

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041519\
 Data File : BM019914.D
 Acq On : 15 Apr 2019 14:16
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 15 14:59:55 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	125187	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	596992	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	359430	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	788921	20.00	ng	0.00
76) Chrysene-d12	21.19	240	813436	20.00	ng	0.00
87) Perylene-d12	23.38	264	662526	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1272906	164.67	ng	0.00
7) Phenol-d6	6.73	99	1958357	173.20	ng	0.00
23) Nitrobenzene-d5	8.71	82	2186139	173.10	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	970622	182.90	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	4712452	170.54	ng	0.00
79) Terphenyl-d14	19.62	244	7906223	192.95	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.12	88	263491	76.624 ng	98
3) Pyridine	3.51	79	770426	82.350 ng	100
4) n-Nitrosodimethylamine	3.44	42	255987	88.014 ng	99
6) Aniline	6.89	93	1231805	84.382 ng	99
8) 2-Chlorophenol	7.10	128	787381	84.763 ng	99
9) Benzaldehyde	6.70	77	425197	59.785 ng	99
10) Phenol	6.76	94	1067757	87.625 ng	98
11) bis(2-Chloroethyl)ether	6.99	93	769023	82.705 ng	99
12) 1,3-Dichlorobenzene	7.42	146	807931	82.187 ng	100
13) 1,4-Dichlorobenzene	7.57	146	826335	82.450 ng	99
14) 1,2-Dichlorobenzene	7.87	146	822989	84.402 ng	99
15) Benzyl Alcohol	7.80	79	889224	95.023 ng	100
16) 2,2'-oxybis(1-Chloropropan	8.06	45	696800	73.391 ng	98
17) 2-Methylphenol	7.99	107	691851	87.128 ng	99
18) Hexachloroethane	8.58	117	320902	86.169 ng	96
19) n-Nitroso-di-n-propylamine	8.35	70	828953	89.363 ng	99
20) 3+4-Methylphenols	8.33	107	960535	89.115 ng	99
22) Acetophenone	8.37	105	1332044	80.738 ng	# 99
24) Nitrobenzene	8.75	77	1121960	85.419 ng	100
25) Isophorone	9.27	82	2084445	86.496 ng	99
26) 2-Nitrophenol	9.45	139	492333	90.428 ng	99
27) 2,4-Dimethylphenol	9.51	122	679068	83.898 ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	1187240	83.202 ng	99
29) 2,4-Dichlorophenol	9.98	162	789431	88.064 ng	97
30) 1,2,4-Trichlorobenzene	10.17	180	827182	81.834 ng	99
31) Naphthalene	10.36	128	2586515	82.201 ng	99
32) Benzoic acid	9.76	122	597886	87.220 ng	96
33) 4-Chloroaniline	10.50	127	1097663	85.099 ng	99
34) Hexachlorobutadiene	10.62	225	484113	83.459 ng	98
35) Caprolactam	11.37	113	224369	70.263 ng	96
36) 4-Chloro-3-methylphenol	11.65	107	966740	87.401 ng	99
37) 2-Methylnaphthalene	11.99	142	1886285	82.495 ng	99
38) 1-Methylnaphthalene	12.21	142	1862261	82.629 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	905289	79.623 ng	99

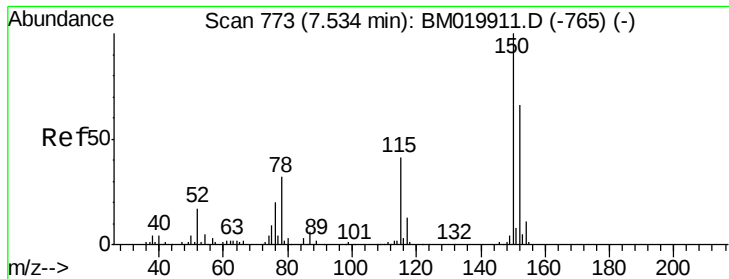
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041519\
 Data File : BM019914.D
 Acq On : 15 Apr 2019 14:16
 Operator : JU/SJ
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Instrument :
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Quant Time: Apr 15 14:59:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA 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)
41) Hexachlorocyclopentadiene	12.31	237	311645	60.513	ng	98
43) 2,4,6-Trichlorophenol	12.62	196	619759	84.349	ng	100
44) 2,4,5-Trichlorophenol	12.70	196	657639	83.701	ng	98
46) 1,1'-Biphenyl	13.02	154	2528495	80.552	ng	99
47) 2-Chloronaphthalene	13.07	162	1939474	82.777	ng	98
48) 2-Nitroaniline	13.31	65	713976	90.862	ng	99
49) Acenaphthylene	13.93	152	3387593	85.509	ng	100
50) Dimethylphthalate	13.68	163	2560256	83.267	ng	100
51) 2,6-Dinitrotoluene	13.82	165	572740	86.168	ng	98
52) Acenaphthene	14.27	154	1855107	81.492	ng	99
53) 3-Nitroaniline	14.16	138	592945	84.228	ng	96
54) 2,4-Dinitrophenol	14.38	184	332462	86.129	ng	98
55) Dibenzofuran	14.61	168	3049389	83.063	ng	98
56) 4-Nitrophenol	14.49	139	439592	76.481	ng	98
57) 2,4-Dinitrotoluene	14.62	165	842217	87.292	ng	93
58) Fluorene	15.26	166	2654294	87.715	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	587259	80.287	ng	98
60) Diethylphthalate	15.05	149	2662330	85.493	ng	98
61) 4-Chlorophenyl-phenylether	15.26	204	1281731	87.210	ng	99
62) 4-Nitroaniline	15.34	138	600404	84.630	ng	98
63) Azobenzene	15.56	77	2869524	87.569	ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	442078	85.512	ng	97
66) n-Nitrosodiphenylamine	15.49	169	2128932	84.762	ng	100
67) 4-Bromophenyl-phenylether	16.16	248	754005	86.669	ng	94
68) Hexachlorobenzene	16.26	284	900219	87.036	ng	97
69) Atrazine	16.45	200	682543	80.728	ng	99
70) Pentachlorophenol	16.62	266	476854	76.522	ng	100
71) Phenanthrene	17.01	178	3829702	82.820	ng	99
72) Anthracene	17.10	178	3838346	84.791	ng	100
73) Carbazole	17.39	167	3592411	84.081	ng	99
74) Di-n-butylphthalate	17.93	149	4742921	91.799	ng	99
75) Fluoranthene	19.04	202	4431868	83.525	ng	100
77) Benzidine	19.25	184	1405908	60.942	ng	99
78) Pyrene	19.41	202	4476506	86.978	ng	100
80) Butylbenzylphthalate	20.32	149	2182824	97.375	ng	96
81) Benzo(a)anthracene	21.17	228	4170020	81.714	ng	100
82) 3,3'-Dichlorobenzidine	21.11	252	1462946	74.415	ng	99
83) Chrysene	21.23	228	3998434	80.989	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	3211227	98.465	ng	98
85) Di-n-octyl phthalate	21.95	149	5037947	91.739	ng	100
86) Indeno(1,2,3-cd)pyrene	25.61	276	3749753	70.556	ng	99
88) Benzo(b)fluoranthene	22.73	252	3610087	84.092	ng	99
89) Benzo(k)fluoranthene	22.77	252	3469451	87.865	ng	99
90) Benzo(a)pyrene	23.29	252	3196029	82.842	ng	99
91) Dibenzo(a,h)anthracene	25.61	278	3171434	85.934	ng	99
92) Benzo(g,h,i)perylene	26.28	276	2831875	83.579	ng	99

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

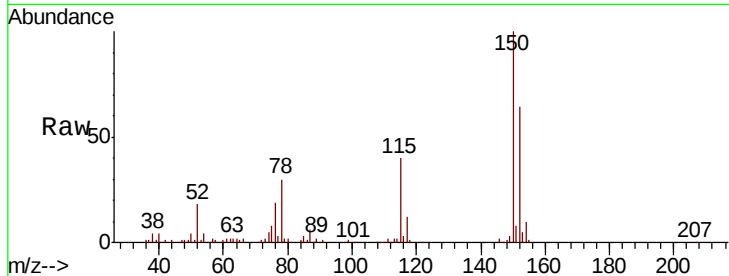


#1

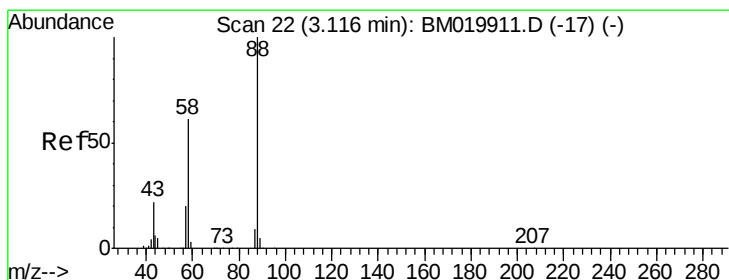
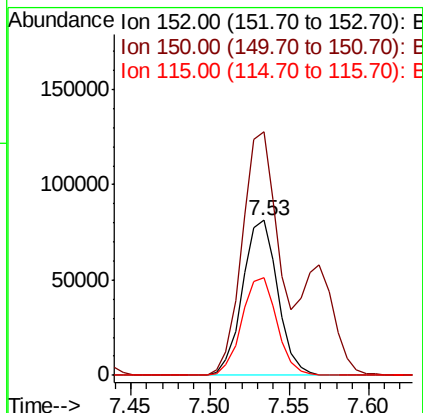
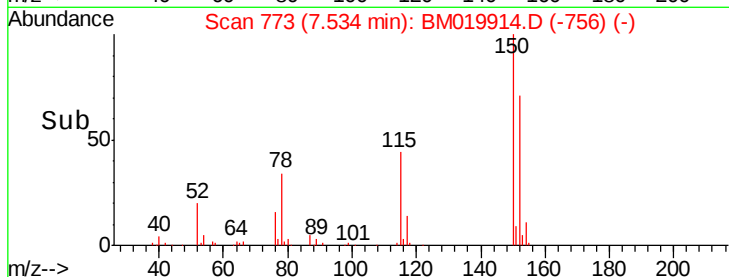
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 773
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 125187
Ion Ratio Lower Upper
152 100
150 156.9 122.1 183.1
115 62.6 50.0 75.0



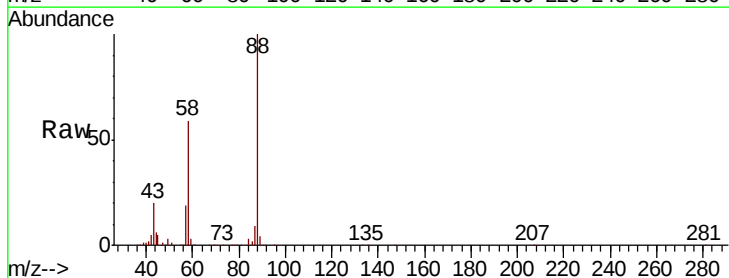
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



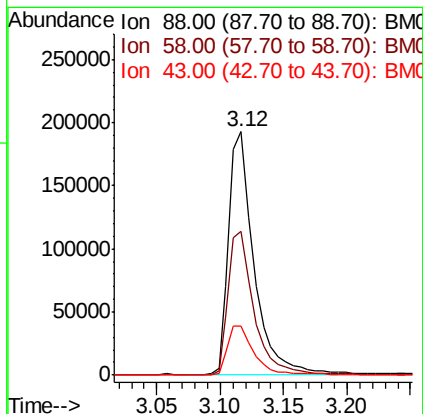
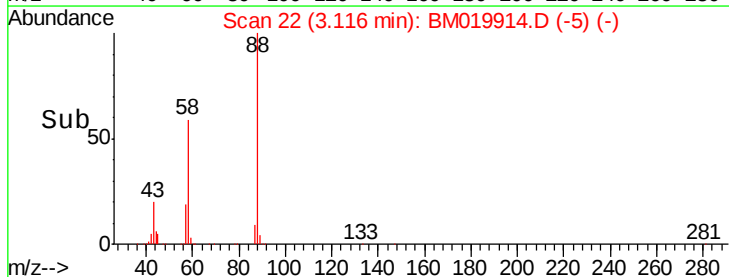
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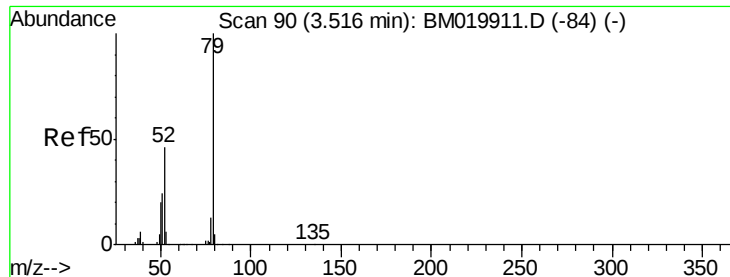
1,4-Dioxane
Concen: 76.624 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion: 88 Resp: 263491
Ion Ratio Lower Upper
88 100
58 60.9 49.6 74.4
43 21.0 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: 82.350 ng

