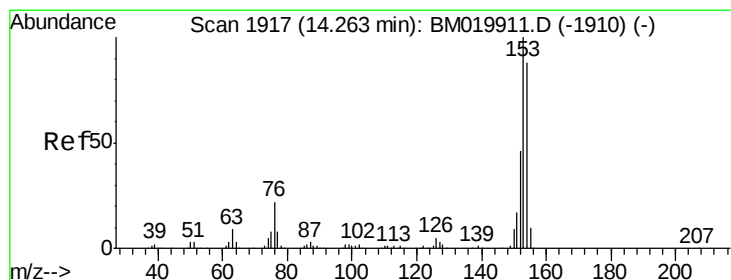
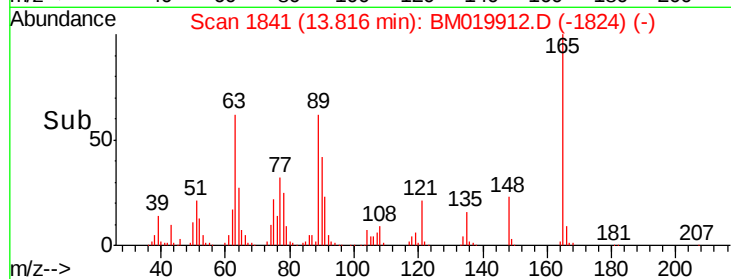
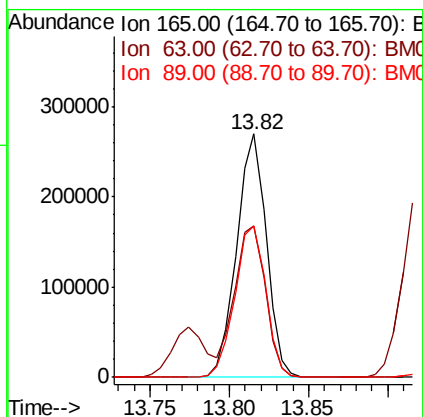
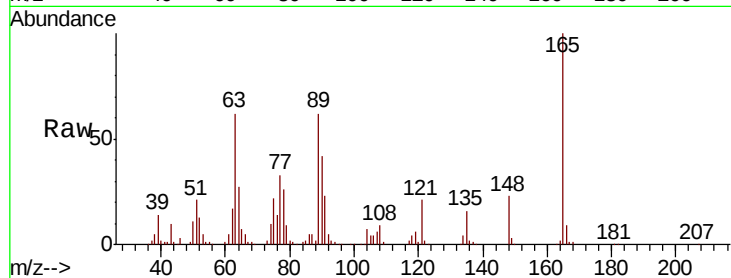




#51
 2,6-Dinitrotoluene
 Concen: 52.844 ng
 RT: 13.82 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

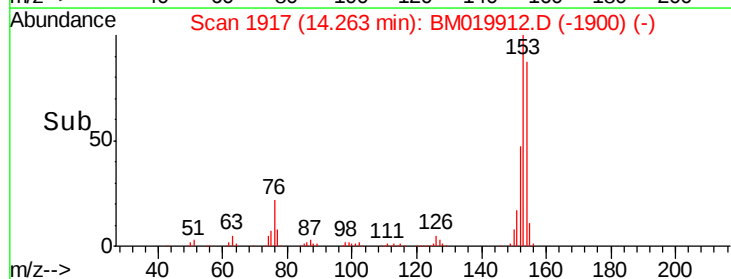
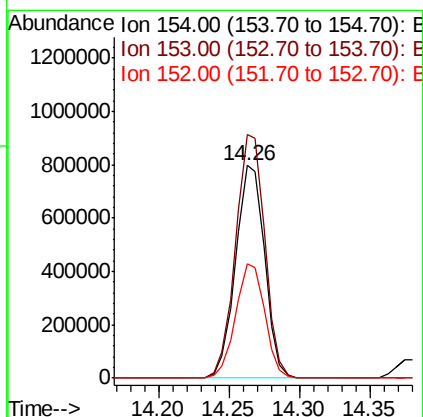
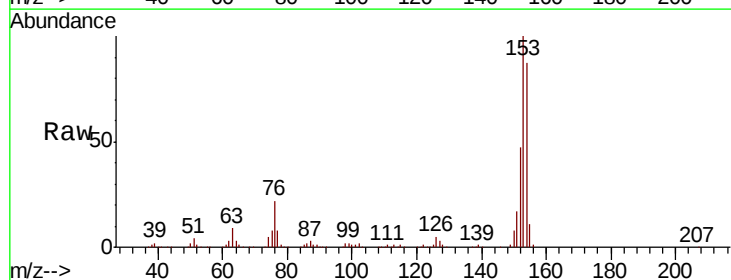
Instrument :
 BNA_M
 ClientSampleId :

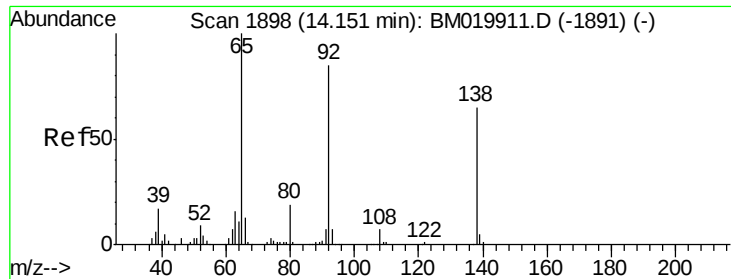
Tot Ion:165 Resp: 351084
 Ion Ratio Lower Upper
 165 100
 63 62.2 48.5 72.7
 89 62.3 48.2 72.4



#52
 Acenaphthene
 Concen: 50.240 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

Tgt Ion:154 Resp: 1143156
 Ion Ratio Lower Upper
 154 100
 153 114.7 91.0 136.4
 152 53.8 42.2 63.2

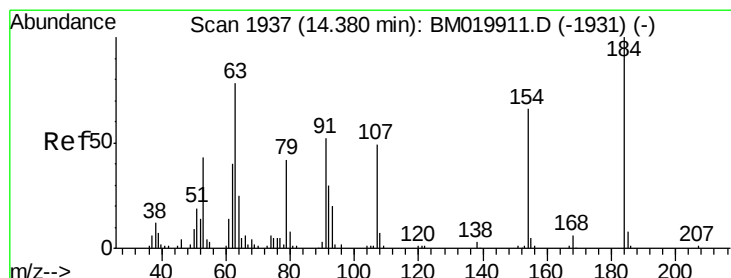
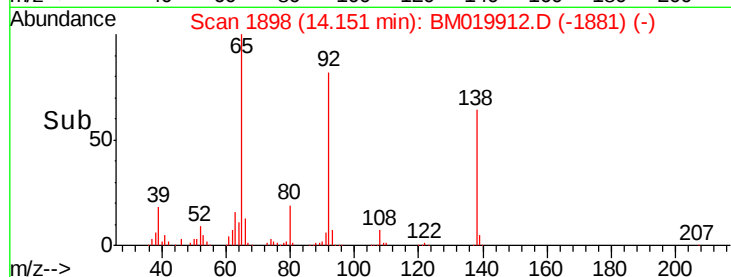
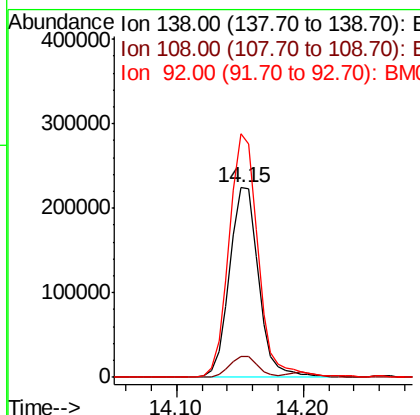
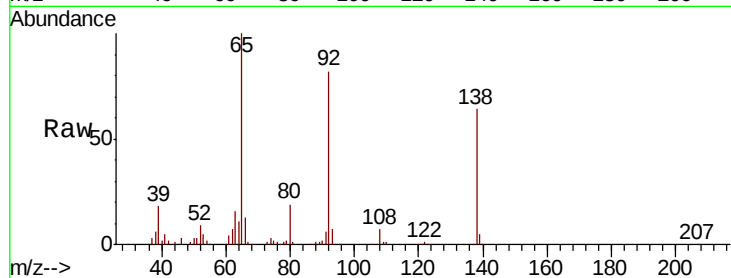




#53
3-Nitroaniline
Concen: 50.777 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

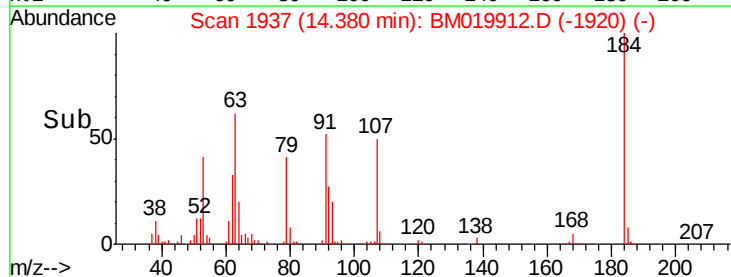
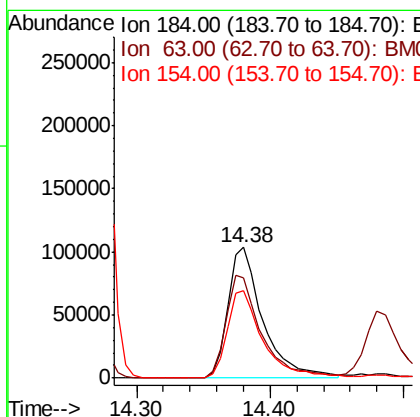
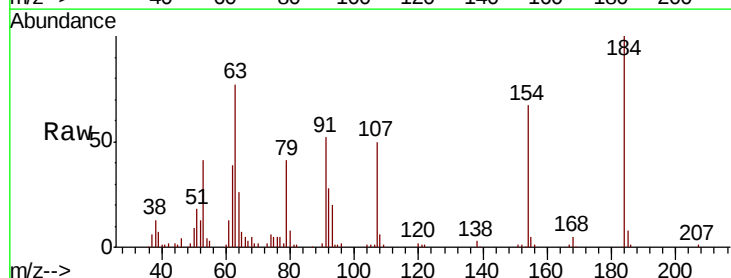
Instrument :
BNA_M
ClientSampleId :

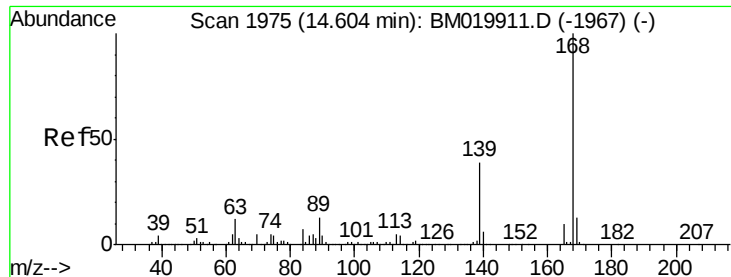
Tot Ion:138 Resp: 357294
Ion Ratio Lower Upper
138 100
108 10.7 8.9 13.3
92 128.3 103.8 155.8



#54
2,4-Dinitrophenol
Concen: 49.250 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Tgt Ion:184 Resp: 190024
Ion Ratio Lower Upper
184 100
63 77.1 62.3 93.5
154 67.1 53.0 79.6

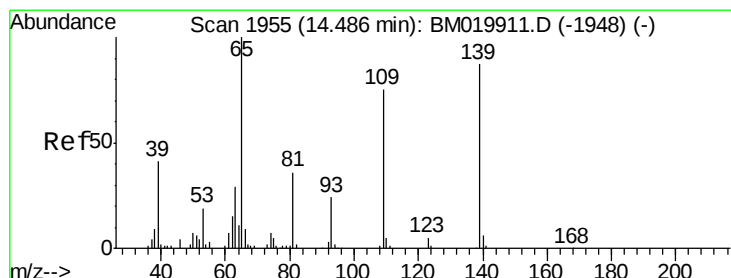
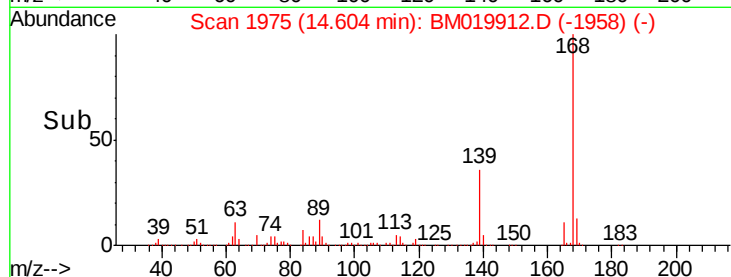
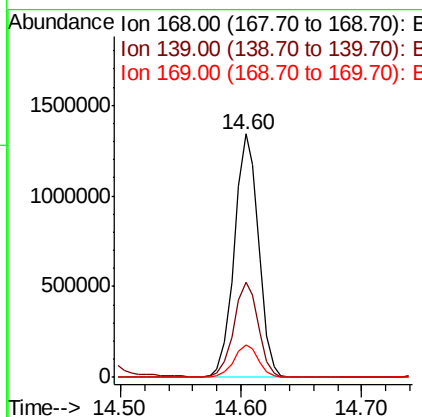
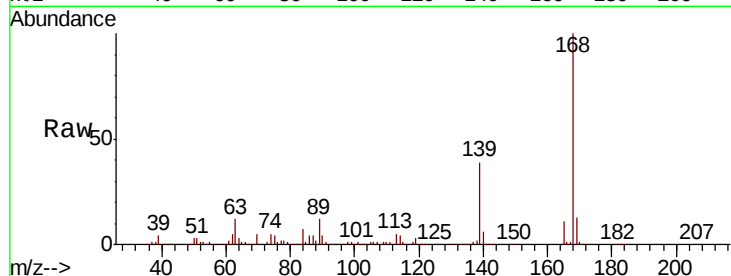




