

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041519\
 Data File : BM019913.D
 Acq On : 15 Apr 2019 13:40
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 15 14:59:12 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	125092	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	592224	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	356618	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	790081	20.00	ng	0.00
76) Chrysene-d12	21.19	240	861541	20.00	ng	0.00
87) Perylene-d12	23.38	264	753425	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	934984	121.05	ng	0.00
7) Phenol-d6	6.73	99	1437669	127.25	ng	0.00
23) Nitrobenzene-d5	8.71	82	1623333	129.57	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	710973	135.03	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	3502401	127.75	ng	0.00
79) Terphenyl-d14	19.62	244	5912438	136.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	195776	56.975	ng	99
3) Pyridine	3.51	79	547783	58.596	ng	99
4) n-Nitrosodimethylamine	3.44	42	194940	67.075	ng	98
6) Aniline	6.89	93	923726	63.326	ng	99
8) 2-Chlorophenol	7.10	128	581228	62.618	ng	97
9) Benzaldehyde	6.70	77	348514	49.040	ng	98
10) Phenol	6.76	94	778588	63.943	ng	99
11) bis(2-Chloroethyl)ether	6.98	93	564417	60.747	ng	98
12) 1,3-Dichlorobenzene	7.42	146	604598	61.549	ng	99
13) 1,4-Dichlorobenzene	7.57	146	611623	61.073	ng	98
14) 1,2-Dichlorobenzene	7.87	146	609628	62.568	ng	99
15) Benzyl Alcohol	7.80	79	655832	70.136	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.06	45	528952	55.755	ng	98
17) 2-Methylphenol	7.99	107	510656	64.358	ng	99
18) Hexachloroethane	8.58	117	238494	64.089	ng	97
19) n-Nitroso-di-n-propylamine	8.35	70	614886	66.337	ng	99
20) 3+4-Methylphenols	8.32	107	711720	66.081	ng	98
22) Acetophenone	8.37	105	981296	59.957	ng	# 99
24) Nitrobenzene	8.75	77	837631	64.286	ng	100
25) Isophorone	9.27	82	1564494	65.443	ng	99
26) 2-Nitrophenol	9.45	139	364170	67.427	ng	99
27) 2,4-Dimethylphenol	9.51	122	505312	62.933	ng	98
28) bis(2-Chloroethoxy)methane	9.75	93	883232	62.395	ng	# 98
29) 2,4-Dichlorophenol	9.98	162	580508	65.279	ng	98
30) 1,2,4-Trichlorobenzene	10.17	180	610171	60.851	ng	100
31) Naphthalene	10.36	128	1908019	61.126	ng	99
32) Benzoic acid	9.75	122	427578	62.878	ng	96
33) 4-Chloroaniline	10.50	127	811194	63.396	ng	99
34) Hexachlorobutadiene	10.62	225	358766	62.347	ng	98
35) Caprolactam	11.35	113	185812	58.657	ng	98
36) 4-Chloro-3-methylphenol	11.64	107	711412	64.835	ng	100
37) 2-Methylnaphthalene	11.99	142	1399433	61.696	ng	99
38) 1-Methylnaphthalene	12.21	142	1374103	61.460	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	670485	59.436	ng	100

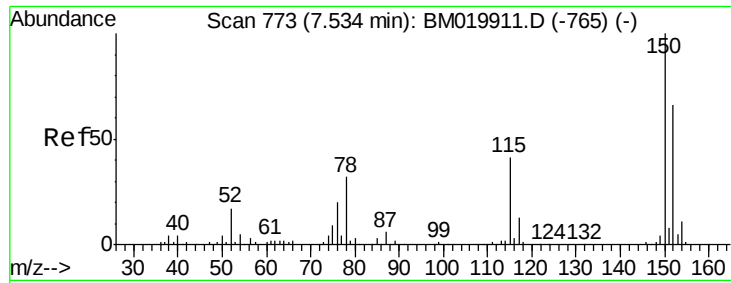
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041519\
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 QLast Update : Mon Apr 15 14:51:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	217925	42.649	ng	97
43) 2,4,6-Trichlorophenol	12.62	196	466148	63.943	ng	97
44) 2,4,5-Trichlorophenol	12.70	196	488019	62.602	ng	99
46) 1,1'-Biphenyl	13.02	154	1876214	60.243	ng	99
47) 2-Chloronaphthalene	13.07	162	1435251	61.740	ng	99
48) 2-Nitroaniline	13.31	65	531481	68.171	ng	99
49) Acenaphthylene	13.92	152	2516080	64.011	ng	99
50) Dimethylphthalate	13.67	163	1916082	62.808	ng	100
51) 2,6-Dinitrotoluene	13.82	165	426046	64.604	ng	96
52) Acenaphthene	14.27	154	1384437	61.296	ng	100
53) 3-Nitroaniline	14.16	138	437008	62.567	ng	93
54) 2,4-Dinitrophenol	14.38	184	241676	63.103	ng	97
55) Dibenzofuran	14.60	168	2262811	62.124	ng	99
56) 4-Nitrophenol	14.49	139	321511	56.378	ng	99
57) 2,4-Dinitrotoluene	14.62	165	623479	65.130	ng	100
58) Fluorene	15.26	166	1930701	64.306	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.84	232	432555	59.603	ng	99
60) Diethylphthalate	15.04	149	1984150	64.218	ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	928490	63.673	ng	99
62) 4-Nitroaniline	15.33	138	435317	61.844	ng	99
63) Azobenzene	15.55	77	2140795	65.846	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	324426	62.662	ng	98
66) n-Nitrosodiphenylamine	15.49	169	1582507	62.914	ng	100
67) 4-Bromophenyl-phenylether	16.16	248	556967	63.927	ng	94
68) Hexachlorobenzene	16.26	284	661131	63.826	ng	98
69) Atrazine	16.45	200	532585	62.899	ng	99
70) Pentachlorophenol	16.62	266	350928	56.232	ng	100
71) Phenanthrene	17.01	178	2864254	61.850	ng	99
72) Anthracene	17.10	178	2874556	63.407	ng	100
73) Carbazole	17.39	167	2690465	62.878	ng	100
74) Di-n-butylphthalate	17.93	149	3539354	68.404	ng	99
75) Fluoranthene	19.04	202	3293725	61.984	ng	99
77) Benzidine	19.25	184	1728346	70.736	ng	100
78) Pyrene	19.41	202	3405830	62.480	ng	100
80) Butylbenzylphthalate	20.32	149	1668364	70.269	ng	94
81) Benzo(a)anthracene	21.17	228	3273688	60.568	ng	100
82) 3,3'-Dichlorobenzidine	21.11	252	1231601	59.150	ng	99
83) Chrysene	21.22	228	3146284	60.170	ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	2479821	71.793	ng	98
85) Di-n-octyl phthalate	21.95	149	4080671	70.158	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	3004789	53.382	ng	100
88) Benzo(b)fluoranthene	22.72	252	3047501	62.423	ng	99
89) Benzo(k)fluoranthene	22.77	252	2882890	64.202	ng	99
90) Benzo(a)pyrene	23.29	252	2699463	61.529	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2538464	60.484	ng	98
92) Benzo(g,h,i)perylene	26.27	276	2253093	58.474	ng	99

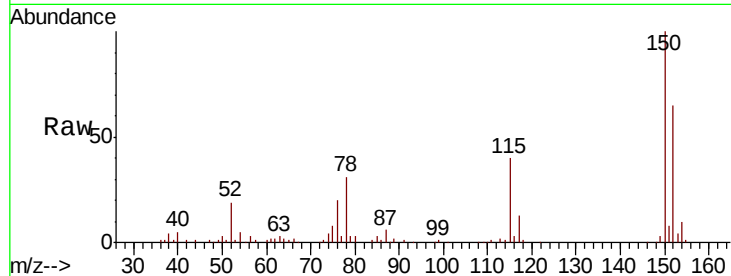
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.53 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.1	183.1
115	61.8	50.0	75.0

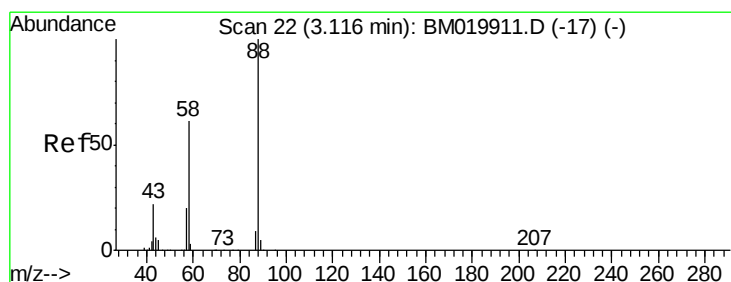
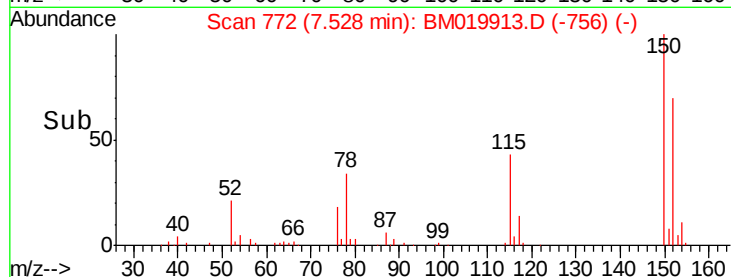
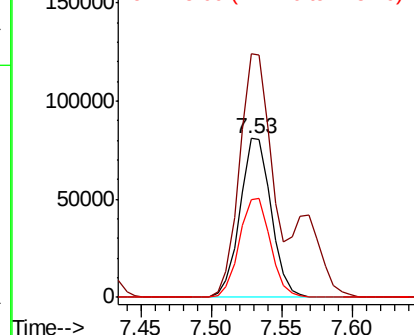


Abundance

Ion 152.00 (151.70 to 152.70): E

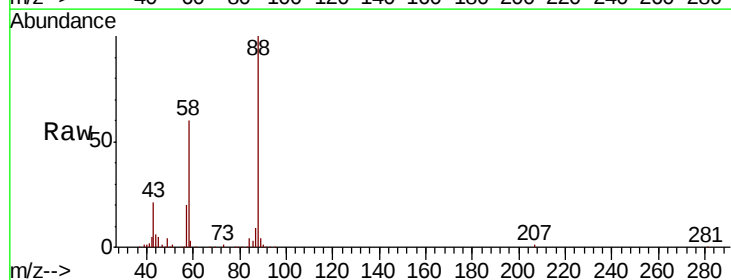
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 56.975 ng
 RT: 3.12 min Scan# 22
 Delta R.T. -0.00 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.2	49.6	74.4
43	22.4	18.6	27.8

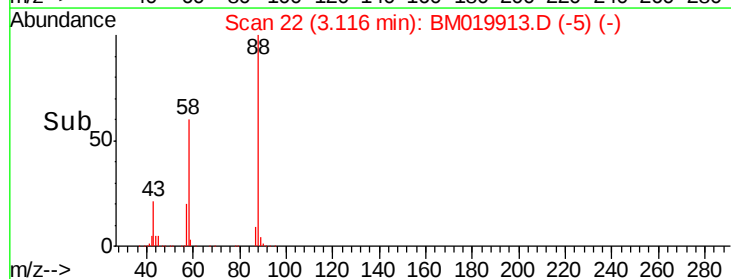
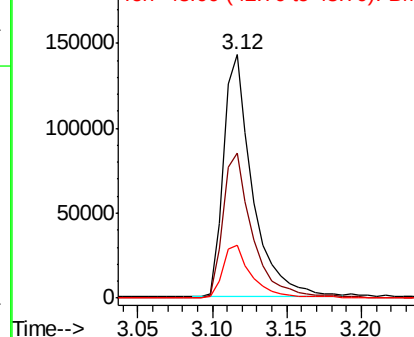


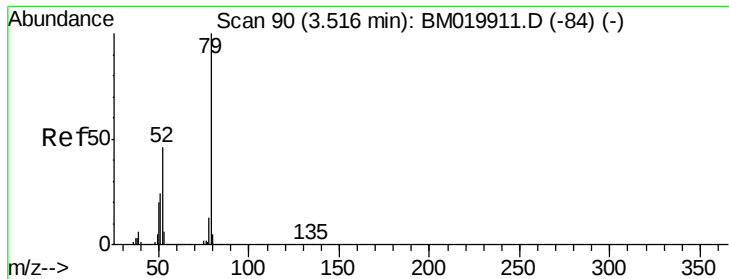
Abundance

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: 58.596 ng

RT: 3.51 min Scan# 89

Delta R.T. -0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampleId :

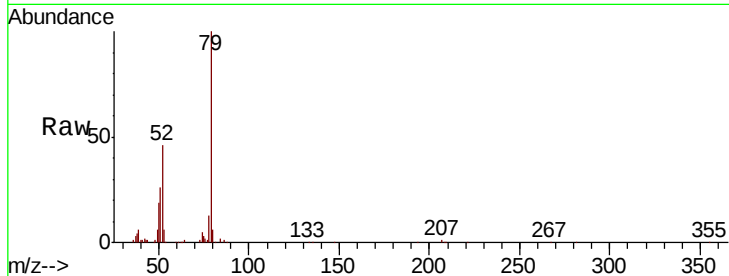
Tot Ion: 79 Resp: 547783

Ion Ratio Lower Upper

79 100

52 45.8 36.9 55.3

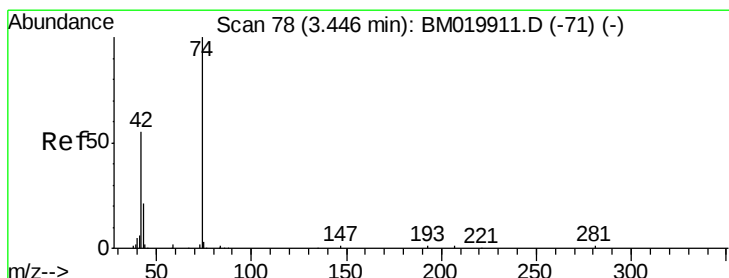
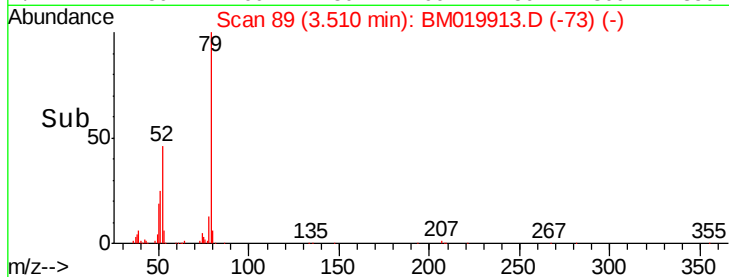
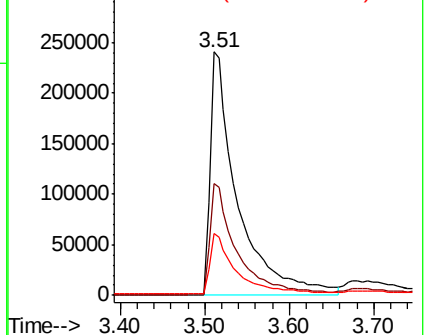
51 25.6 20.0 30.0



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) (-)



#4

n-Nitrosodimethylamine

Concen: 67.075 ng

RT: 3.44 min Scan# 77

Delta R.T. -0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

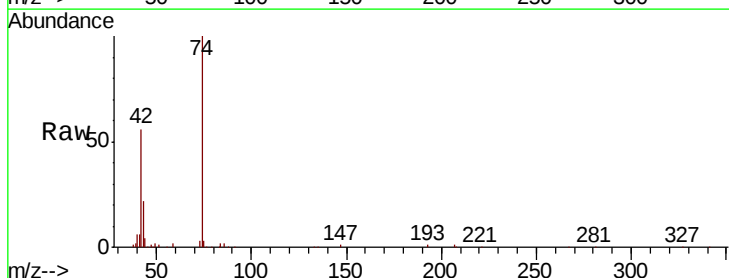
Tgt Ion: 42 Resp: 194940

Ion Ratio Lower Upper

42 100

74 178.3 144.6 217.0

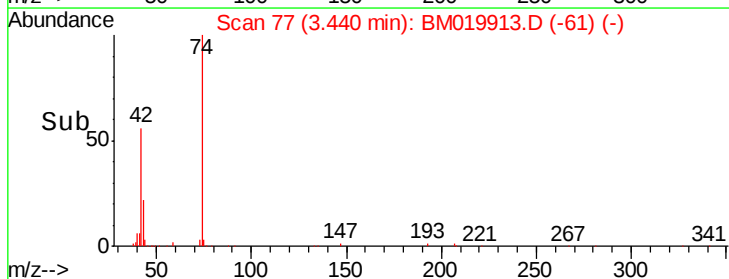
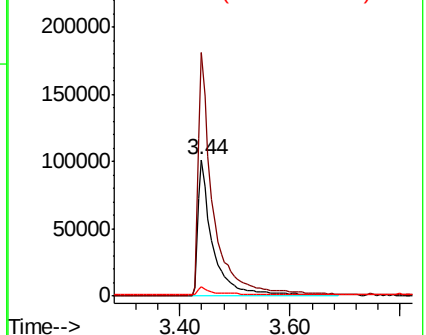
44 6.5 5.4 8.2

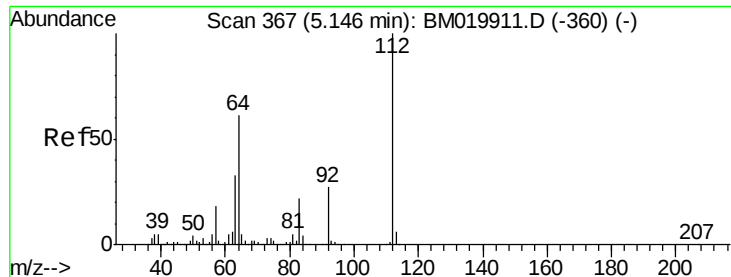


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

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

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





#5

2-Fluorophenol

Concen: 121.046 ng

RT: 5.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampleId :

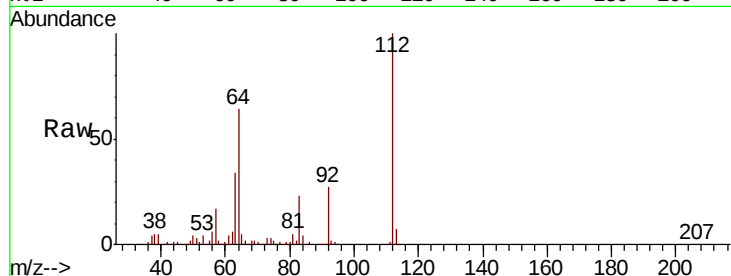
Tot Ion:112 Resp: 934984

Ion Ratio Lower Upper

112 100

64 63.9 49.1 73.7

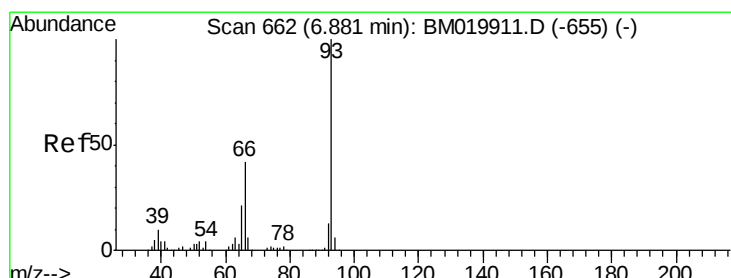
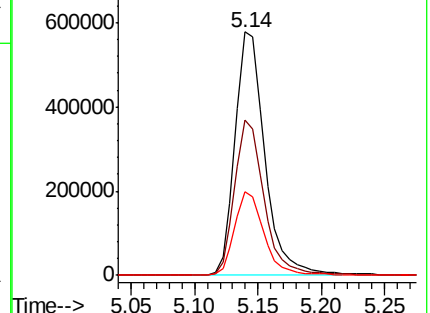
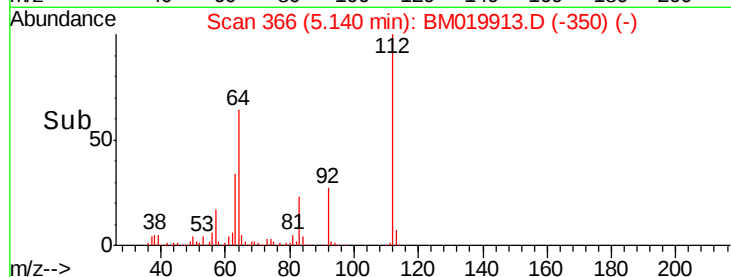
63 34.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 63.326 ng

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

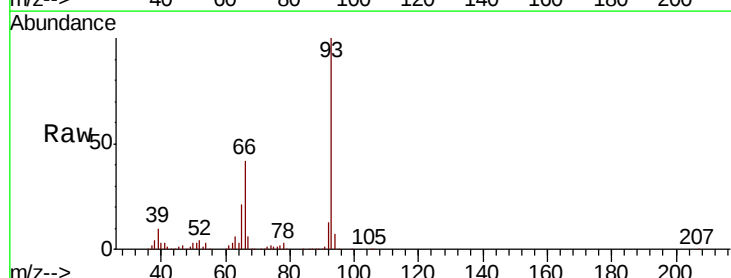
Tgt Ion: 93 Resp: 923726

Ion Ratio Lower Upper

93 100

66 42.2 33.9 50.9

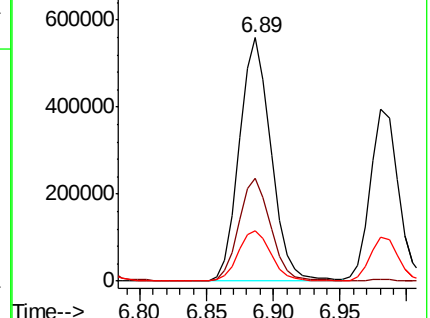
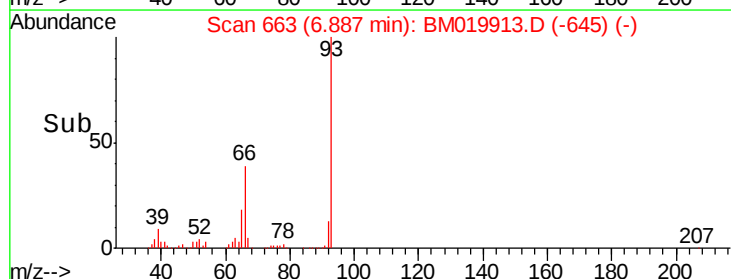
65 20.7 17.0 25.6

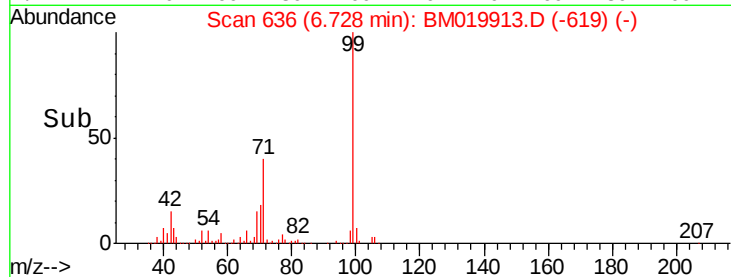
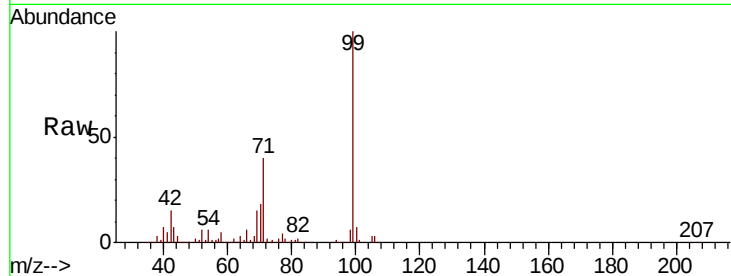
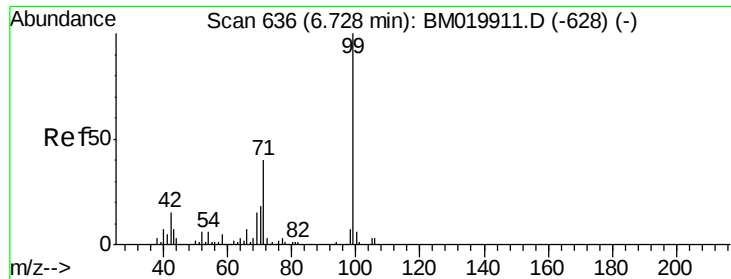


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 127.247 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampled :

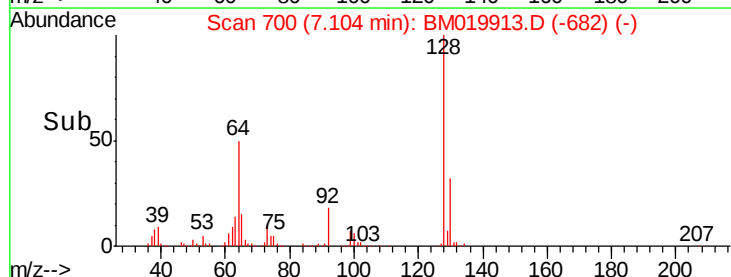
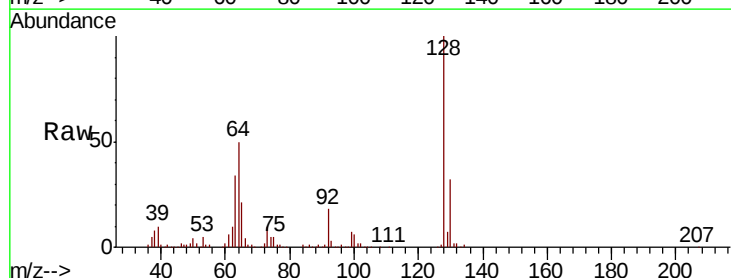
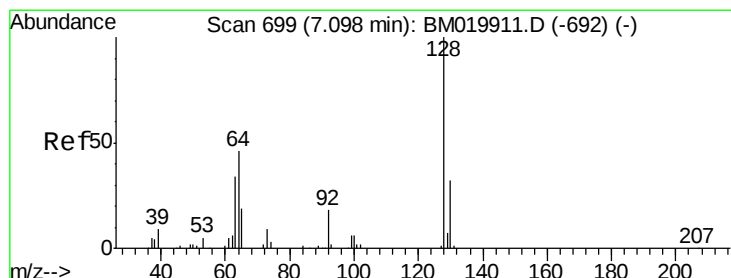
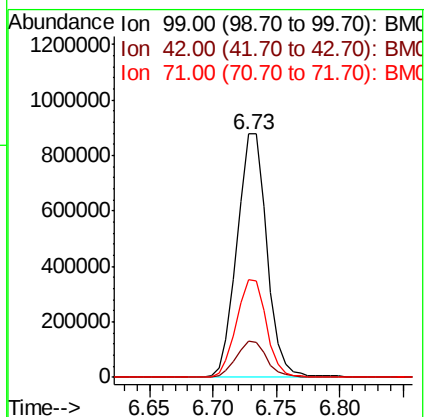
Tot Ion: 99 Resp: 1437669

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.8

71 40.1 32.0 48.0



#8

2-Chlorophenol

Concen: 62.618 ng

RT: 7.10 min Scan# 700

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

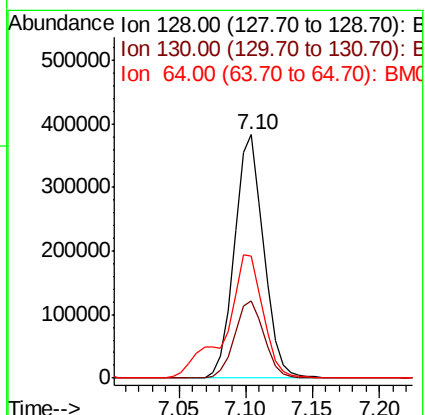
Tgt Ion:128 Resp: 581228

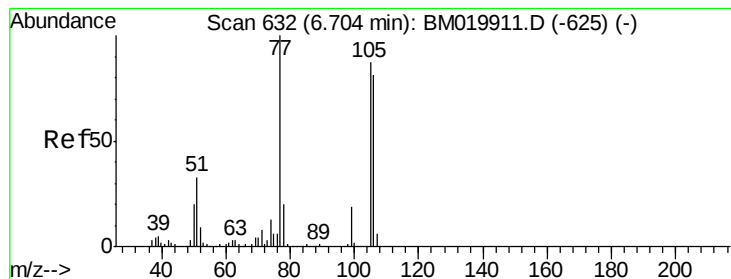
Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 50.3 33.0 73.0





#9

Benzaldehyde

Concen: 49.040 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampled :

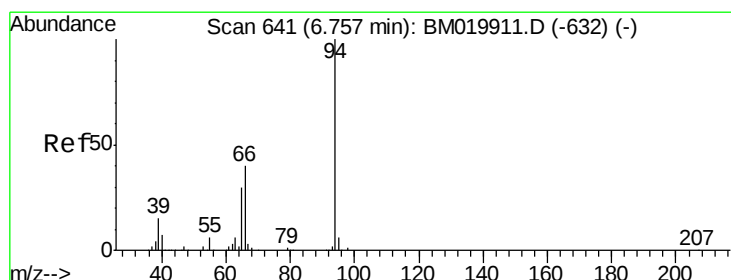
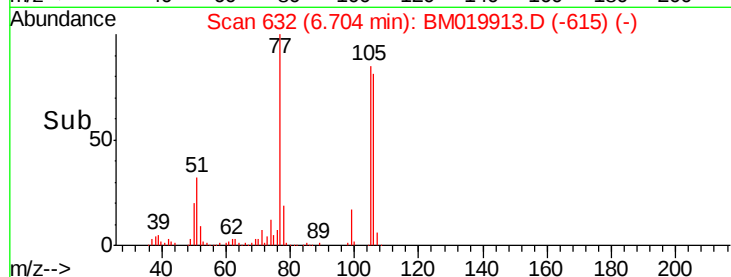
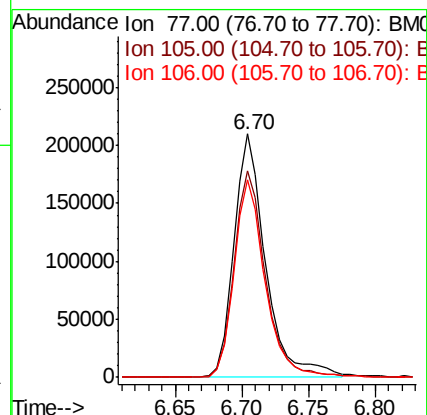
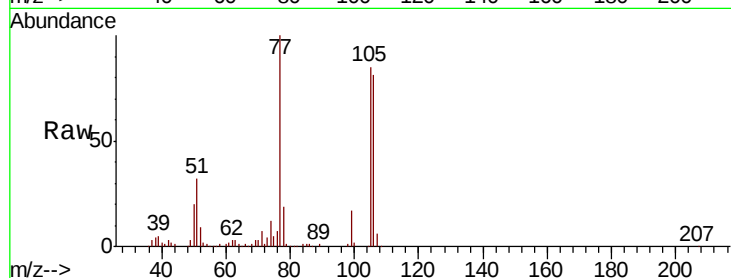
Tot Ion: 77 Resp: 348514