RT: 3.51 min Scan# 89

Delta R.T. -0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampled :

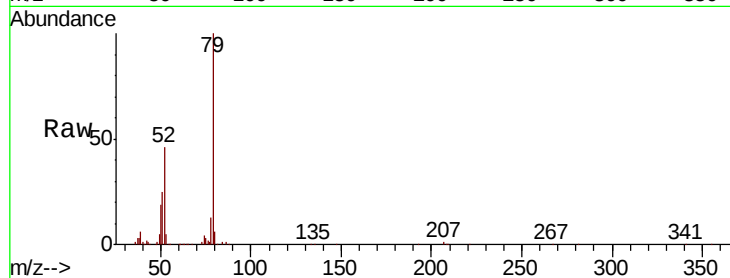
Tot Ion: 79 Resp: 770426

Ion Ratio Lower Upper

79 100

52 46.2 36.9 55.3

51 24.6 20.0 30.0

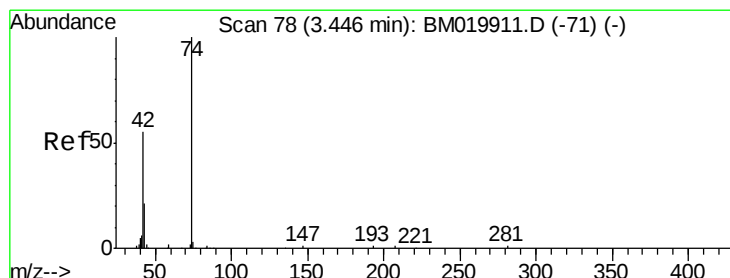
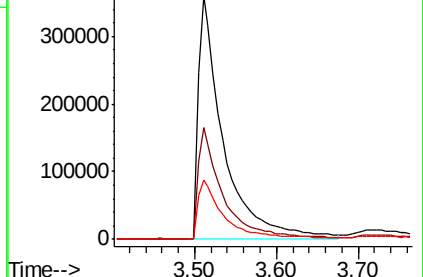
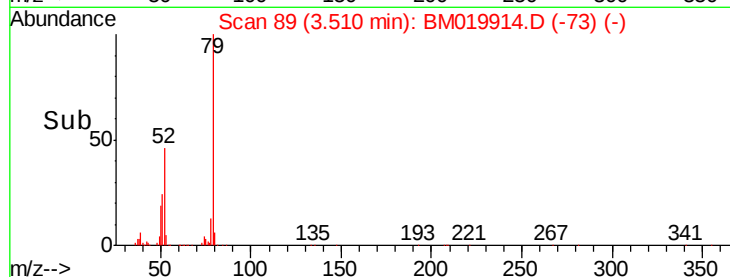


Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-84) (-)

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

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

3.51



#4

n-Nitrosodimethylamine

Concen: 88.014 ng

RT: 3.44 min Scan# 77

Delta R.T. -0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

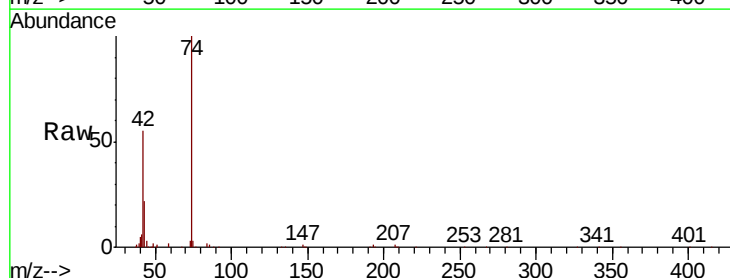
Tgt Ion: 42 Resp: 255987

Ion Ratio Lower Upper

42 100

74 181.6 144.6 217.0

44 6.1 5.4 8.2

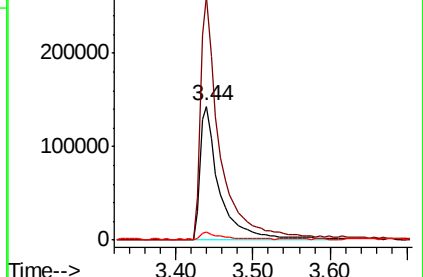
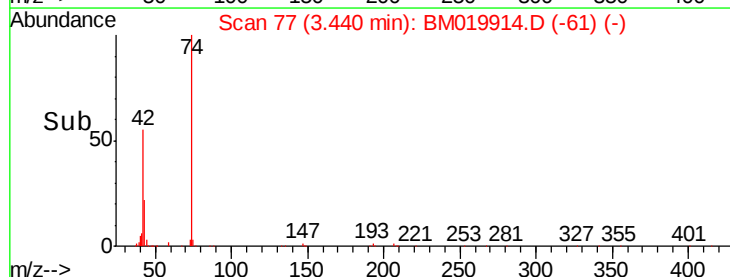


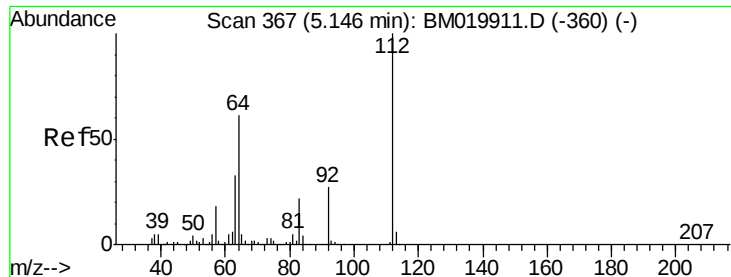
Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

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

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

3.44





#5

2-Fluorophenol

Concen: 164.669 ng

RT: 5.15 min Scan# 367

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

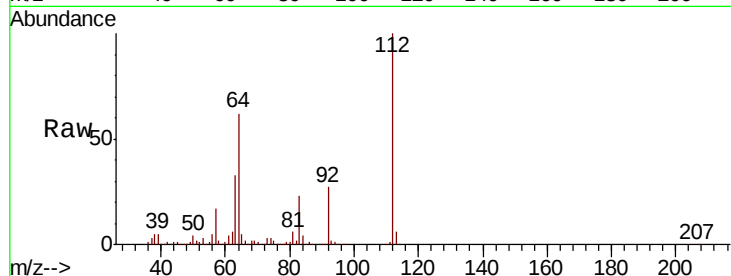
Tot Ion:112 Resp: 1272906

Ion Ratio Lower Upper

112 100

64 61.9 49.1 73.7

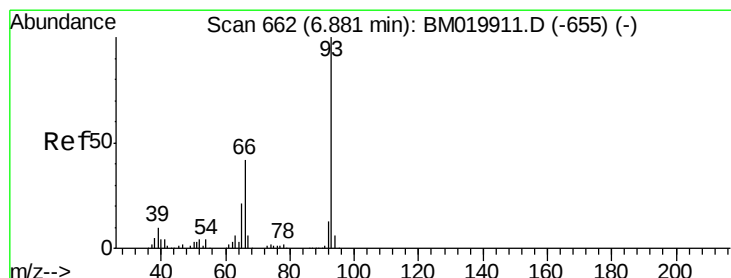
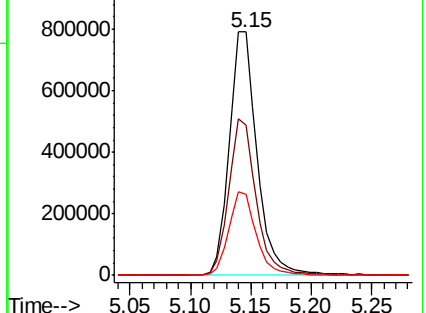
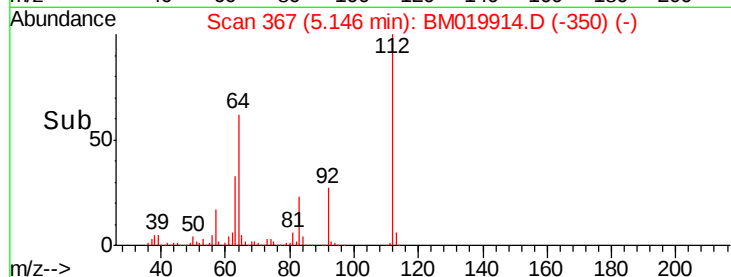
63 33.2 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 84.382 ng

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

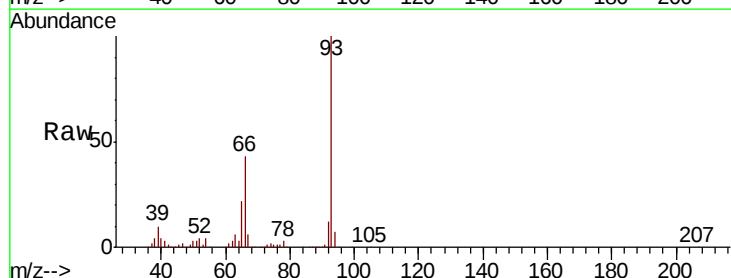
Tgt Ion: 93 Resp: 1231805

Ion Ratio Lower Upper

93 100

66 42.8 33.9 50.9

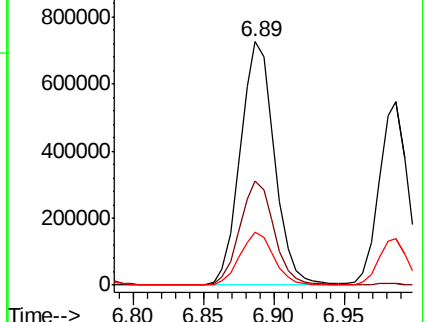
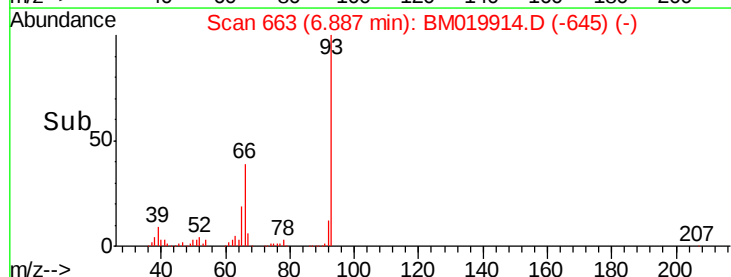
65 21.6 17.0 25.6

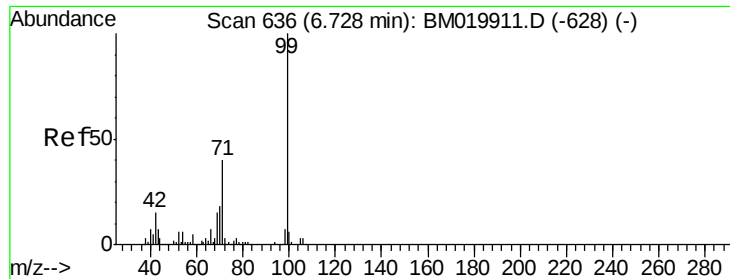


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 173.201 ng

RT: 6.73 min Scan# 637

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

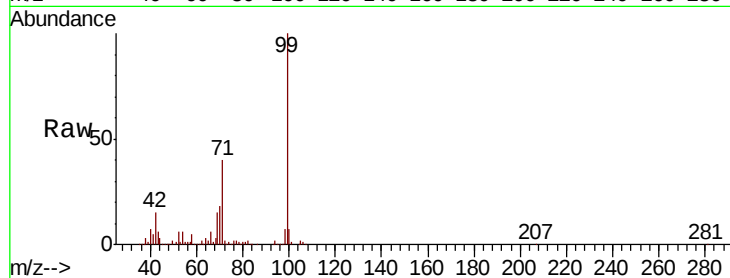
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1958357