#55
Dibenzenofuran
Concen: 51.046 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

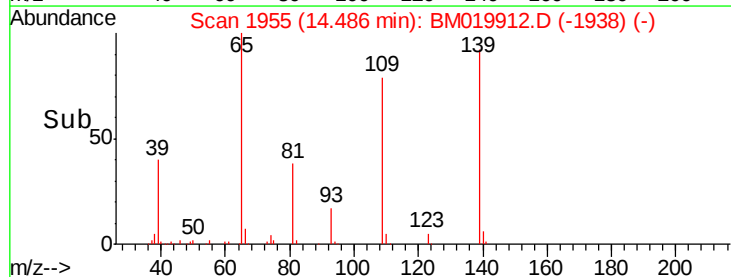
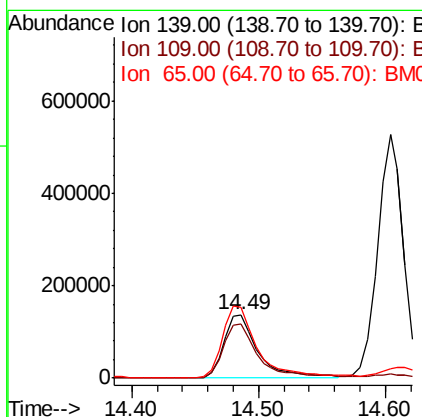
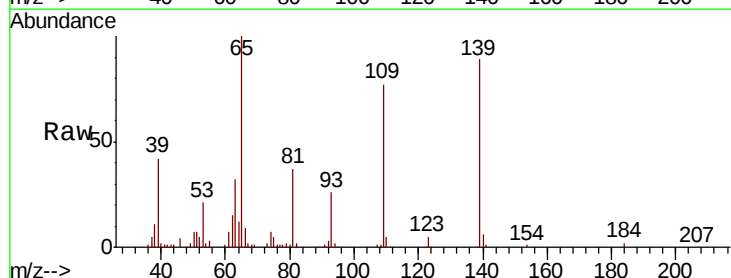
Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 1873161
Ion Ratio Lower Upper
168 100
139 39.3 31.5 47.3
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 45.239 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Tgt Ion:139 Resp: 259904
Ion Ratio Lower Upper
139 100
109 85.8 65.3 105.3
65 112.1 94.9 134.9

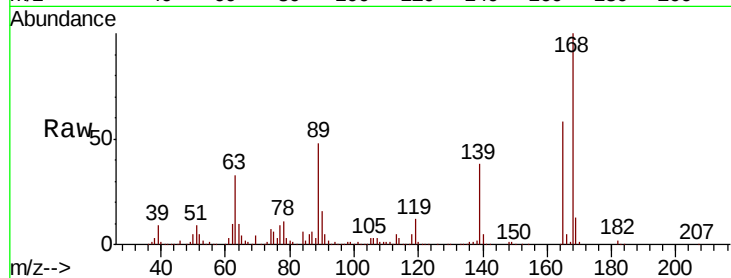




#57
2,4-Dinitrotoluene
Concen: 53.144 ng
RT: 14.62 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.3	46.0	69.0
89	82.5	67.5	101.3
182	2.9	2.4	3.6



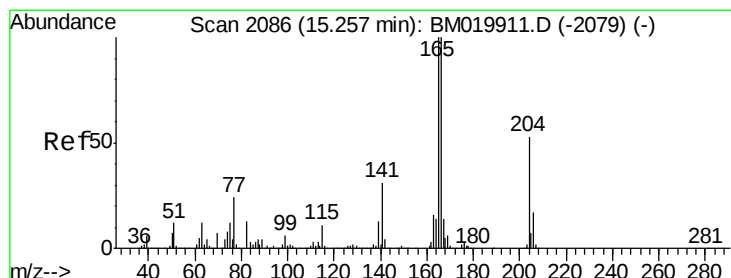
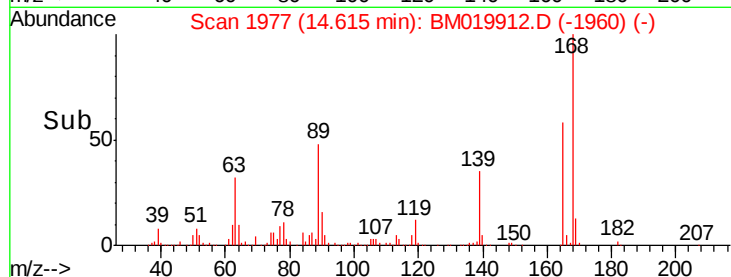
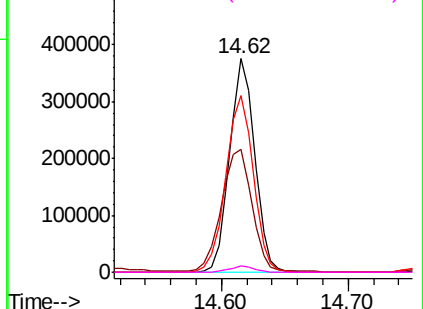
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

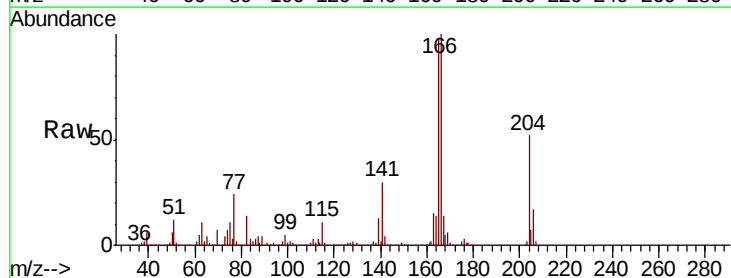
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 52.289 ng
RT: 15.26 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.1	120.1
167	13.6	11.0	16.4

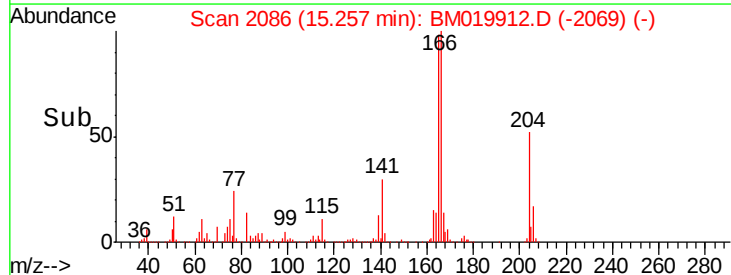
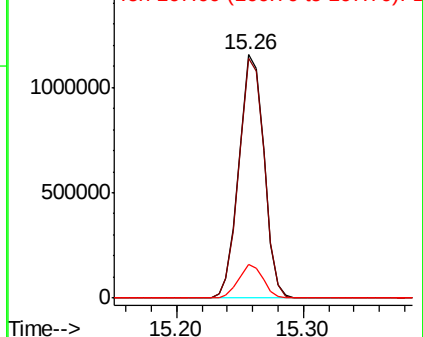


Abundance

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

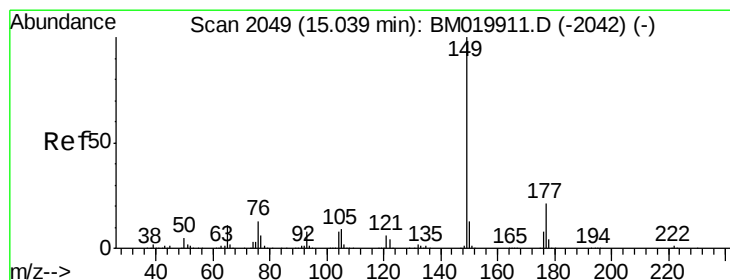
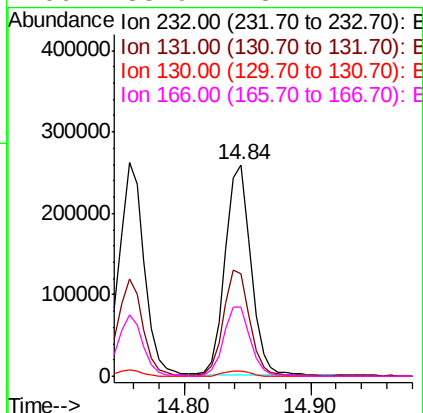
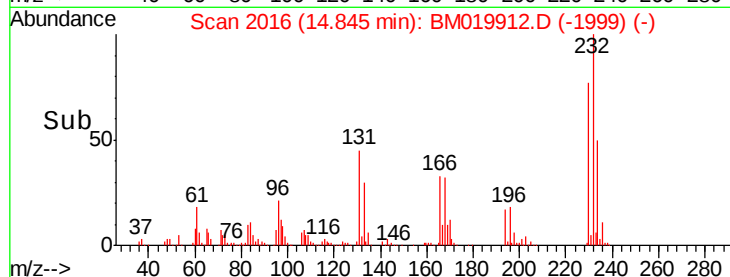
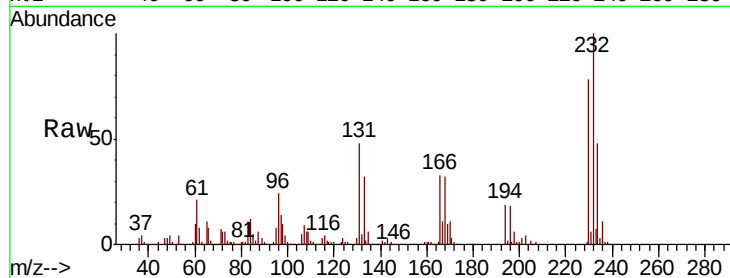




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.633 ng
 RT: 14.84 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

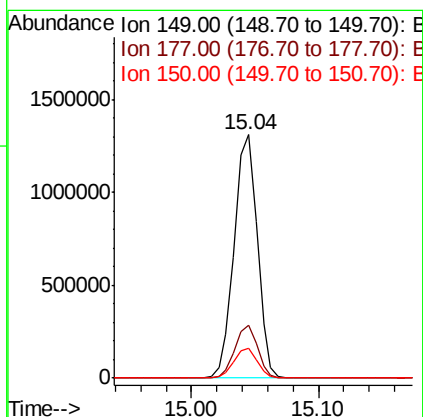
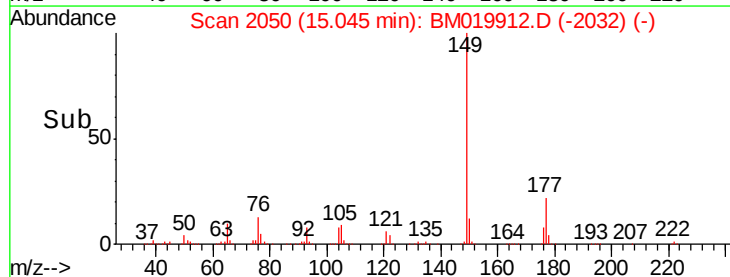
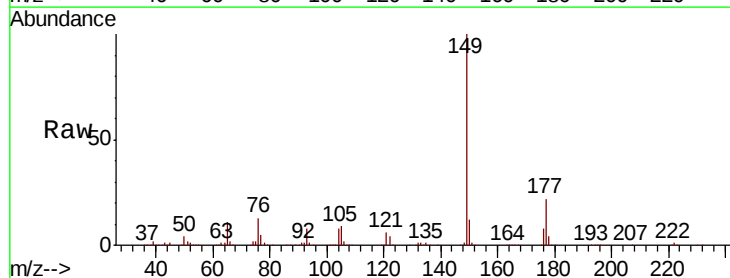
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232	Resp:	362877
Ion	Ratio	Lower Upper
232	100	
131	51.6	42.1 63.1
130	2.8	2.2 3.4
166	33.9	28.1 42.1



#60
 Diethylphthalate
 Concen: 52.966 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

Tgt Ion:149	Resp:	1648667
Ion	Ratio	Lower Upper
149	100	
177	21.6	16.6 25.0
150	12.2	10.0 15.0





#61

4-Chlorophenyl-phenylether

Concen: 51.997 ng

RT: 15.26 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

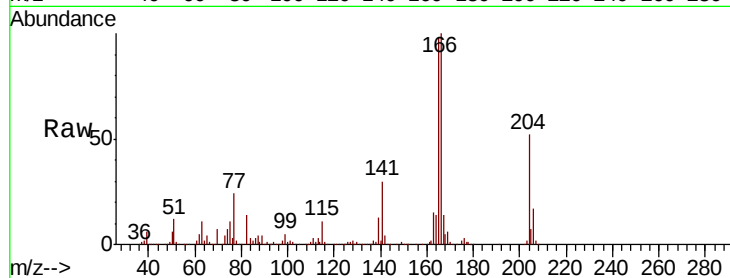
Tot Ion:204 Resp: 763866

Ion Ratio Lower Upper

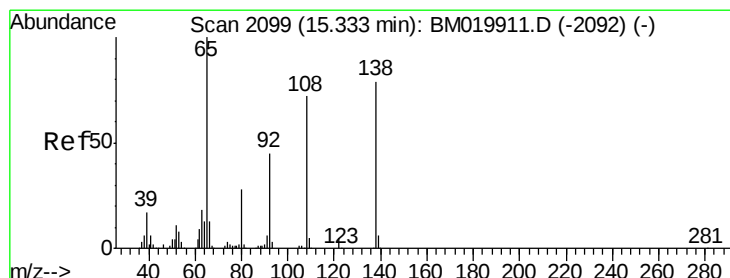
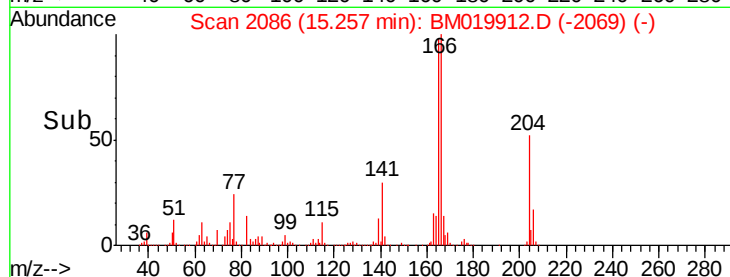
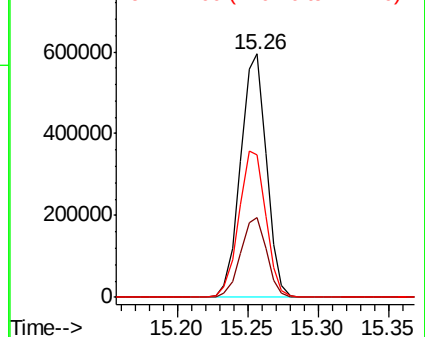
204 100