Ion Ratio Lower Upper

77 100

105 84.8 67.3 107.3

106 81.0 60.6 100.6



#10

Phenol

Concen: 63.943 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

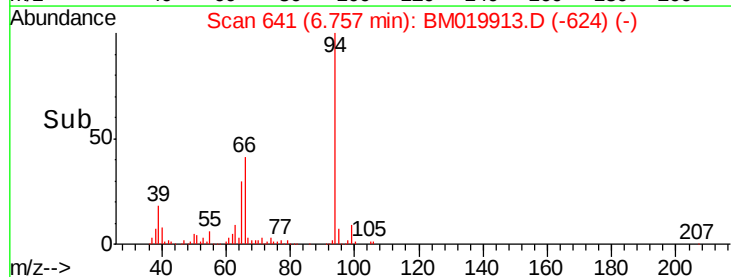
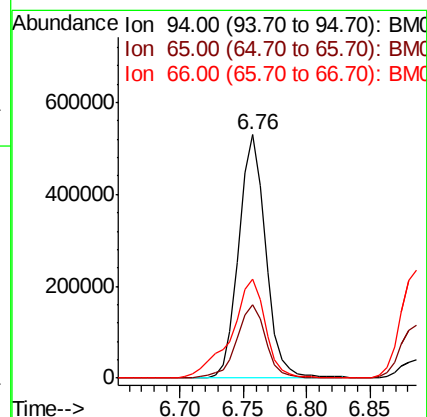
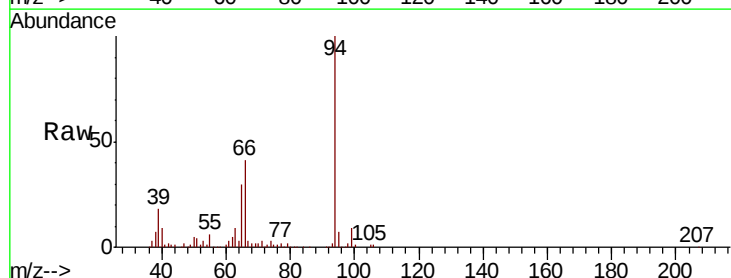
Tgt Ion: 94 Resp: 778588

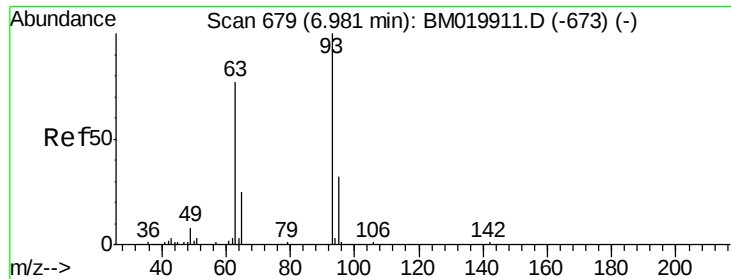
Ion Ratio Lower Upper

94 100

65 30.3 10.0 50.0

66 40.8 20.2 60.2

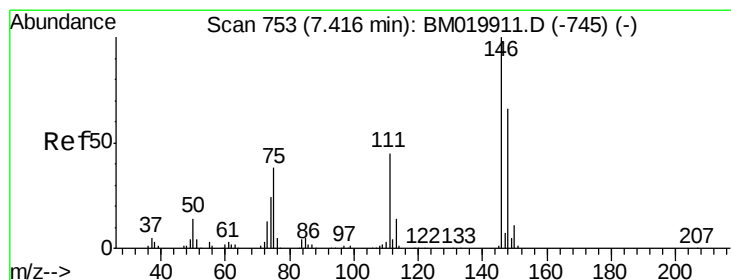
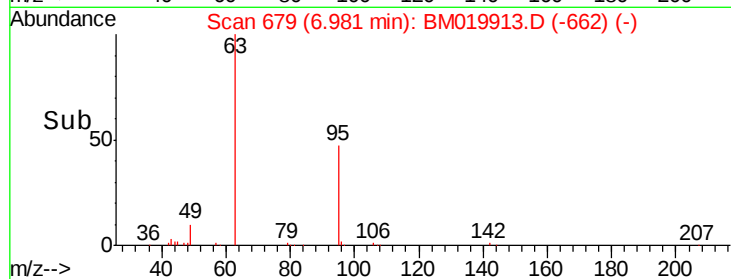
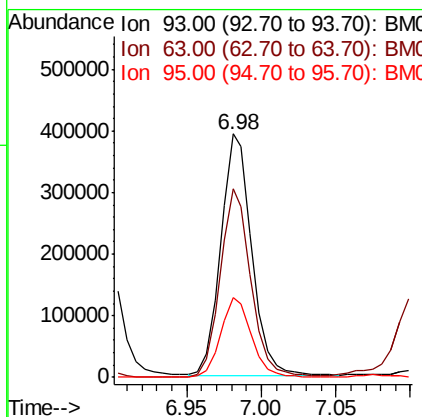
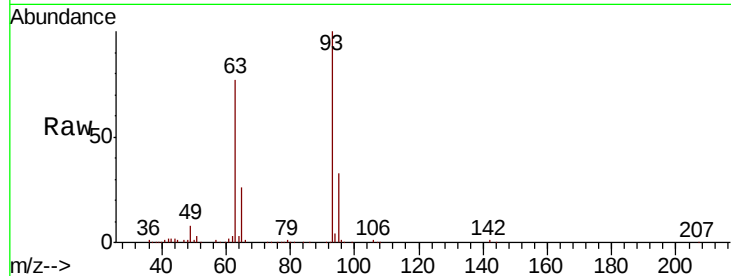




#11
bis(2-Chloroethyl)ether
Concen: 60.747 ng
RT: 6.98 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

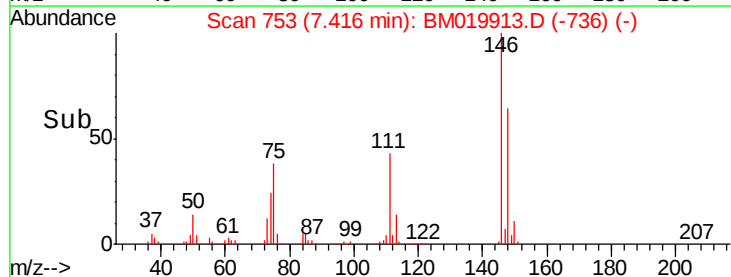
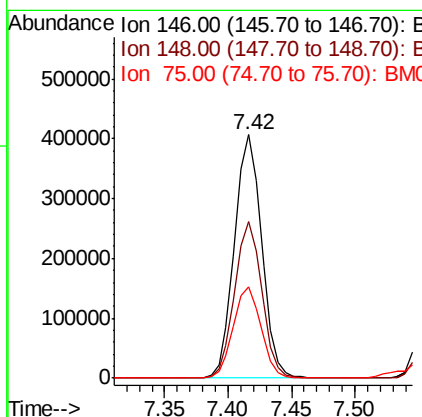
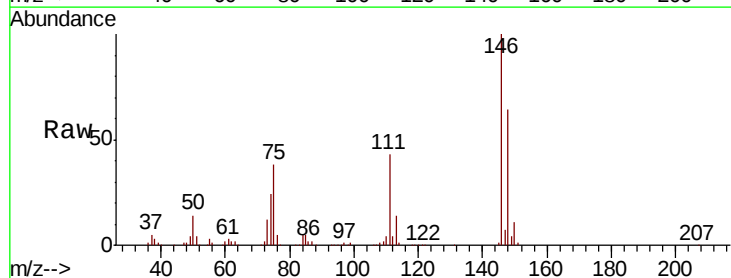
Instrument :
BNA_M
ClientSampled :

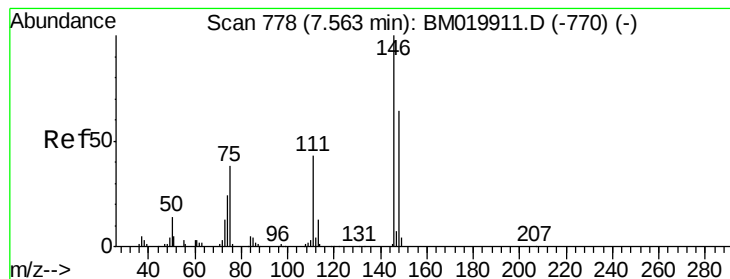
Tot Ion	93	Resp	564417
Ion	Ratio	Lower	Upper
93	100		
63	77.2	55.8	95.8
95	32.9	11.6	51.6



#12
1,3-Dichlorobenzene
Concen: 61.549 ng
RT: 7.42 min Scan# 753
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion	146	Resp	604598
Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.6	78.8
75	37.6	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 61.073 ng

RT: 7.57 min Scan# 779

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampled :

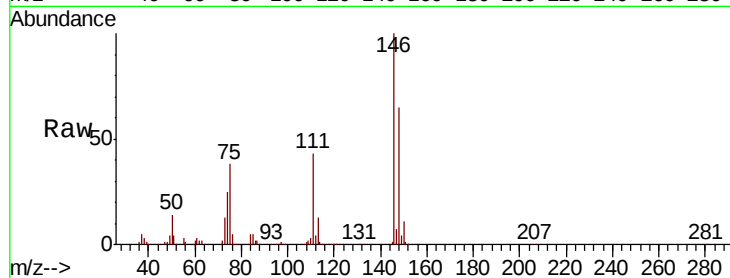
Tot Ion:146 Resp: 611623

Ion Ratio Lower Upper

146 100

148 65.5 51.1 76.7

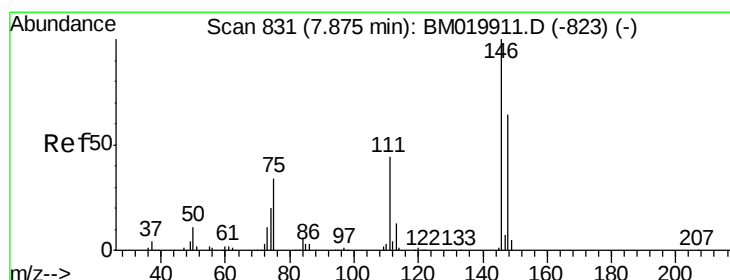
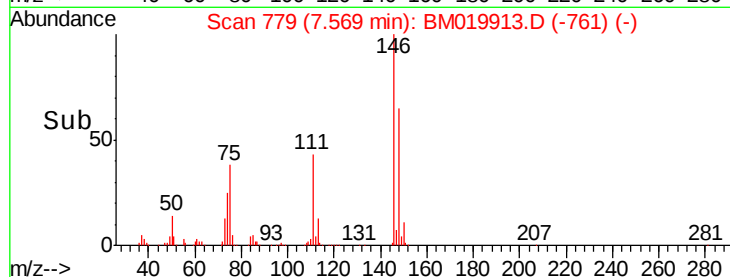
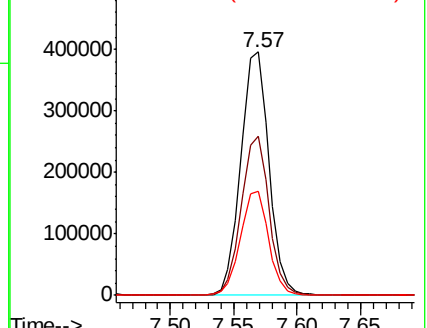
111 42.7 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 62.568 ng

RT: 7.87 min Scan# 831

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

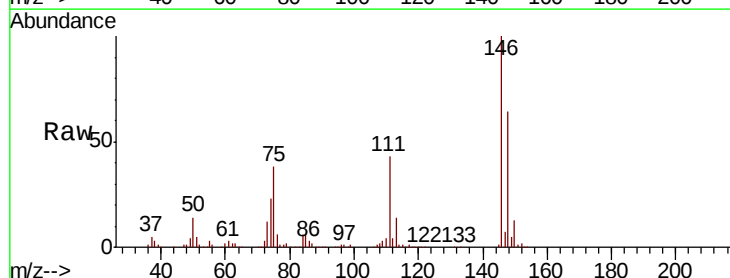
Tgt Ion:146 Resp: 609628

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

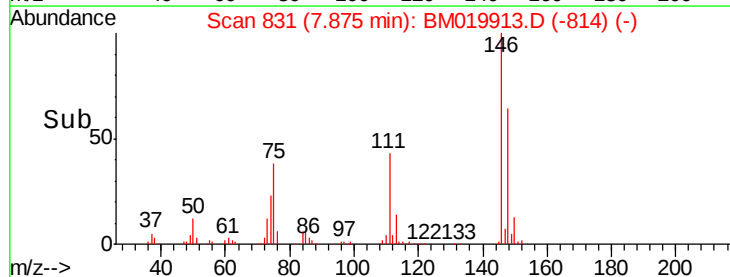
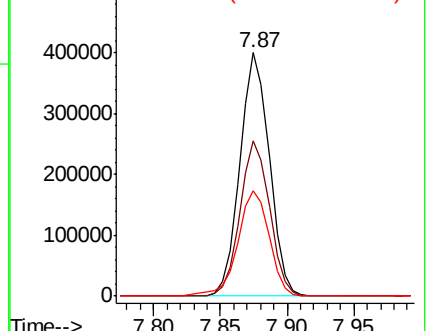
111 43.4 35.4 53.0

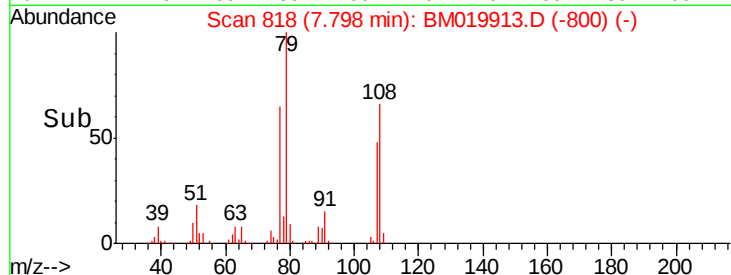
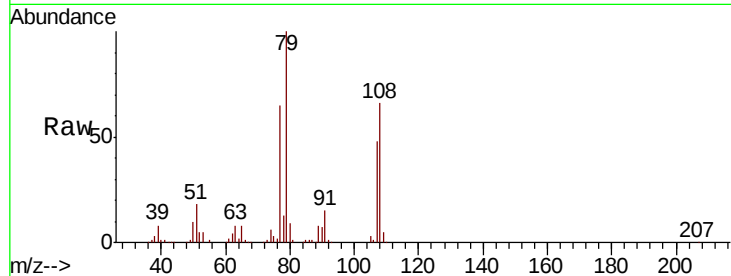
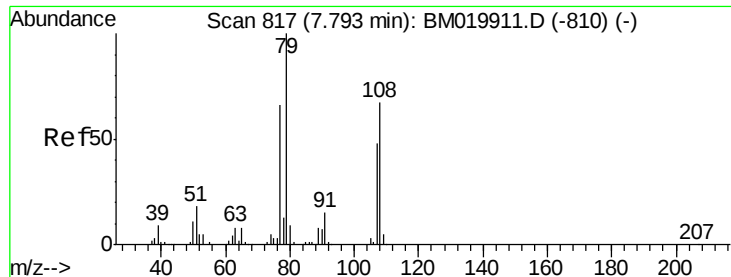


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

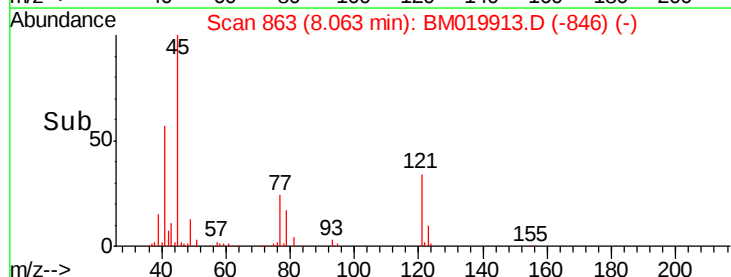
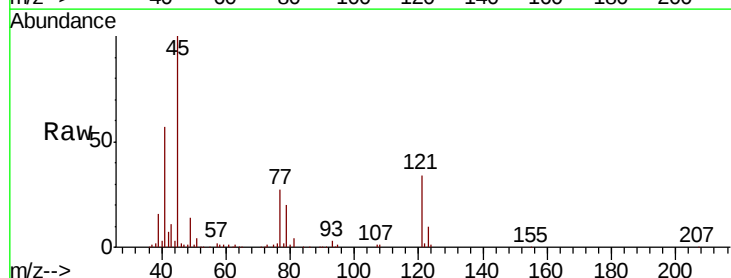
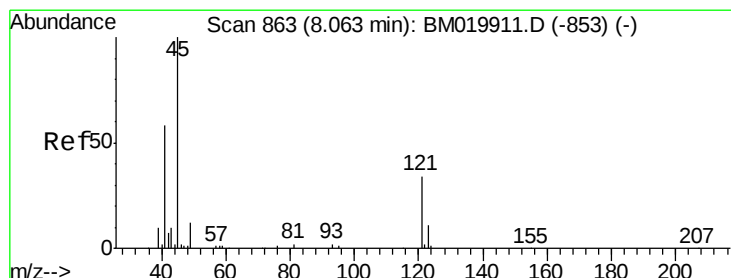
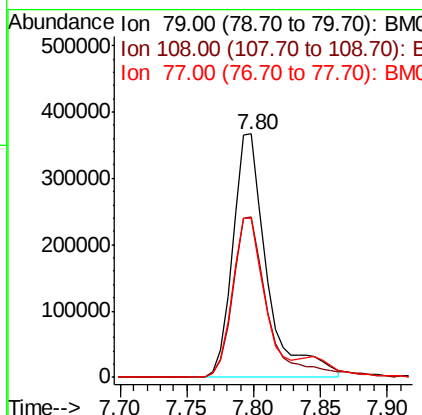




#15
Benzyl Alcohol
Concen: 70.136 ng
RT: 7.80 min Scan# 818
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

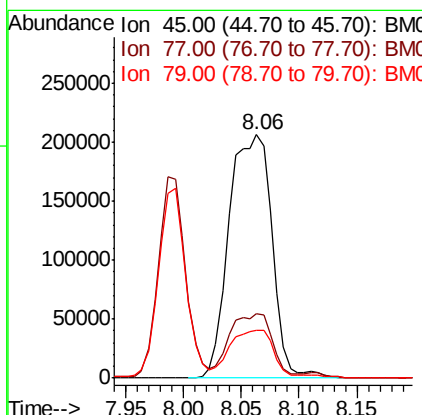
Instrument :
BNA_M
ClientSampleId :

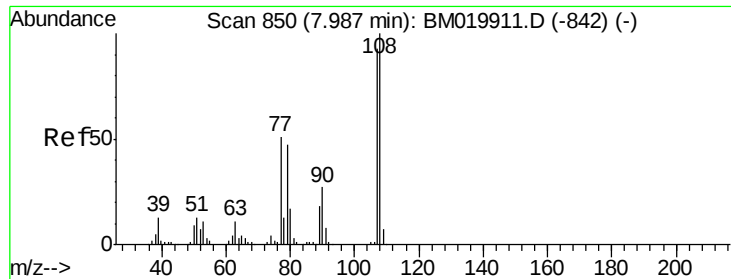
Tot Ion	Ratio	Lower	Upper
79	100		
108	66.0	53.9	80.9
77	65.2	53.1	79.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.755 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.5	7.2	47.2
79	19.7	1.2	41.2

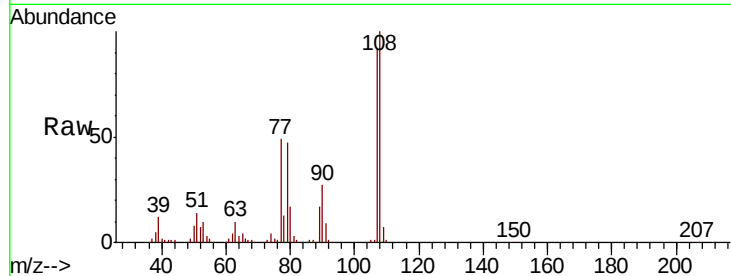




#17
2-Methylphenol
Concen: 64.358 ng
RT: 7.99 min Scan# 851
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	510656
Ion	Ratio	Lower	Upper
107	100		
108	108.9	85.9	128.9
77	53.9	43.8	65.6
79	51.2	41.1	61.7



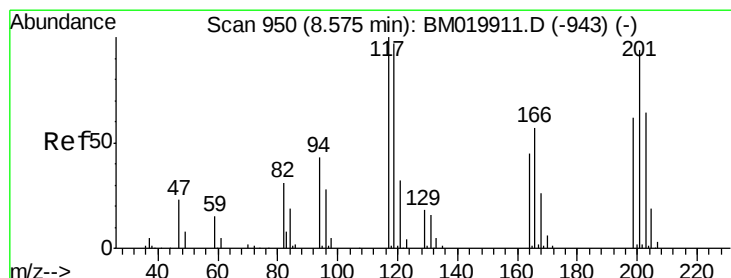
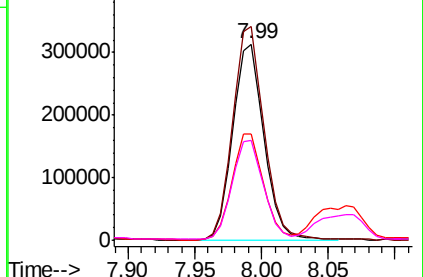
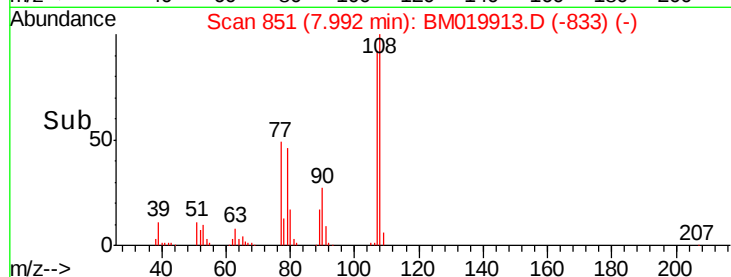
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

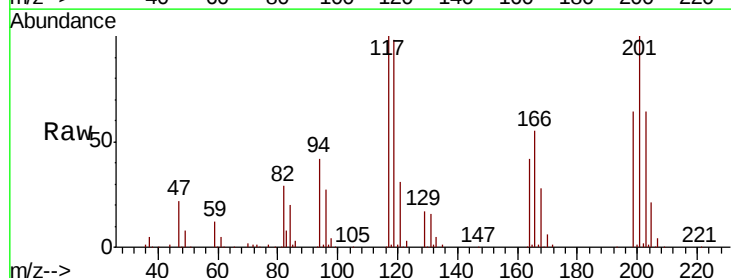
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 64.089 ng
RT: 8.58 min Scan# 951
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:	117	Resp:	238494
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.6	116.4
201	99.8	75.4	113.2

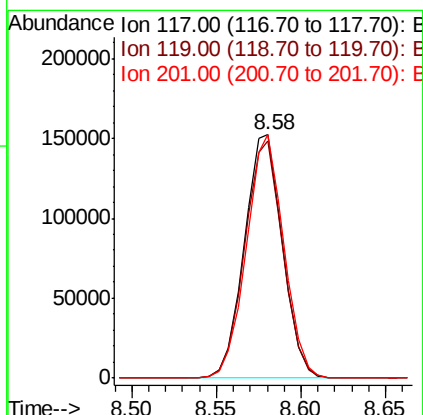
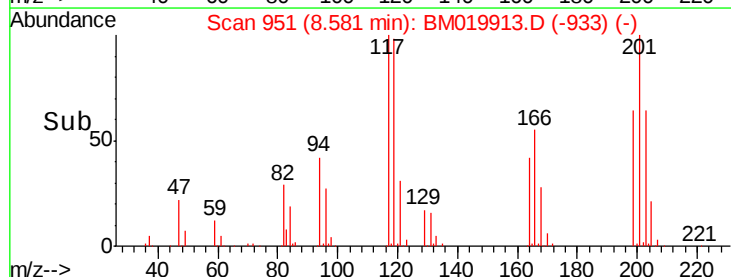


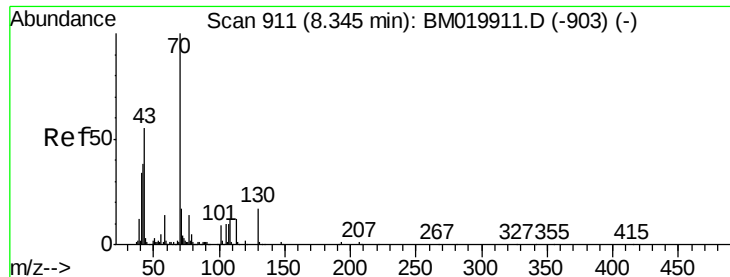
Abundance

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

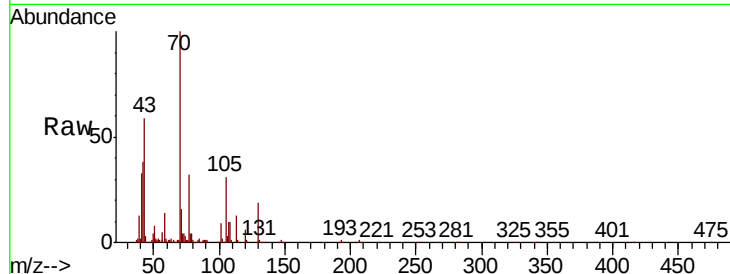




#19
n-Nitroso-di-n-propylamine
Concen: 66.337 ng
RT: 8.35 min Scan# 912
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	614886
Ion	Ratio	Lower	Upper
70	100		
42	38.3	30.3	45.5
101	8.8	6.9	10.3
130	18.7	13.8	20.6

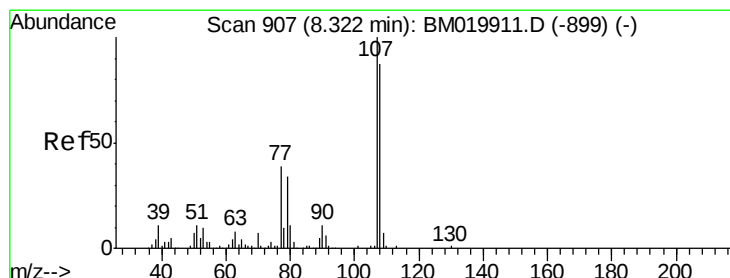
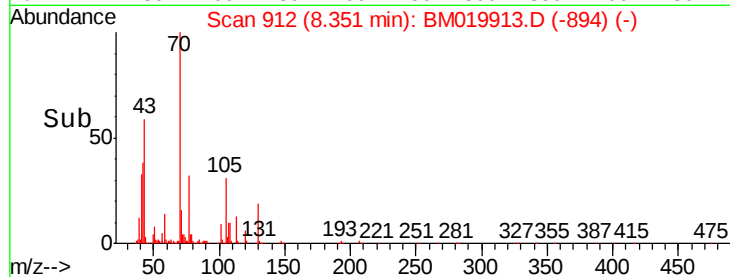
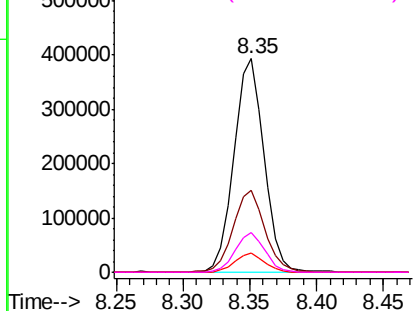


Abundance Ion 70.00 (69.70 to 70.70): BM019913.D (-894) (-)

Ion 42.00 (41.70 to 42.70): BM019913.D (-894) (-)

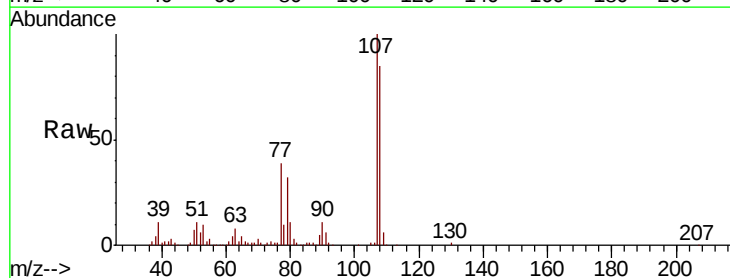
Ion 101.00 (100.70 to 101.70): BM019913.D (-894) (-)

Ion 130.00 (129.70 to 130.70): BM019913.D (-894) (-)



#20
3+4-Methylphenols
Concen: 66.081 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:	107	Resp:	711720
Ion	Ratio	Lower	Upper
107	100		
108	85.4	67.4	107.4
77	38.9	19.7	59.7
79	32.2	14.1	54.1

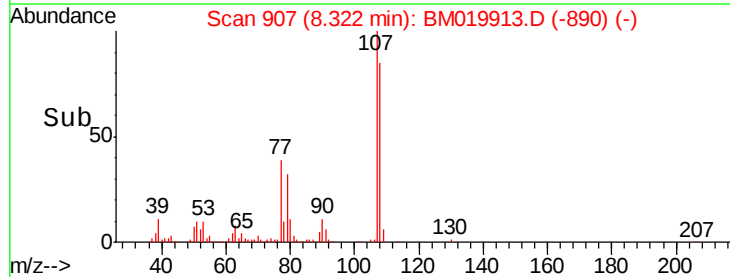
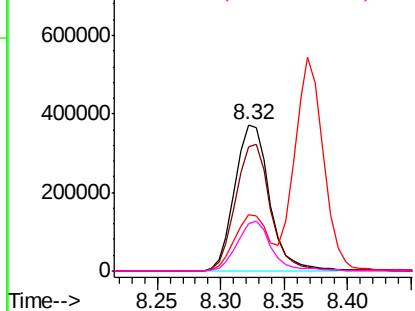


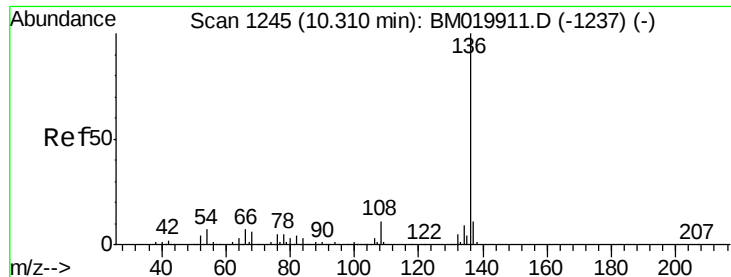
Abundance Ion 107.00 (106.70 to 107.70): BM019913.D (-890) (-)

Ion 108.00 (107.70 to 108.70): BM019913.D (-890) (-)

Ion 77.00 (76.70 to 77.70): BM019913.D (-890) (-)

Ion 79.00 (78.70 to 79.70): BM019913.D (-890) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 592224

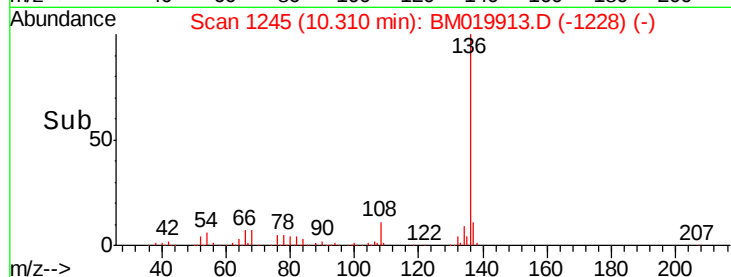
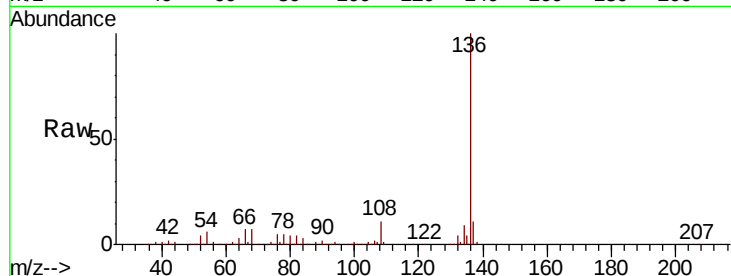
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 6.4 5.3 7.9