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.8	17.8
71	39.9	32.0	48.0



Abundance

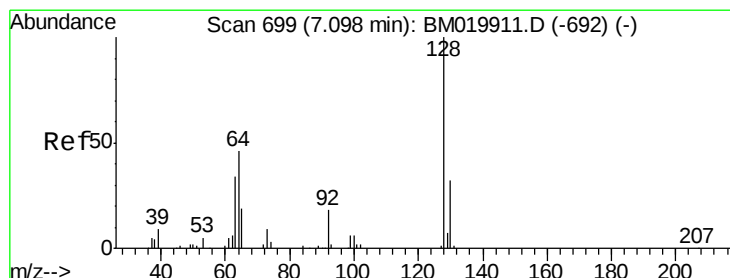
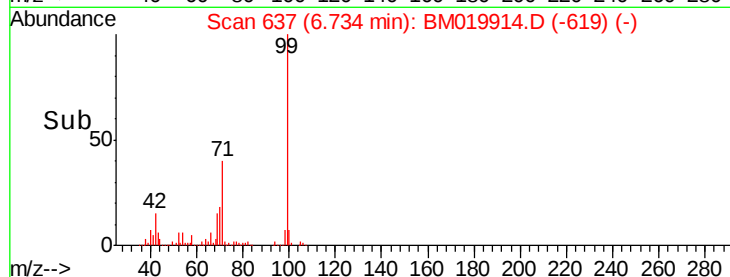
Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

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

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

6.73

Time-->



#8

2-Chlorophenol

Concen: 84.763 ng

RT: 7.10 min Scan# 700

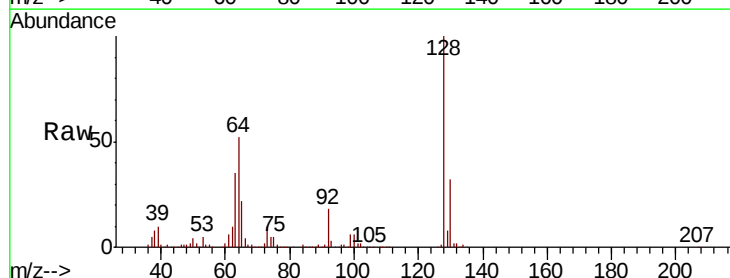
Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion:128 Resp: 787381

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.0	52.0
64	52.4	33.0	73.0



Abundance

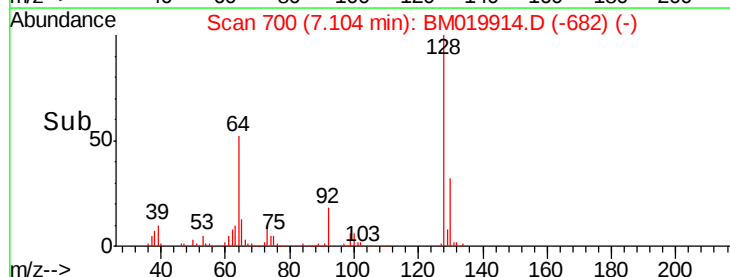
Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

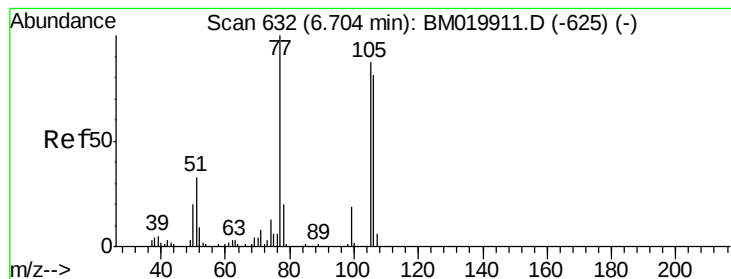
Ion 130.00 (129.70 to 130.70): BM019911.D (-692) (-)

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

7.10

Time-->





#9

Benzaldehyde

Concen: 59.785 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

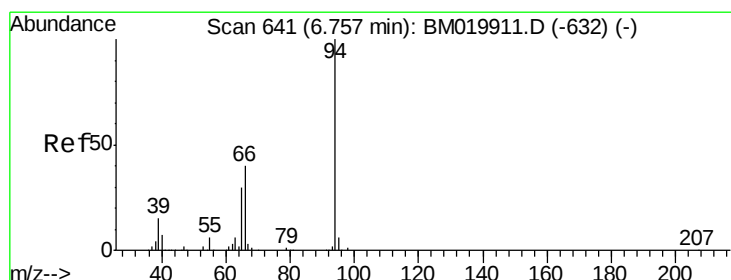
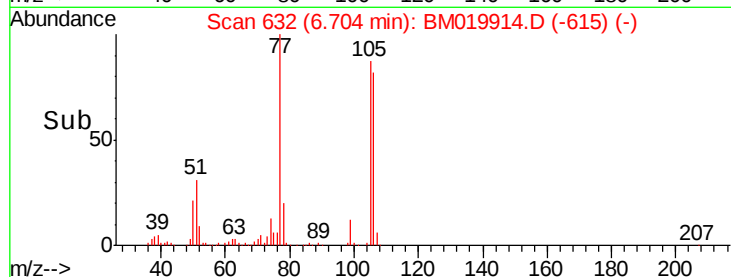
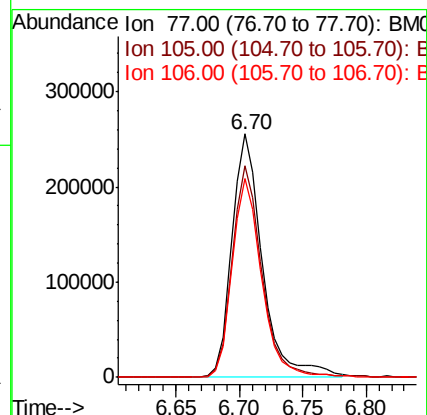
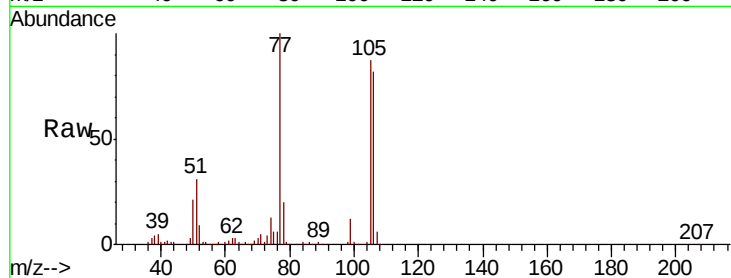
Tot Ion: 77 Resp: 425197

Ion Ratio Lower Upper

77 100

105 87.1 67.3 107.3

106 81.6 60.6 100.6



#10

Phenol

Concen: 87.625 ng

RT: 6.76 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

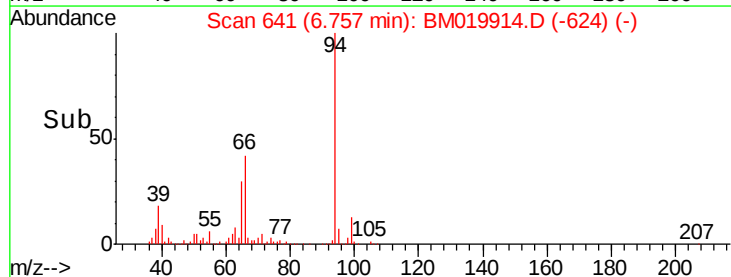
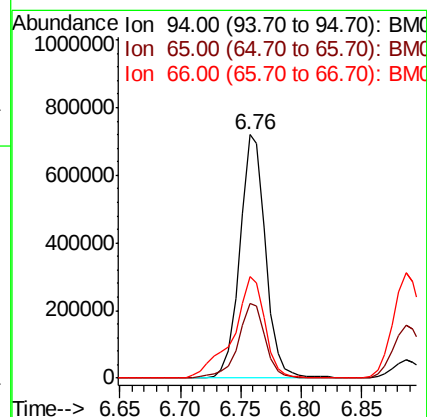
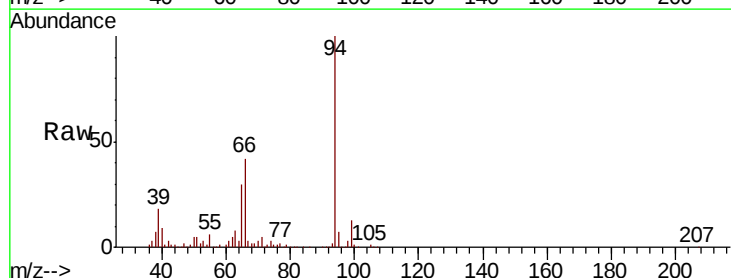
Tgt Ion: 94 Resp: 1067757

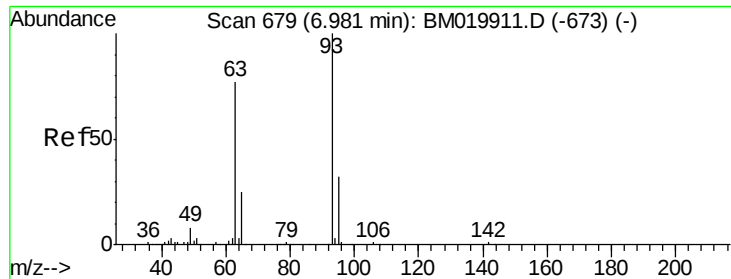
Ion Ratio Lower Upper

94 100

65 30.4 10.0 50.0

66 41.8 20.2 60.2

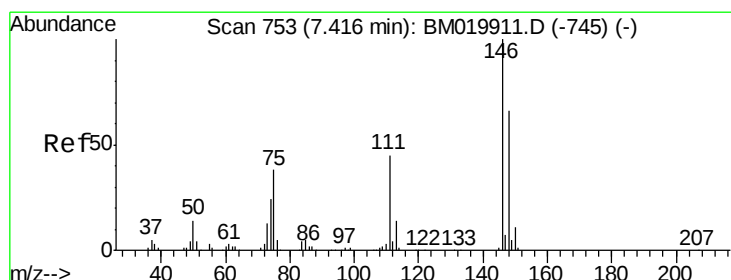
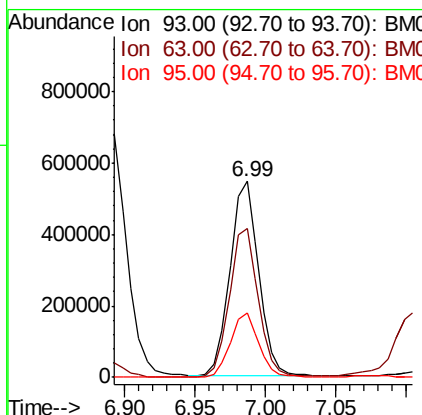
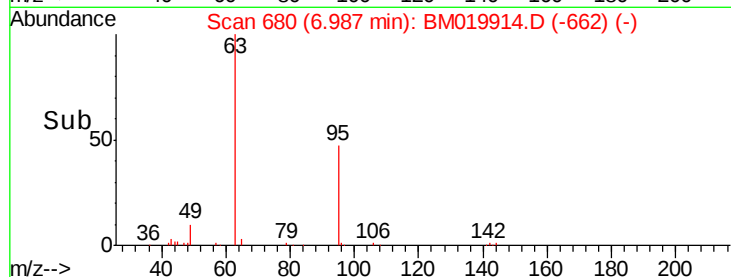
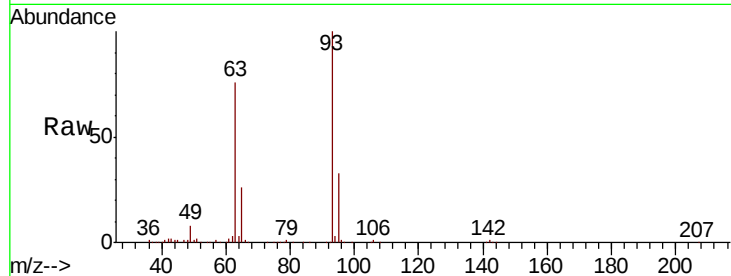