206 32.6 25.8 38.8

141 58.3 47.0 70.4



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



#62

4-Nitroaniline

Concen: 50.697 ng

RT: 15.33 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

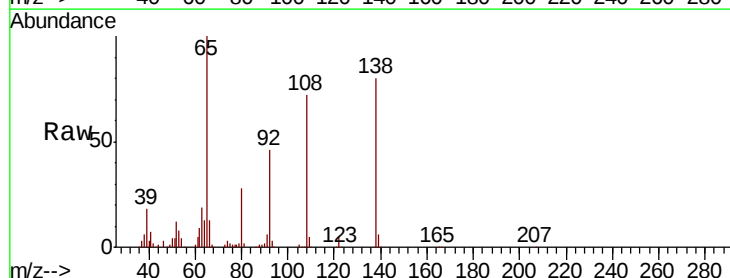
Tgt Ion:138 Resp: 359512

Ion Ratio Lower Upper

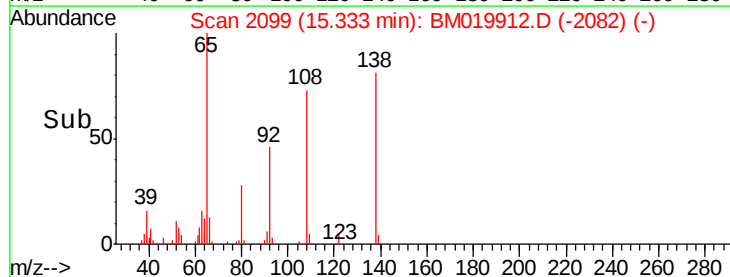
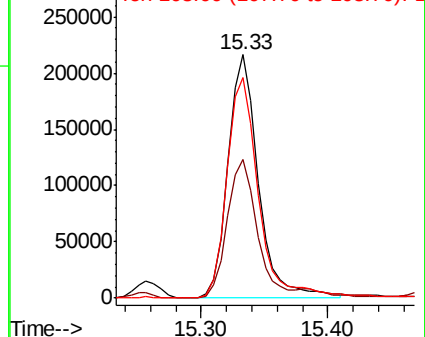
138 100

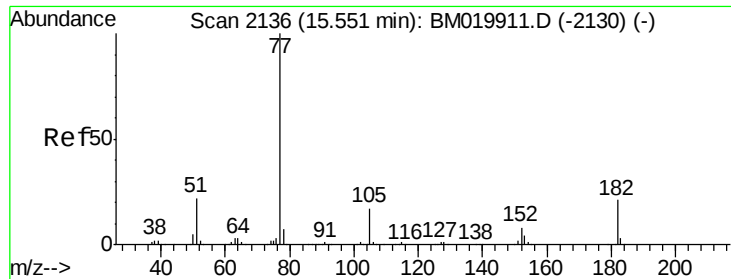
92 57.0 36.8 76.8

108 90.4 71.5 111.5



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

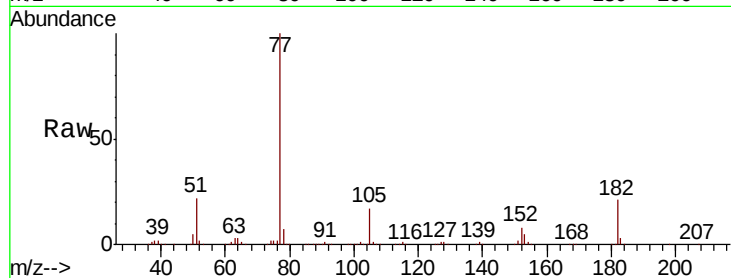




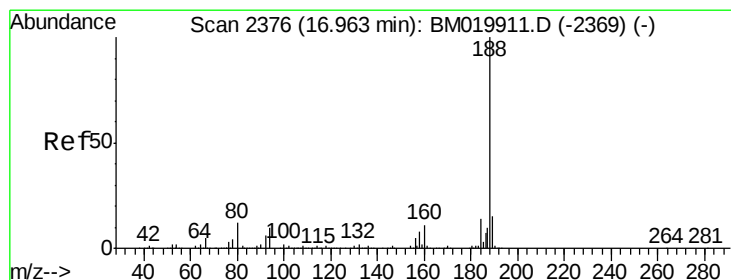
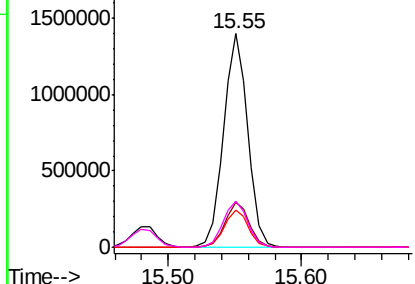
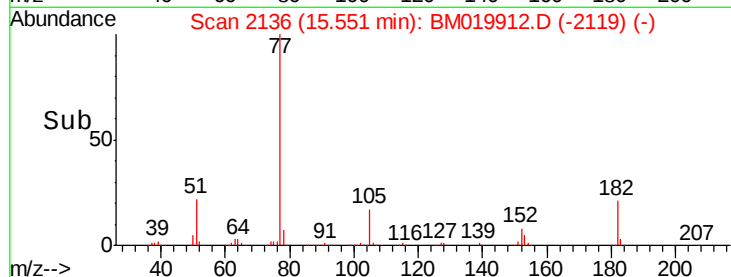
#63
Azobenzene
Concen: 53.961 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1767440
Ion Ratio Lower Upper
77 100
182 21.0 1.0 41.0
105 17.4 0.0 37.1
51 21.7 2.1 42.1

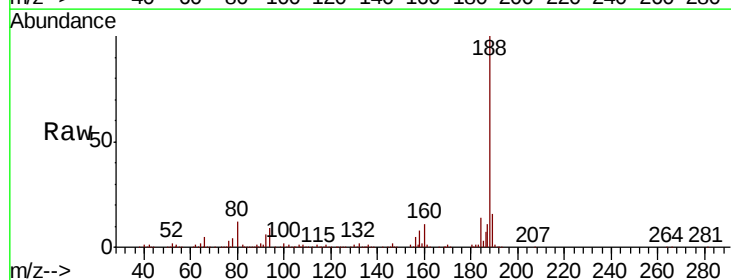


Abundance Ion 77.00 (76.70 to 77.70): BM019912.D (-2130) (-)
Ion 182.00 (181.70 to 182.70): BM019912.D (-2130) (-)
Ion 105.00 (104.70 to 105.70): BM019912.D (-2130) (-)
Ion 51.00 (50.70 to 51.70): BM019912.D (-2130) (-)

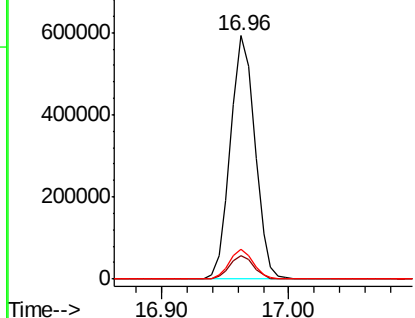
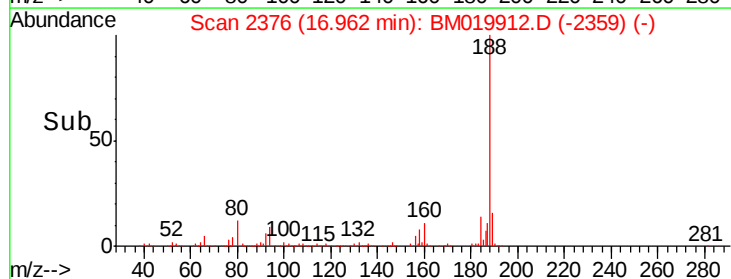


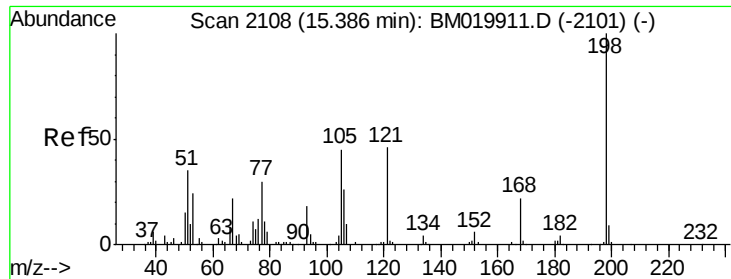
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Tgt Ion: 188 Resp: 795092
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 12.1 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): BM019912.D (-2369) (-)
Ion 94.00 (93.70 to 94.70): BM019912.D (-2369) (-)
Ion 80.00 (79.70 to 80.70): BM019912.D (-2369) (-)

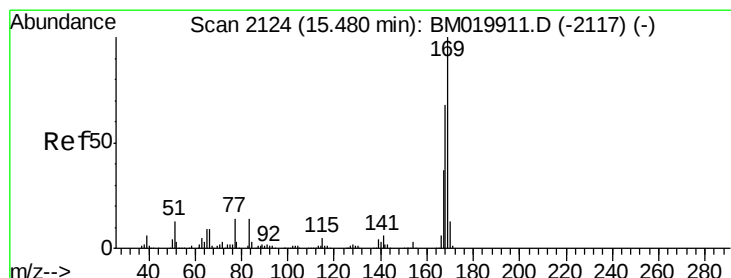
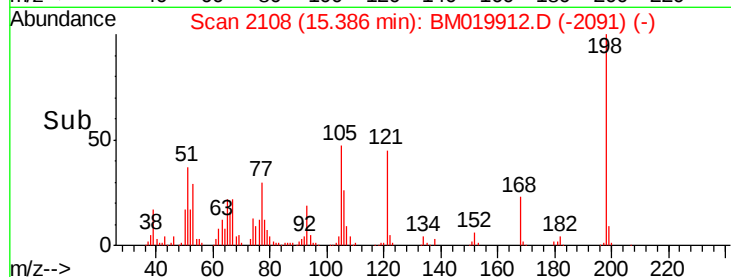
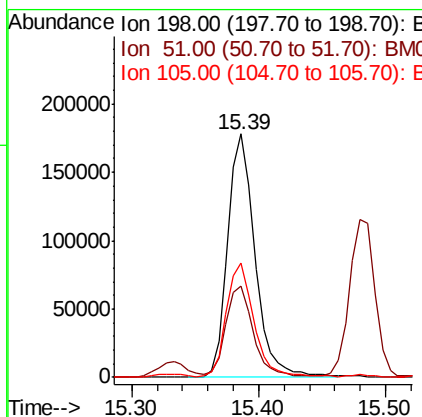
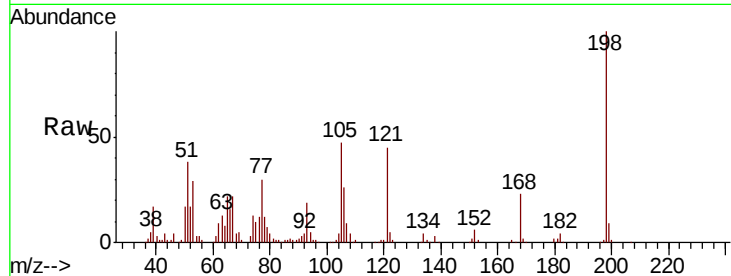




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.017 ng
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

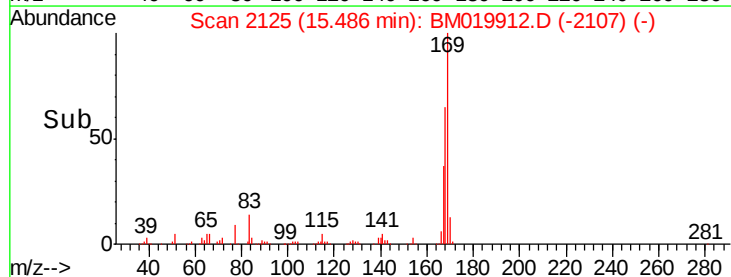
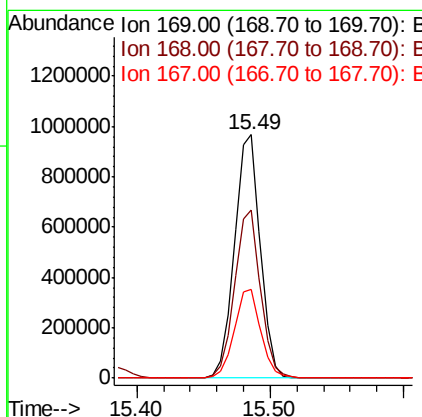
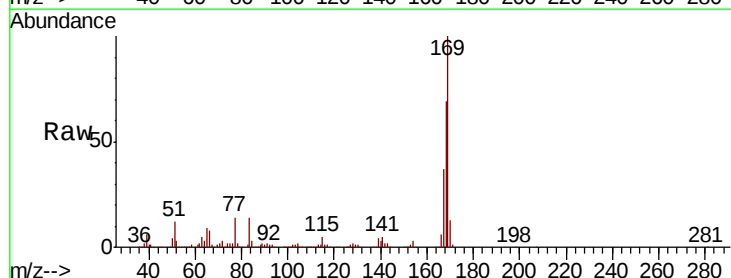
Instrument :
 BNA_M
 ClientSampled :