68 6.6 5.2 7.8

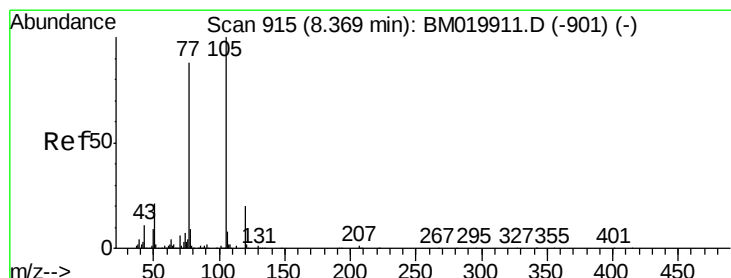
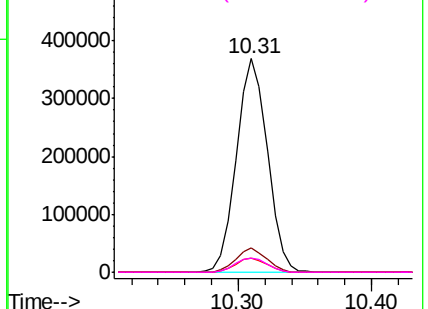


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.957 ng

RT: 8.37 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Tgt Ion:105 Resp: 981296

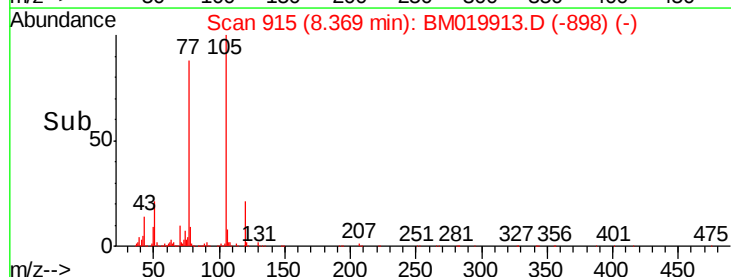
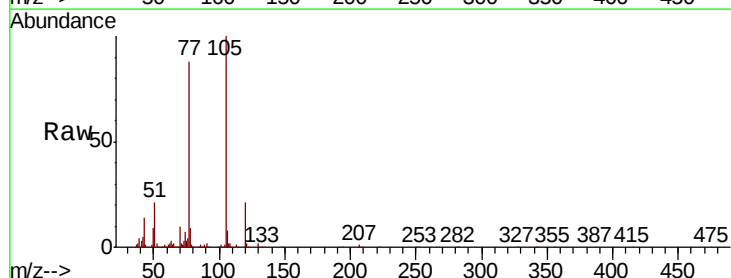
Ion Ratio Lower Upper

105 100

71 1.7 0.8 1.2#

51 21.3 16.9 25.3

120 21.4 16.4 24.6

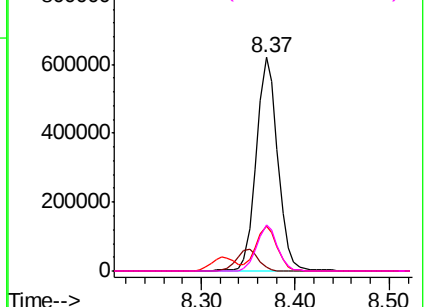


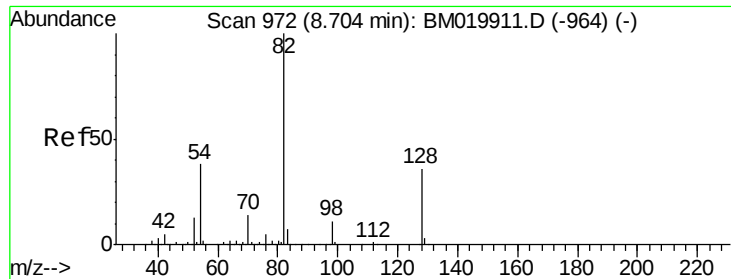
Abundance Ion 105.00 (104.70 to 105.70): E

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

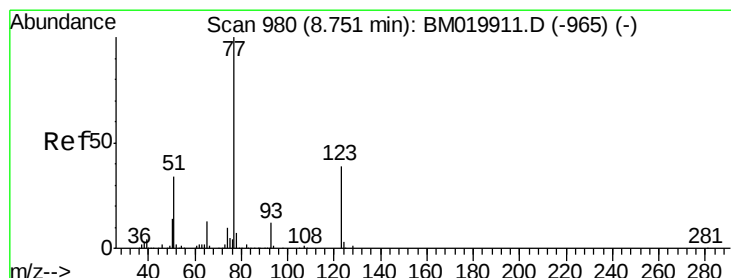
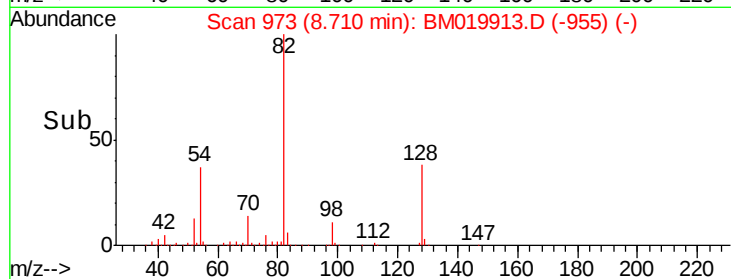
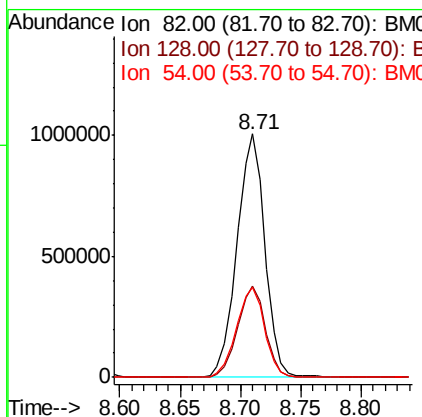
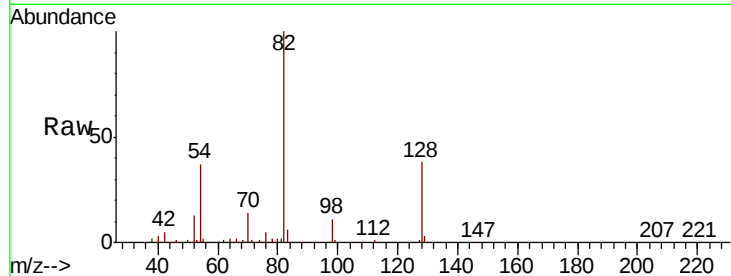




#23
 Nitrobenzene-d5
 Concen: 129.571 ng
 RT: 8.71 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

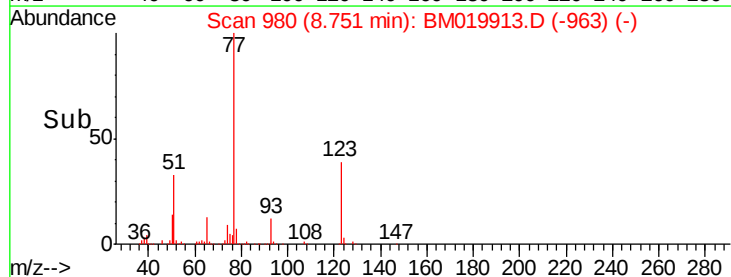
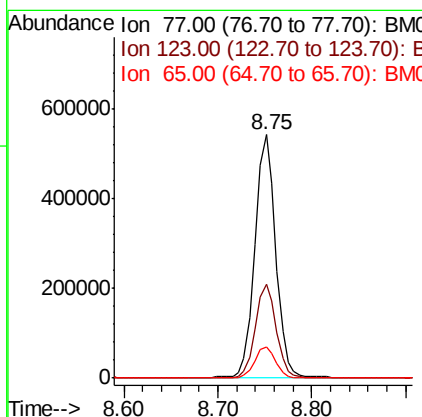
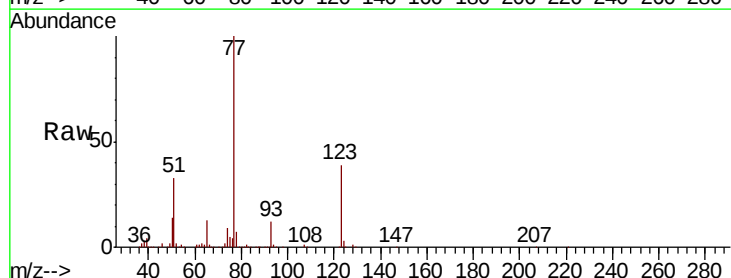
Instrument :
 BNA_M
 ClientSampleId :

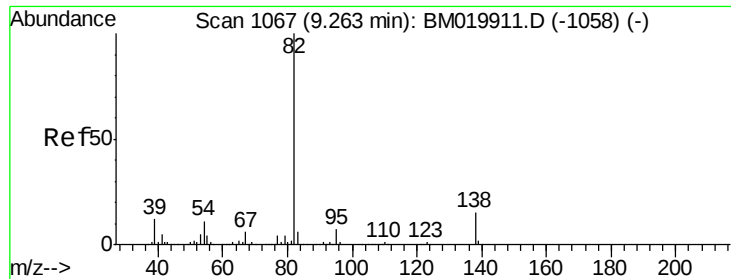
Tot Ion: 82 Resp: 1623333
 Ion Ratio Lower Upper
 82 100
 128 37.6 29.0 43.4
 54 37.2 30.2 45.4



#24
 Nitrobenzene
 Concen: 64.286 ng
 RT: 8.75 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

Tgt Ion: 77 Resp: 837631
 Ion Ratio Lower Upper
 77 100
 123 38.5 31.0 46.4
 65 13.0 10.6 16.0

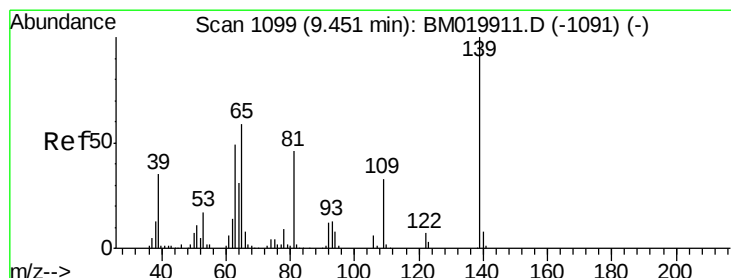
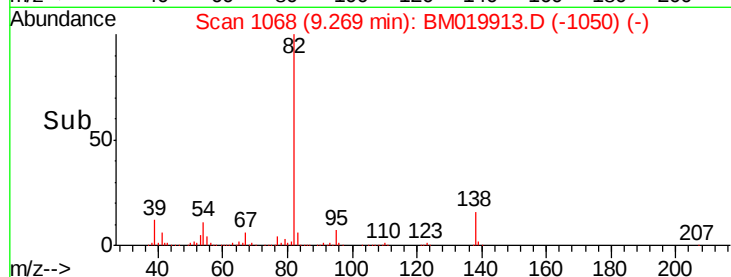
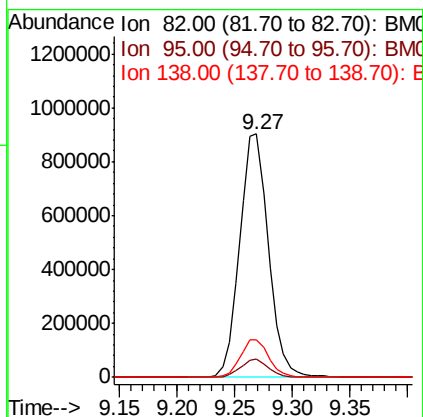
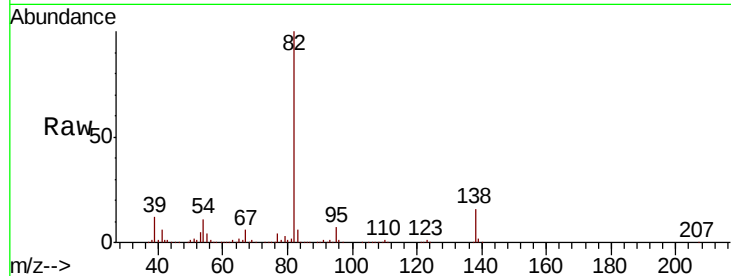




#25
Isophorone
Concen: 65.443 ng
RT: 9.27 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

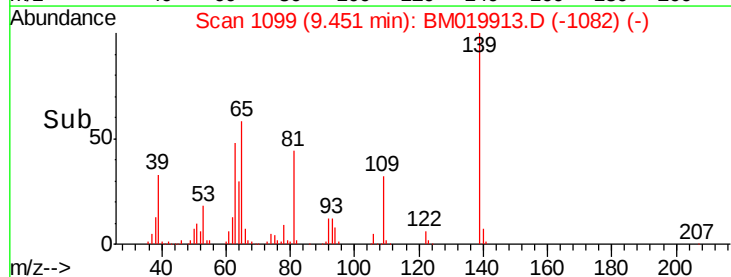
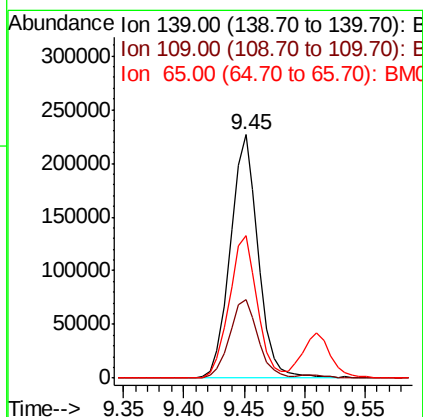
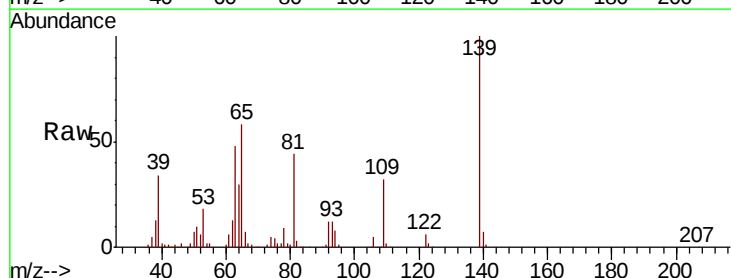
Instrument :
BNA_M
ClientSampleId :

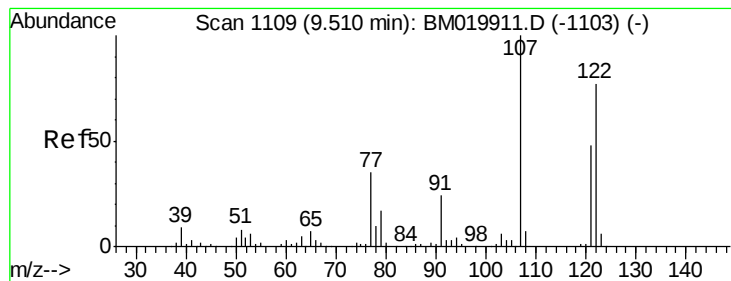
Tot Ion: 82 Resp: 1564494
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 15.6 12.2 18.2



#26
2-Nitrophenol
Concen: 67.427 ng
RT: 9.45 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion: 139 Resp: 364170
Ion Ratio Lower Upper
139 100
109 32.0 26.3 39.5
65 58.3 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 62.933 ng

RT: 9.51 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampled :

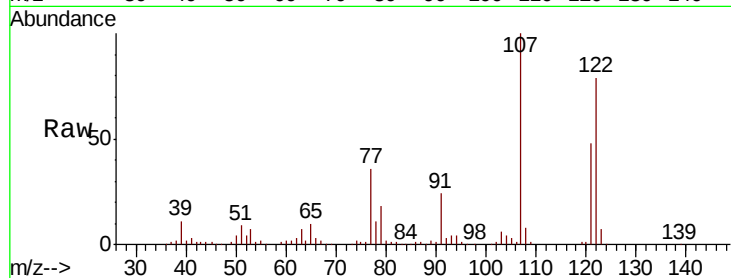
Tot Ion:122 Resp: 505312

Ion Ratio Lower Upper

122 100

107 126.2 103.1 154.7

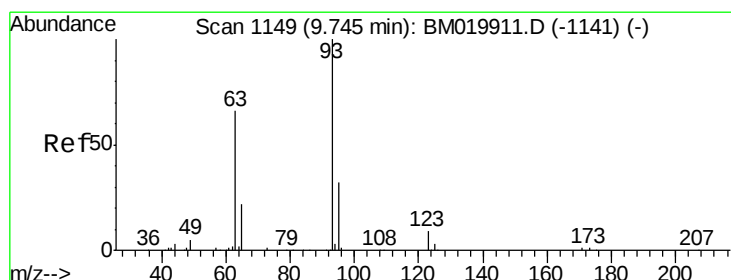
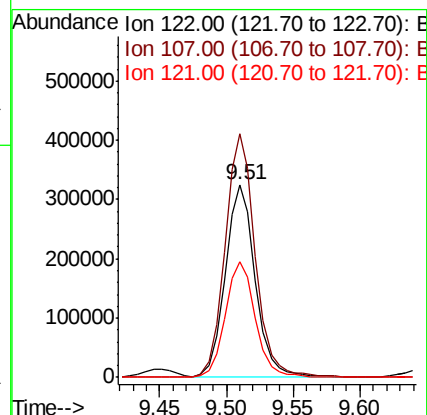
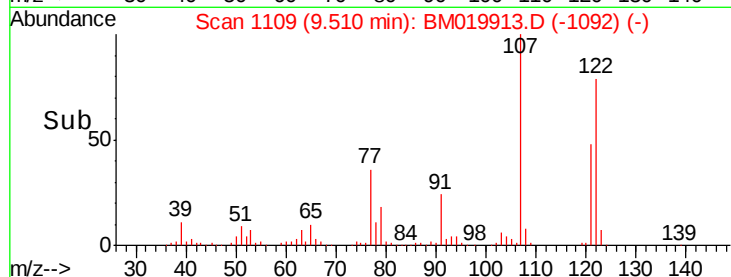
121 60.2 49.8 74.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 62.395 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

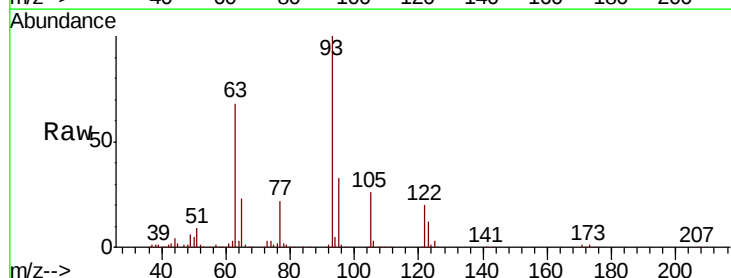
Tgt Ion: 93 Resp: 883232

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

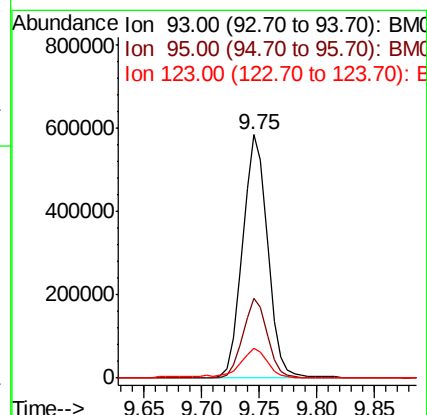
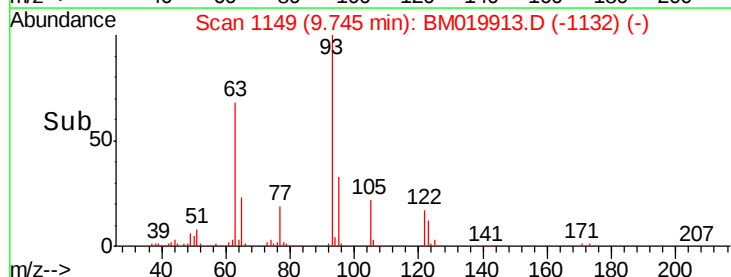
123 12.3 8.2 12.2#

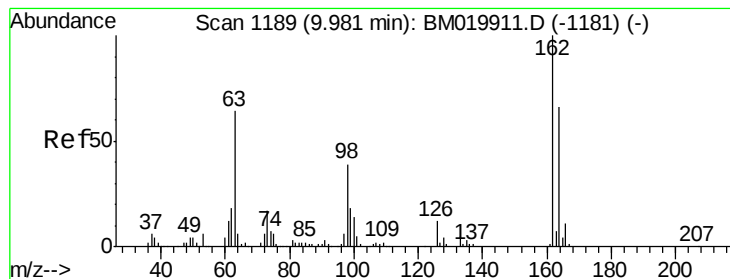


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 65.279 ng

RT: 9.98 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampleId :

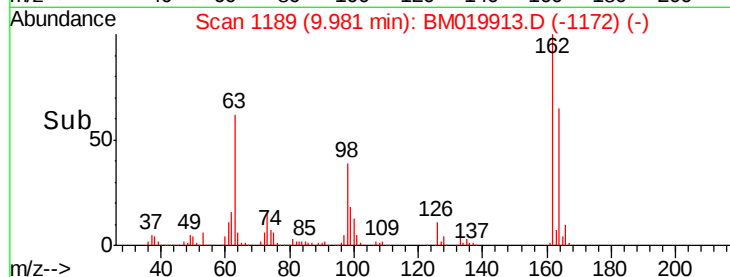
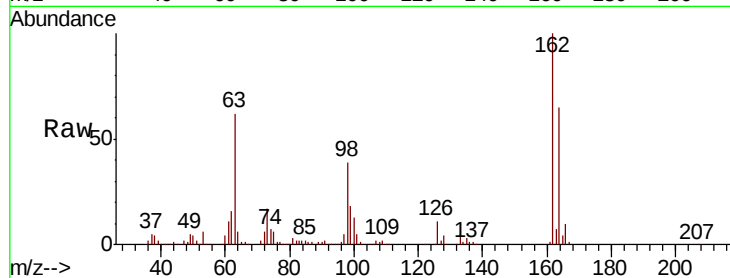
Tot Ion:162 Resp: 580508

Ion Ratio Lower Upper

162 100

164 64.8 46.3 86.3

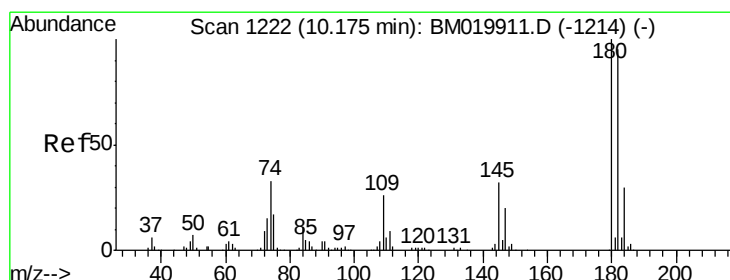
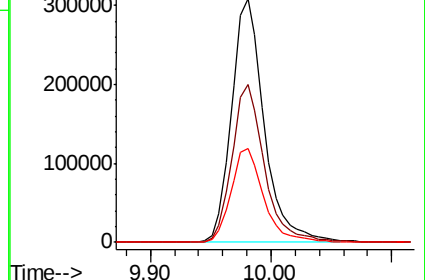
98 38.6 19.2 59.2



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): E



#30

1,2,4-Trichlorobenzene

Concen: 60.851 ng

RT: 10.17 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

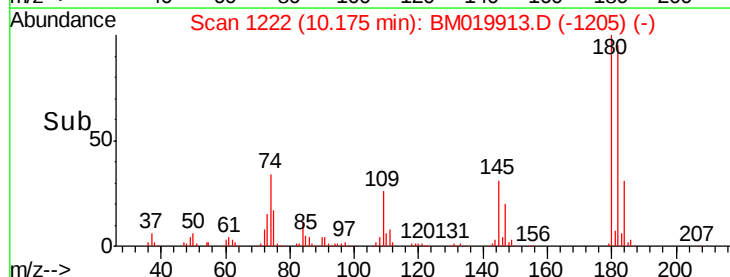
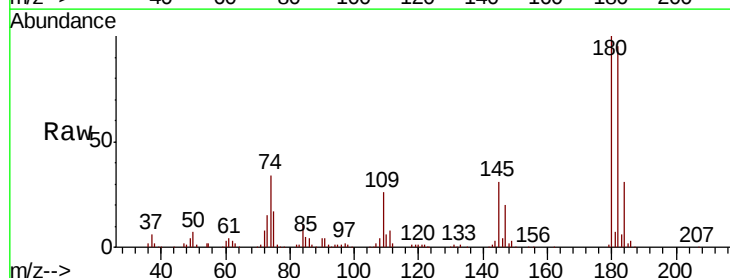
Tgt Ion:180 Resp: 610171

Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

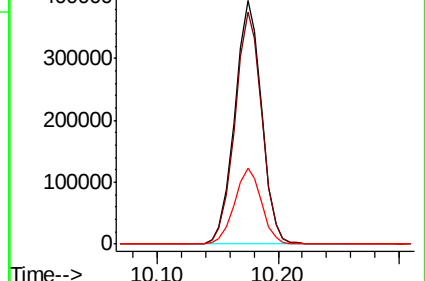
145 31.1 25.5 38.3

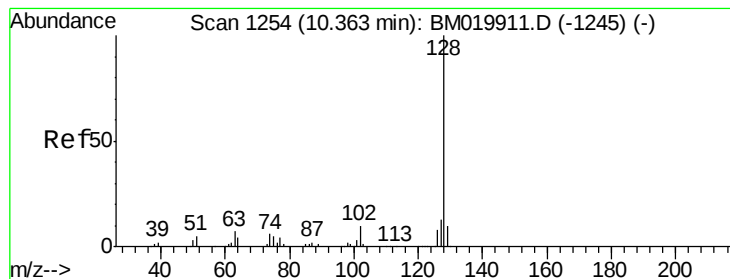


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

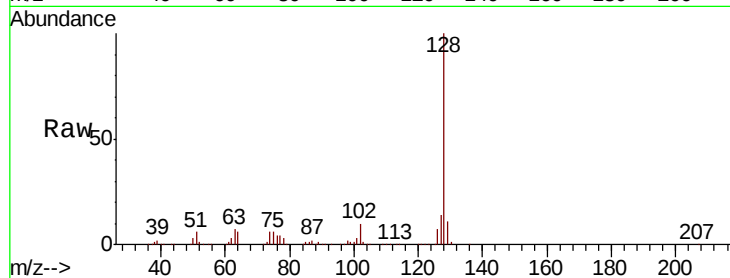




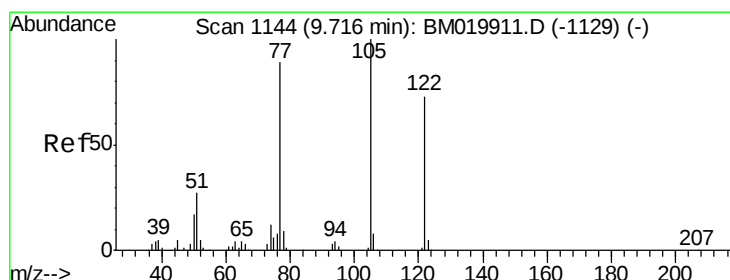
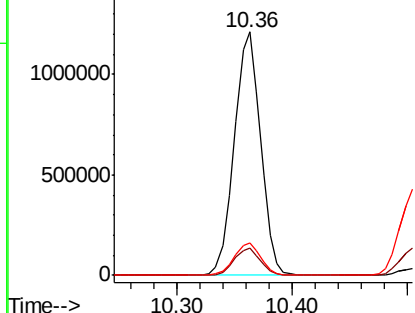
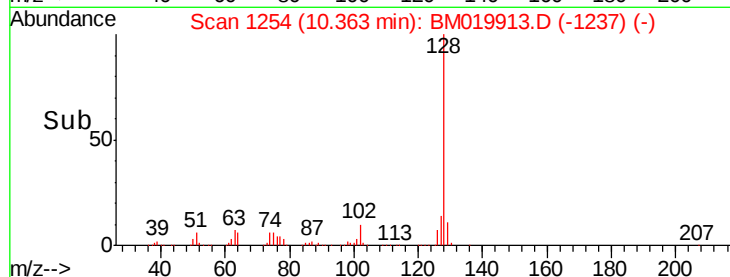
#31
Naphthalene
Concen: 61.126 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 1908019
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.5 10.4 15.6

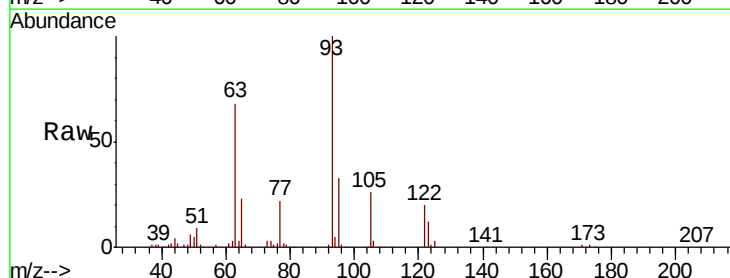


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

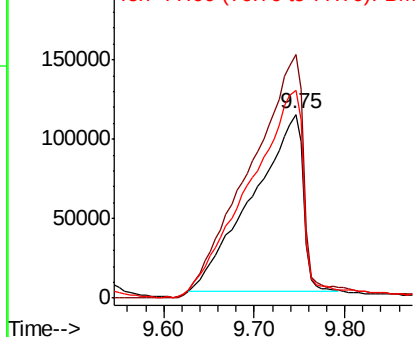
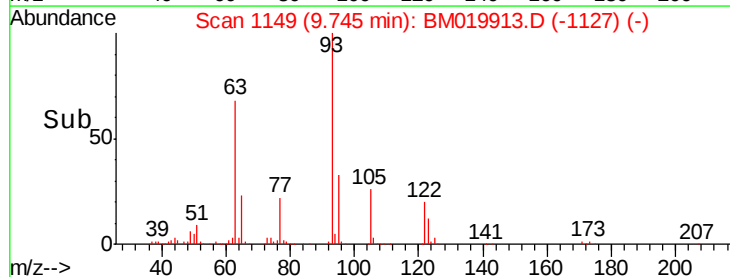


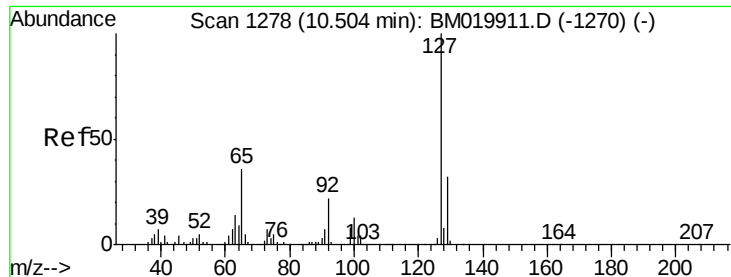
#32
Benzoic acid
Concen: 62.878 ng
RT: 9.75 min Scan# 1149
Delta R.T. 0.03 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:122 Resp: 427578
Ion Ratio Lower Upper
122 100
105 132.6 114.8 154.8
77 113.1 100.2 140.2