#11
bis(2-Chloroethyl)ether
Concen: 82.705 ng
RT: 6.99 min Scan# 680
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

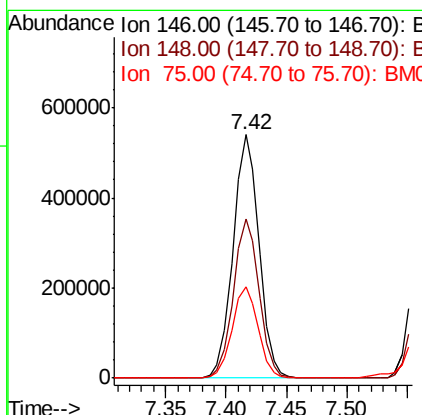
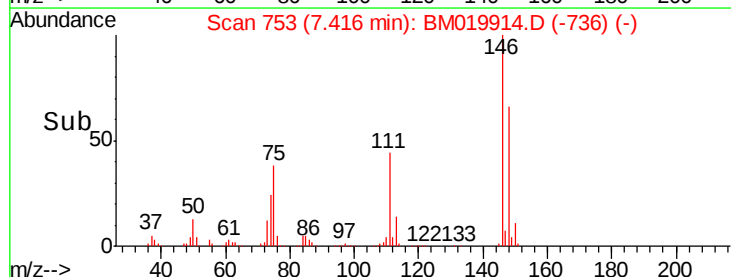
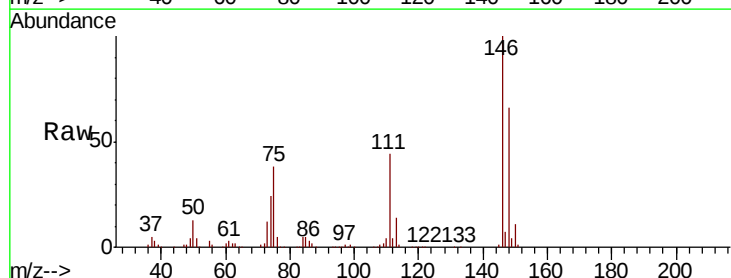
Instrument :
BNA_M
ClientSampled :

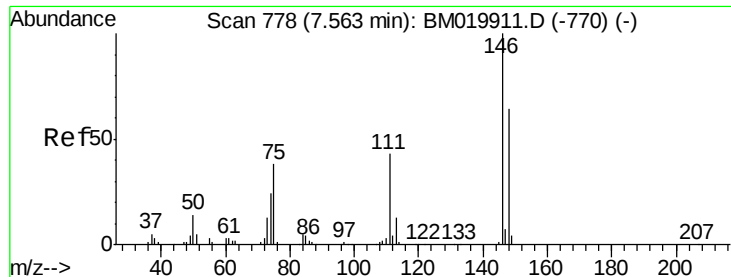
Tot Ion: 93 Resp: 769023
Ion Ratio Lower Upper
93 100
63 75.6 55.8 95.8
95 32.5 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 82.187 ng
RT: 7.42 min Scan# 753
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion: 146 Resp: 807931
Ion Ratio Lower Upper
146 100
148 65.6 52.6 78.8
75 37.6 30.0 45.0

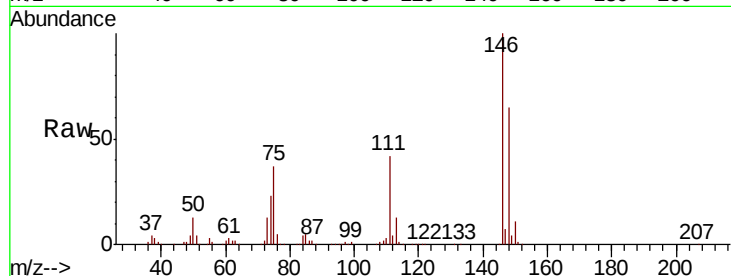




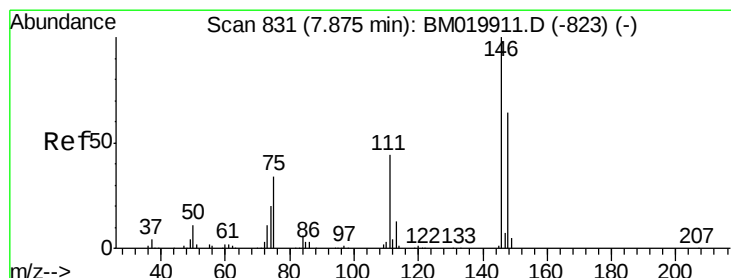
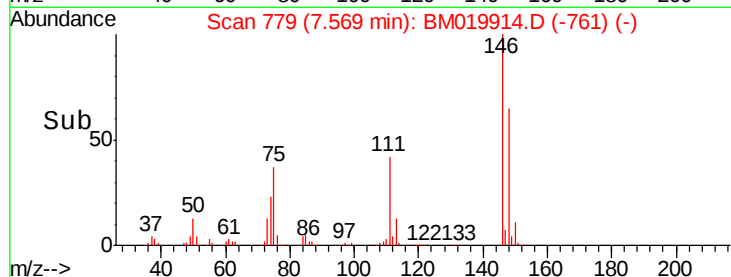
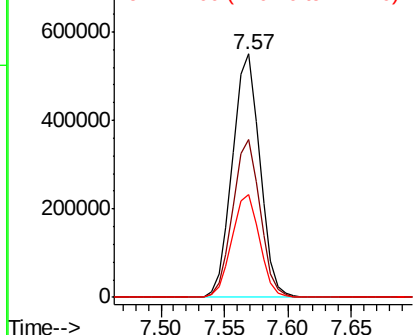
#13
 1,4-Dichlorobenzene
 Concen: 82.450 ng
 RT: 7.57 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 826335
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 42.0 34.6 51.8

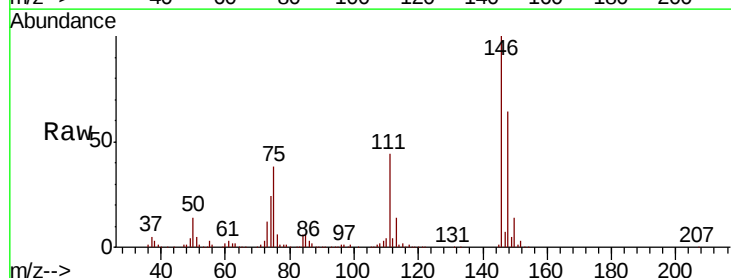


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

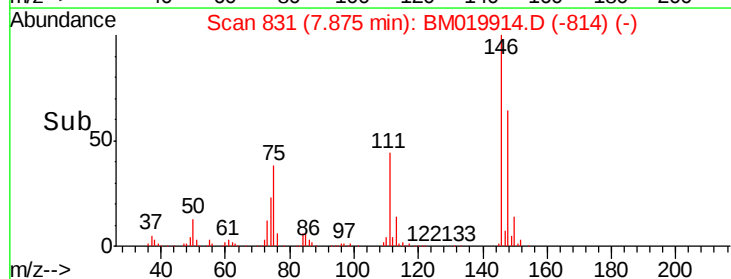
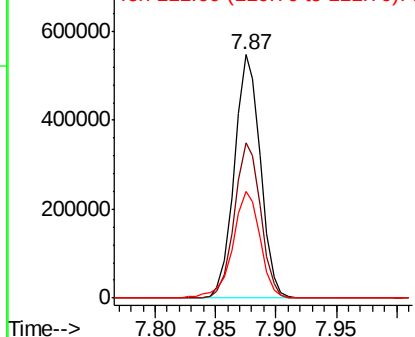


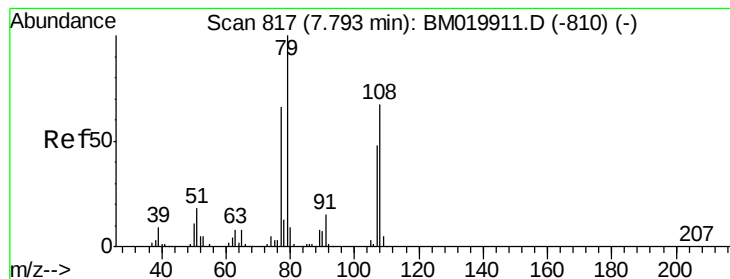
#14
 1,2-Dichlorobenzene
 Concen: 84.402 ng
 RT: 7.87 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion:146 Resp: 822989
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.2
 111 44.1 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: 95.023 ng

RT: 7.80 min Scan# 818

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampled :

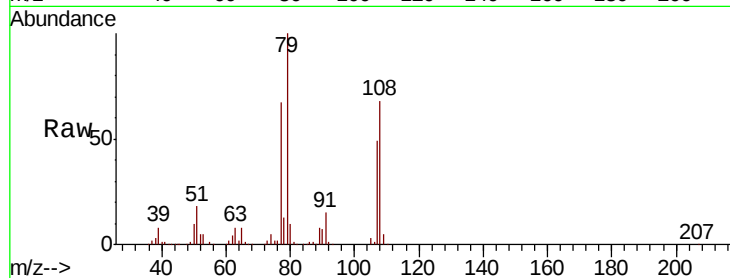
Tot Ion: 79 Resp: 889224

Ion Ratio Lower Upper

79 100

108 67.5 53.9 80.9

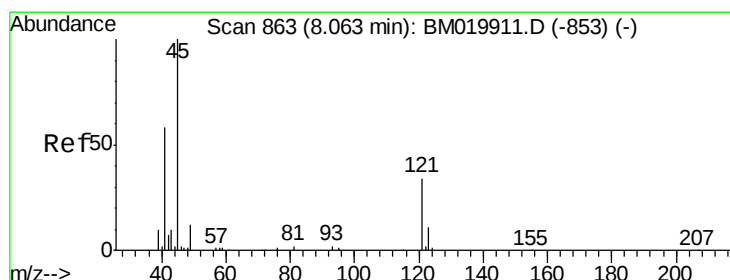
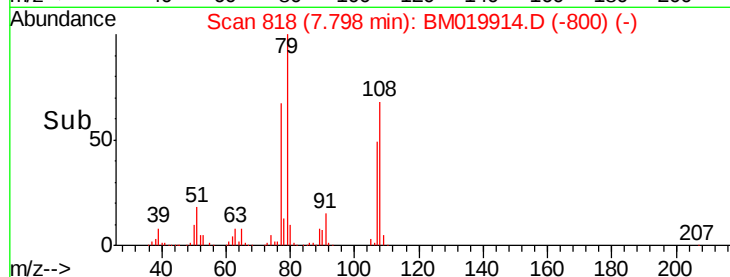
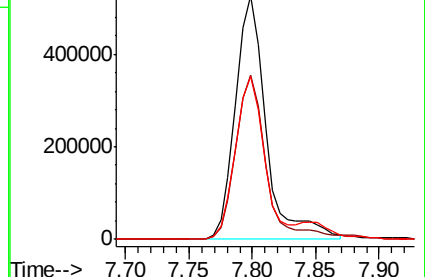
77 67.0 53.1 79.7



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

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

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 73.391 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