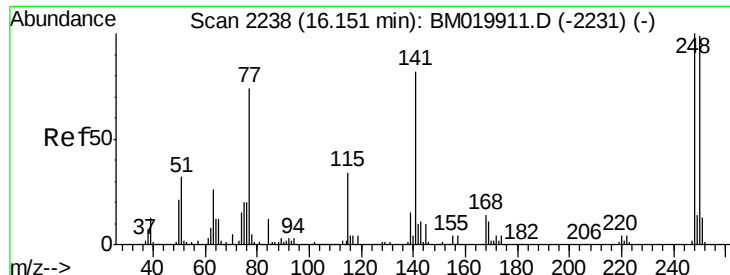
Tot Ion	198	Resp	265808
Ion Ratio	100	Lower	Upper
51	37.7	17.9	57.9
105	47.0	26.1	66.1



#66
 n-Nitrosodiphenylamine
 Concen: 51.239 ng
 RT: 15.49 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

Tgt Ion	169	Resp	1297023
Ion Ratio	100	Lower	Upper
168	68.8	54.7	82.1
167	36.5	29.4	44.0

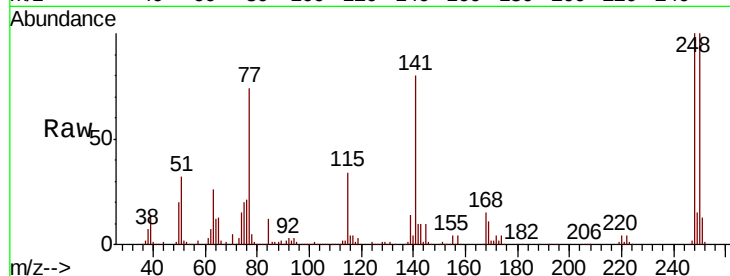




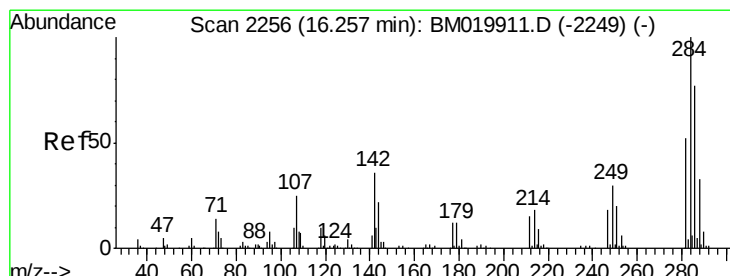
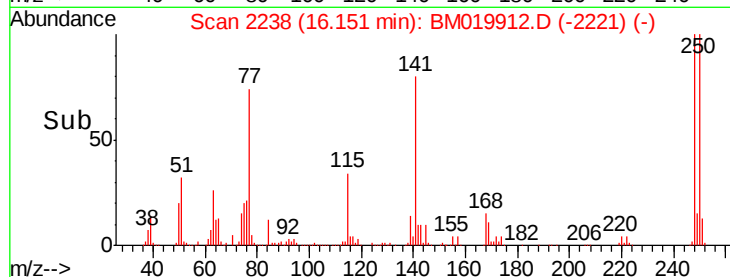
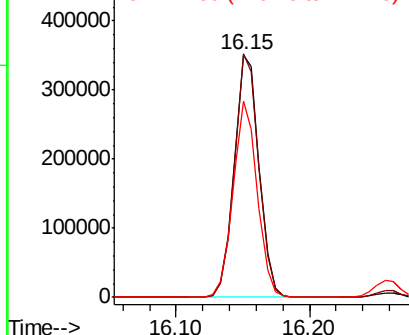
#67
 4-Bromophenyl-phenylether
 Concen: 51.832 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.3	78.9	118.3
141	80.7	65.6	98.4

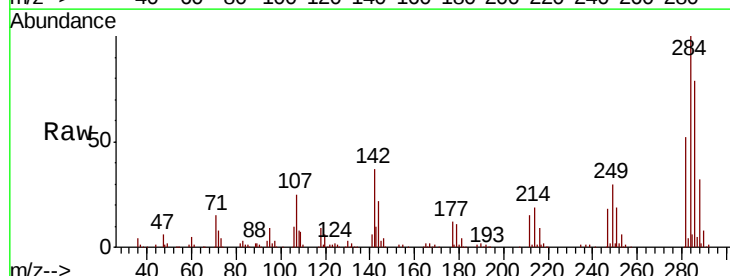


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

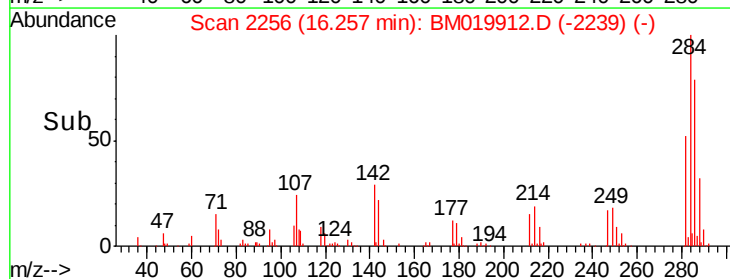
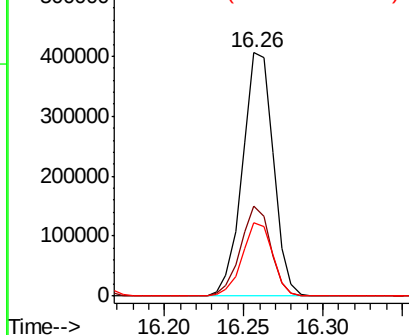


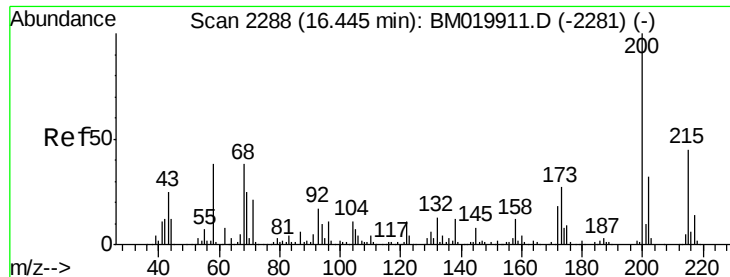
#68
 Hexachlorobenzene
 Concen: 52.573 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	28.9	43.3
249	29.9	23.8	35.6



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





#69

Atrazine

Concen: 53.045 ng

RT: 16.44 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

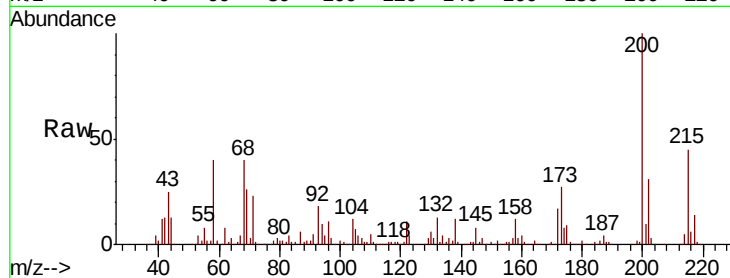
Tot Ion:200 Resp: 451994

Ion Ratio Lower Upper

200 100

173 27.1 7.2 47.2

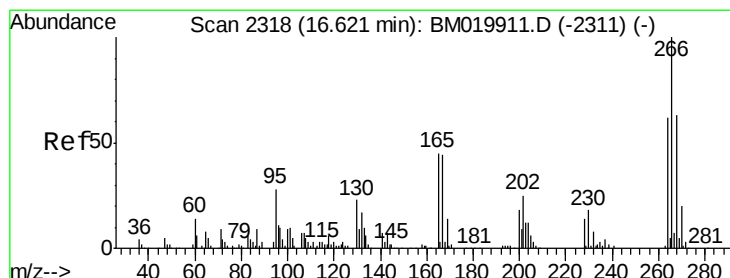
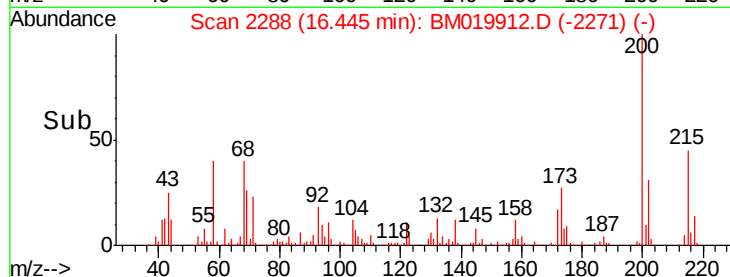
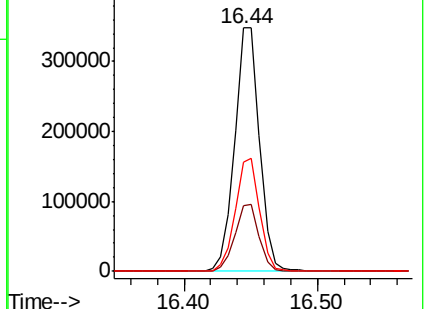
215 44.7 25.4 65.4



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: 45.563 ng

RT: 16.62 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

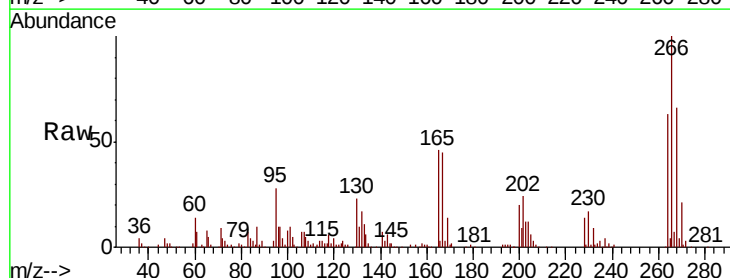
Tgt Ion:266 Resp: 286153

Ion Ratio Lower Upper

266 100

268 65.6 50.3 75.5

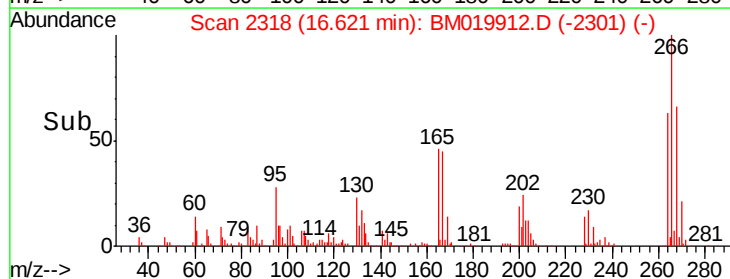
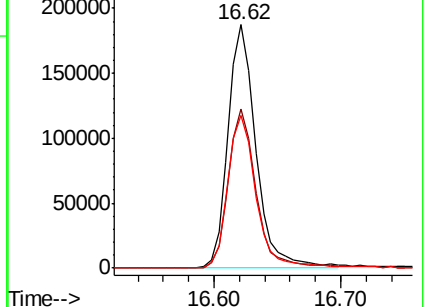
264 62.8 49.8 74.8

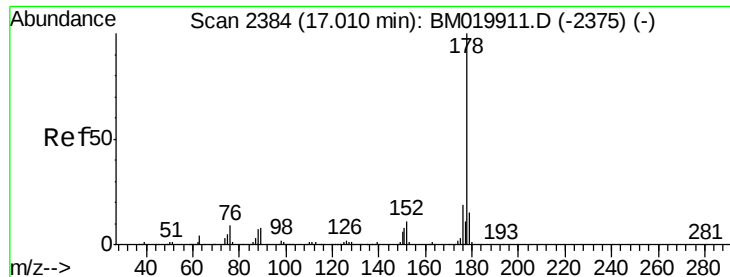


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

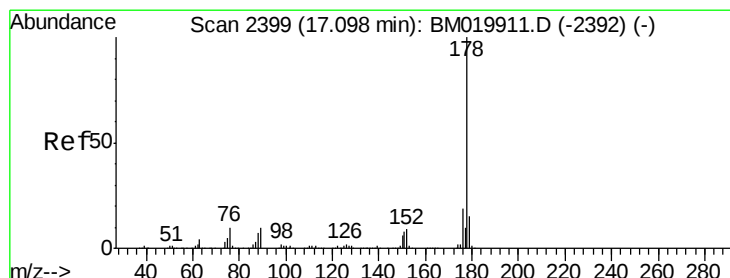
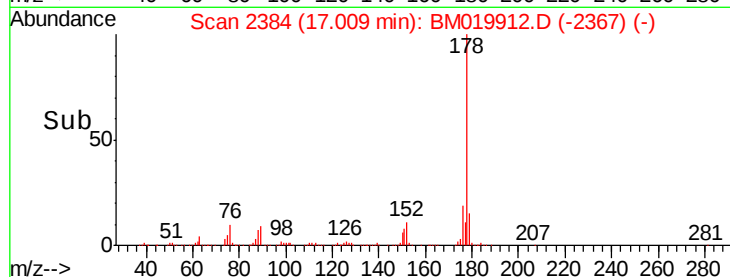
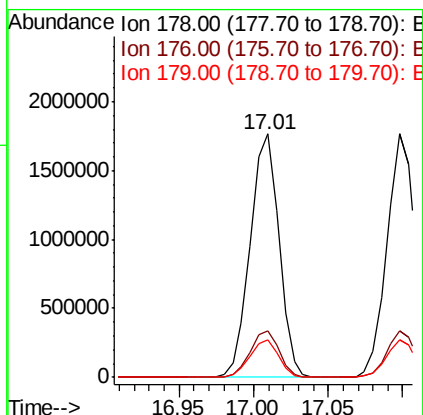
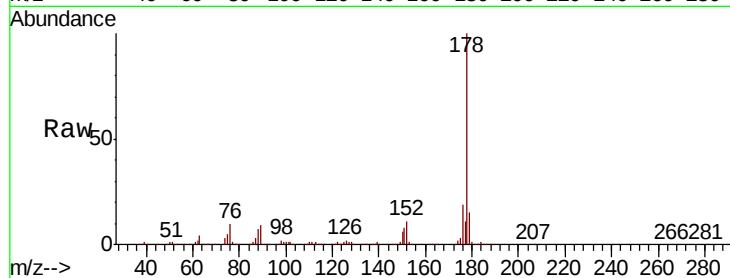