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

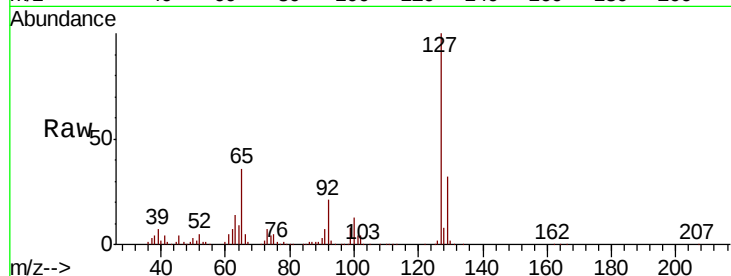




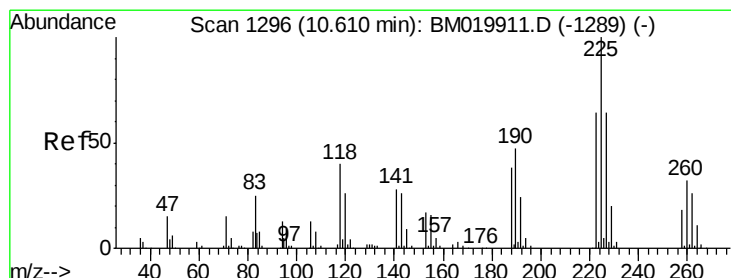
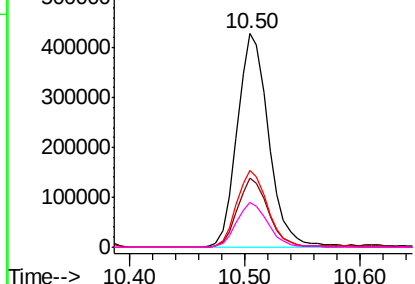
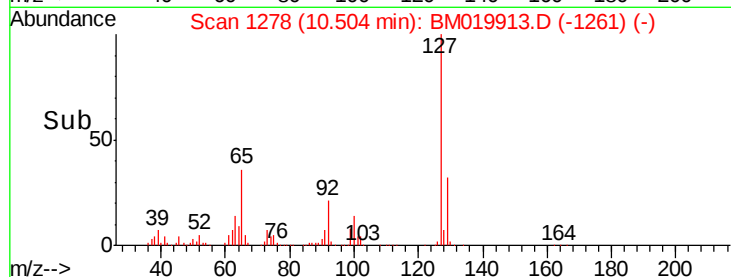
#33
4-Chloroaniline
Concen: 63.396 ng
RT: 10.50 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	811194
Ion	Ratio	Lower Upper
127	100	
129	32.1	25.4 38.0
65	35.9	29.2 43.8
92	21.3	17.5 26.3

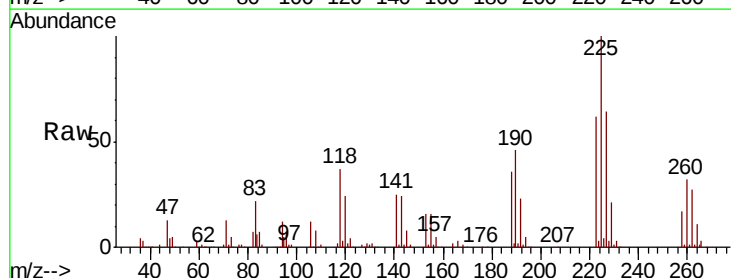


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

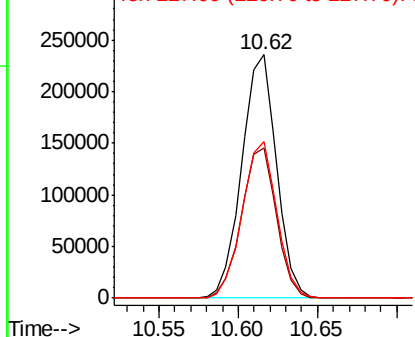
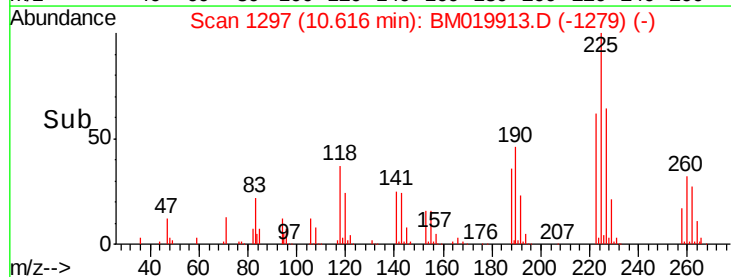


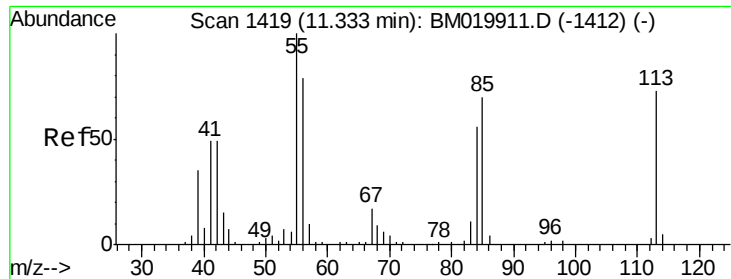
#34
Hexachlorobutadiene
Concen: 62.347 ng
RT: 10.62 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:225	Resp:	358766
Ion	Ratio	Lower Upper
225	100	
223	61.9	51.4 77.2
227	64.1	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: 58.657 ng

RT: 11.35 min Scan# 1422

Delta R.T. 0.02 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampled :

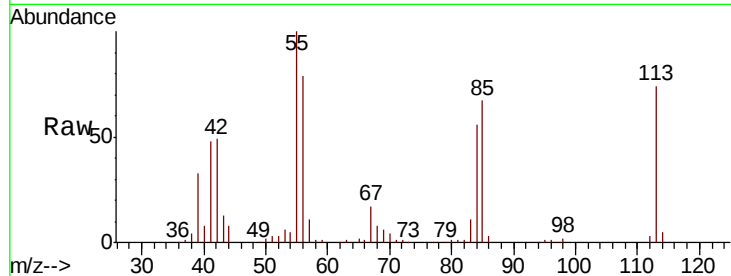
Tot Ion:113 Resp: 185812

Ion Ratio Lower Upper

113 100

55 134.3 117.1 157.1

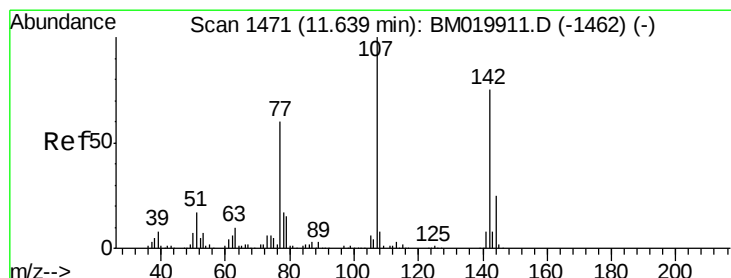
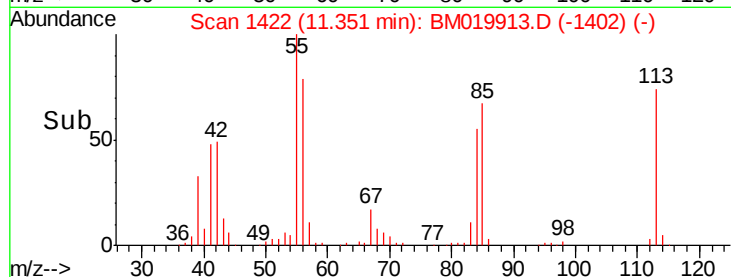
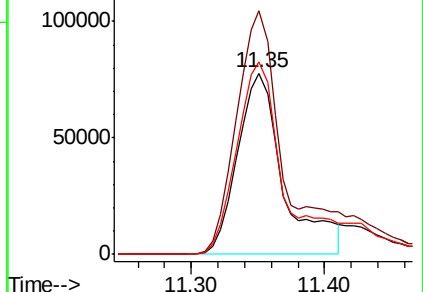
56 106.3 88.2 128.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 64.835 ng

RT: 11.64 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

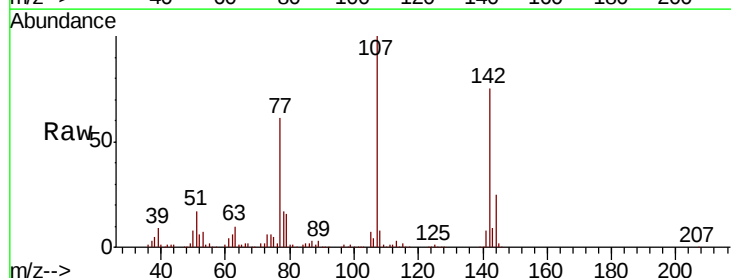
Tgt Ion:107 Resp: 711412

Ion Ratio Lower Upper

107 100

144 24.9 19.8 29.8

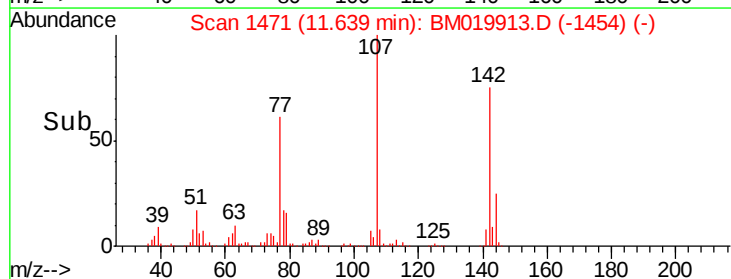
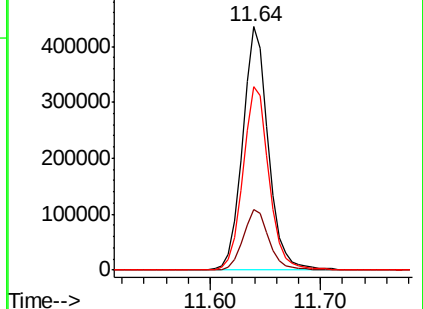
142 75.4 60.3 90.5

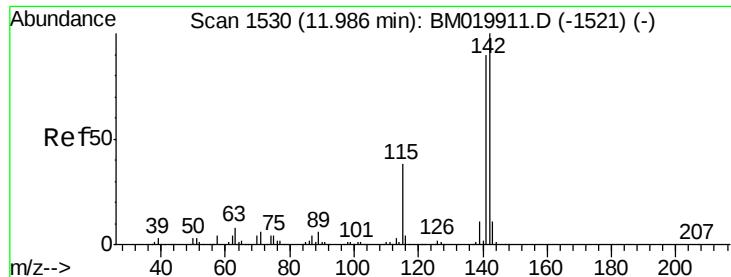


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

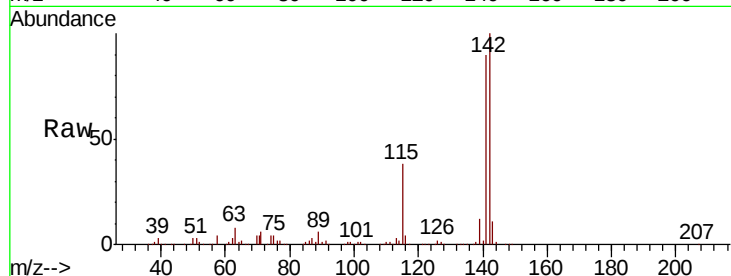




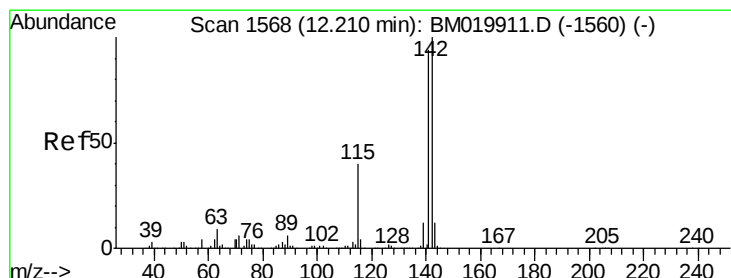
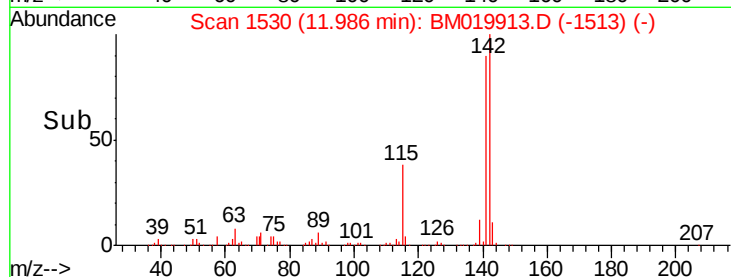
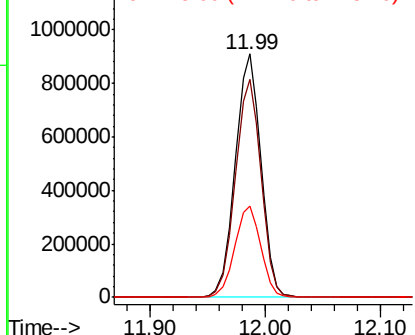
#37
2-Methylnaphthalene
Concen: 61.696 ng
RT: 11.99 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 1399433
Ion Ratio Lower Upper
142 100
141 89.5 72.3 108.5
115 37.6 30.5 45.7

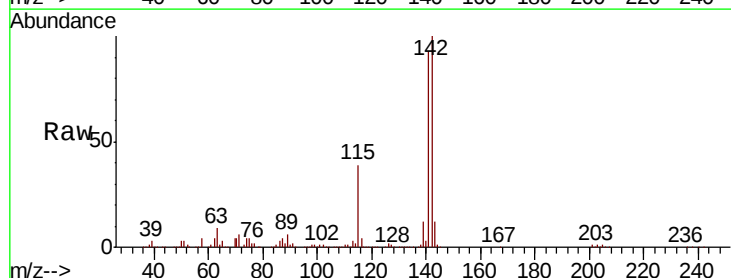


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

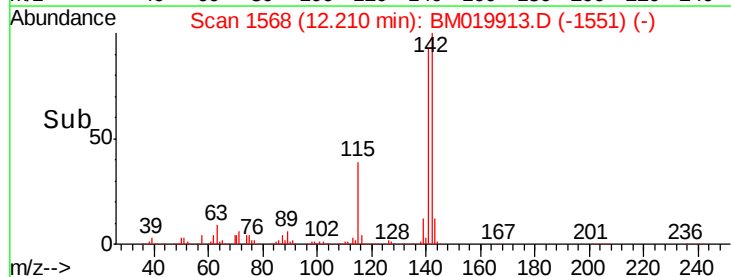
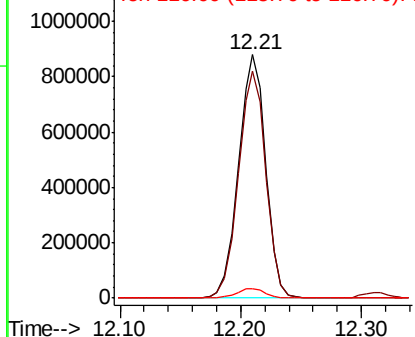


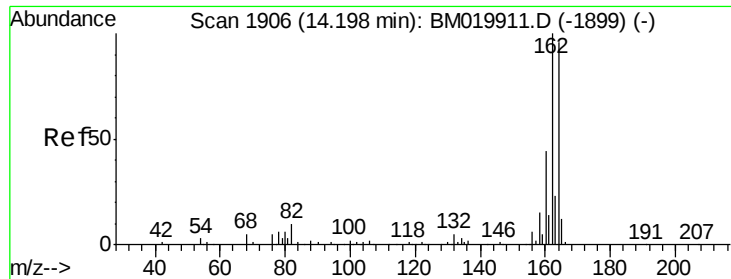
#38
1-Methylnaphthalene
Concen: 61.460 ng
RT: 12.21 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:142 Resp: 1374103
Ion Ratio Lower Upper
142 100
141 93.4 75.7 113.5
116 4.1 3.4 5.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

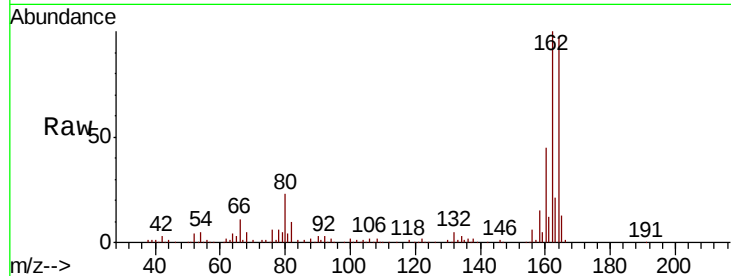
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 356618

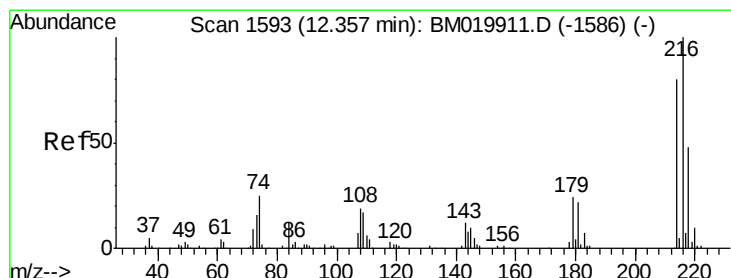
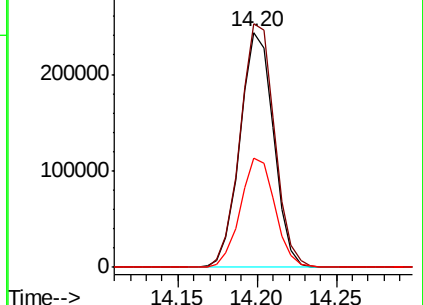
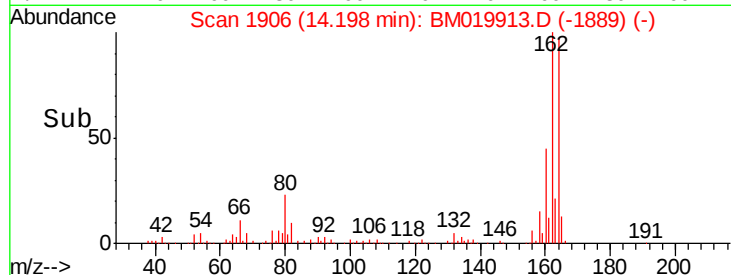
Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.0	124.4
160	46.3	36.6	55.0



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: 59.436 ng

RT: 12.36 min Scan# 1594

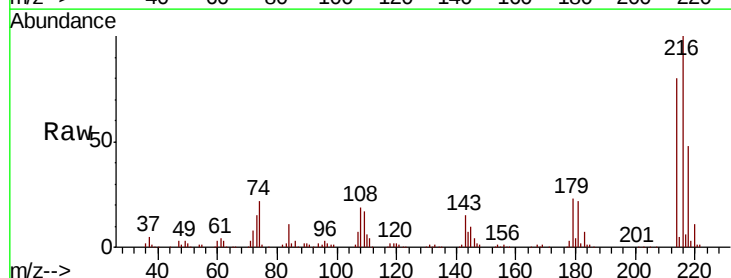
Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Tgt Ion:216 Resp: 670485

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.1	94.7
179	23.6	19.0	28.6
108	19.7	16.3	24.5

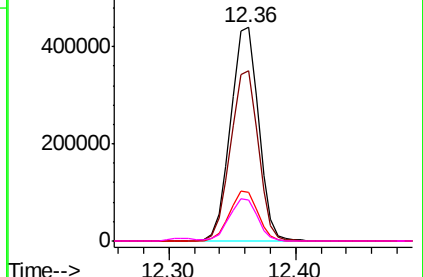
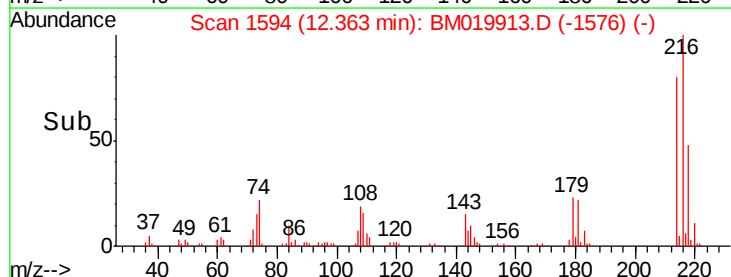


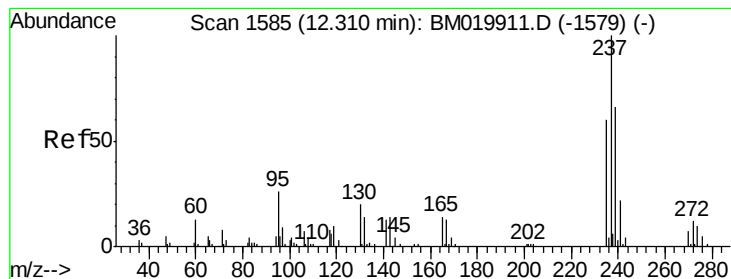
Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.649 ng

RT: 12.31 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampleId :

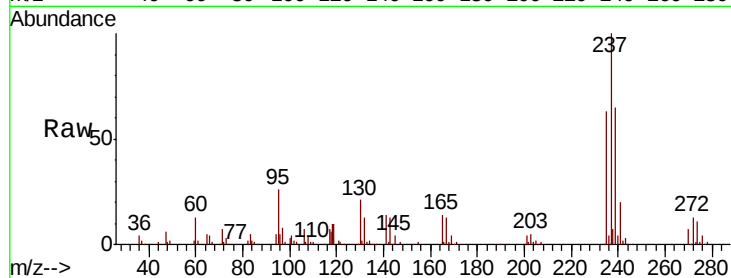
Tot Ion:237 Resp: 217925

Ion Ratio Lower Upper

237 100

235 62.8 40.4 80.4

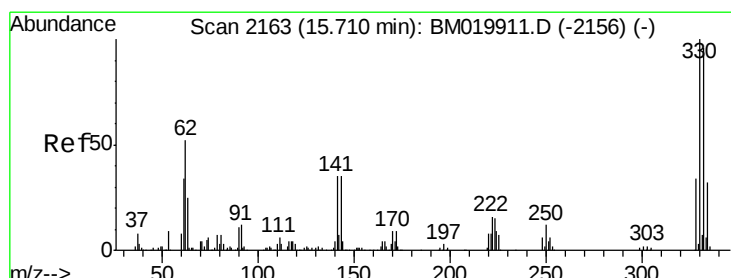
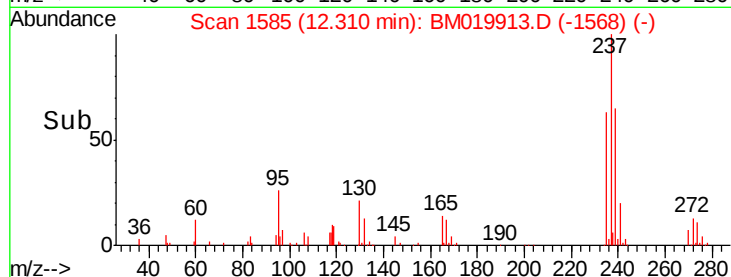
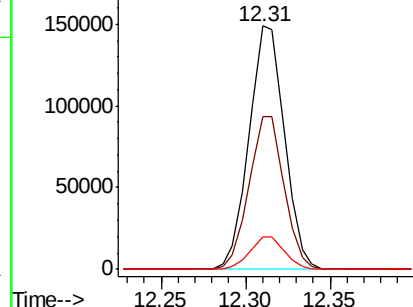
272 13.4 0.0 32.3



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: 135.029 ng

RT: 15.72 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

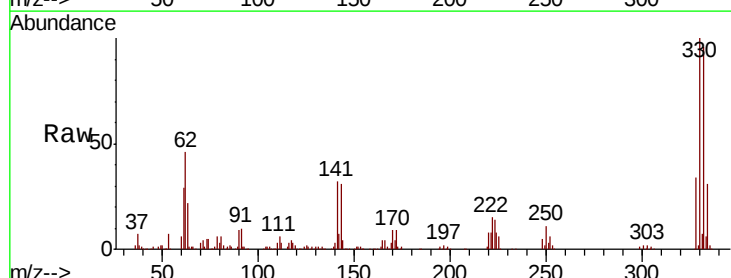
Tgt Ion:330 Resp: 710973

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

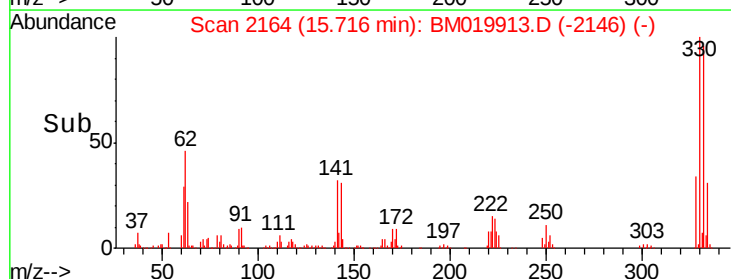
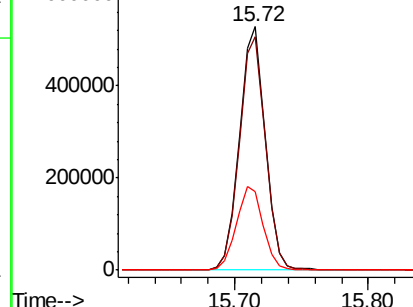
141 35.5 29.0 43.4

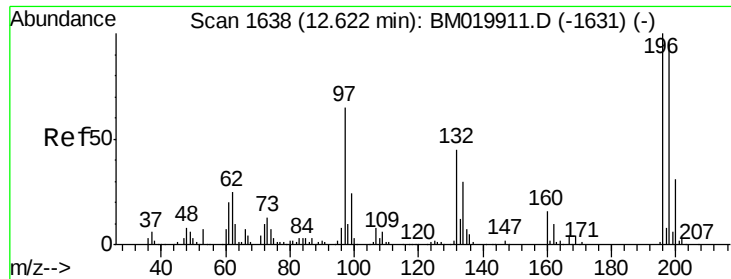


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

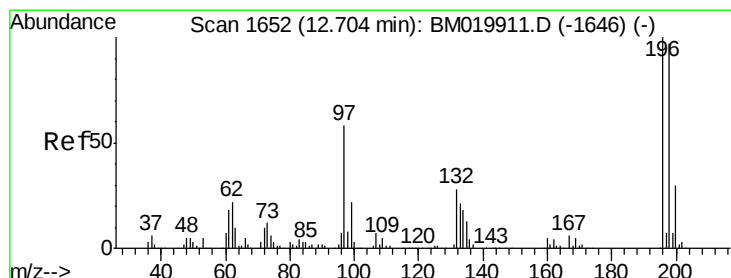
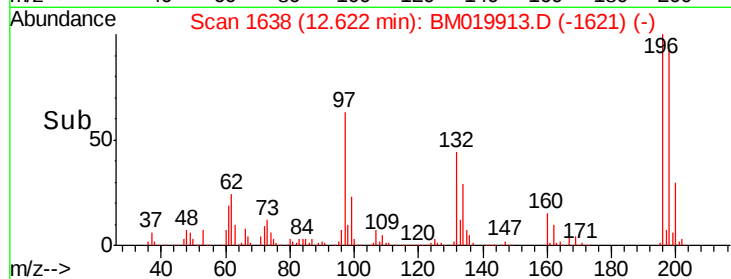
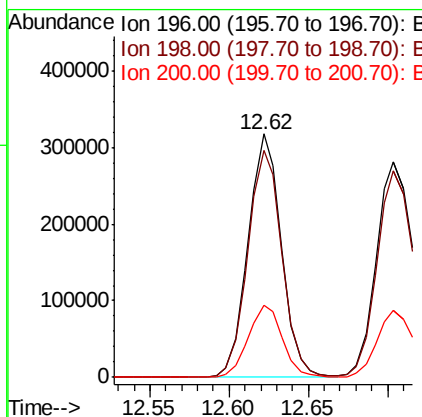
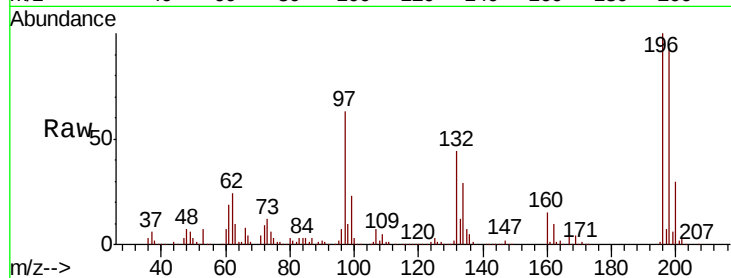




#43
 2,4,6-Trichlorophenol
 Concen: 63.943 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

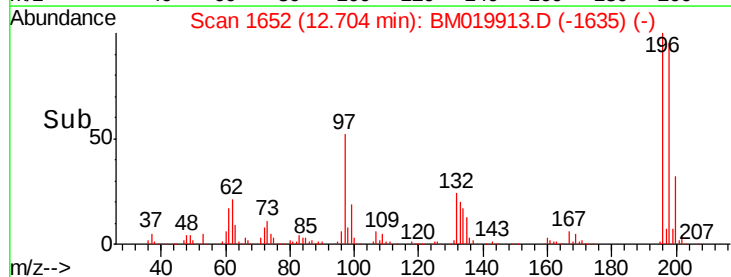
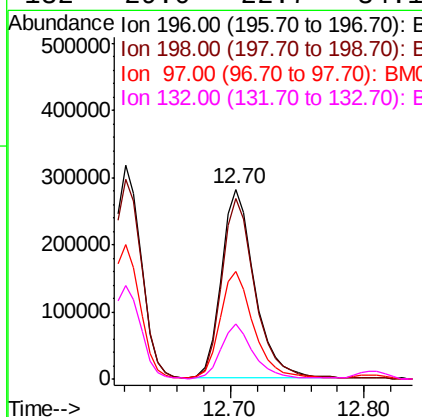
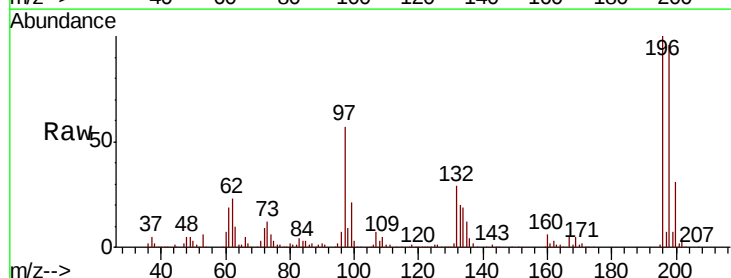
Instrument :
 BNA_M
 ClientSampled :

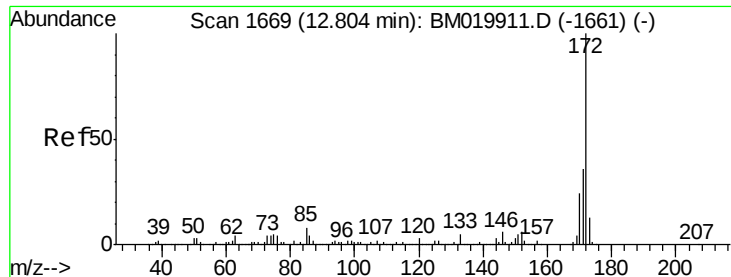
Tot Ion:196 Resp: 466148
 Ion Ratio Lower Upper
 196 100
 198 93.2 76.8 115.2
 200 29.7 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 62.602 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