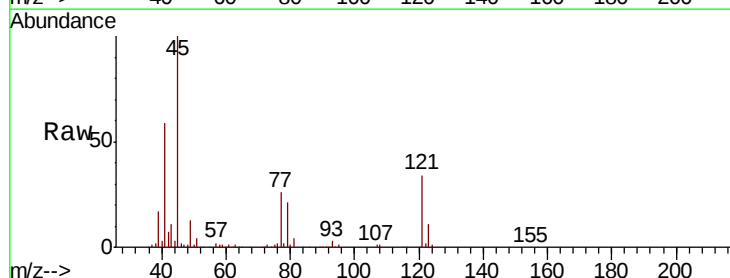
Tgt Ion: 45 Resp: 696800

Ion Ratio Lower Upper

45 100

77 25.8 7.2 47.2

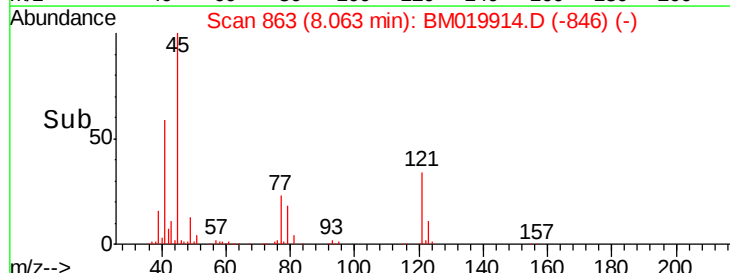
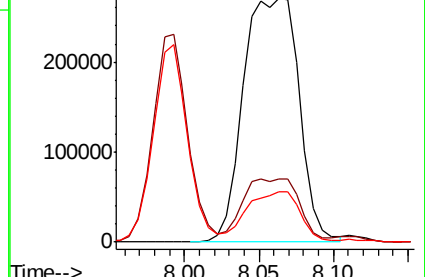
79 20.7 1.2 41.2

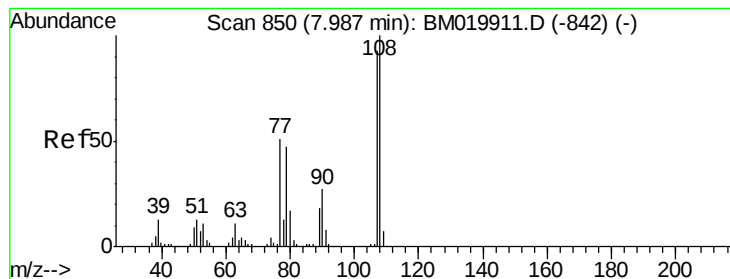


Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)

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

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

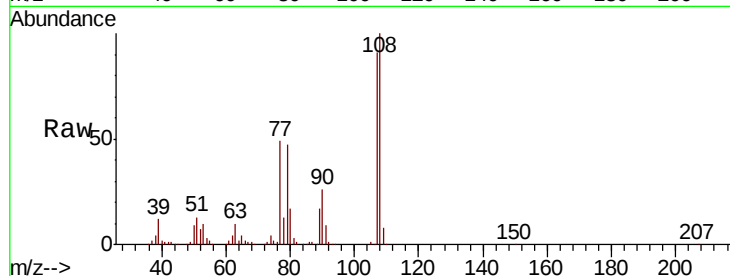




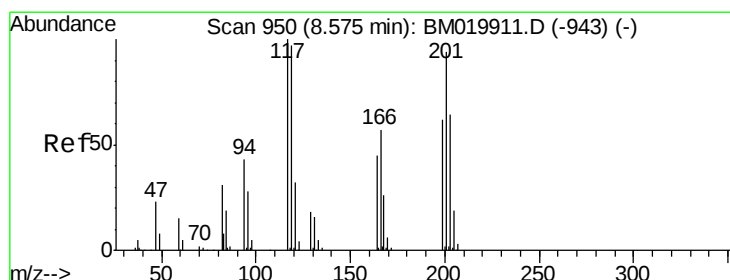
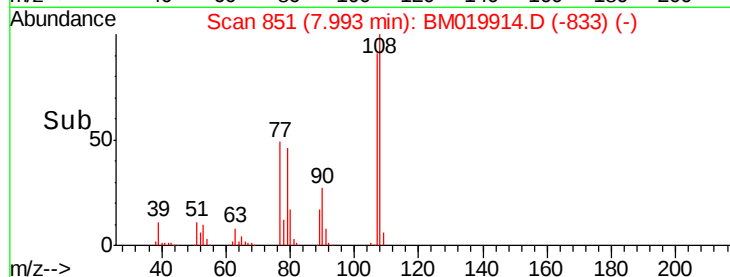
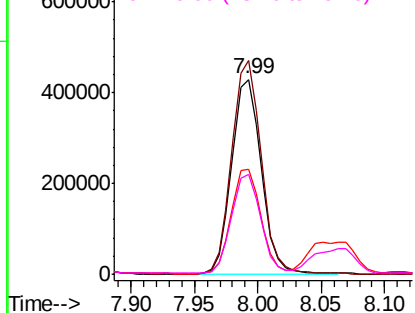
#17
2-Methylphenol
Concen: 87.128 ng
RT: 7.99 min Scan# 851
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	691851
Ion	Ratio	Lower	Upper
107	100		
108	109.7	85.9	128.9
77	53.8	43.8	65.6
79	51.2	41.1	61.7

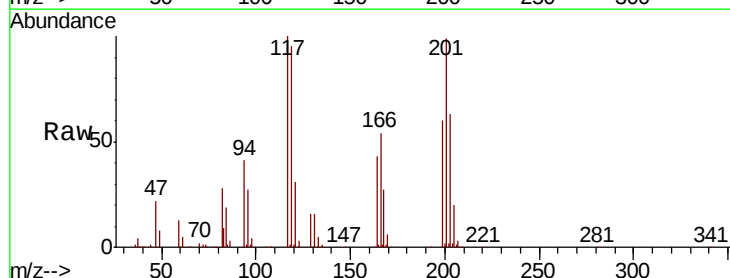


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

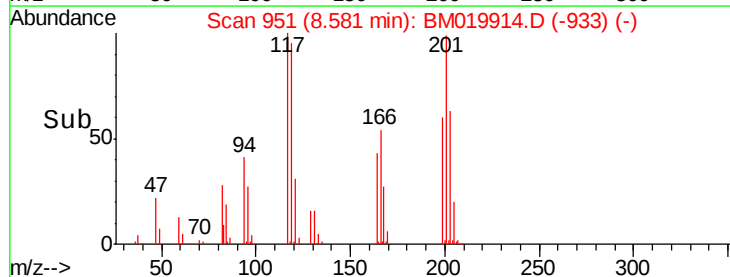
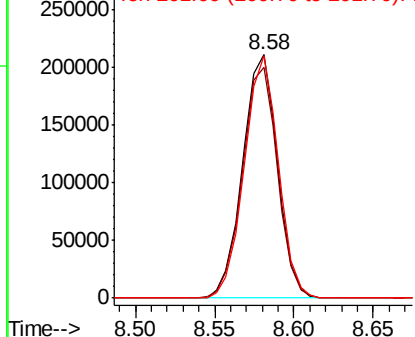


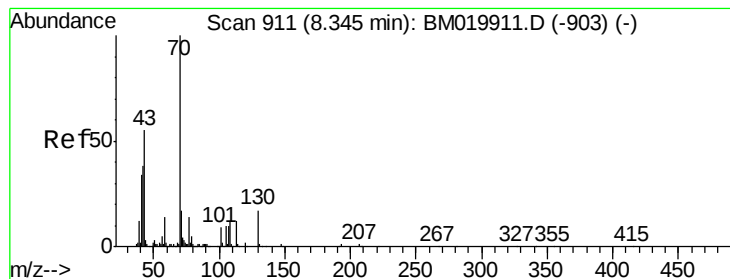
#18
Hexachloroethane
Concen: 86.169 ng
RT: 8.58 min Scan# 951
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:	117	Resp:	320902
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.6	116.4
201	99.4	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: 89.363 ng

RT: 8.35 min Scan# 912

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 828953

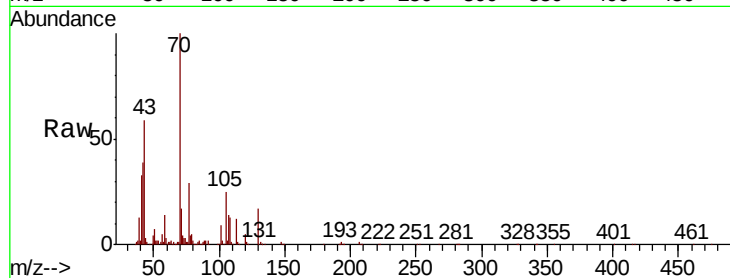
Ion Ratio Lower Upper

70 100

42 38.9 30.3 45.5

101 8.7 6.9 10.3

130 17.5 13.8 20.6

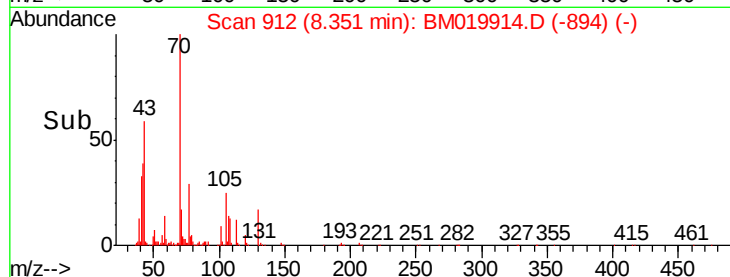
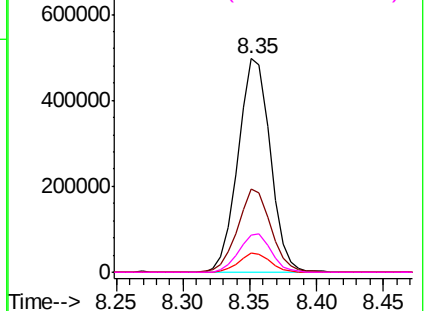


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 89.115 ng

RT: 8.33 min Scan# 908

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion:107 Resp: 960535

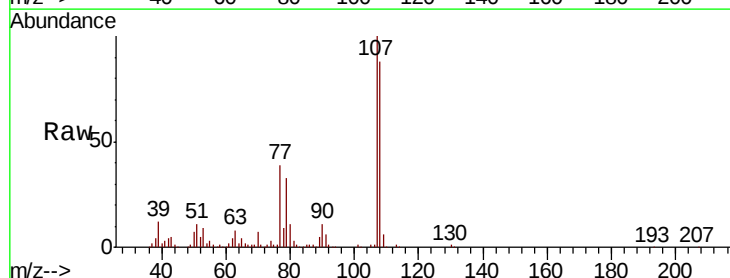
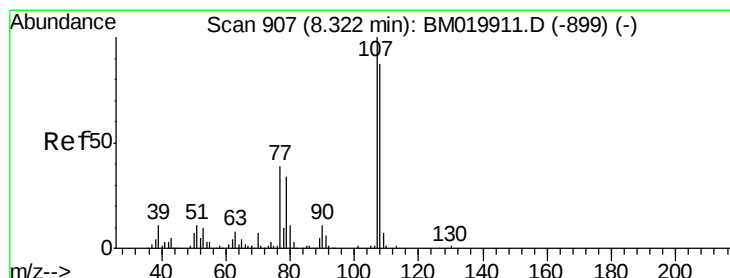
Ion Ratio Lower Upper

107 100

108 88.4 67.4 107.4

77 39.3 19.7 59.7

79 33.4 14.1 54.1

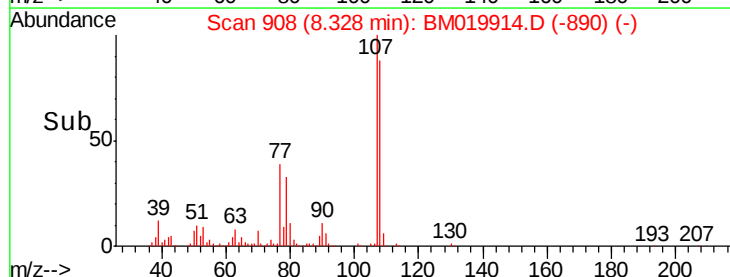
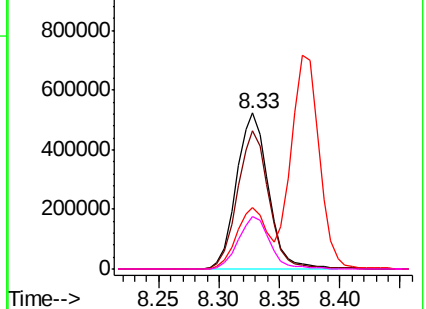