#71
Phenanthrene
Concen: 50.552 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

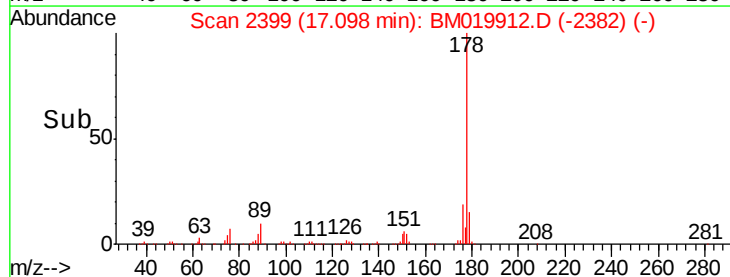
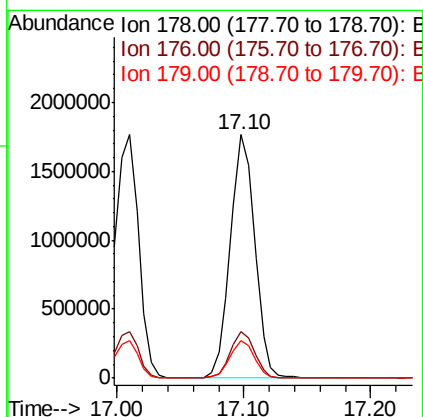
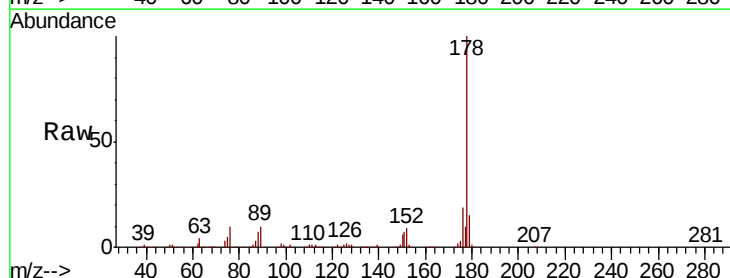
Instrument :
BNA_M
ClientSampleId :

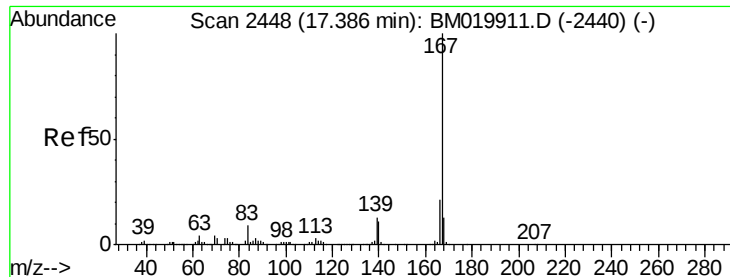
Tot Ion:178 Resp: 2355886
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.4 12.2 18.4



#72
Anthracene
Concen: 51.480 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM019912.D
Acq: 15 Apr 2019 13:03

Tgt Ion:178 Resp: 2348664
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.3 12.2 18.4



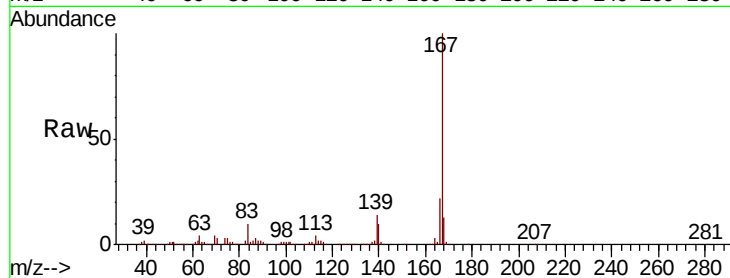


#73
 Carbazole
 Concen: 50.973 ng
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

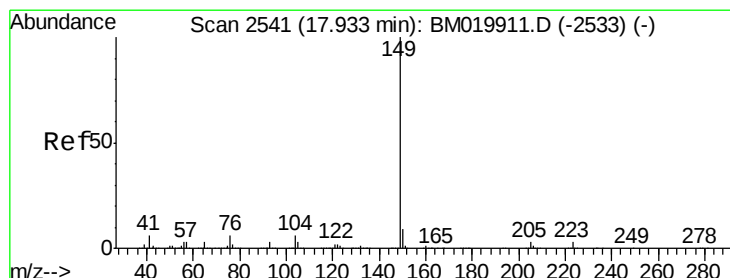
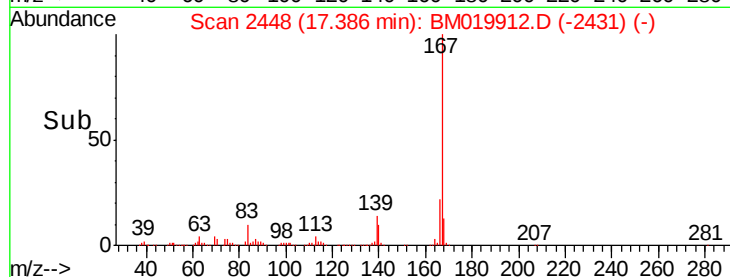
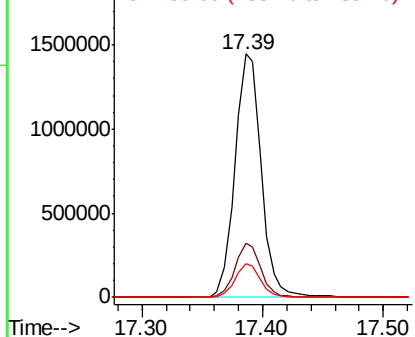
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 2194920

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	13.8	10.7	16.1



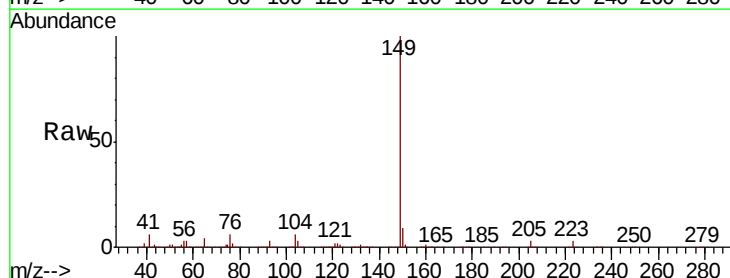
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



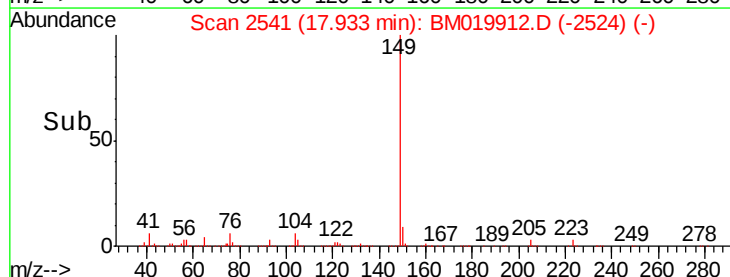
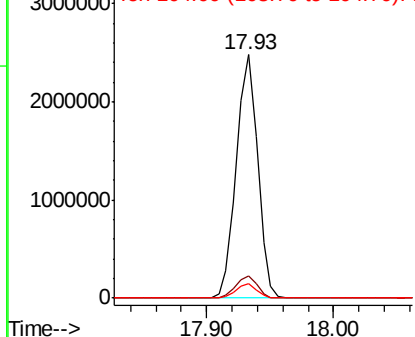
#74
 Di-n-butylphthalate
 Concen: 55.381 ng
 RT: 17.93 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BM019912.D
 Acq: 15 Apr 2019 13:03

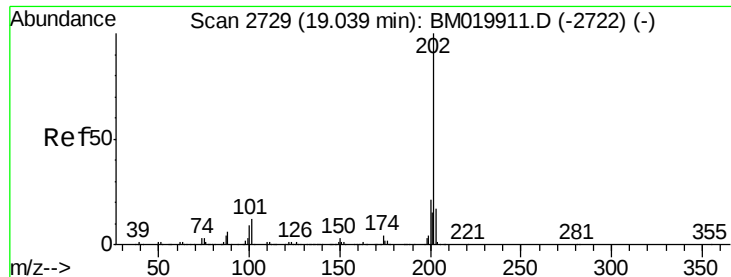
Tgt Ion:149 Resp: 2883697

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.7	4.6	7.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.537 ng

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

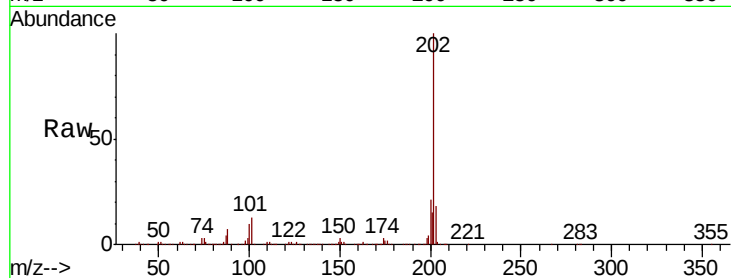
Tot Ion:202 Resp: 2702472

Ion Ratio Lower Upper

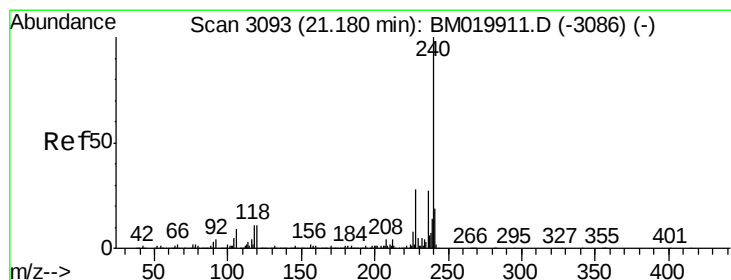
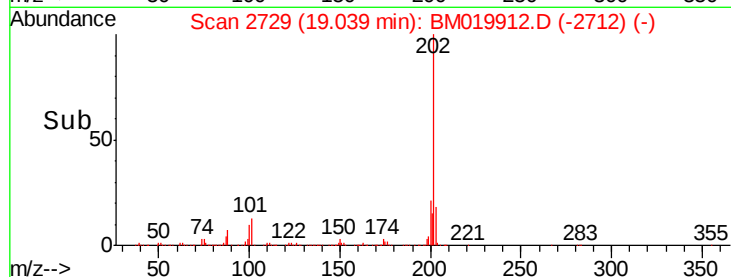
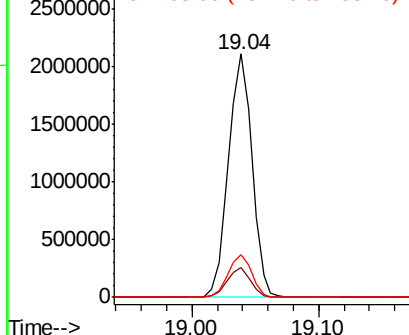
202 100

101 12.5 0.0 31.7

203 17.7 0.0 37.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

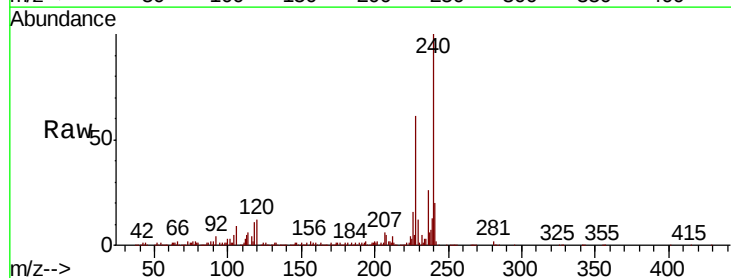
Tgt Ion:240 Resp: 839122

Ion Ratio Lower Upper

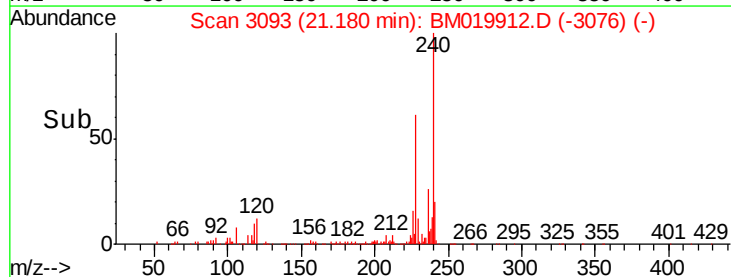
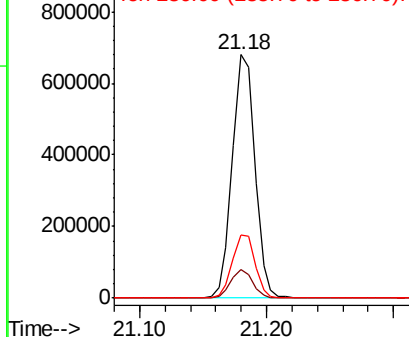
240 100