Tgt Ion:196 Resp: 488019
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.8 116.8
 97 56.9 46.2 69.2
 132 29.0 22.7 34.1

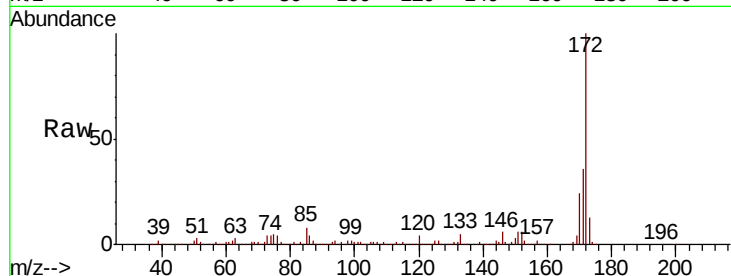




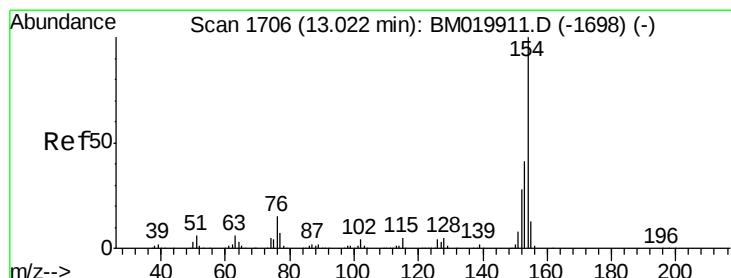
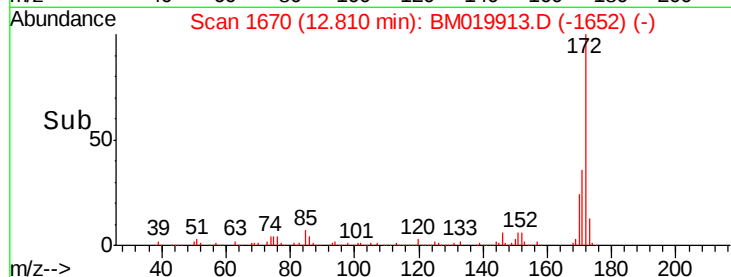
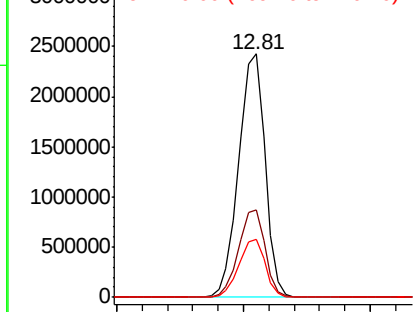
#45
2-Fluorobiphenyl
Concen: 127.750 ng
RT: 12.81 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 3502401
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 24.0 19.0 28.4

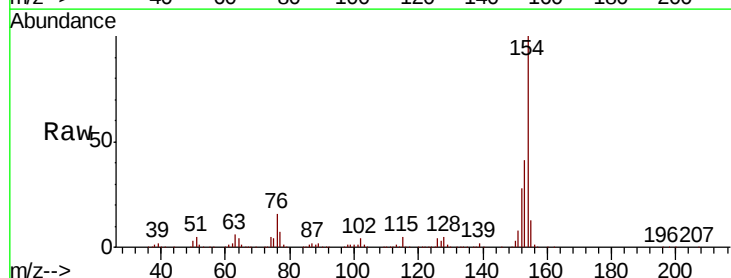


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

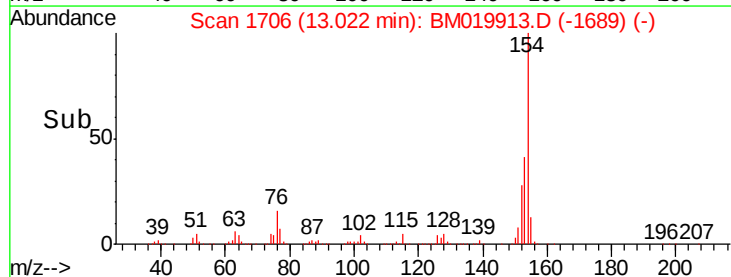
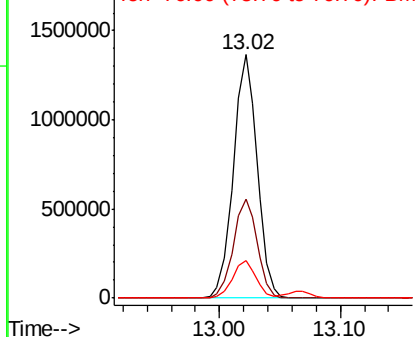


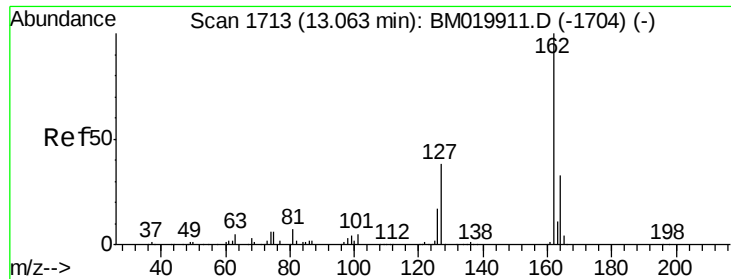
#46
1,1'-Biphenyl
Concen: 60.243 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:154 Resp: 1876214
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 15.5 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

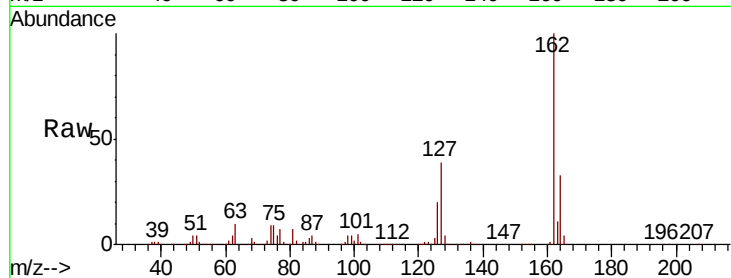




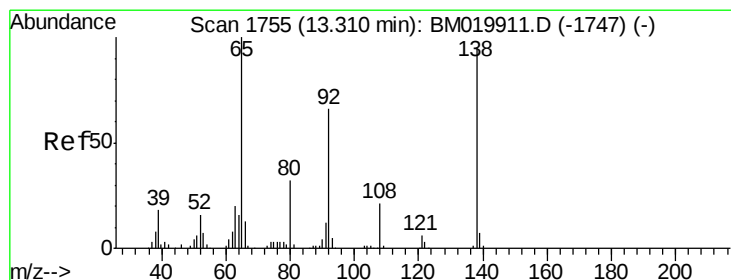
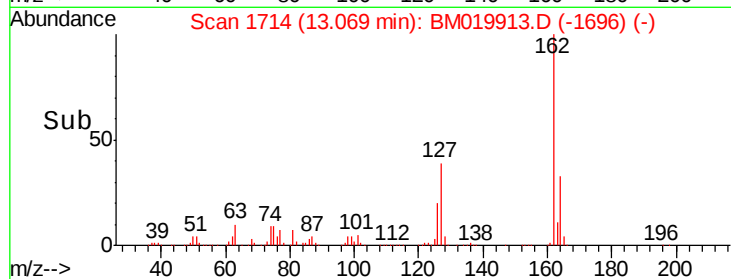
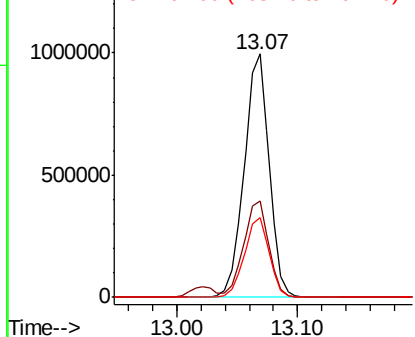
#47
2-Chloronaphthalene
Concen: 61.740 ng
RT: 13.07 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1435251
Ion Ratio Lower Upper
162 100
127 39.4 32.3 48.5
164 32.7 26.3 39.5

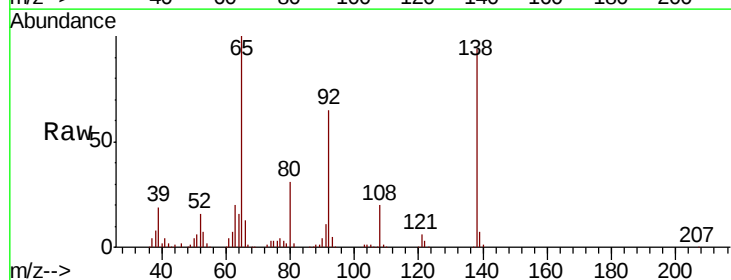


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

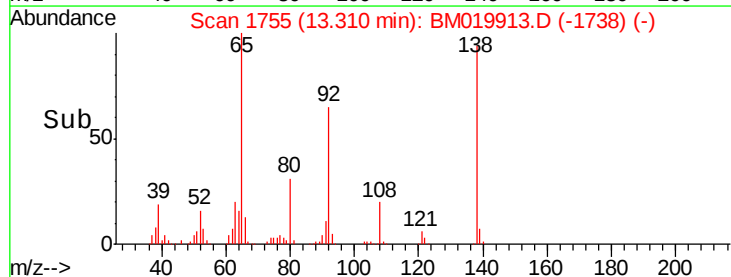
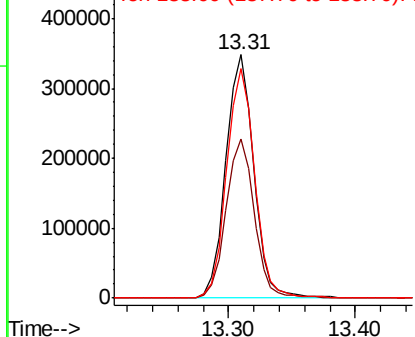


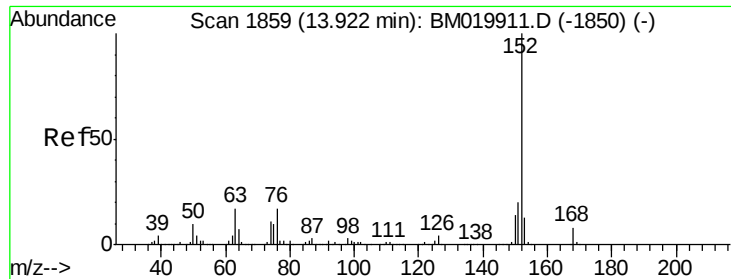
#48
2-Nitroaniline
Concen: 68.171 ng
RT: 13.31 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion: 65 Resp: 531481
Ion Ratio Lower Upper
65 100
92 65.3 52.9 79.3
138 94.1 75.8 113.6



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 64.011 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampleId :

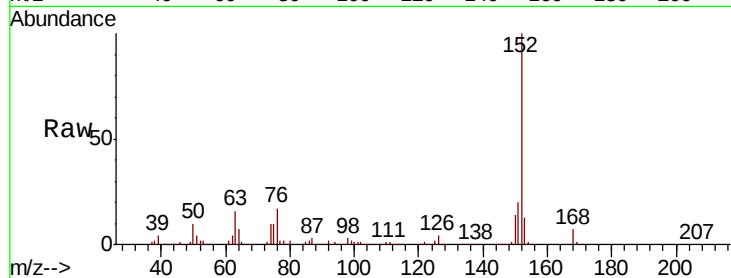
Tot Ion:152 Resp: 2516080

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.1	10.6	16.0

152 100

151 19.8 16.2 24.2

153 13.1 10.6 16.0

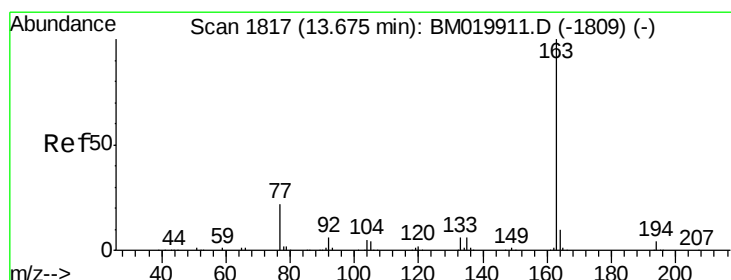
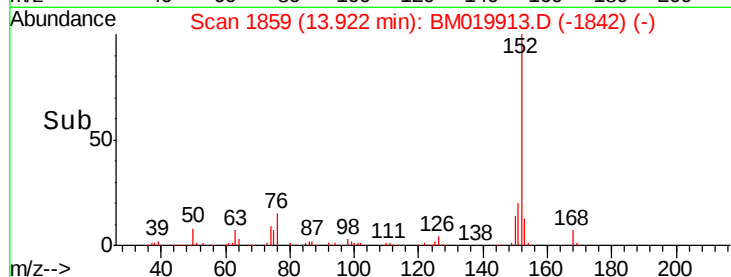
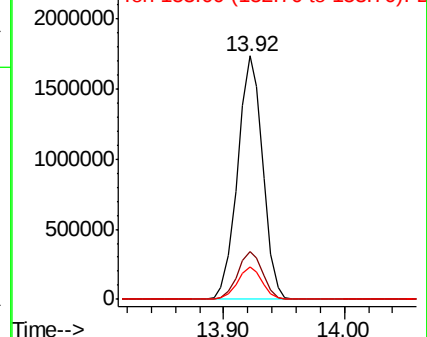


Abundance

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: 62.808 ng

RT: 13.67 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

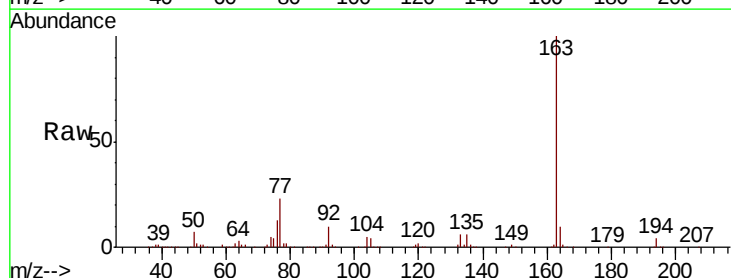
Tgt Ion:163 Resp: 1916082

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.9	7.9	11.9

163 100

194 3.8 3.1 4.7

164 9.9 7.9 11.9

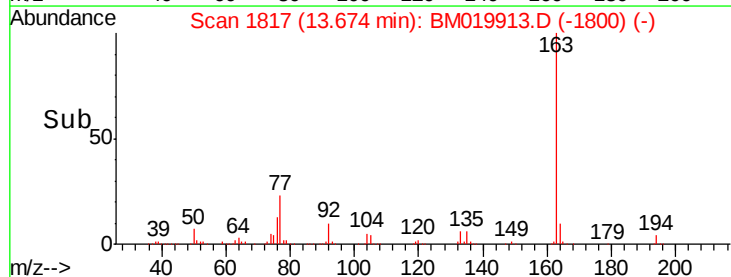
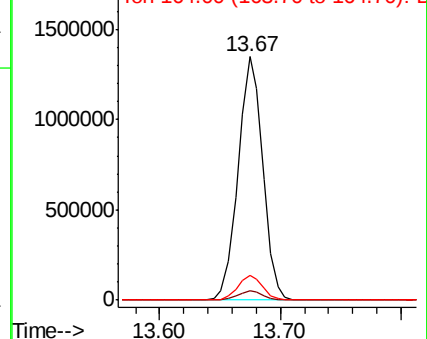


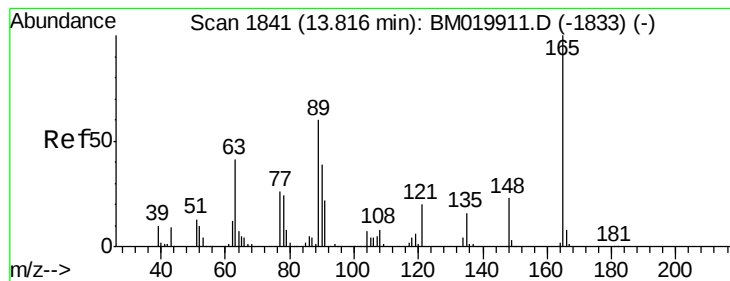
Abundance

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: 64.604 ng

RT: 13.82 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampleId :

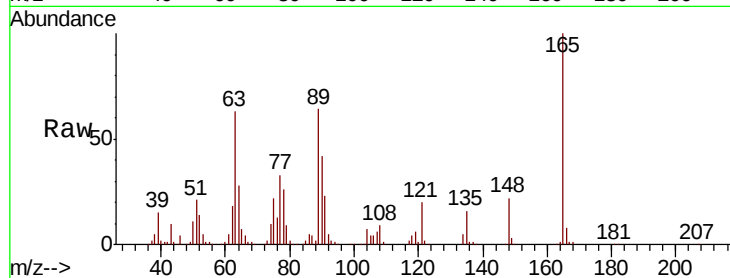
Tot Ion:165 Resp: 426046

Ion Ratio Lower Upper

165 100

63 63.4 48.5 72.7

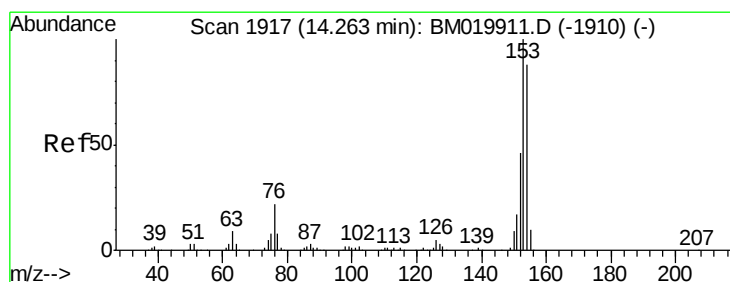
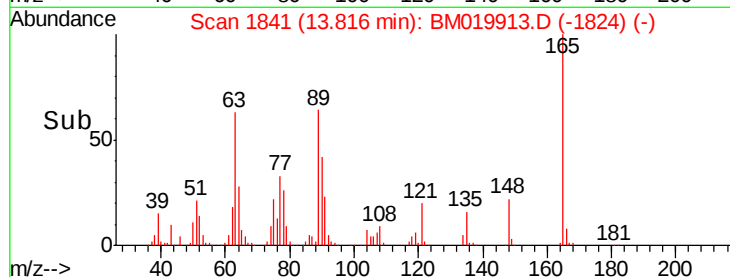
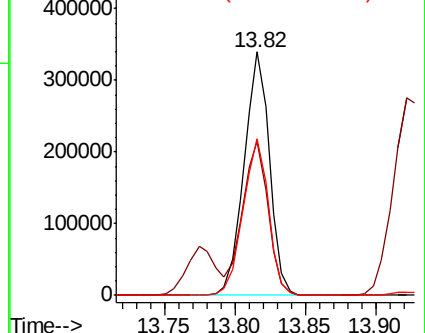
89 64.1 48.2 72.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 61.296 ng

RT: 14.27 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

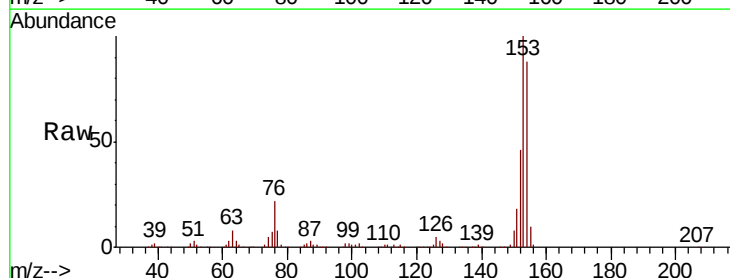
Tgt Ion:154 Resp: 1384437

Ion Ratio Lower Upper

154 100

153 114.2 91.0 136.4

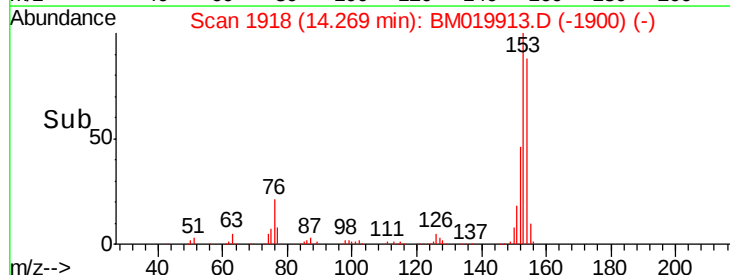
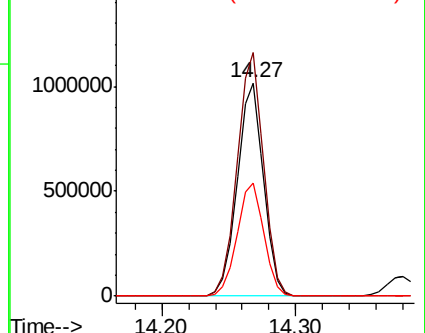
152 52.9 42.2 63.2

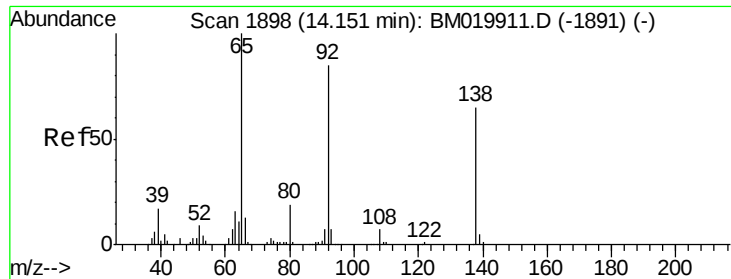


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

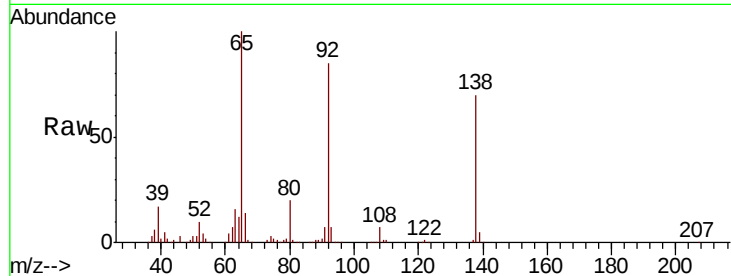




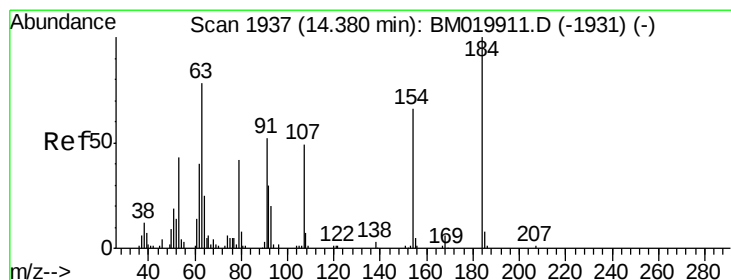
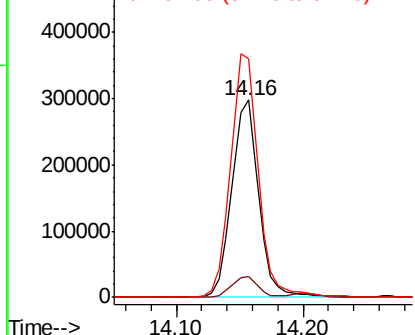
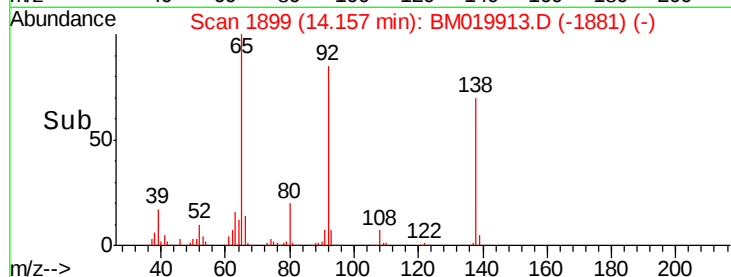
#53
3-Nitroaniline
Concen: 62.567 ng
RT: 14.16 min Scan# 1899
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 437008
Ion Ratio Lower Upper
138 100
108 10.3 8.9 13.3
92 121.0 103.8 155.8

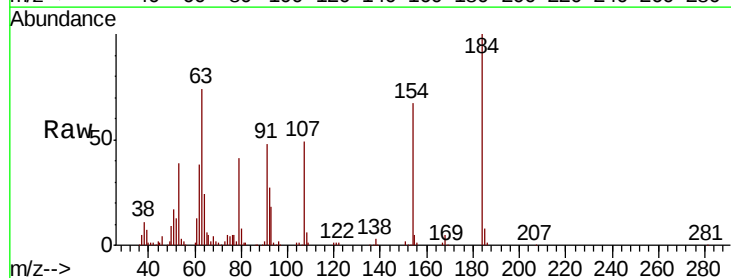


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

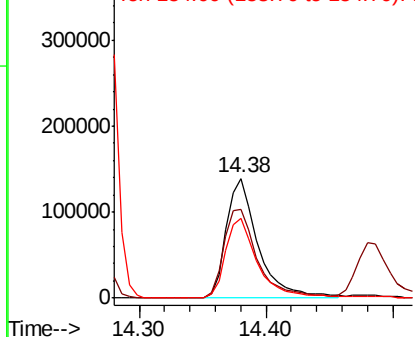
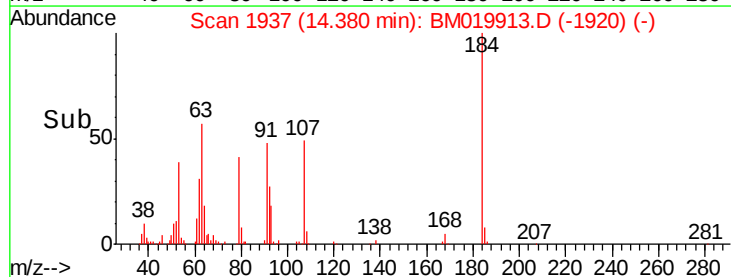


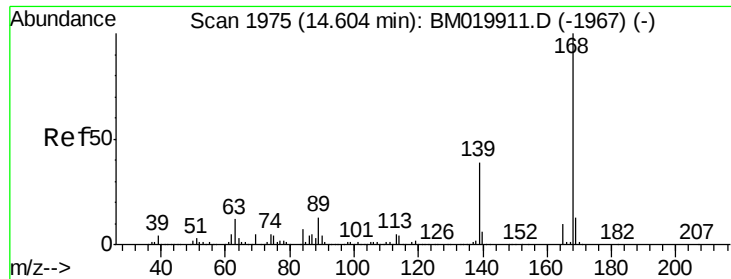
#54
2,4-Dinitrophenol
Concen: 63.103 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:184 Resp: 241676
Ion Ratio Lower Upper
184 100
63 73.9 62.3 93.5
154 66.6 53.0 79.6



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

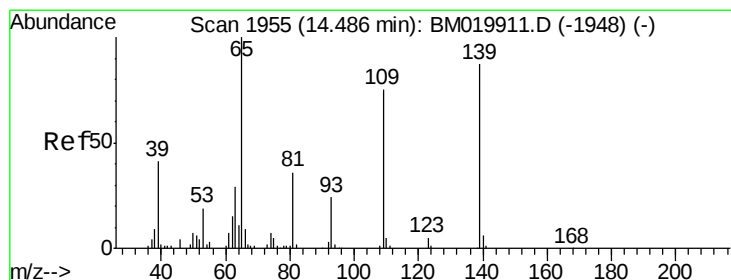
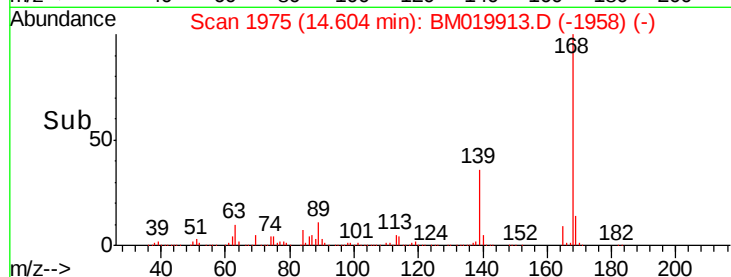
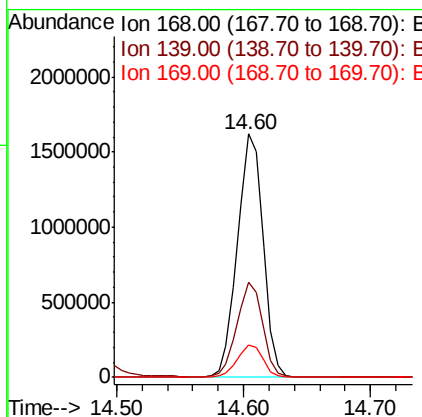
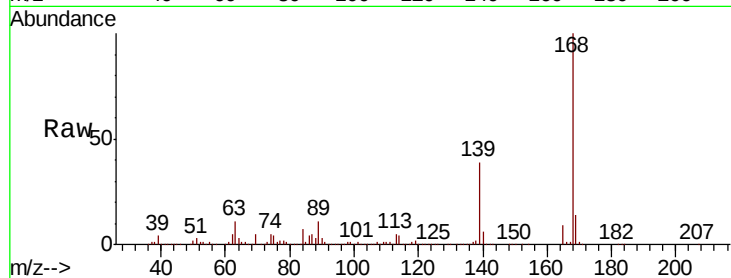




#55
Dibenzenofuran
Concen: 62.124 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

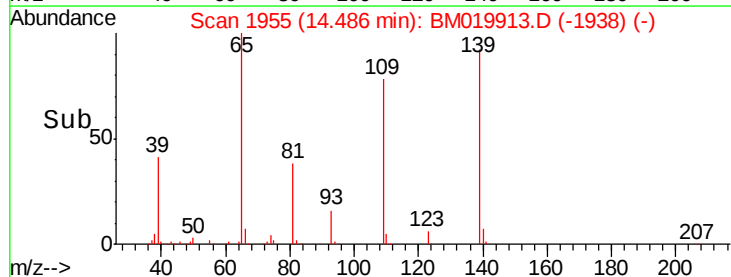
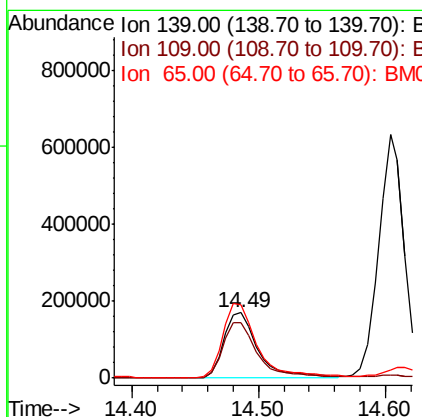
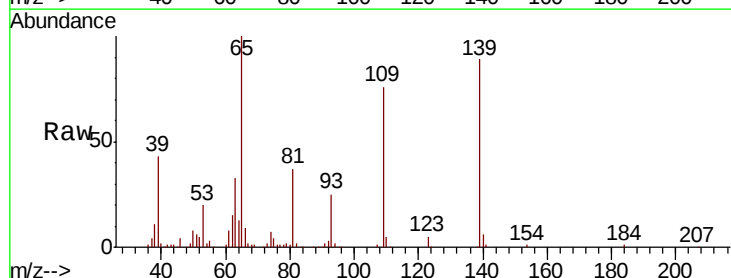
Instrument :
BNA_M
ClientSampleId :