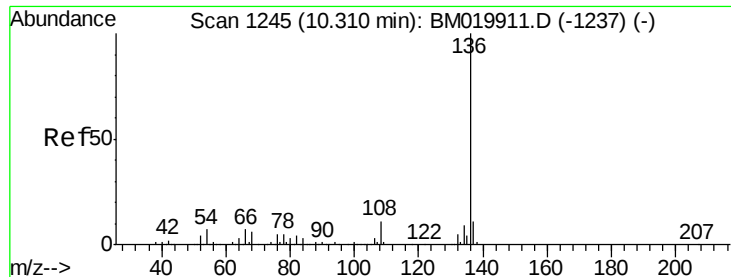
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 596992

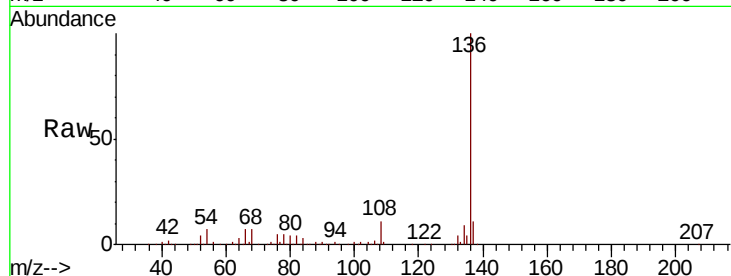
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 6.5 5.3 7.9

68 6.8 5.2 7.8

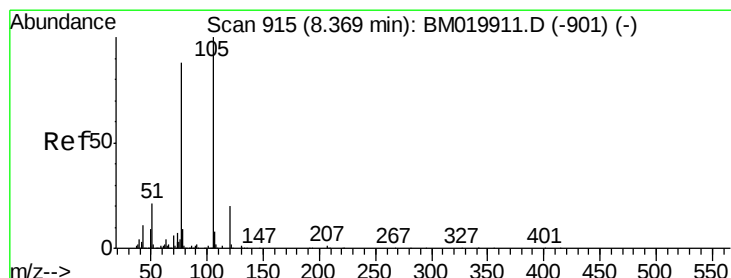
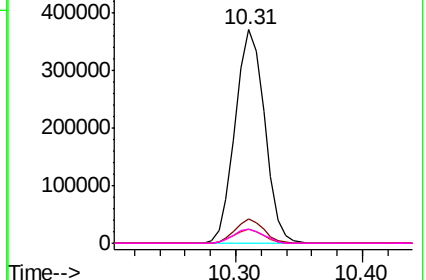
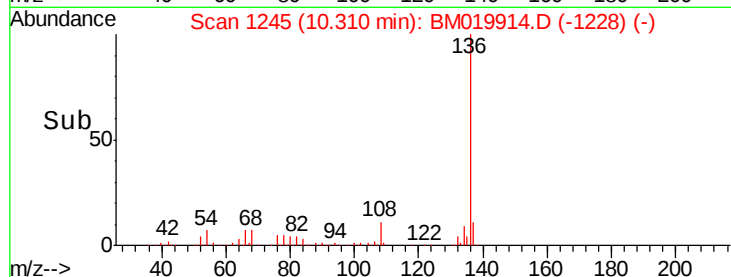


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.738 ng

RT: 8.37 min Scan# 915

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion:105 Resp: 1332044

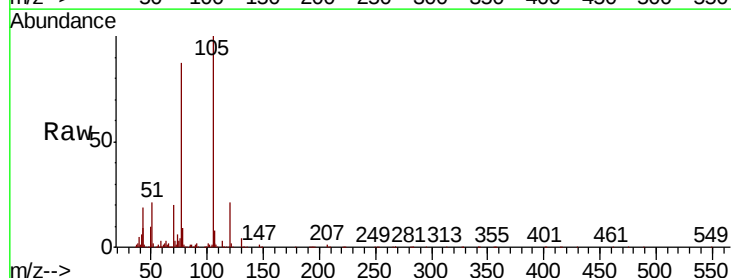
Ion Ratio Lower Upper

105 100

71 3.2 0.8 1.2#

51 20.9 16.9 25.3

120 21.2 16.4 24.6

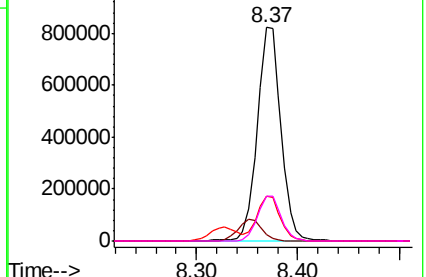
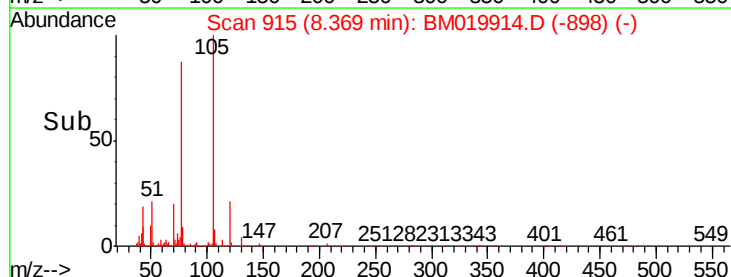


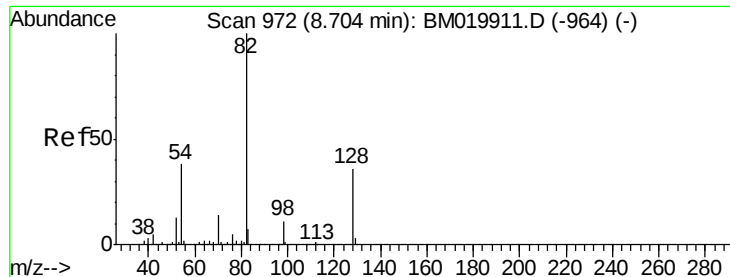
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

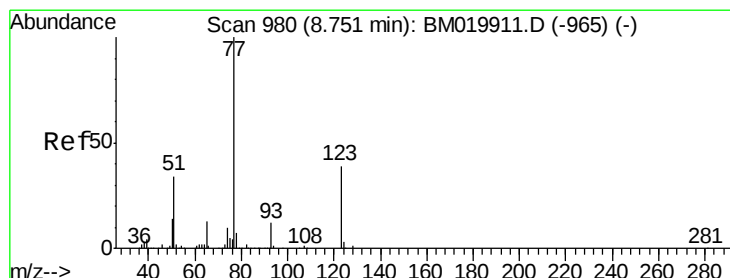
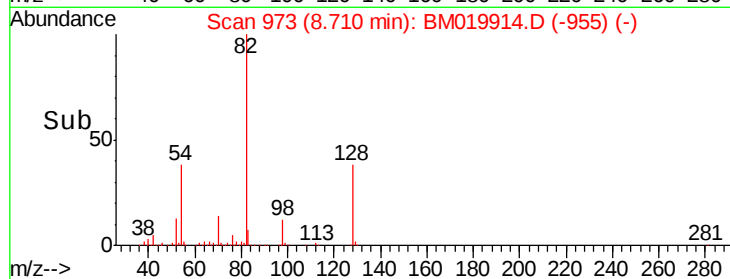
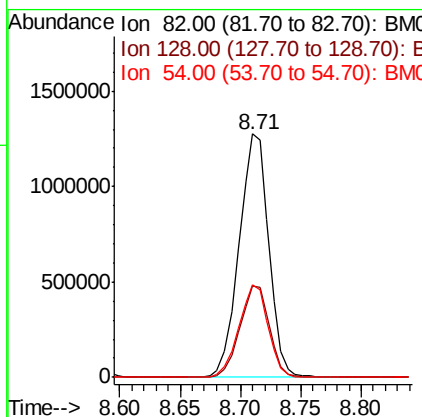
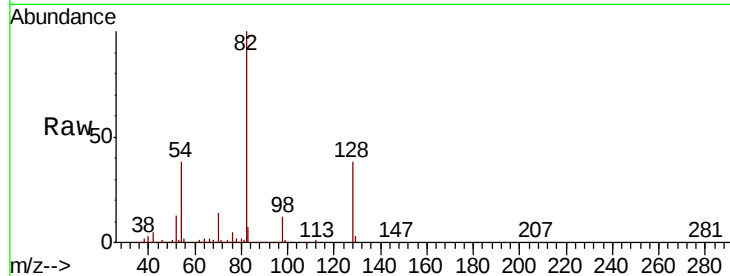




#23
 Nitrobenzene-d5
 Concen: 173.100 ng
 RT: 8.71 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

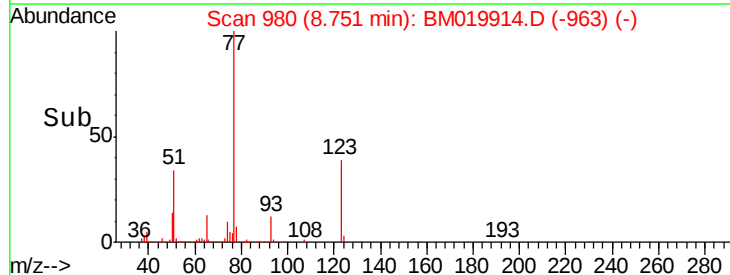
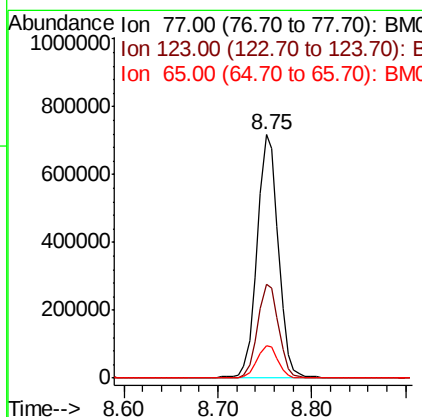
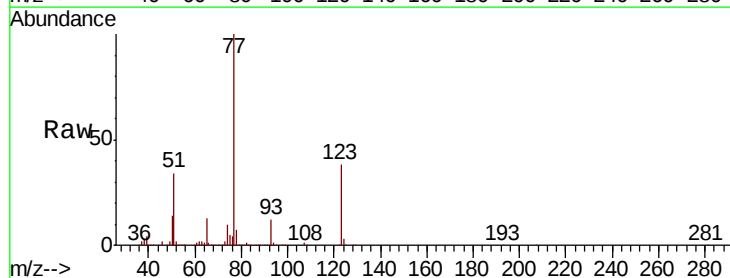
Instrument :
 BNA_M
 ClientSampleId :

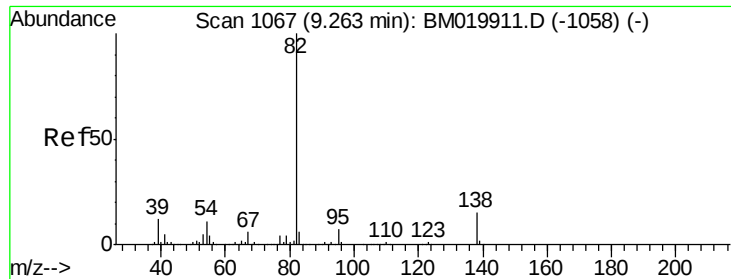
Tot Ion: 82 Resp: 2186139
 Ion Ratio Lower Upper
 82 100
 128 37.5 29.0 43.4
 54 37.9 30.2 45.4



#24
 Nitrobenzene
 Concen: 85.419 ng
 RT: 8.75 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion: 77 Resp: 1121960
 Ion Ratio Lower Upper
 77 100
 123 38.5 31.0 46.4
 65 13.2 10.6 16.0