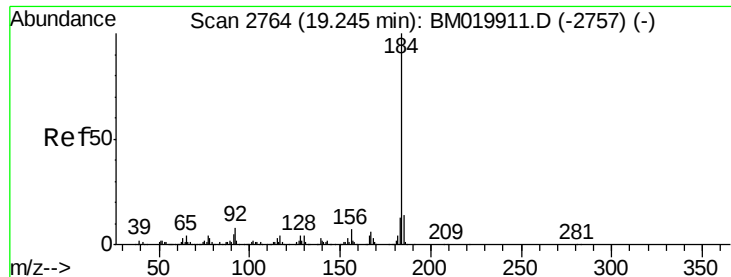
120 11.8 8.6 13.0

236 26.1 21.4 32.2



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





#77

Benzidine

Concen: 45.672 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

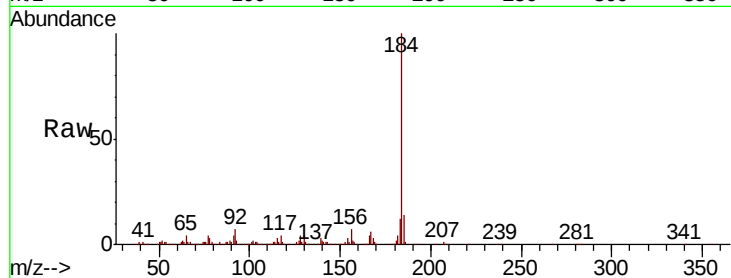
Tot Ion:184 Resp: 1086902

Ion Ratio Lower Upper

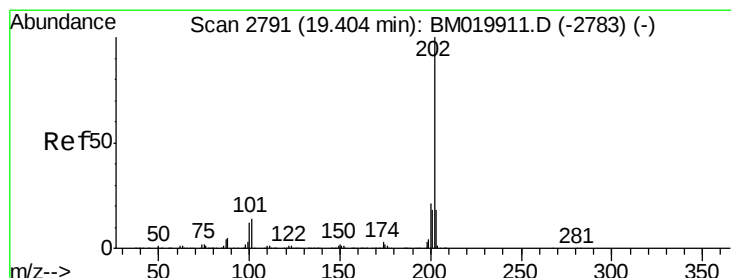
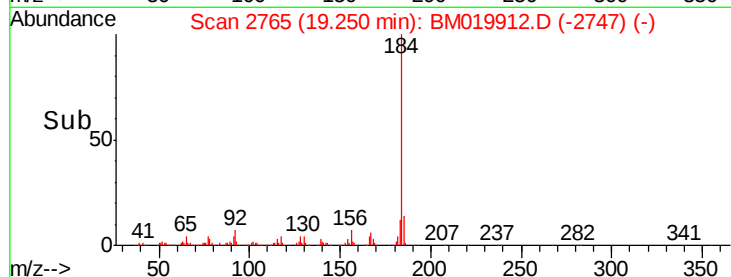
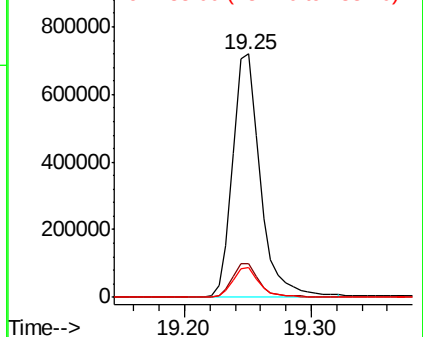
184 100

185 13.7 11.0 16.6

183 12.1 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: 52.004 ng

RT: 19.41 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

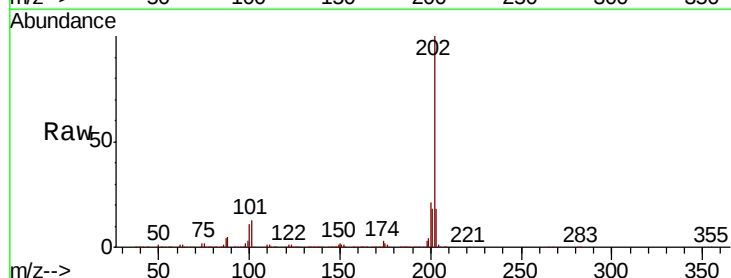
Tgt Ion:202 Resp: 2761028

Ion Ratio Lower Upper

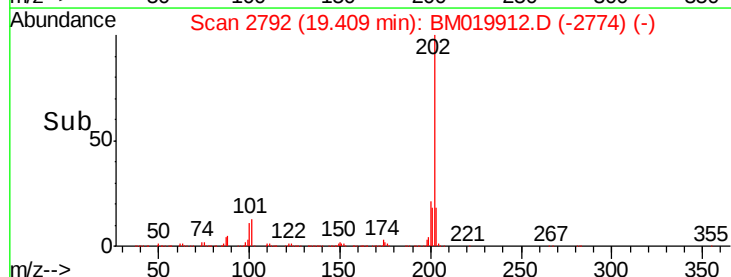
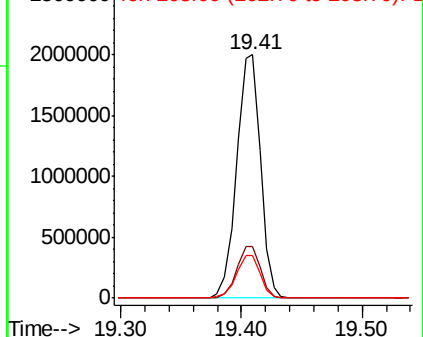
202 100

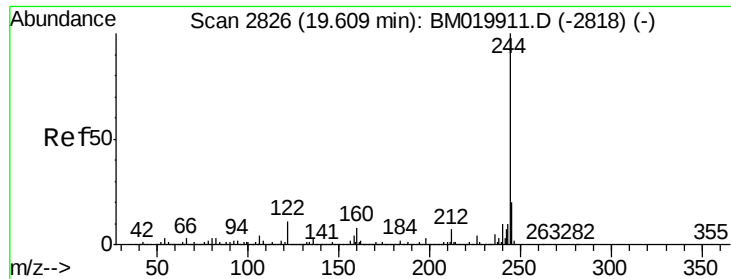
200 21.4 17.0 25.4

203 17.5 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: 113.475 ng

RT: 19.62 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampled :

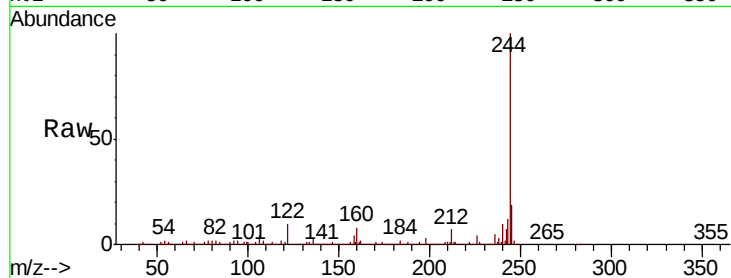
Tot Ion:244 Resp: 4796425

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

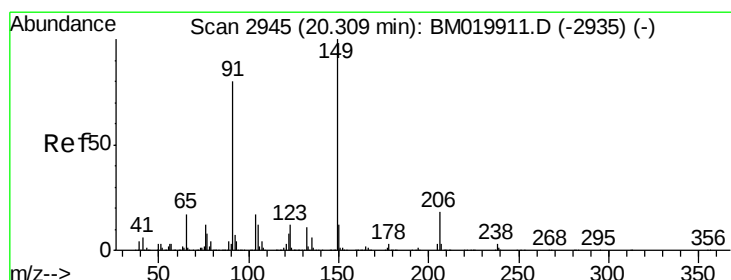
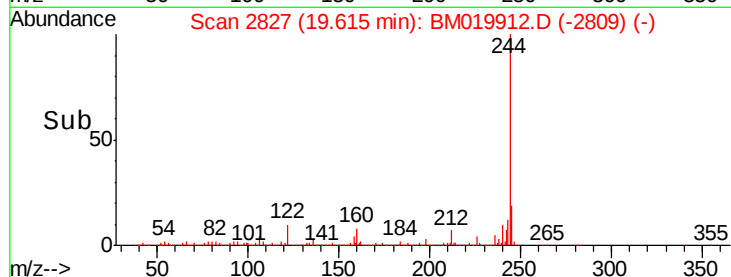
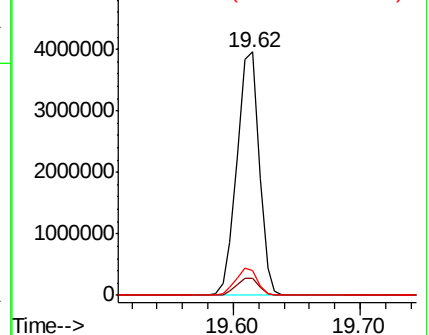
122 10.3 9.1 13.7



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: 58.266 ng

RT: 20.32 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

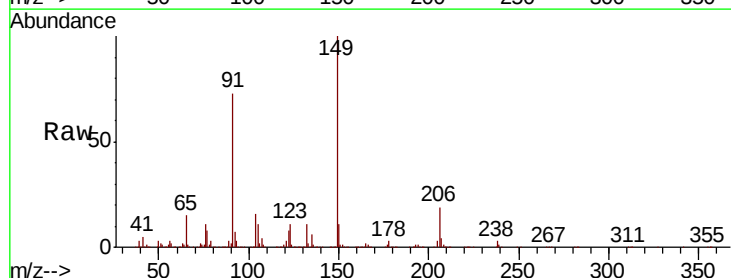
Tgt Ion:149 Resp: 1347378

Ion Ratio Lower Upper

149 100

91 73.4 63.7 95.5

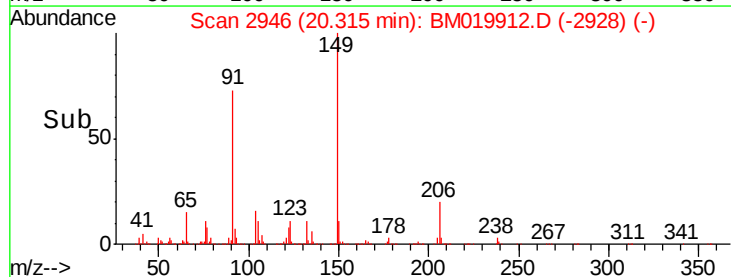
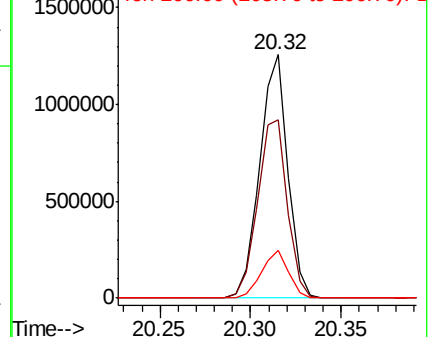
206 19.5 14.6 21.8

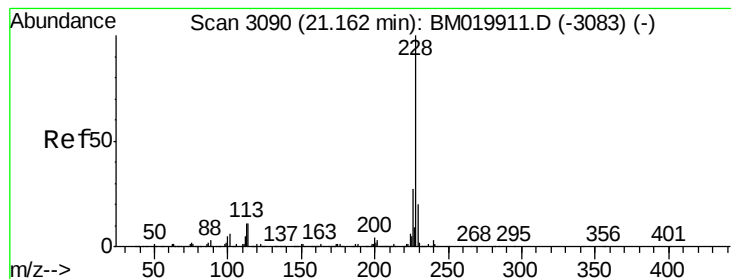


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.081 ng

RT: 21.17 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampled :

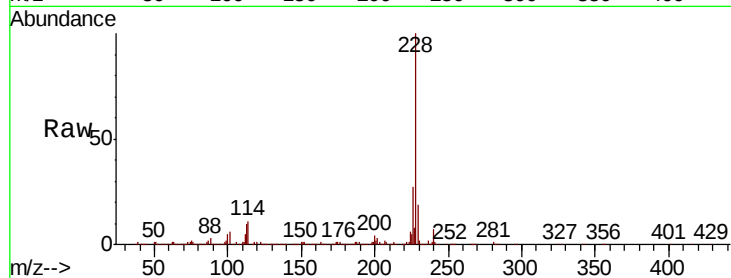
Tot Ion:228 Resp: 2636418

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.4	15.9	23.9

228 100

226 26.9 21.8 32.6

229 19.4 15.9 23.9

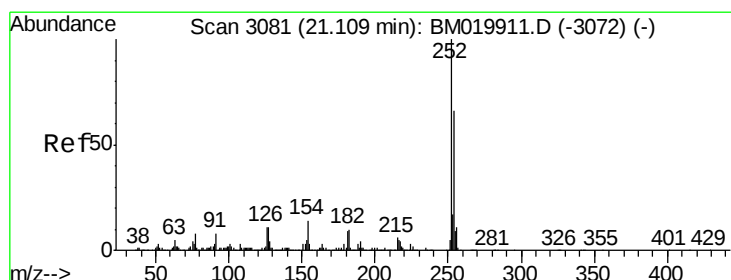
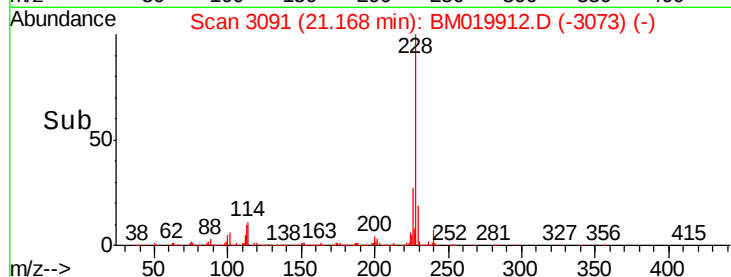
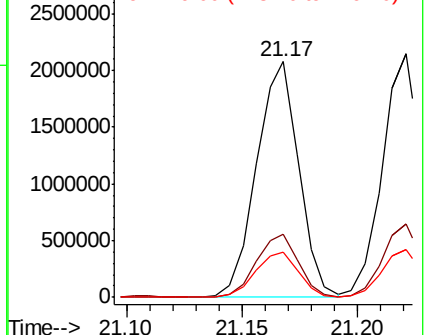