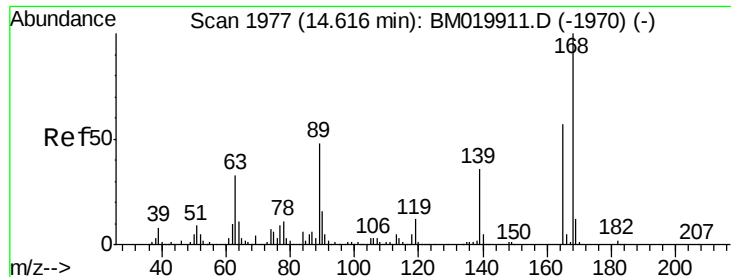
Tot Ion:168 Resp: 2262811
Ion Ratio Lower Upper
168 100
139 39.1 31.5 47.3
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 56.378 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:139 Resp: 321511
Ion Ratio Lower Upper
139 100
109 85.6 65.3 105.3
65 112.6 94.9 134.9

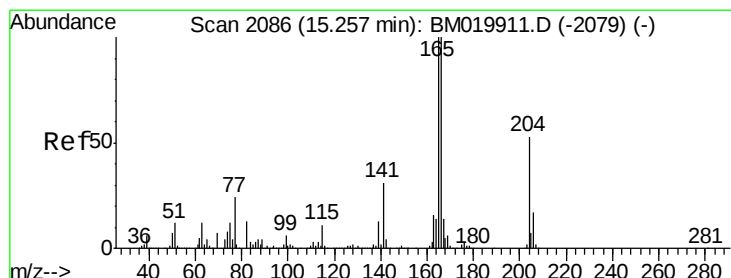
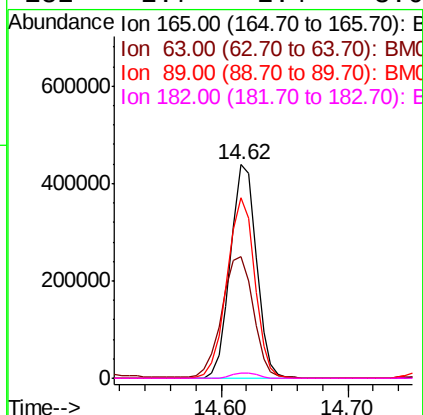
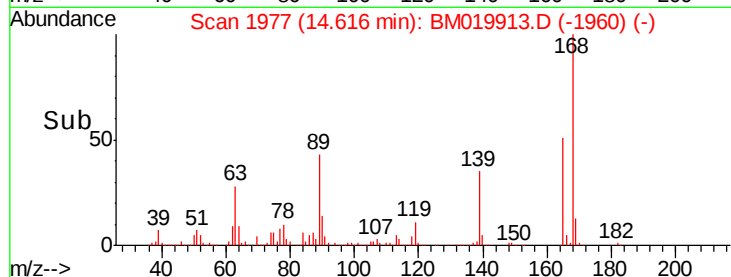
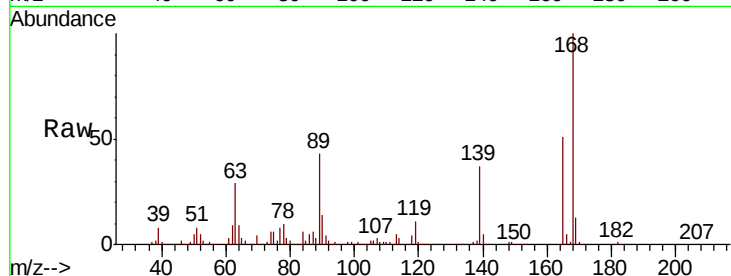




#57
 2,4-Dinitrotoluene
 Concen: 65.130 ng
 RT: 14.62 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

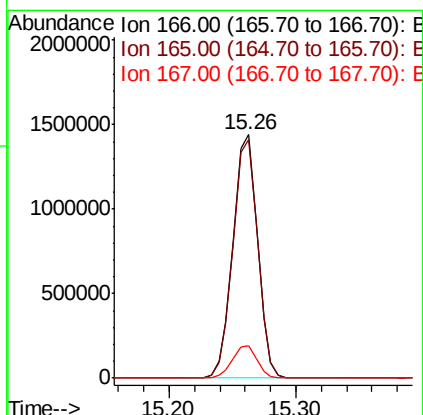
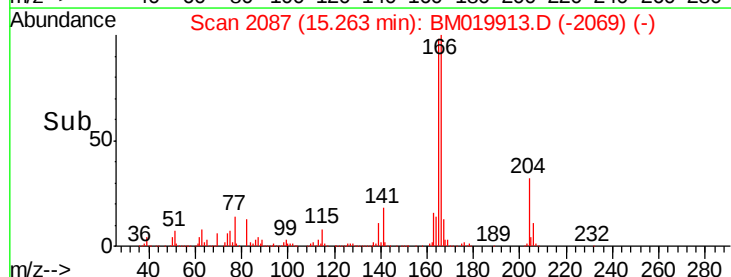
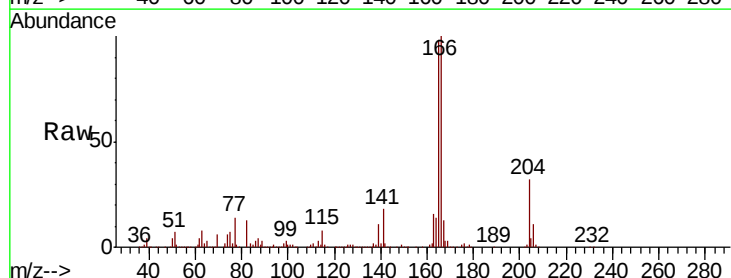
Instrument :
 BNA_M
 ClientSampleId :

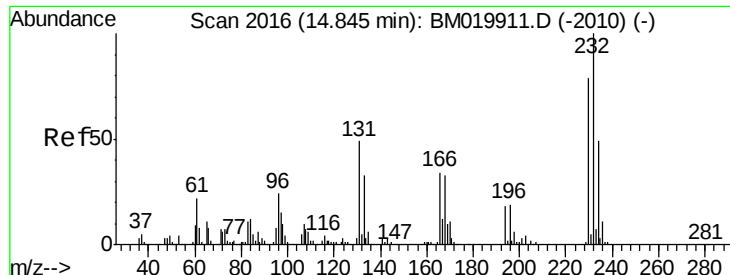
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.9	46.0	69.0
89	84.6	67.5	101.3
182	2.7	2.4	3.6



#58
 Fluorene
 Concen: 64.306 ng
 RT: 15.26 min Scan# 2087
 Delta R.T. 0.01 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.1	120.1
167	13.1	11.0	16.4

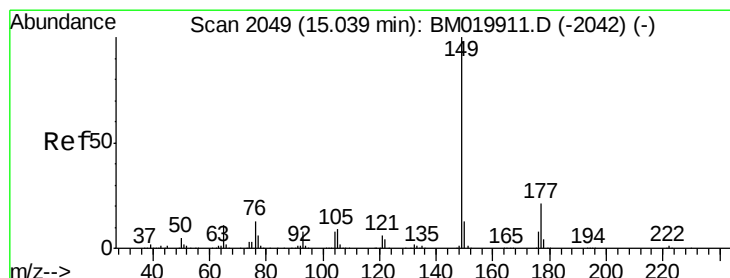
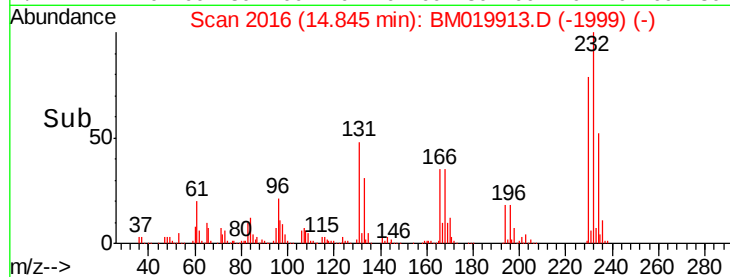
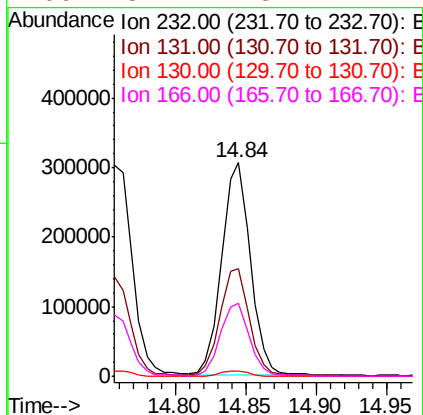
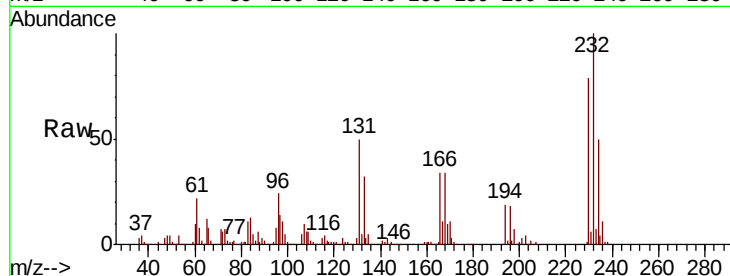




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.603 ng
RT: 14.84 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

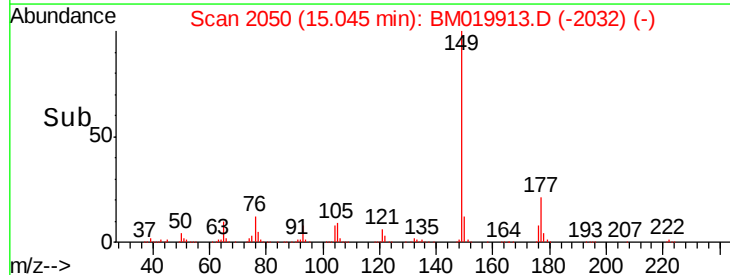
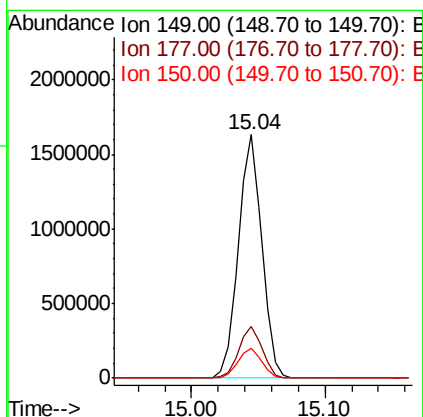
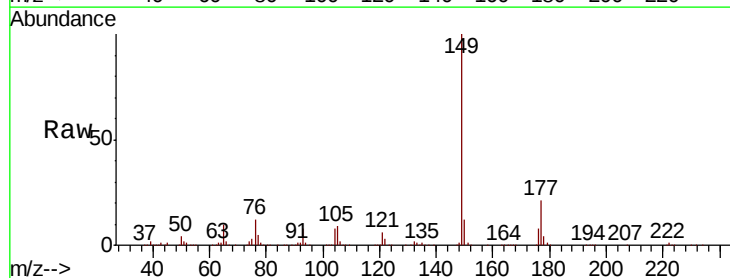
Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.0	42.1	63.1
130	2.8	2.2	3.4
166	34.7	28.1	42.1



#60
Diethylphthalate
Concen: 64.218 ng
RT: 15.04 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.6	25.0
150	12.2	10.0	15.0

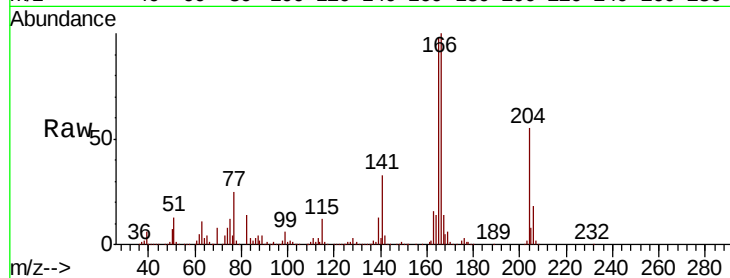




#61
 4-Chlorophenyl-phenylether
 Concen: 63.673 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.8
141	59.5	47.0	70.4

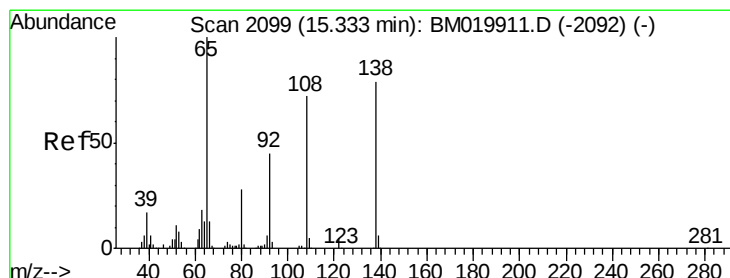
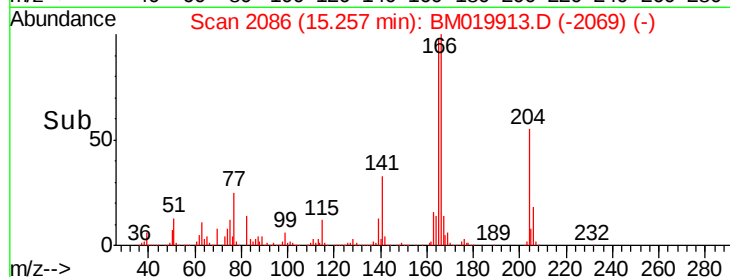
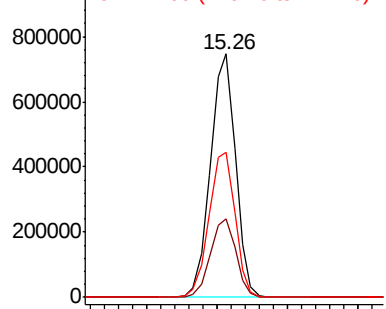


Abundance

Ion 204.00 (203.70 to 204.70): E

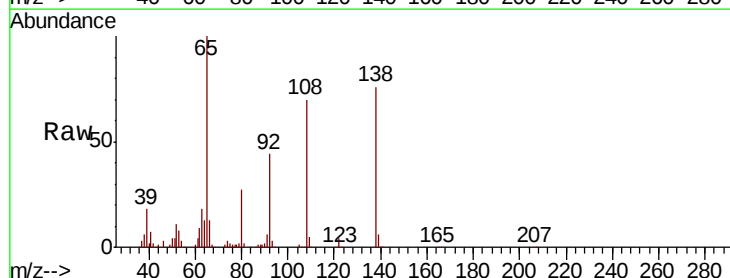
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 61.844 ng
 RT: 15.33 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.7	36.8	76.8
108	91.4	71.5	111.5

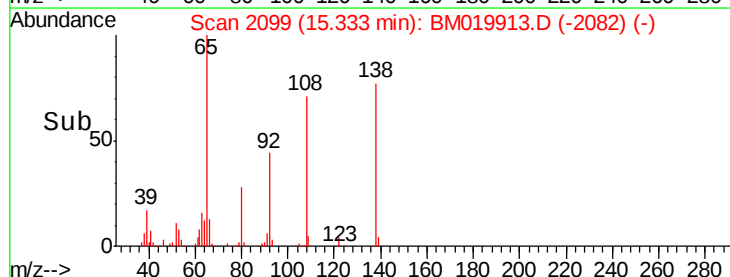
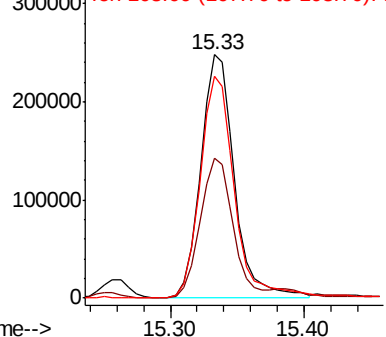


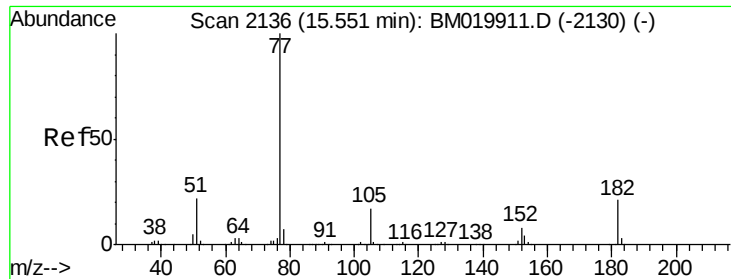
Abundance

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

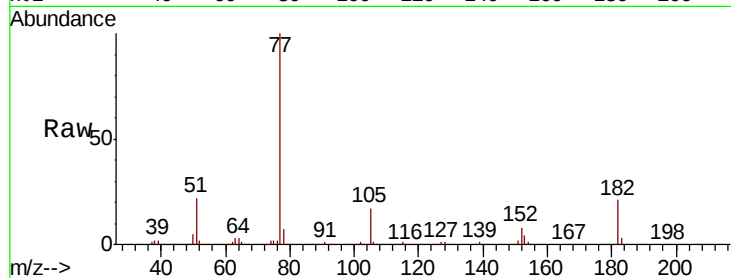




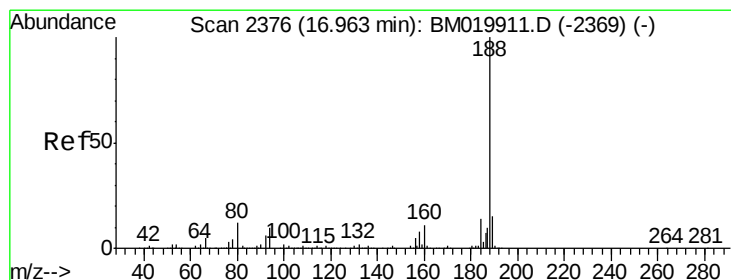
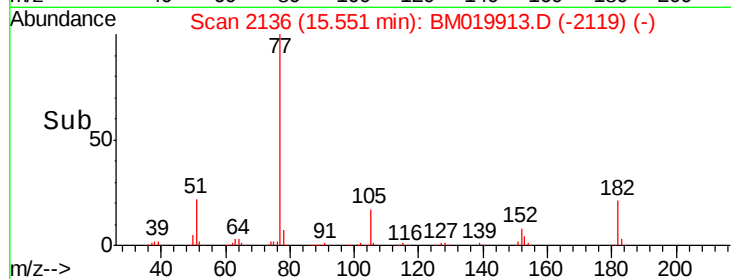
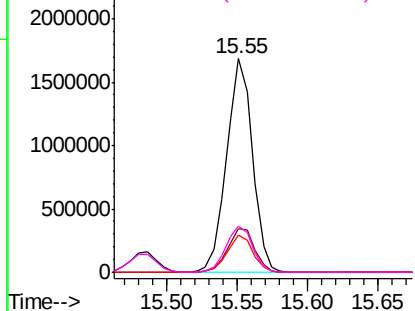
#63
Azobenzene
Concen: 65.846 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2140795
Ion Ratio Lower Upper
77 100
182 20.6 1.0 41.0
105 17.2 0.0 37.1
51 21.8 2.1 42.1

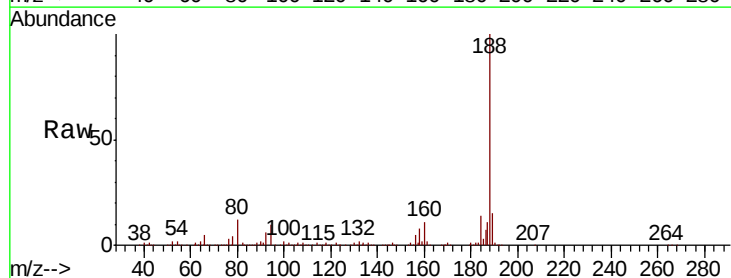


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

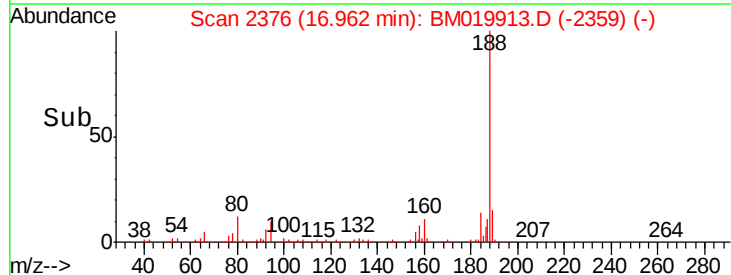
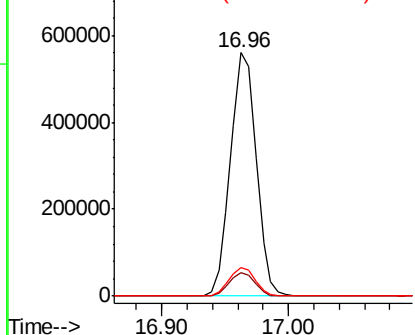


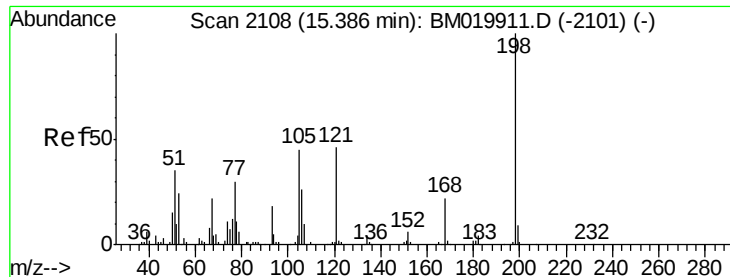
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion: 188 Resp: 790081
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 11.9 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 62.662 ng

RT: 15.39 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

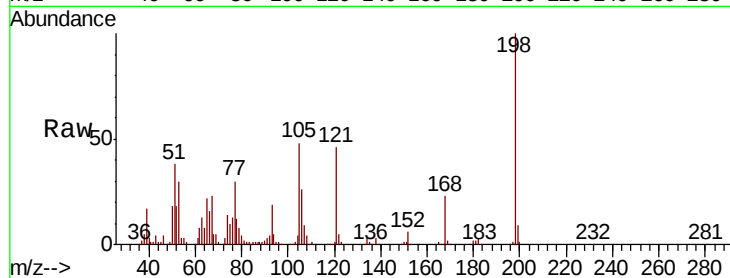
Instrument :

BNA_M

ClientSampleId :

Tot Ion:198 Resp: 324426

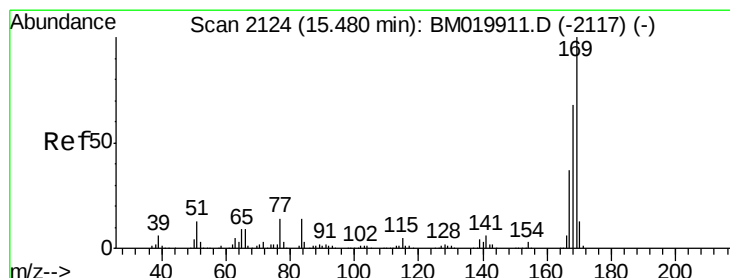
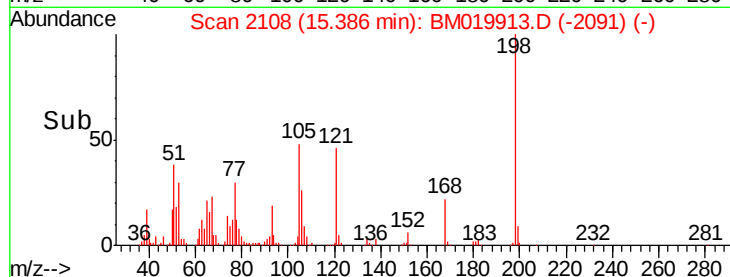
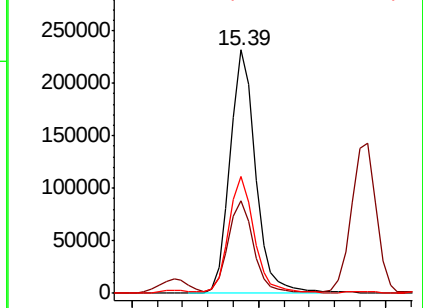
Ion	Ratio	Lower	Upper
198	100		
51	38.2	17.9	57.9
105	48.0	26.1	66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM019913.D (-2101) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 62.914 ng

RT: 15.49 min Scan# 2125

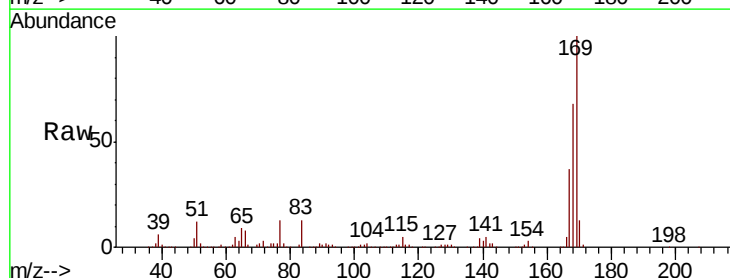
Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Tgt Ion:169 Resp: 1582507

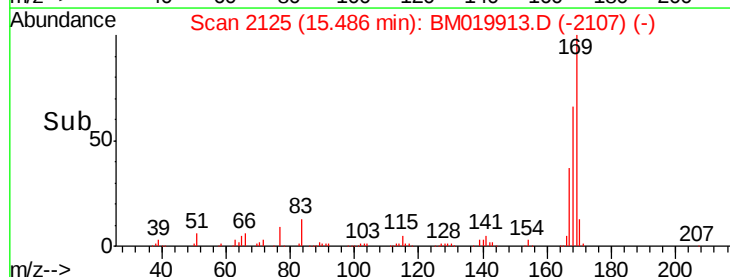
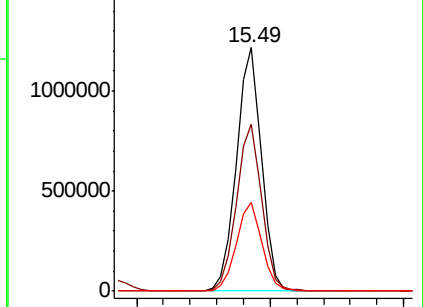
Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.7	82.1
167	36.6	29.4	44.0

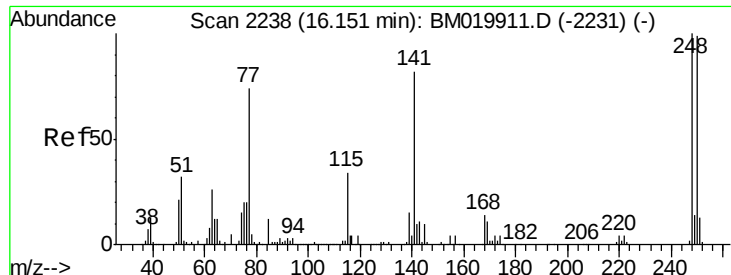


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

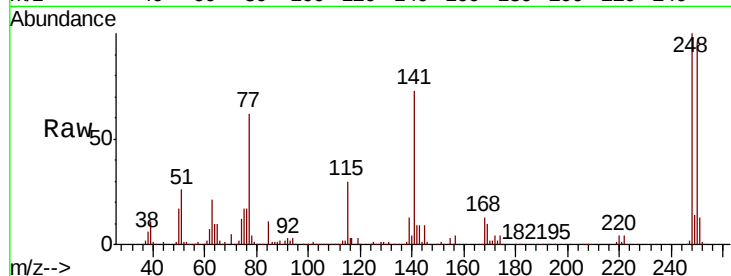




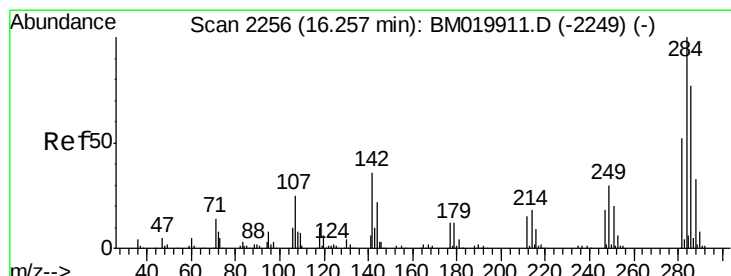
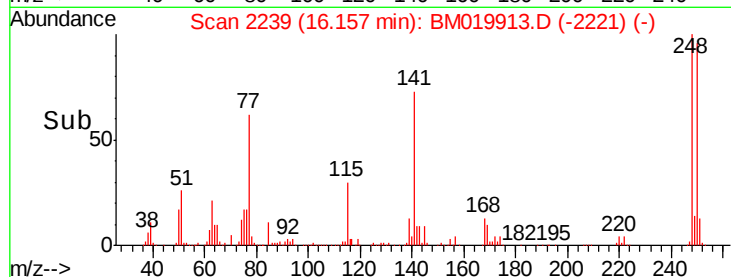
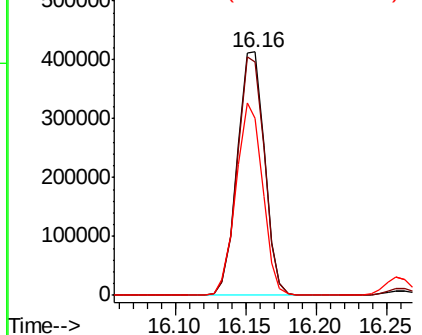
#67
4-Bromophenyl-phenylether
Concen: 63.927 ng
RT: 16.16 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 556967
Ion Ratio Lower Upper
248 100
250 95.7 78.9 118.3
141 72.6 65.6 98.4

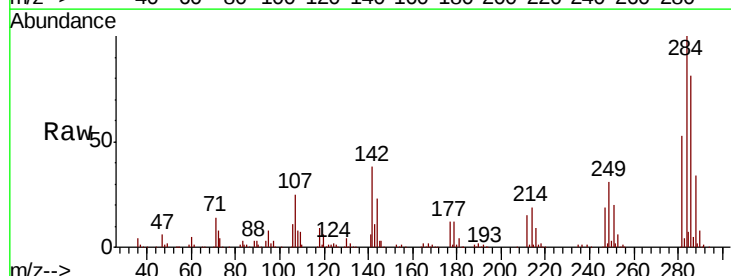


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

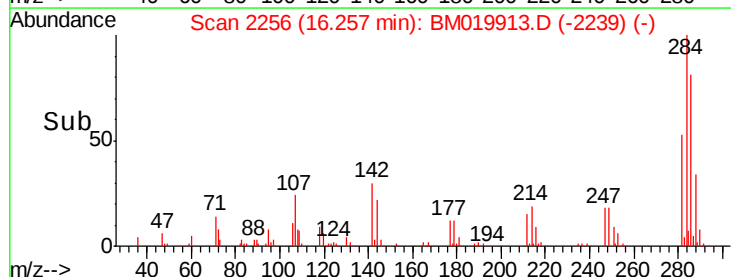
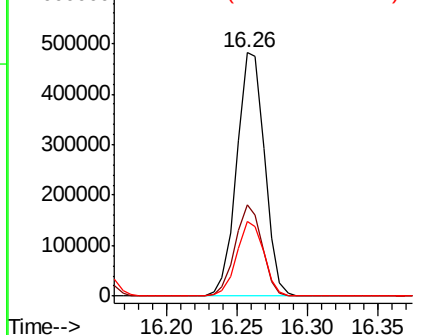