#25

Isophorone

Concen: 86.496 ng

RT: 9.27 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

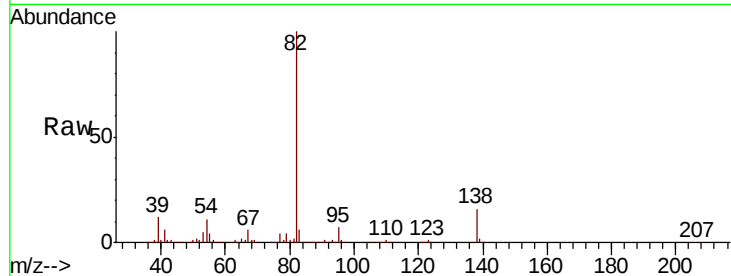
Tot Ion: 82 Resp: 2084445

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

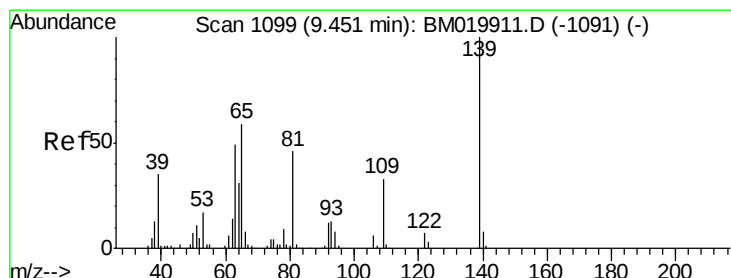
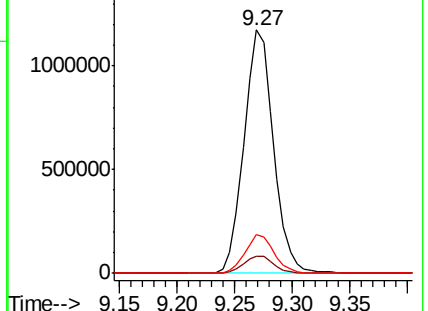
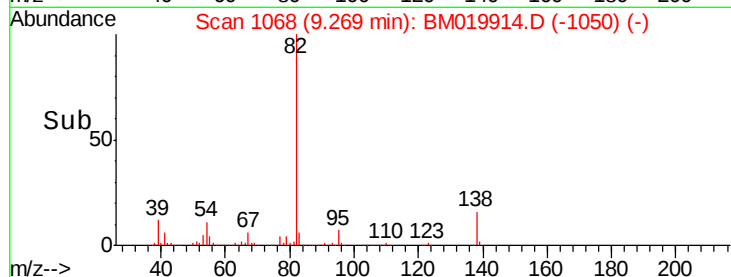
138 15.8 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM019911.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM019911.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM019911.D (-1058) (-)



#26

2-Nitrophenol

Concen: 90.428 ng

RT: 9.45 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

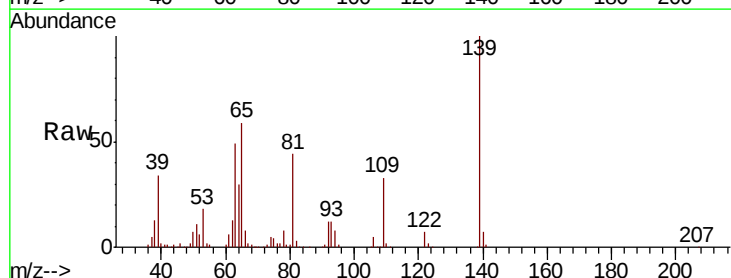
Tgt Ion: 139 Resp: 492333

Ion Ratio Lower Upper

139 100

109 33.4 26.3 39.5

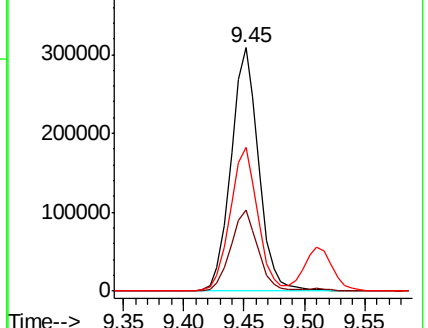
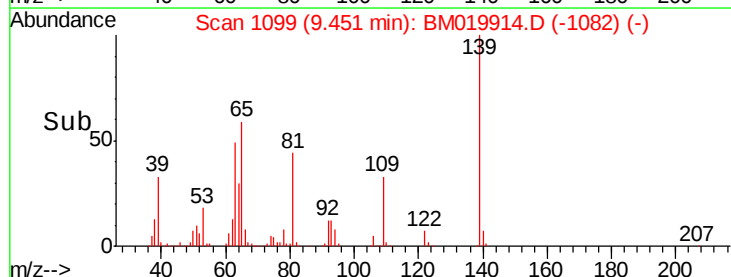
65 59.0 47.4 71.2

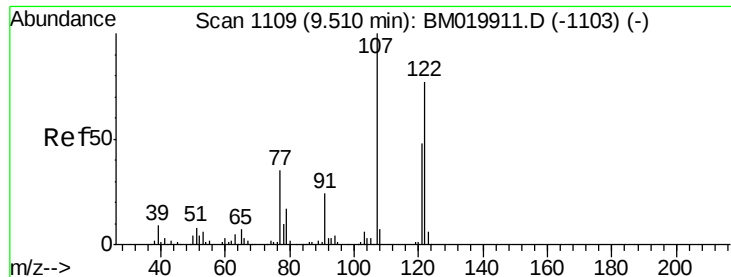


Abundance Ion 139.00 (138.70 to 139.70): BM019911.D (-1091) (-)

Ion 109.00 (108.70 to 109.70): BM019911.D (-1091) (-)

Ion 65.00 (64.70 to 65.70): BM019911.D (-1091) (-)





#27

2,4-Dimethylphenol

Concen: 83.898 ng

RT: 9.51 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

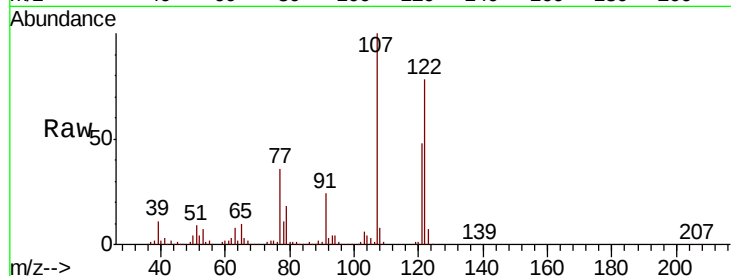
Tot Ion:122 Resp: 679068

Ion Ratio Lower Upper

122 100

107 128.3 103.1 154.7

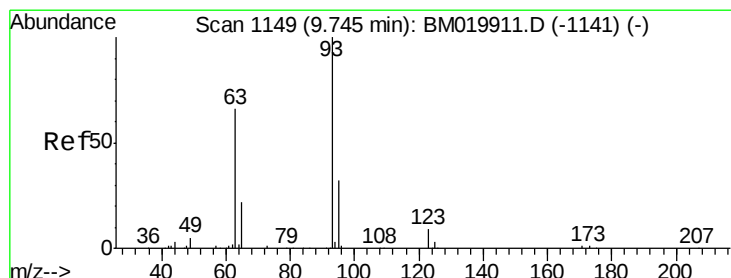
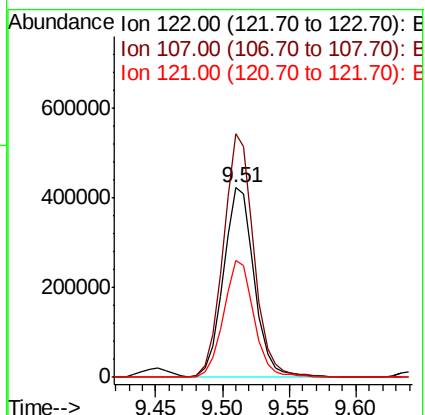
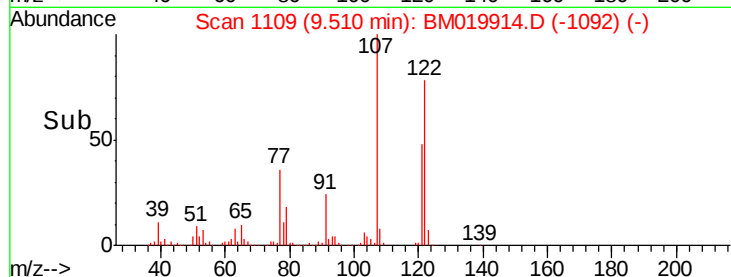
121 61.4 49.8 74.8



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: 83.202 ng

RT: 9.75 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

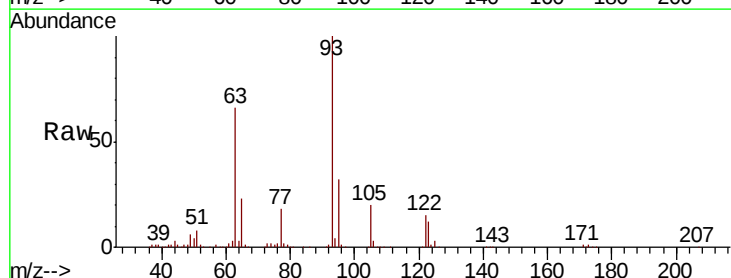
Tgt Ion: 93 Resp: 1187240

Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.8

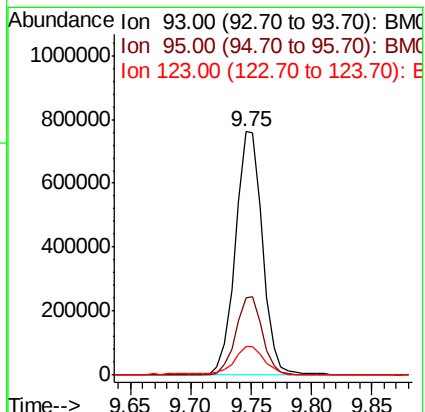
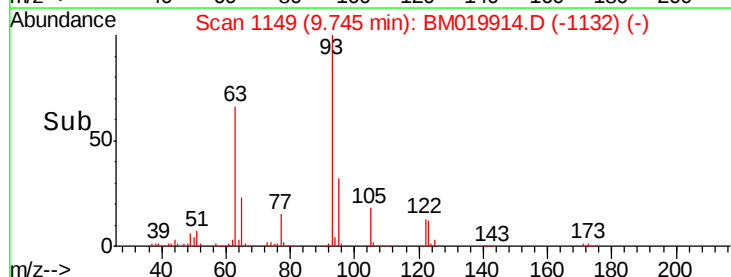
123 11.7 8.2 12.2

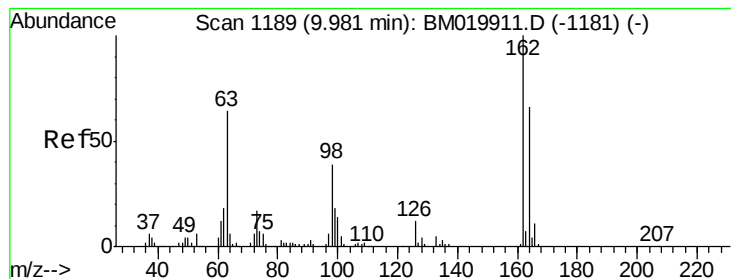


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 88.064 ng

RT: 9.98 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

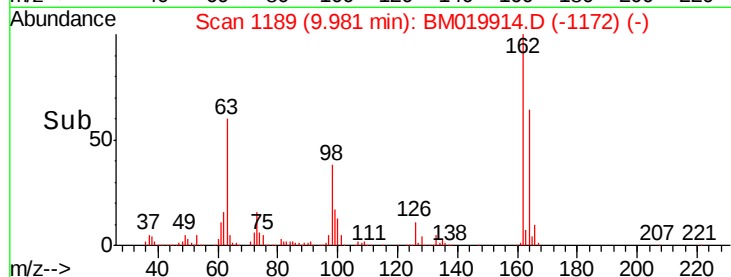
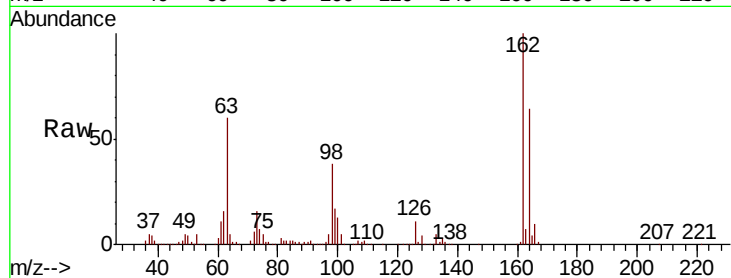
Tot Ion:162 Resp: 789431