Abundance

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: 49.260 ng

RT: 21.11 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

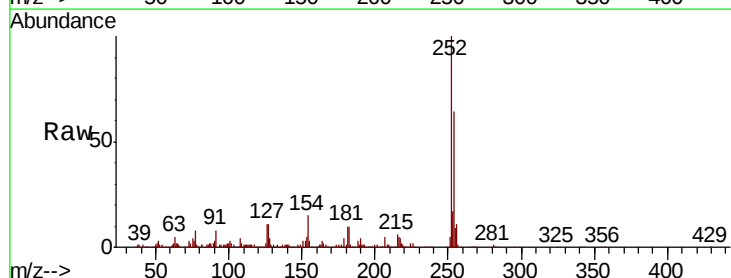
Tgt Ion:252 Resp: 998996

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	78.8
126	10.9	8.6	12.8

252 100

254 64.4 52.6 78.8

126 10.9 8.6 12.8

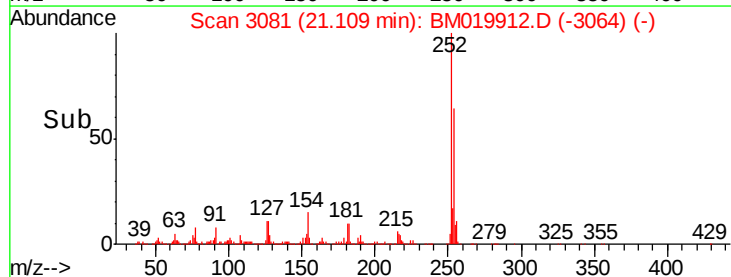
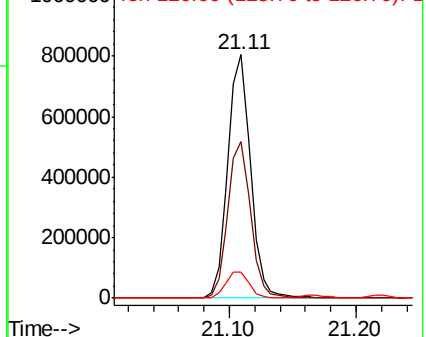


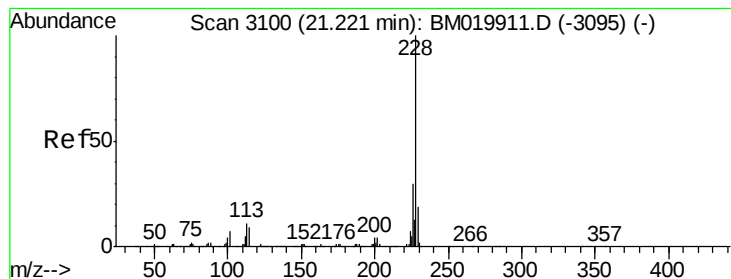
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 49.694 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

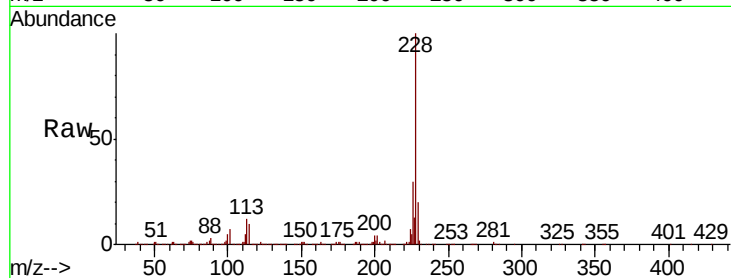
Tot Ion:228 Resp: 2530898

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.6	15.6	23.4

228 100

226 30.0 23.7 35.5

229 19.6 15.6 23.4

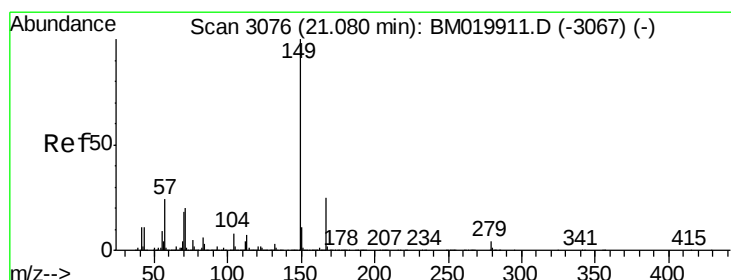
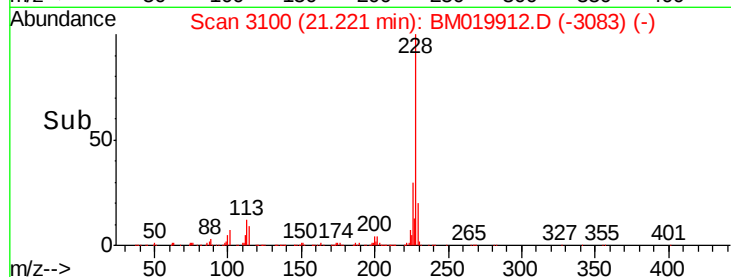
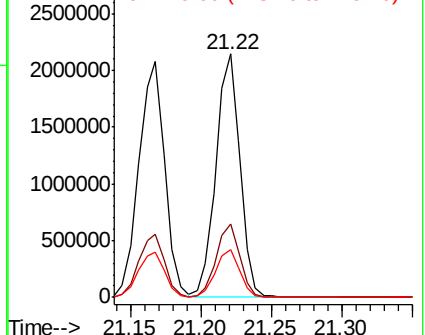


Abundance

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: 60.156 ng

RT: 21.08 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

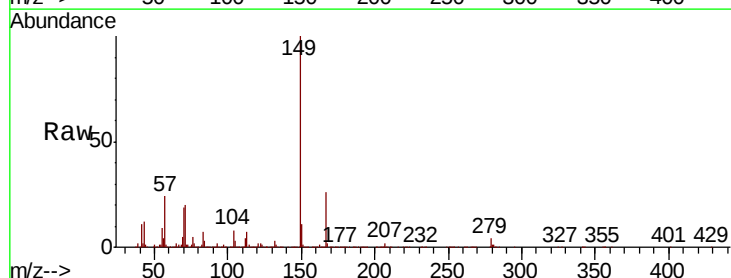
Tgt Ion:149 Resp: 2023810

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.3	30.5
279	4.1	3.4	5.2

149 100

167 26.0 20.3 30.5

279 4.1 3.4 5.2

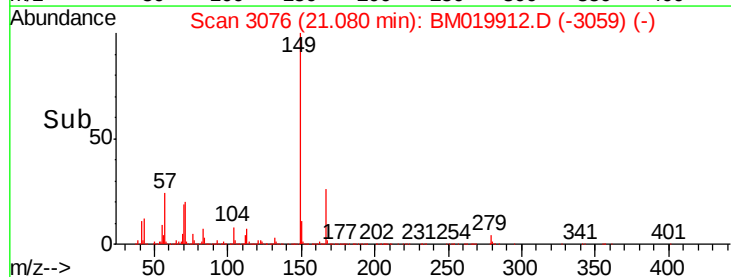
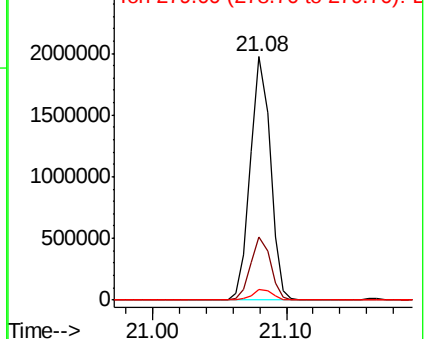


Abundance

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: 57.271 ng

RT: 21.95 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

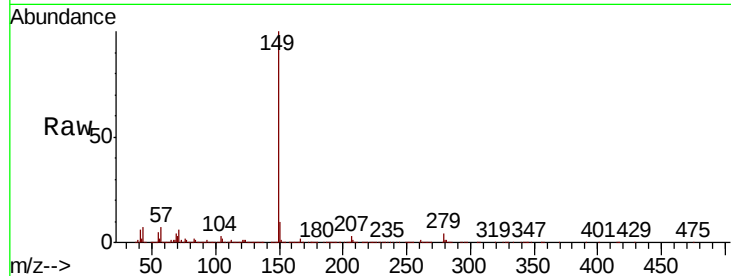
Tot Ion:149 Resp: 3244439

Ion Ratio Lower Upper

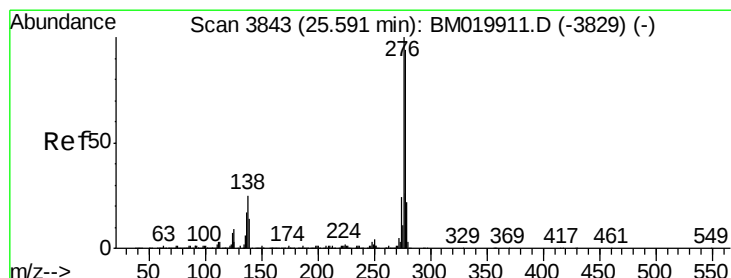
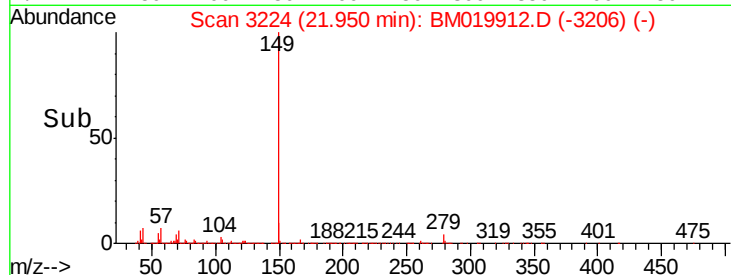
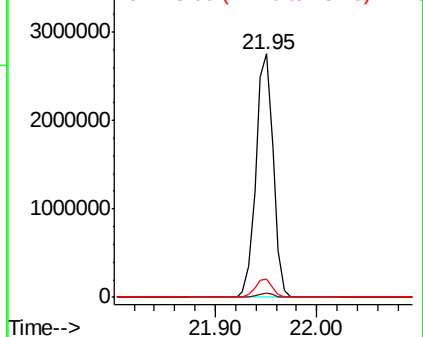
149 100

167 1.6 1.3 1.9

43 7.5 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.119 ng

RT: 25.60 min Scan# 3844

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

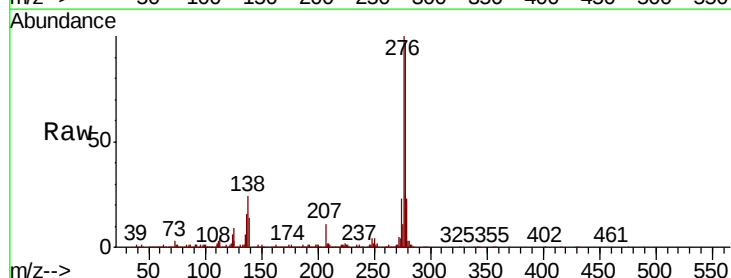
Tgt Ion:276 Resp: 2418750

Ion Ratio Lower Upper

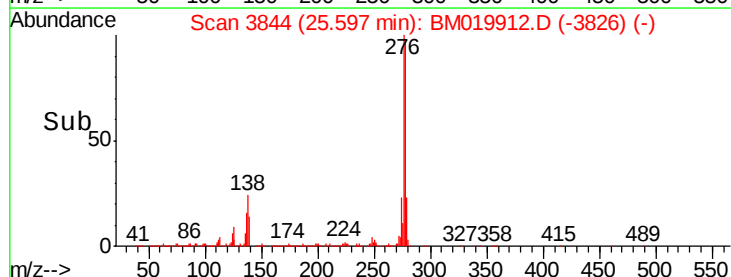
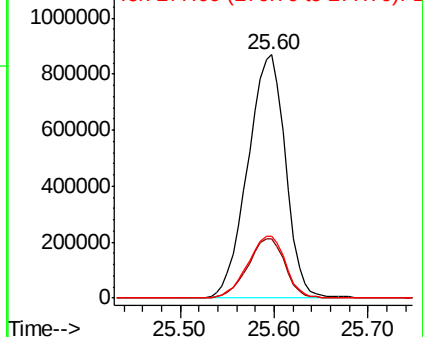
276 100

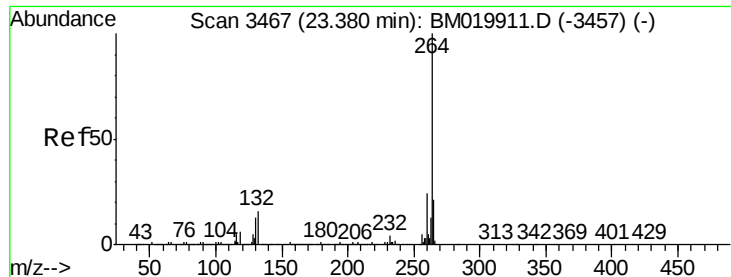
138 24.0 19.0 28.6

277 25.4 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

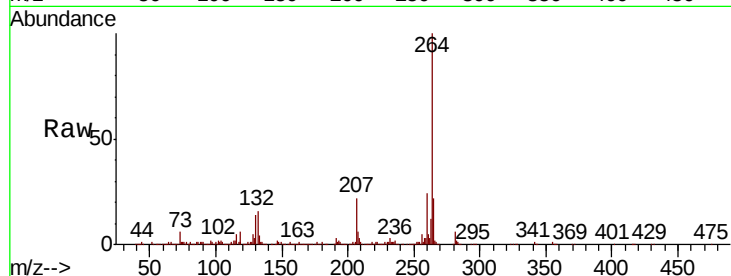
Instrument :