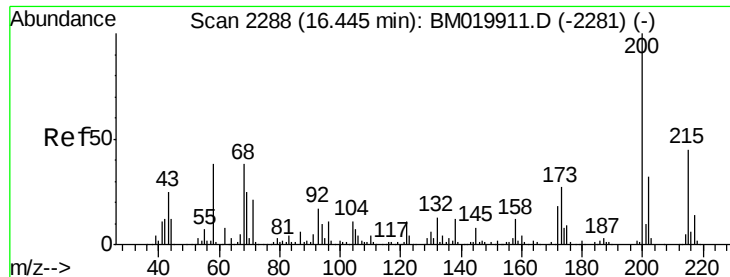
#68
Hexachlorobenzene
Concen: 63.826 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:284 Resp: 661131
Ion Ratio Lower Upper
284 100
142 37.6 28.9 43.3
249 30.6 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

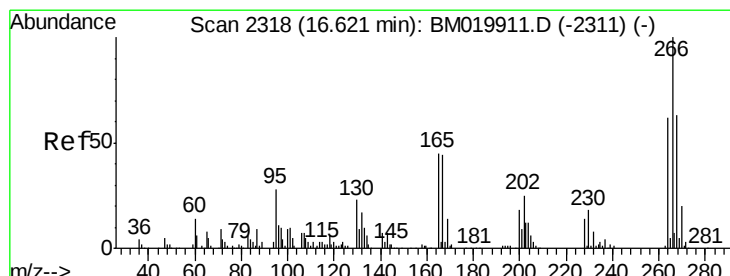
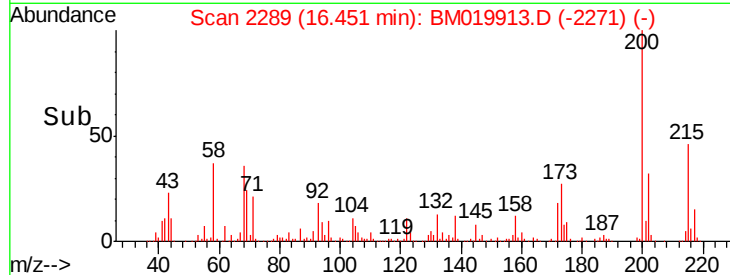
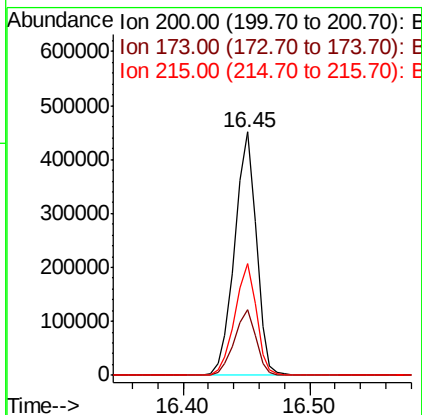
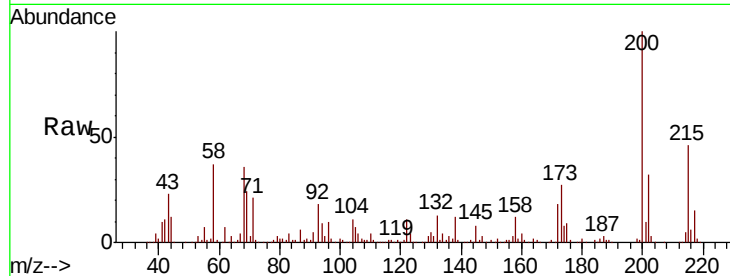




#69
 Atrazine
 Concen: 62.899 ng
 RT: 16.45 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

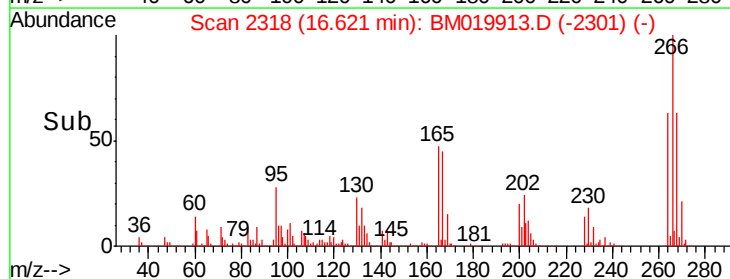
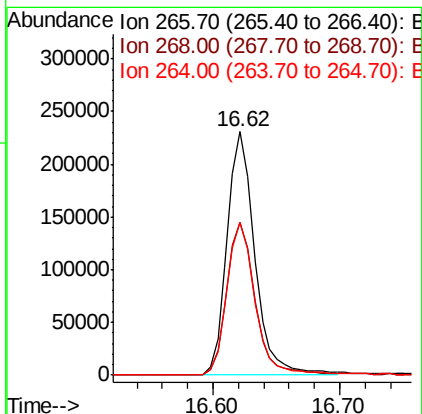
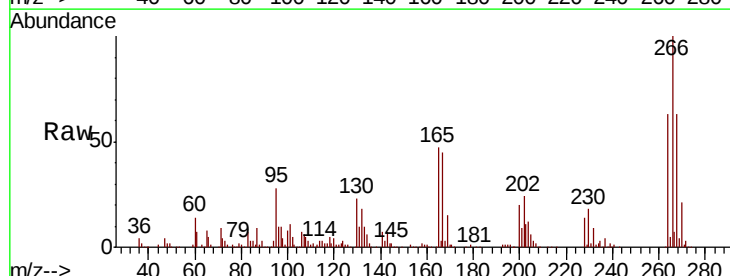
Instrument :
 BNA_M
 ClientSampleId :

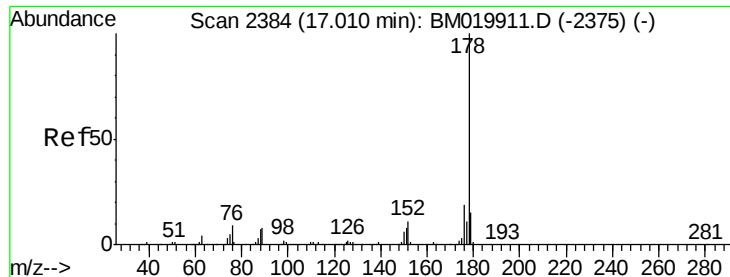
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.2	47.2
215	45.9	25.4	65.4



#70
 Pentachlorophenol
 Concen: 56.232 ng
 RT: 16.62 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BM019913.D
 Acq: 15 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.3	75.5
264	62.9	49.8	74.8

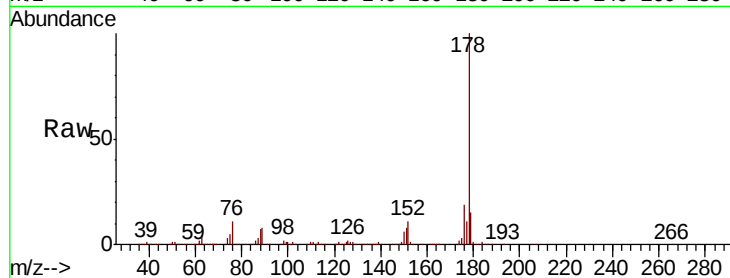




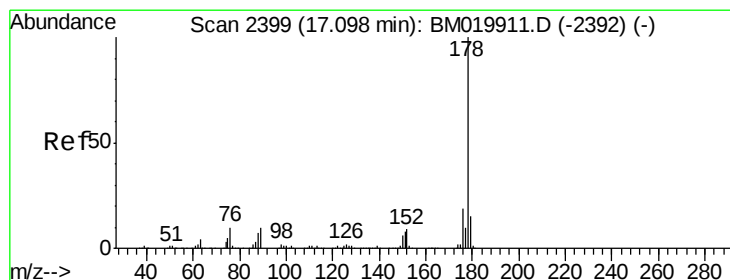
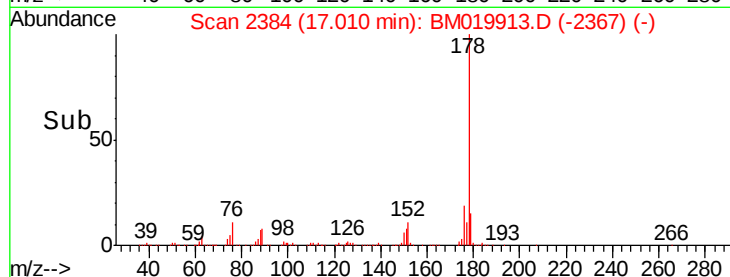
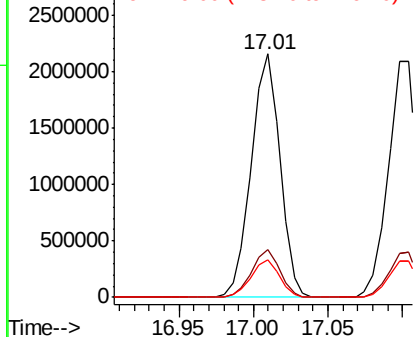
#71
Phenanthrene
Concen: 61.850 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 2864254
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.3 12.2 18.4

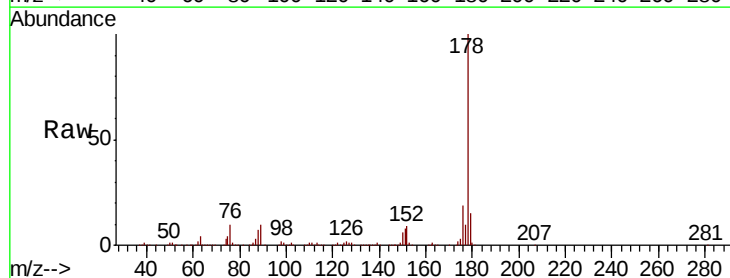


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

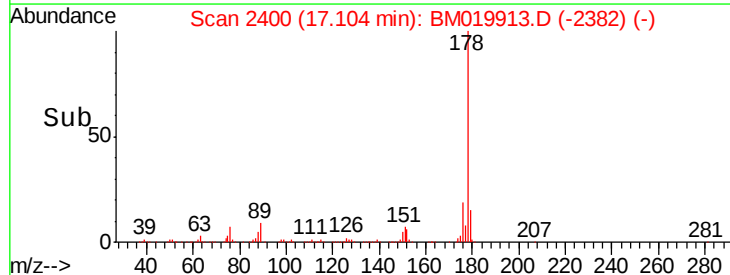
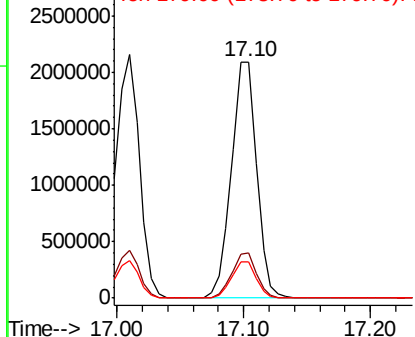


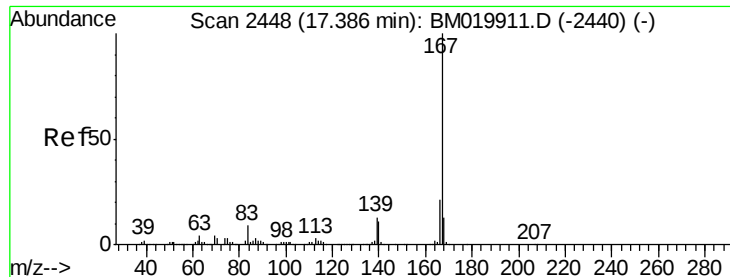
#72
Anthracene
Concen: 63.407 ng
RT: 17.10 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:178 Resp: 2874556
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.4 12.2 18.4



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





#73

Carbazole

Concen: 62.878 ng

RT: 17.39 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampled :

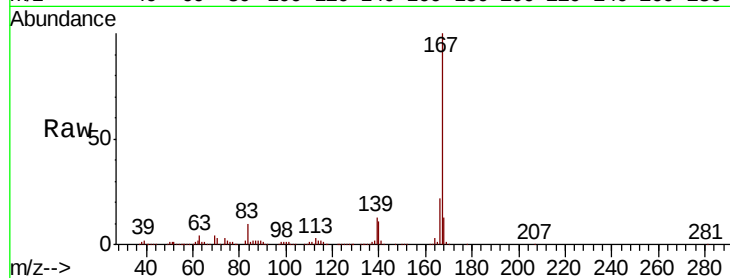
Tot Ion:167 Resp: 2690465

Ion Ratio Lower Upper

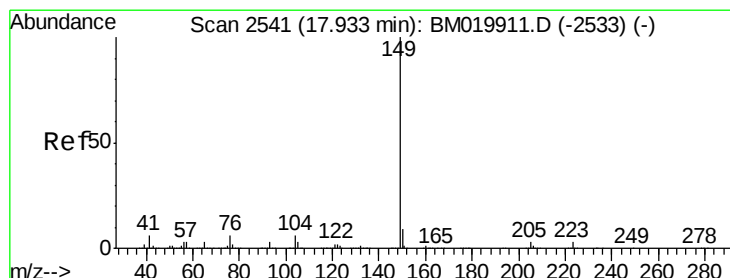
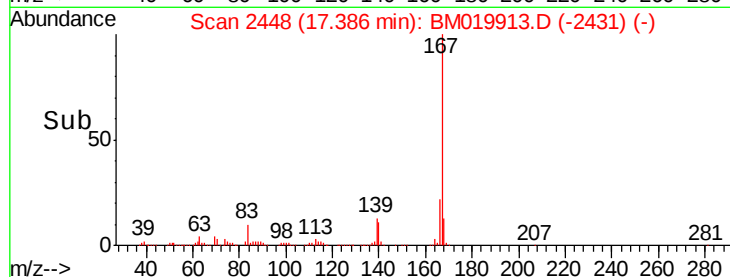
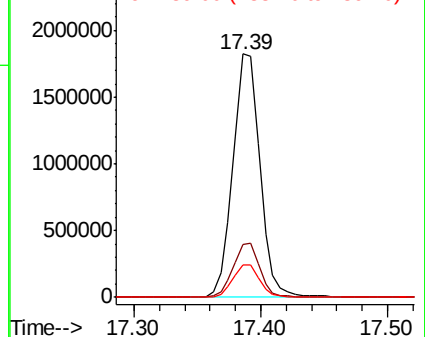
167 100

166 21.8 17.2 25.8

139 13.5 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E
2500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 68.404 ng

RT: 17.93 min Scan# 2541

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

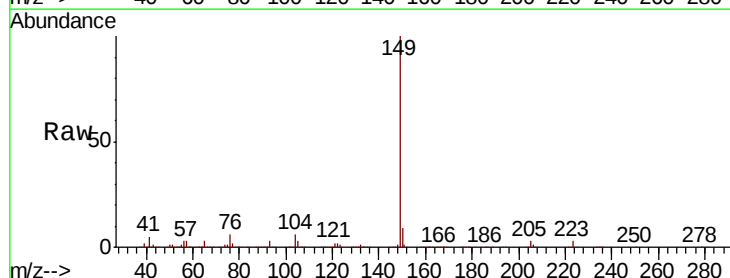
Tgt Ion:149 Resp: 3539354

Ion Ratio Lower Upper

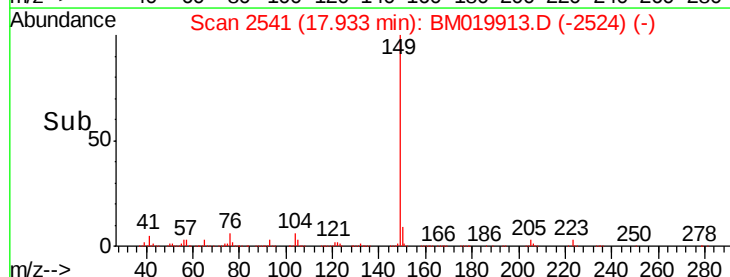
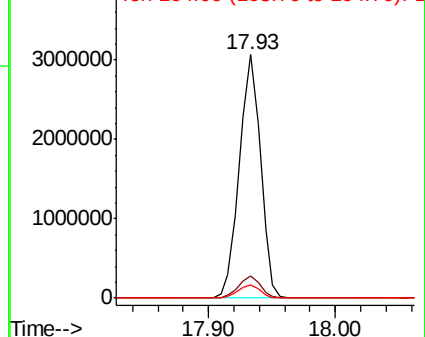
149 100

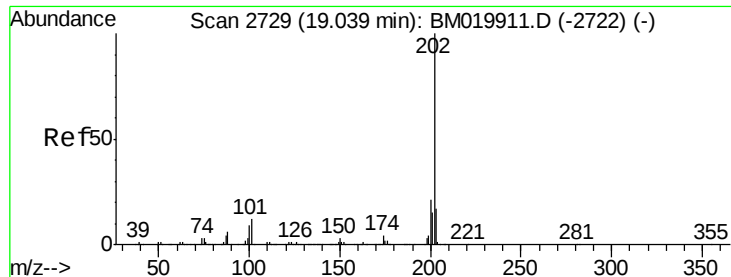
150 9.1 7.2 10.8

104 5.5 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E
4000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 61.984 ng

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampleId :

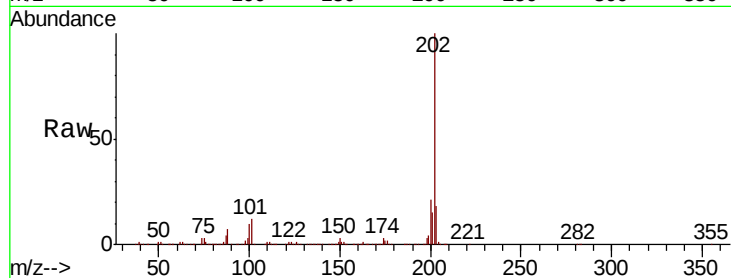
Tot Ion:202 Resp: 3293725

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.7

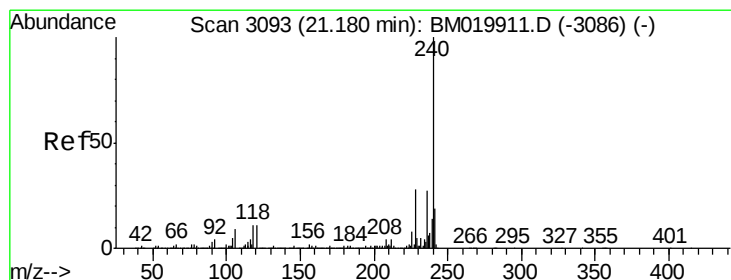
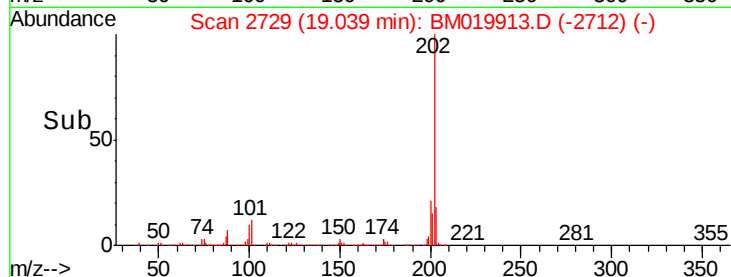
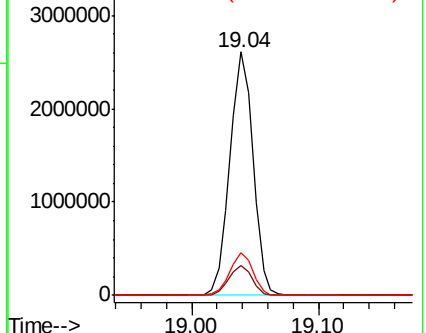
203 17.8 0.0 37.4



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: 21.19 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

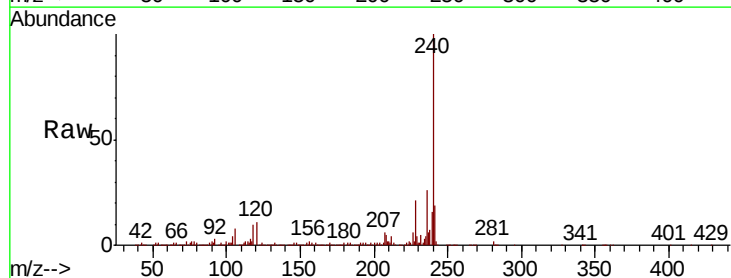
Tgt Ion:240 Resp: 861541

Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

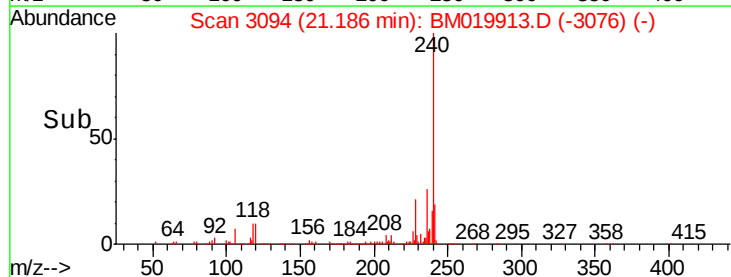
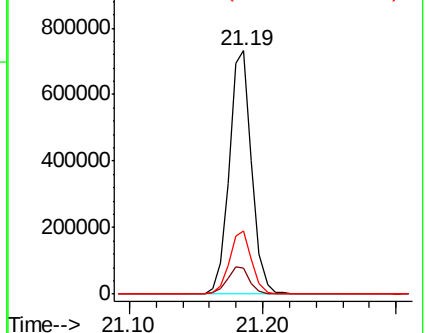
236 26.1 21.4 32.2

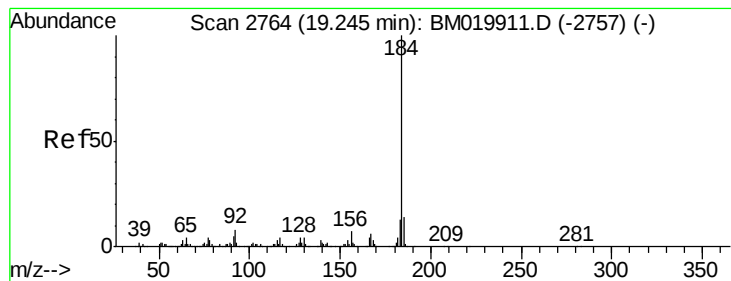


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.736 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampleId :

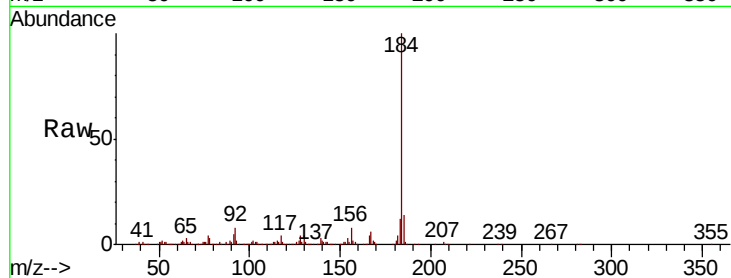
Tot Ion:184 Resp: 1728346

Ion Ratio Lower Upper

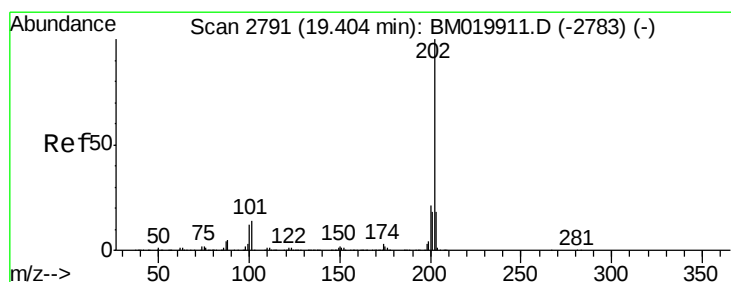
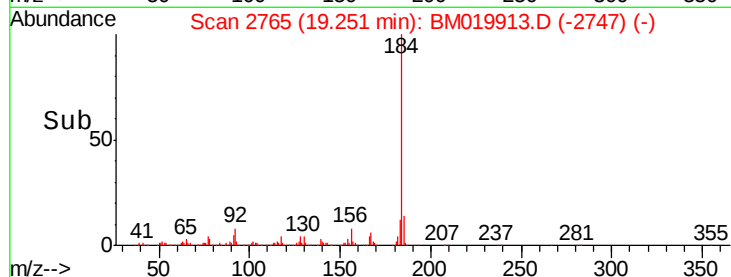
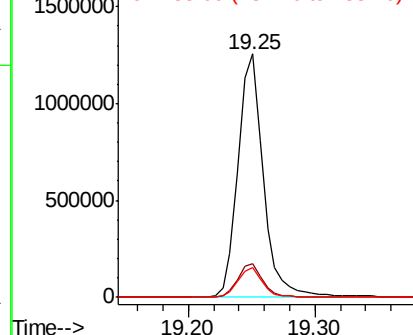
184 100

185 13.8 11.0 16.6

183 12.2 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: 62.480 ng

RT: 19.41 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

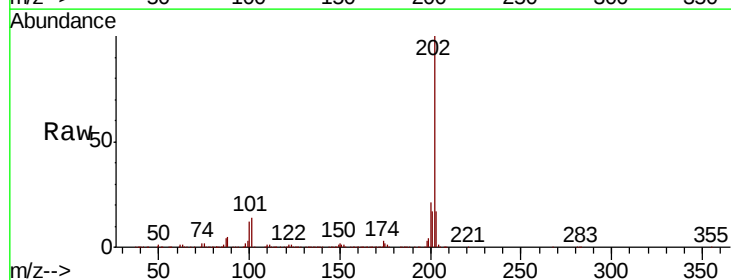
Tgt Ion:202 Resp: 3405830

Ion Ratio Lower Upper

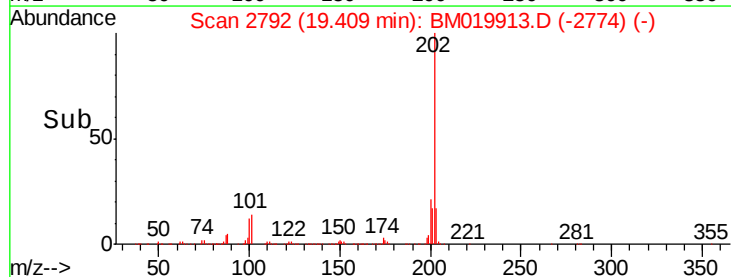
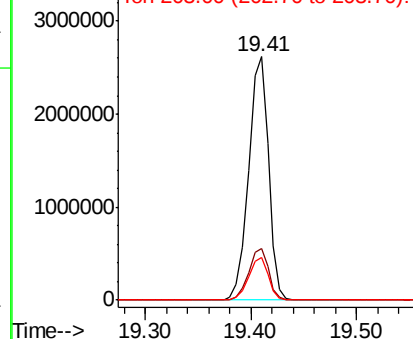
202 100

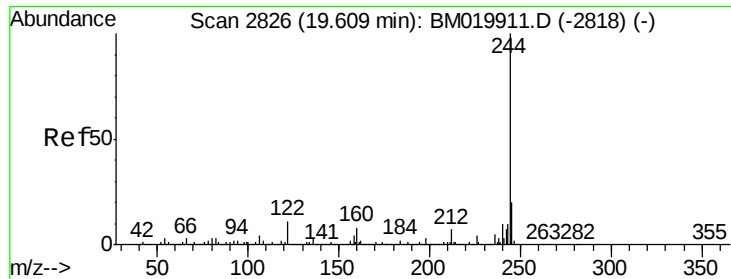
200 21.1 17.0 25.4

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: 136.238 ng

RT: 19.62 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampleId :

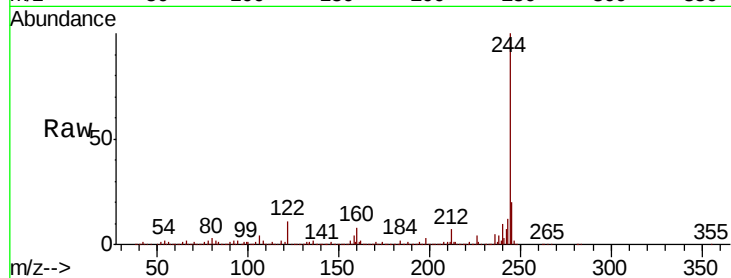
Tot Ion:244 Resp: 5912438

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

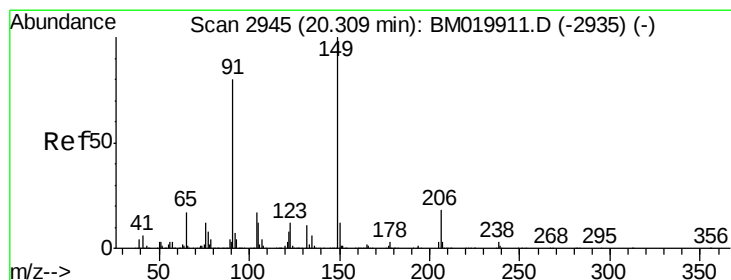
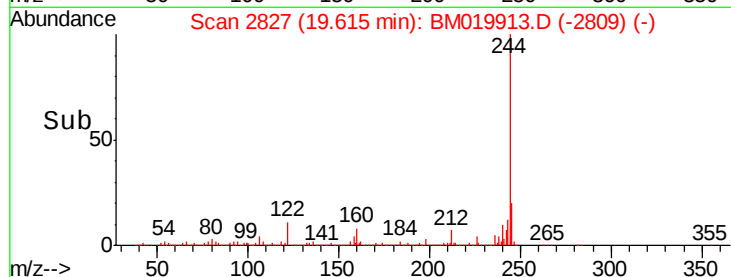
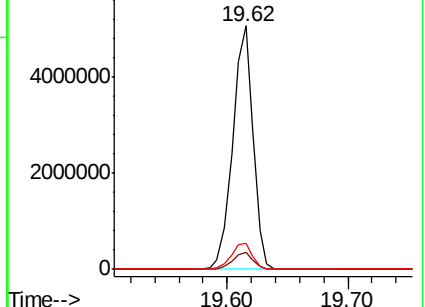
122 10.5 9.1 13.7



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: 70.269 ng

RT: 20.32 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

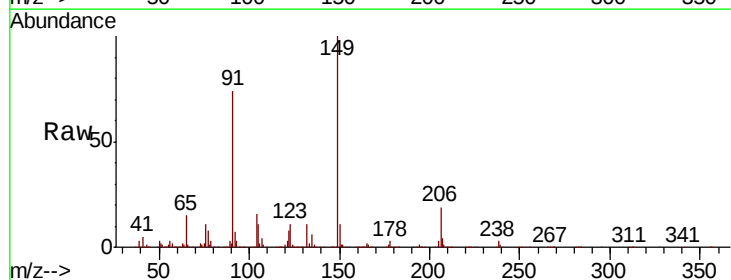
Tgt Ion:149 Resp: 1668364

Ion Ratio Lower Upper

149 100

91 74.1 63.7 95.5

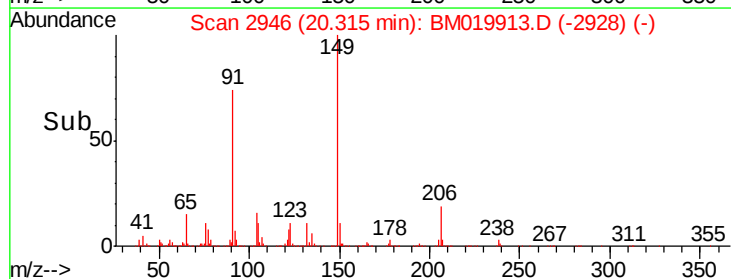
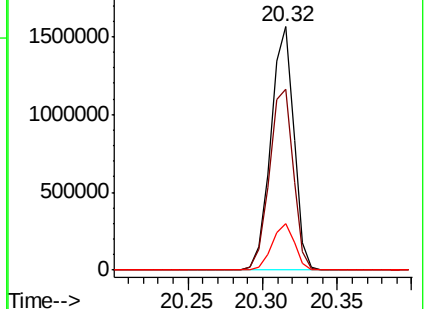
206 19.3 14.6 21.8

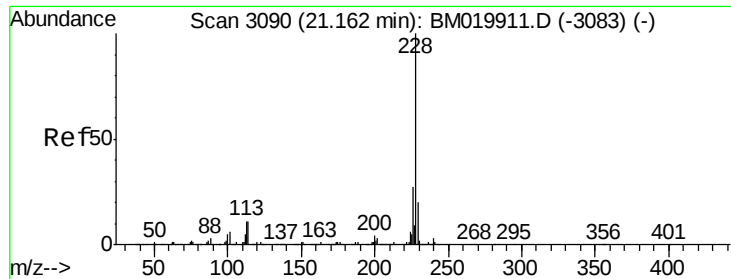


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 60.568 ng

RT: 21.17 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

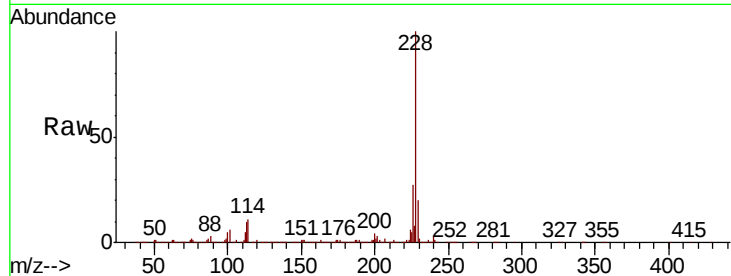
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3273688

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.7	15.9	23.9

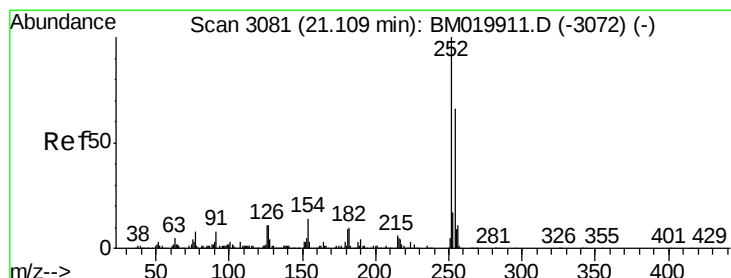
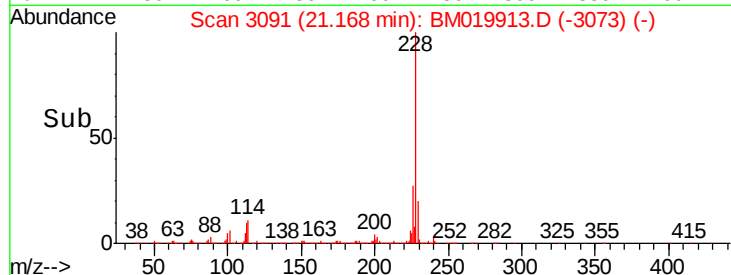
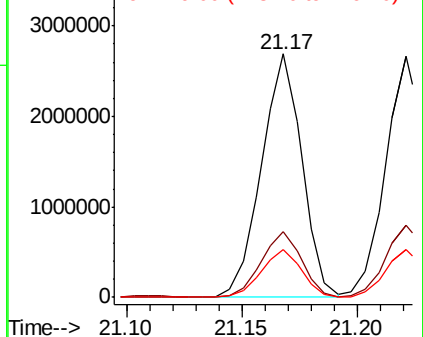


Abundance

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: 59.150 ng

RT: 21.11 min Scan# 3081

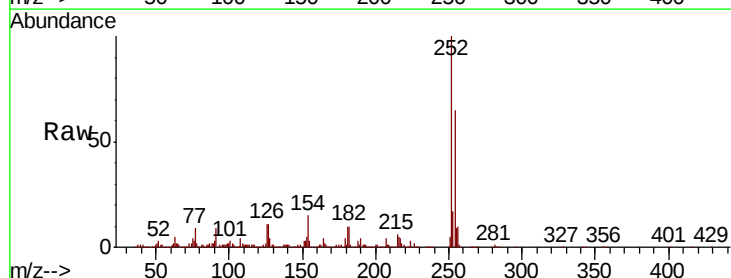
Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Tgt Ion:252 Resp: 1231601

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	78.8
126	11.3	8.6	12.8

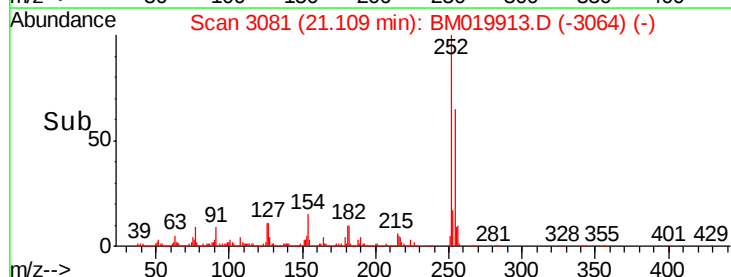
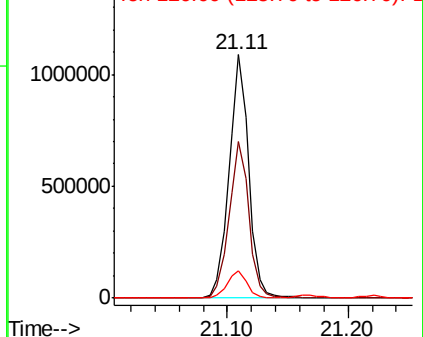


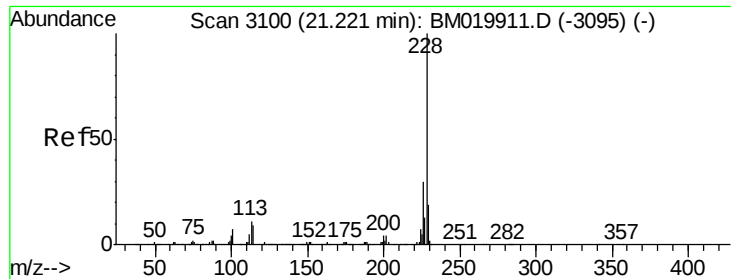
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

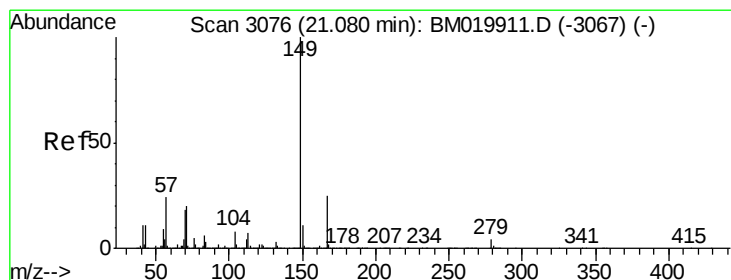
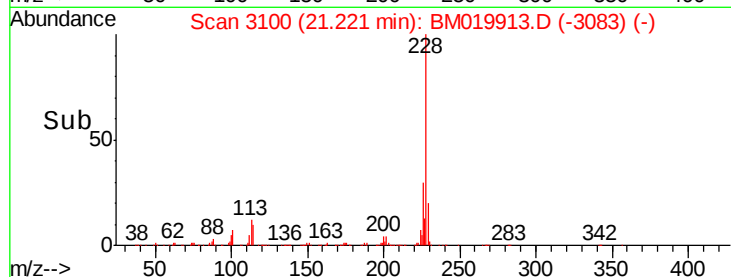
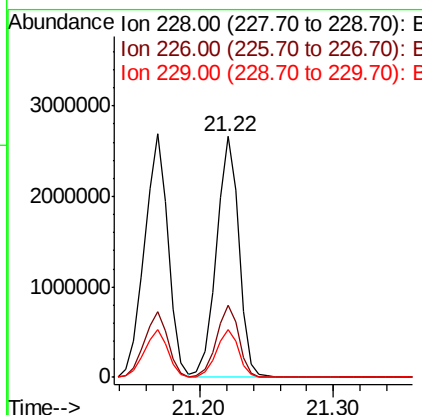
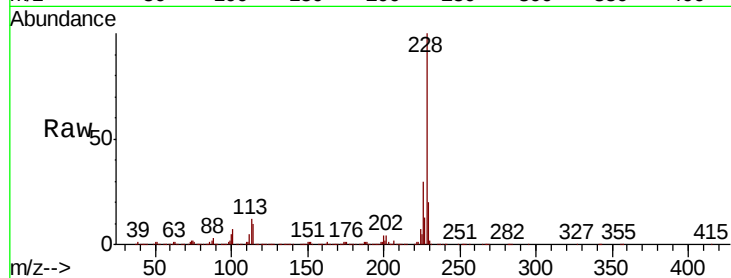




#83
Chrysene
Concen: 60.170 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

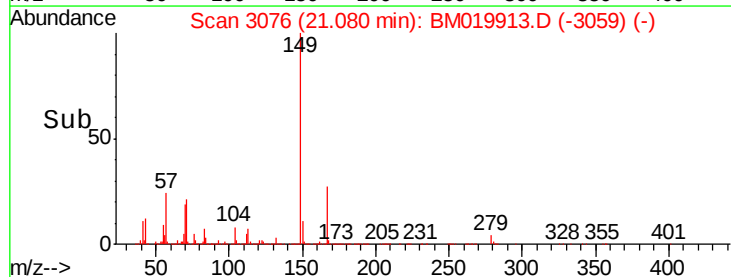
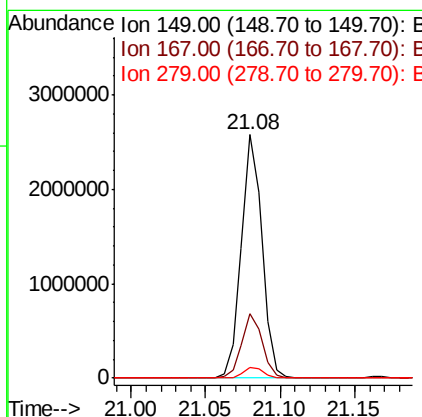
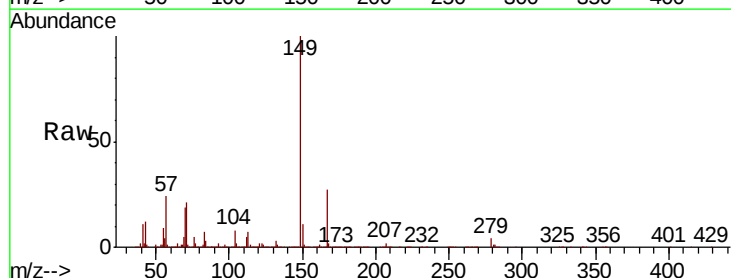
Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 3146284
Ion Ratio Lower Upper
228 100
226 30.1 23.7 35.5
229 19.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 71.793 ng
RT: 21.08 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:149 Resp: 2479821
Ion Ratio Lower Upper
149 100
167 26.6 20.3 30.5
279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 70.158 ng

RT: 21.95 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampleId :

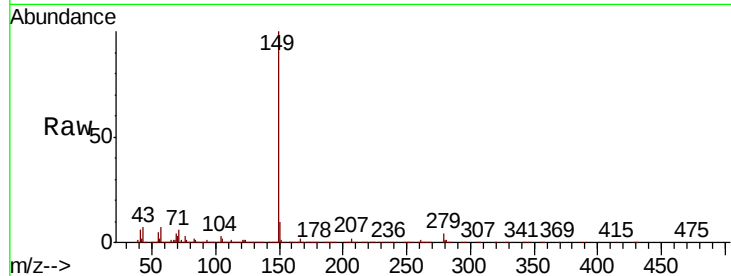
Tot Ion:149 Resp: 4080671

Ion Ratio Lower Upper

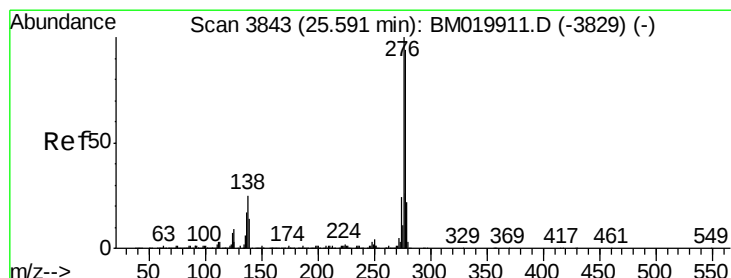
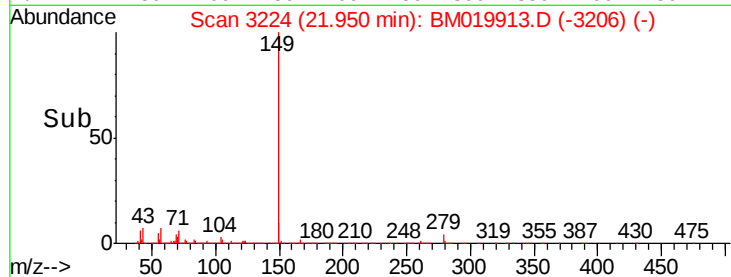
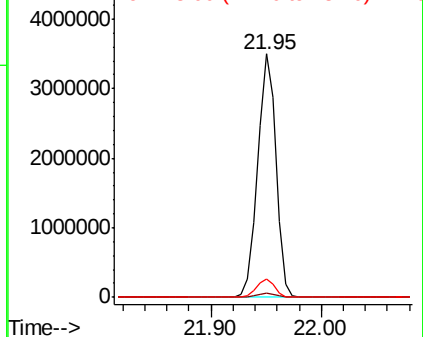
149 100

167 1.6 1.3 1.9

43 7.4 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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.382 ng

RT: 25.60 min Scan# 3844

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

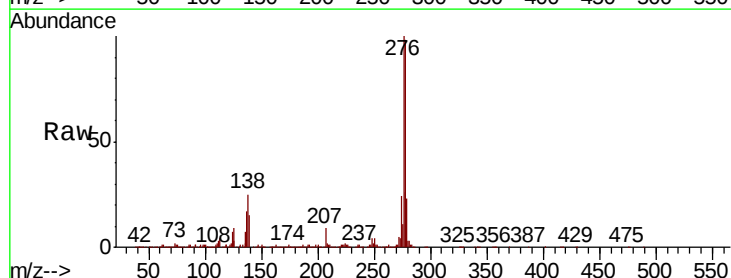
Tgt Ion:276 Resp: 3004789

Ion Ratio Lower Upper

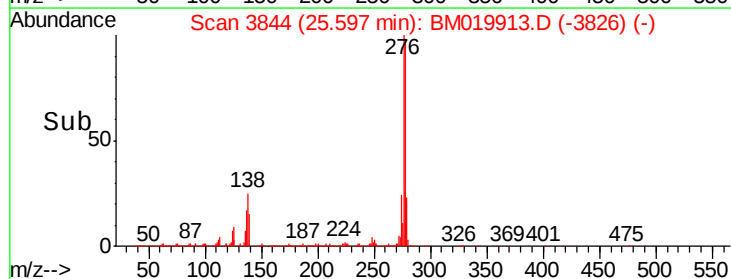
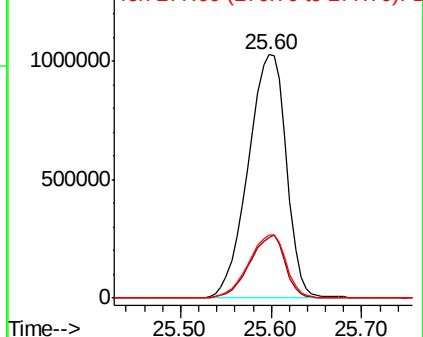
276 100

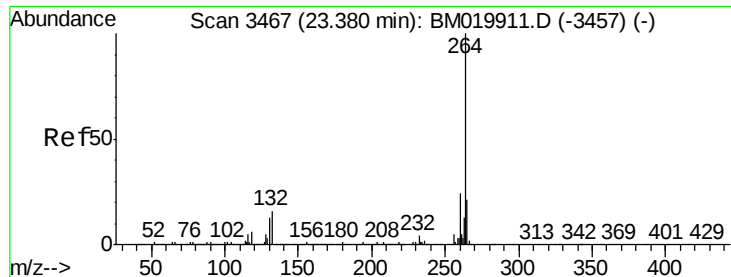
138 24.1 19.0 28.6

277 25.5 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: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampled :

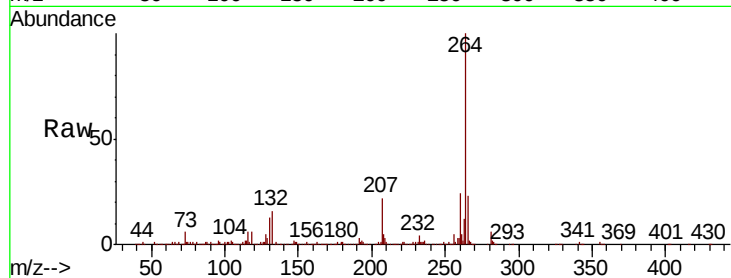
Tot Ion:264 Resp: 753425

Ion Ratio Lower Upper

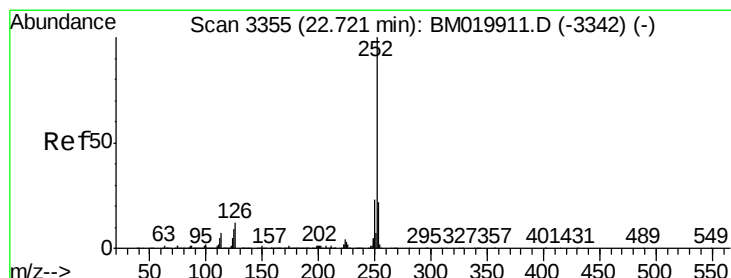
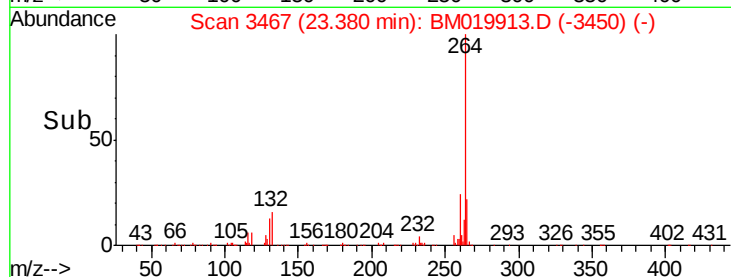
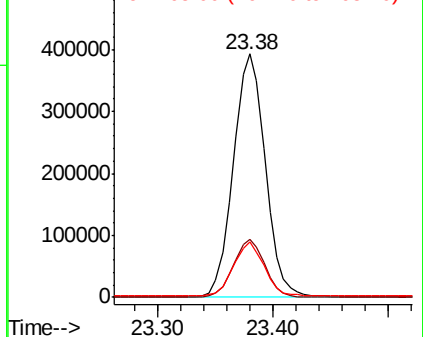
264 100

260 23.6 19.2 28.8

265 22.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 62.423 ng

RT: 22.72 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

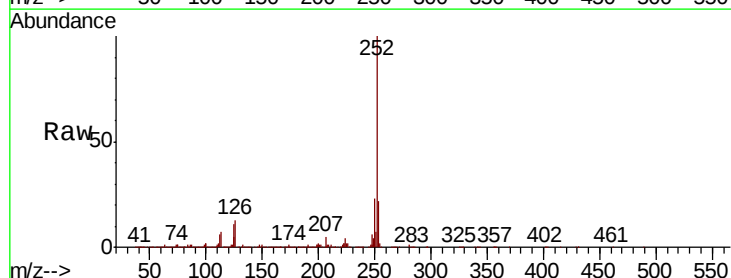
Tgt Ion:252 Resp: 3047501

Ion Ratio Lower Upper

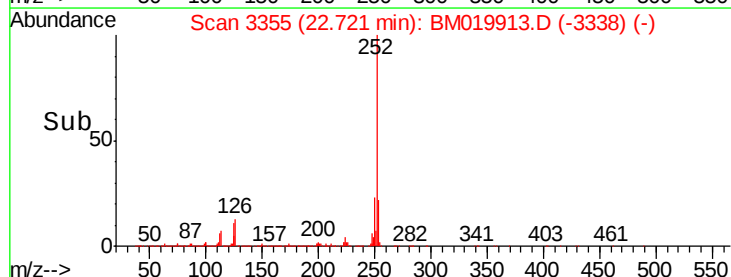
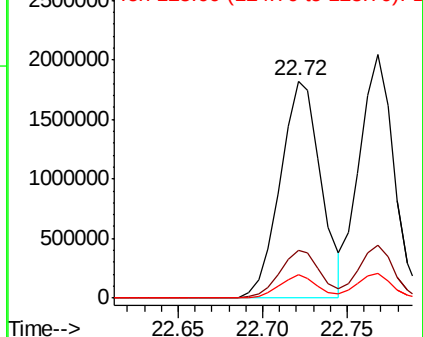
252 100

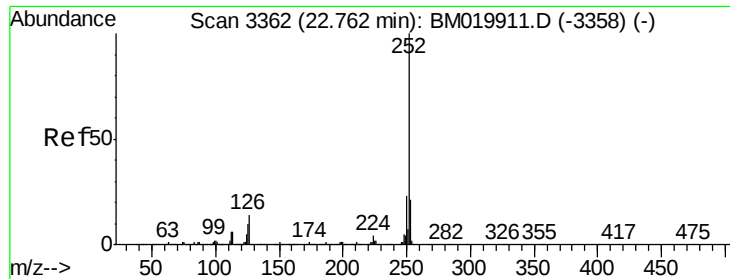
253 22.2 17.5 26.3

125 10.6 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

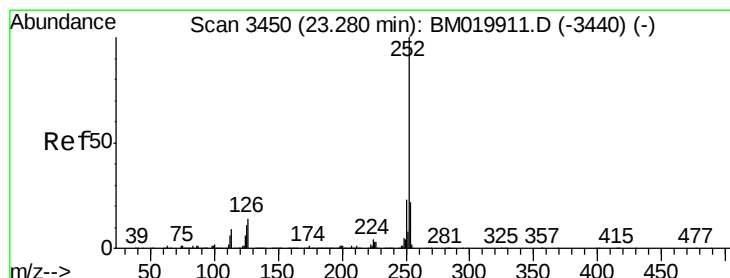
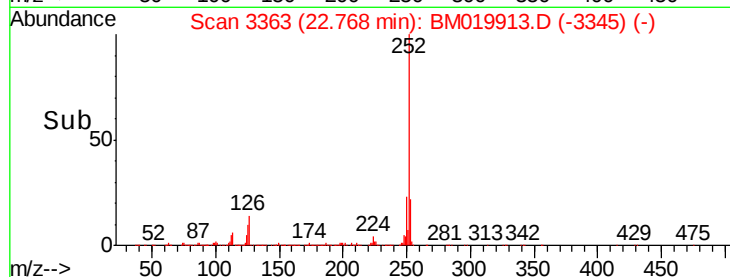
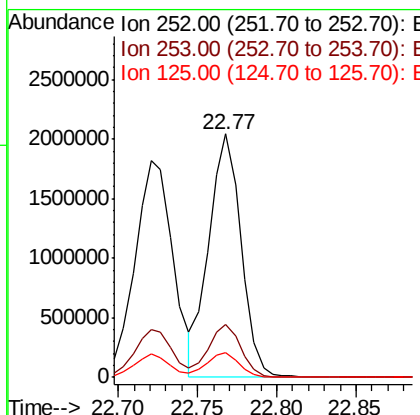
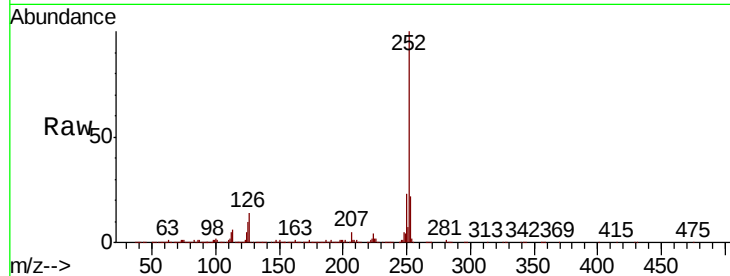




#89
Benzo(k)fluoranthene
Concen: 64.202 ng
RT: 22.77 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

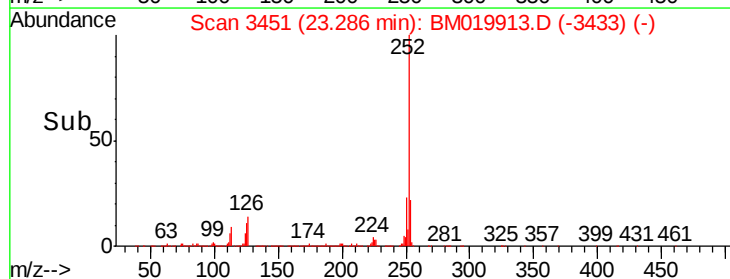
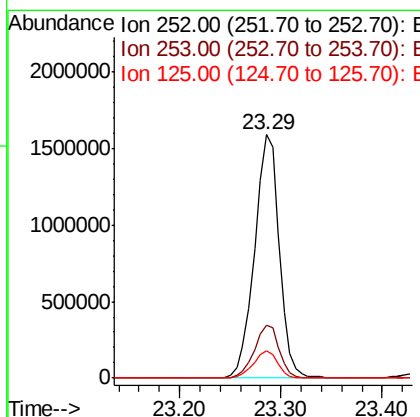
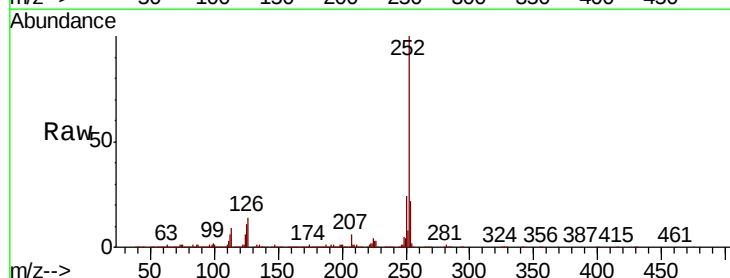
Instrument :
BNA_M
ClientSampled :

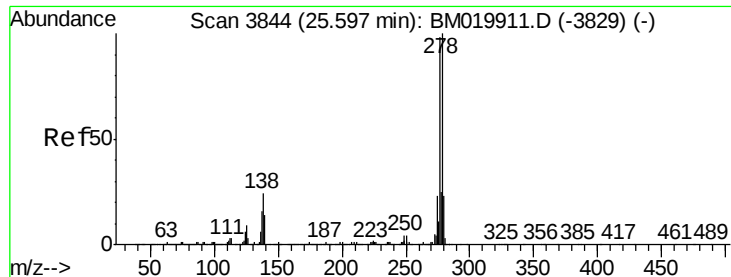
Tot Ion:252 Resp: 2882890
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.1 8.2 12.4



#90
Benzo(a)pyrene
Concen: 61.529 ng
RT: 23.29 min Scan# 3451
Delta R.T. 0.01 min
Lab File: BM019913.D
Acq: 15 Apr 2019 13:40

Tgt Ion:252 Resp: 2699463
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.3 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 60.484 ng

RT: 25.60 min Scan# 3845

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

Instrument :

BNA_M

ClientSampleId :

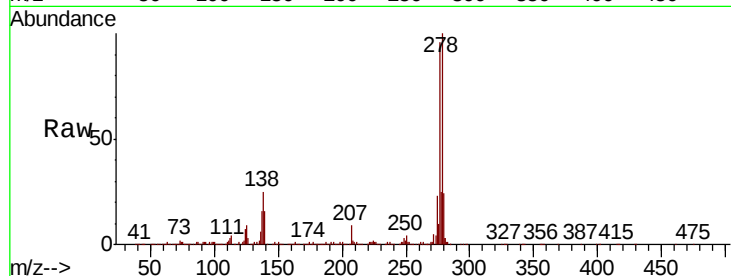
Tot Ion:278 Resp: 2538464

Ion Ratio Lower Upper

278 100

139 15.5 11.6 17.4

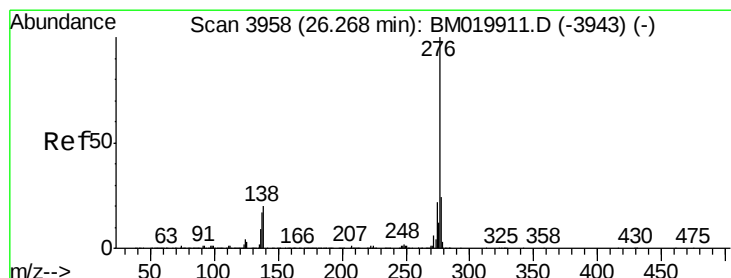
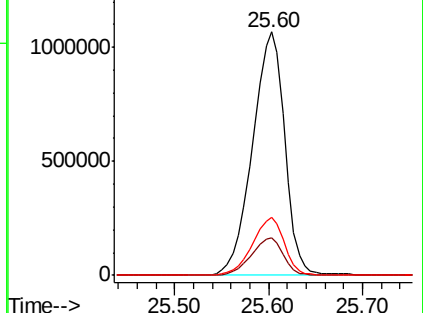
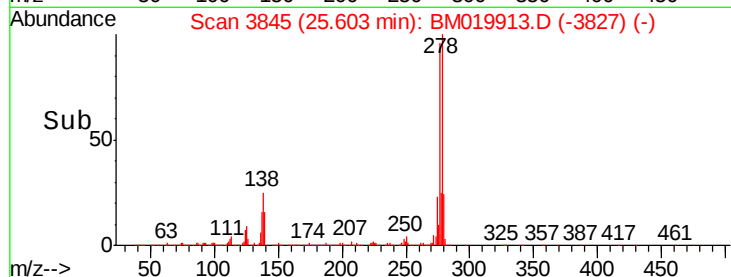
279 23.8 18.4 27.6



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: 58.474 ng

RT: 26.27 min Scan# 3959

Delta R.T. 0.01 min

Lab File: BM019913.D

Acq: 15 Apr 2019 13:40

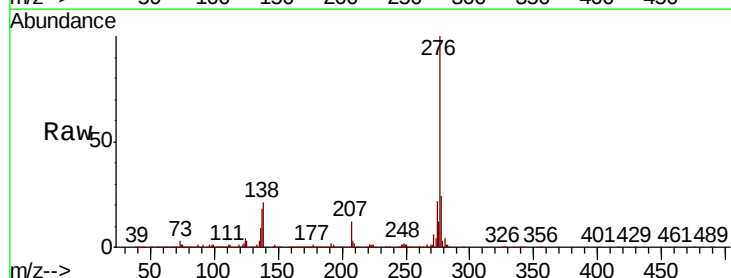
Tgt Ion:276 Resp: 2253093

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.8 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