BNA_M

ClientSampled :

Tot Ion:264 Resp: 730916

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	17.2	25.8

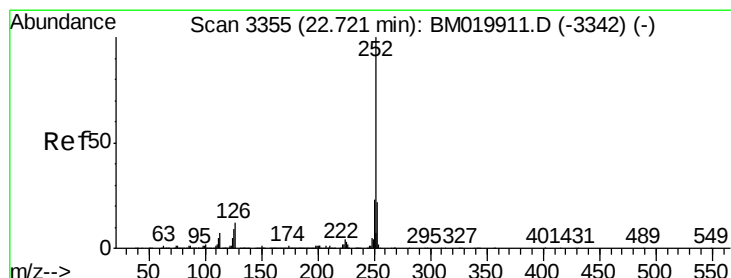
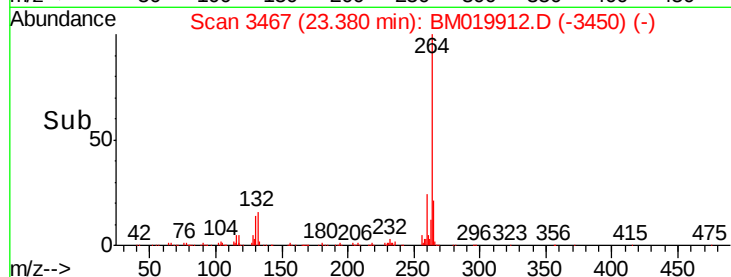
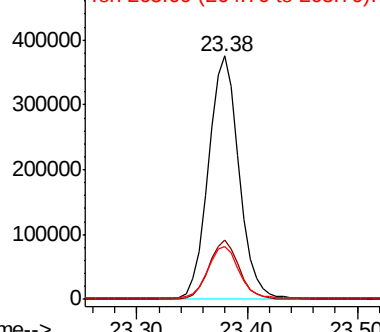


Abundance

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: 52.836 ng

RT: 22.72 min Scan# 3355

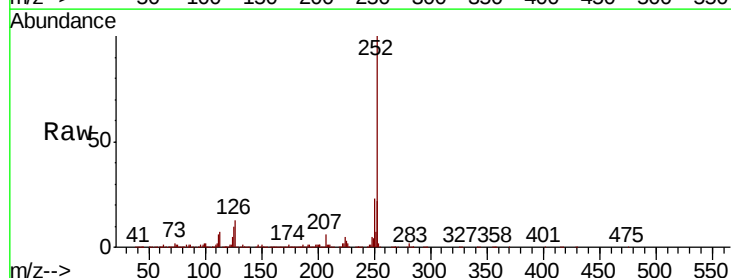
Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Tgt Ion:252 Resp: 2502415

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.4	7.6	11.4

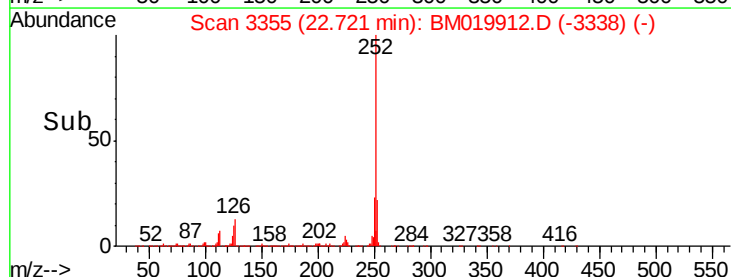
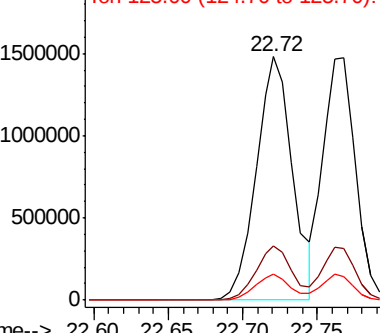


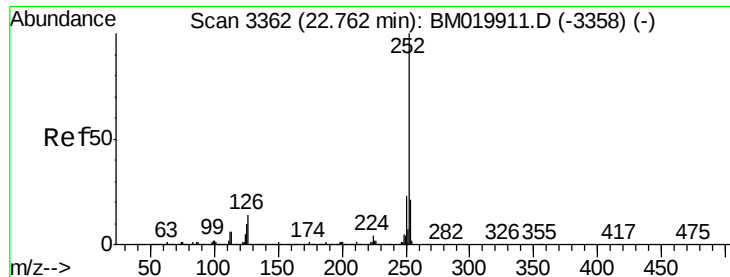
Abundance

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: 51.410 ng

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampleId :

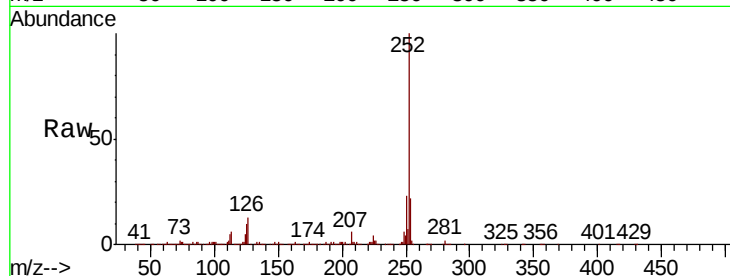
Tot Ion:252 Resp: 2239551

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

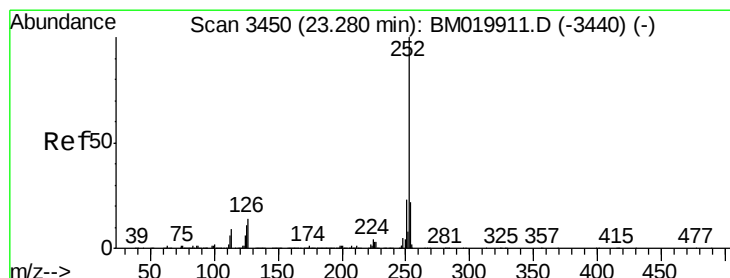
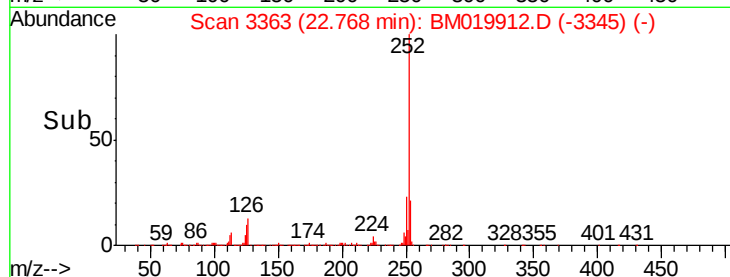
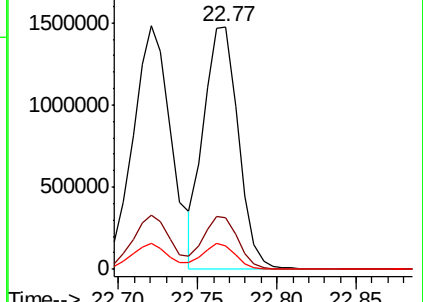
125 9.7 8.2 12.4



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: 50.947 ng

RT: 23.29 min Scan# 3451

Delta R.T. 0.01 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

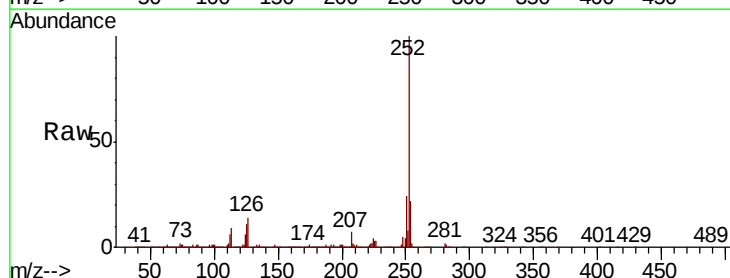
Tgt Ion:252 Resp: 2168435

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

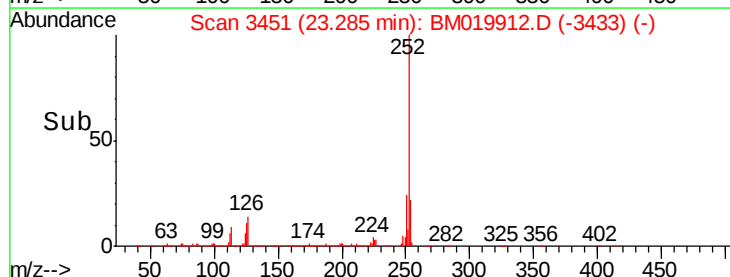
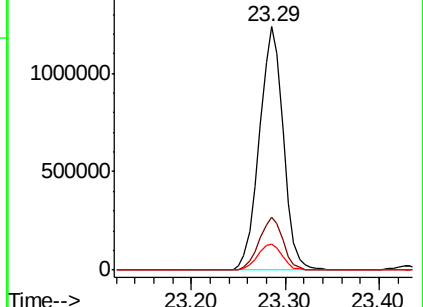
125 10.9 9.1 13.7

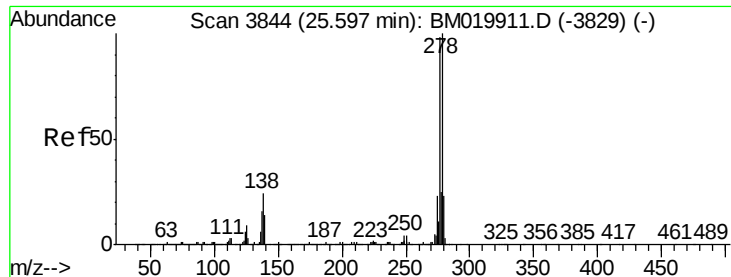


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.203 ng

RT: 25.60 min Scan# 3844

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

Instrument :

BNA_M

ClientSampled :

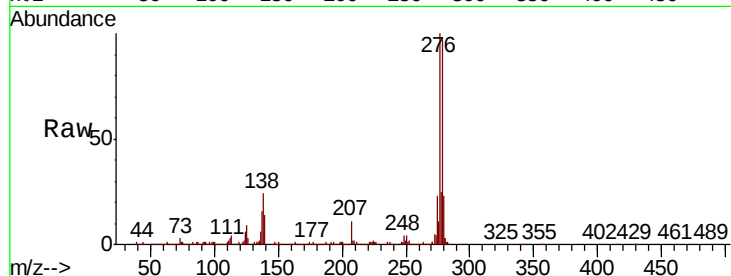
Tot Ion:278 Resp: 2044021

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.6	17.4
279	23.7	18.4	27.6

278 100

139 14.8 11.6 17.4

279 23.7 18.4 27.6

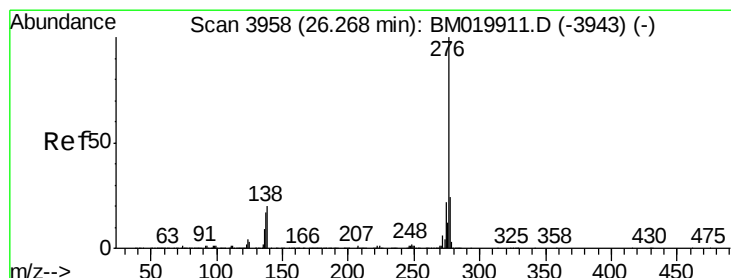
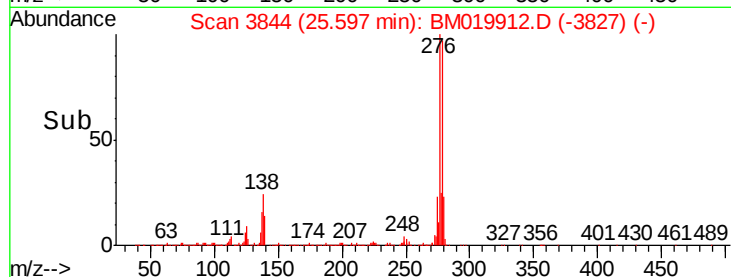
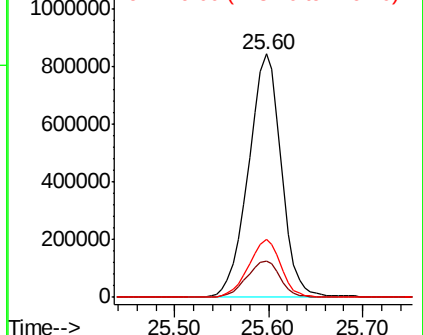


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.823 ng

RT: 26.27 min Scan# 3958

Delta R.T. -0.00 min

Lab File: BM019912.D

Acq: 15 Apr 2019 13:03

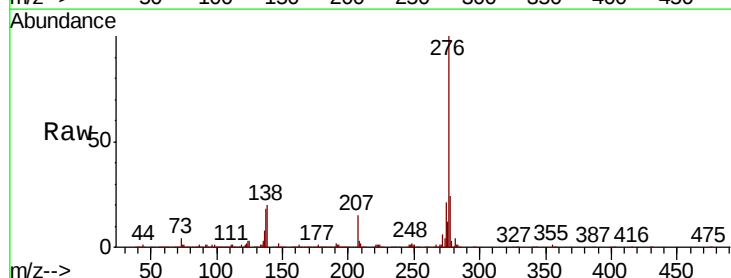
Tgt Ion:276 Resp: 1825034

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.4	16.2	24.4

276 100

277 24.1 18.8 28.2

138 20.4 16.2 24.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