Ion Ratio Lower Upper

162 100

164 63.6 46.3 86.3

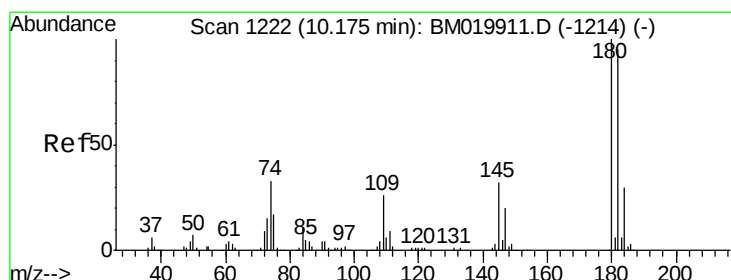
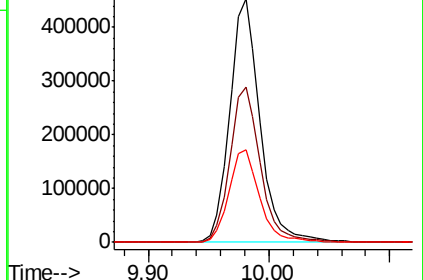
98 38.2 19.2 59.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 81.834 ng

RT: 10.17 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

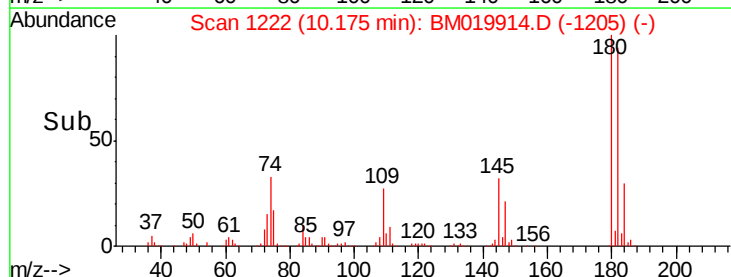
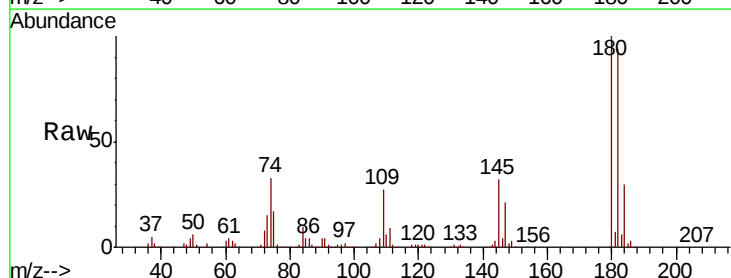
Tgt Ion:180 Resp: 827182

Ion Ratio Lower Upper

180 100

182 94.0 76.3 114.5

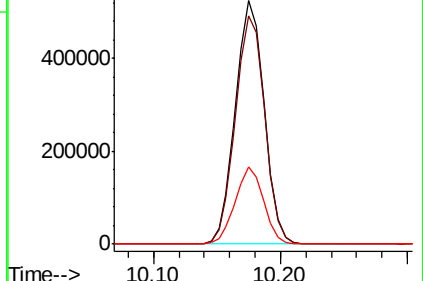
145 31.9 25.5 38.3

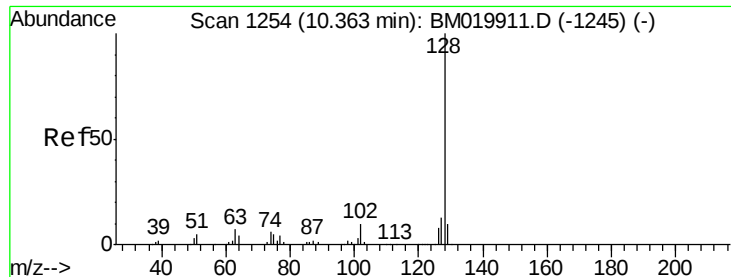


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

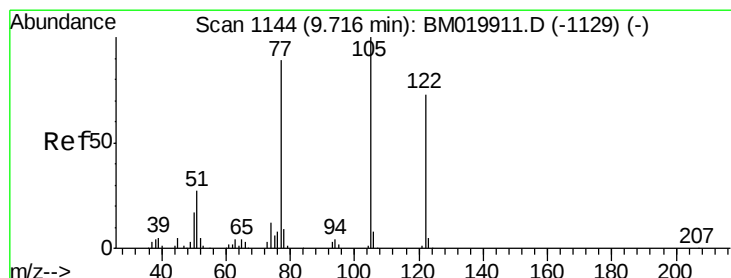
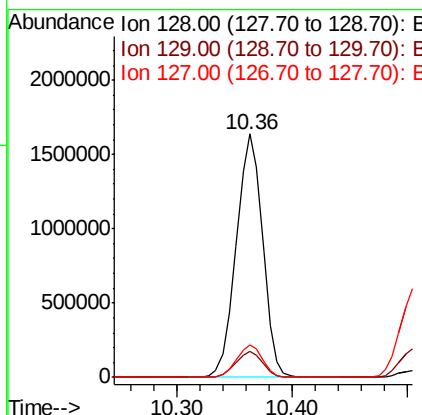
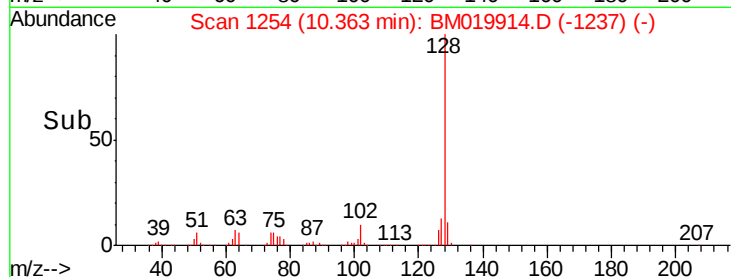
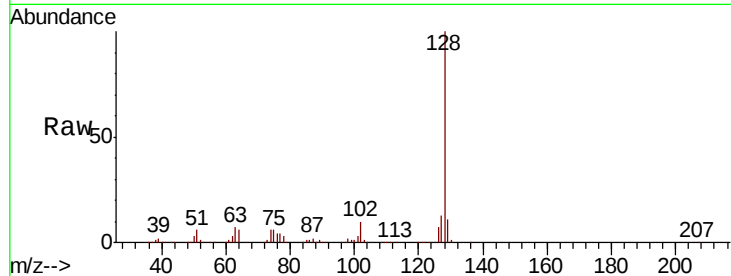




#31
Naphthalene
Concen: 82.201 ng
RT: 10.36 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

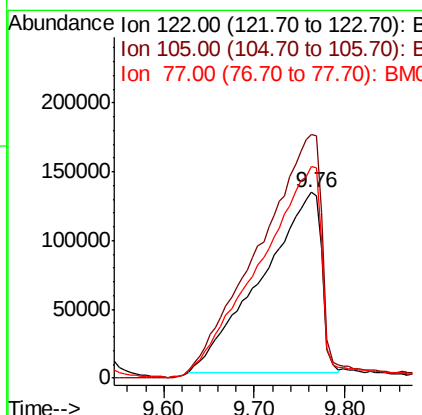
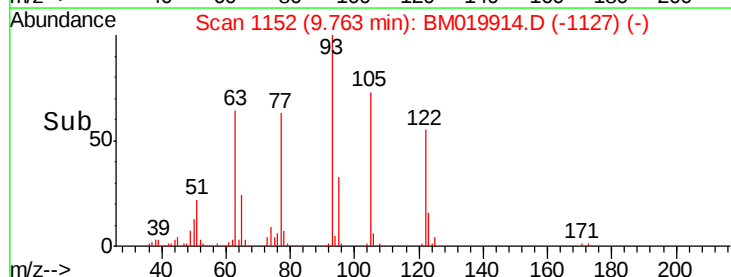
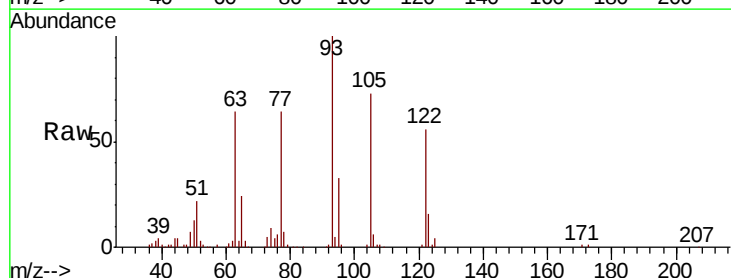
Instrument :
BNA_M
ClientSampleId :

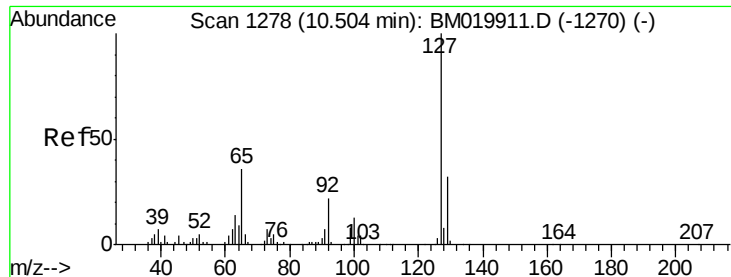
Tot Ion:128 Resp: 2586515
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 87.220 ng
RT: 9.76 min Scan# 1152
Delta R.T. 0.05 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:122 Resp: 597886
Ion Ratio Lower Upper
122 100
105 131.2 114.8 154.8
77 114.3 100.2 140.2

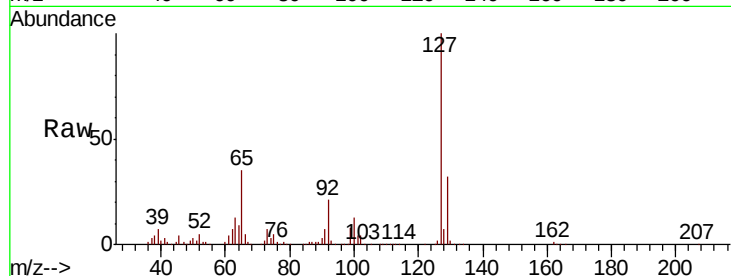




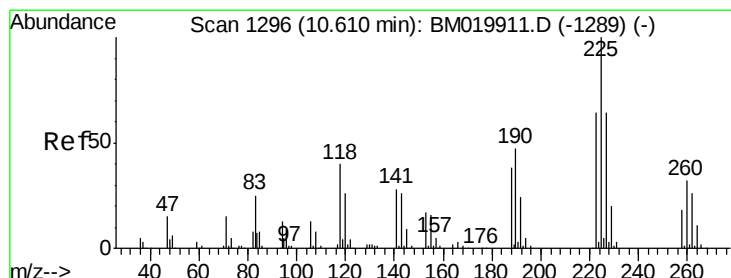
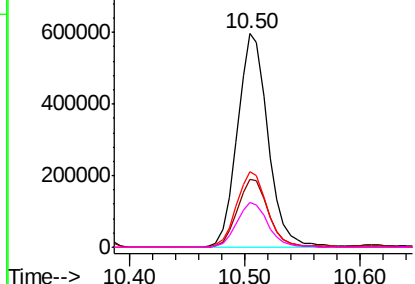
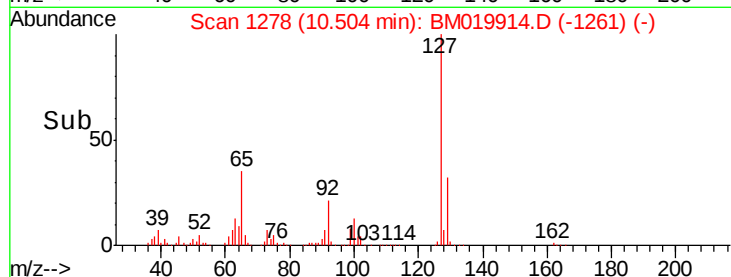
#33
4-Chloroaniline
Concen: 85.099 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127 Resp: 1097663
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.0
65 35.4 29.2 43.8
92 20.9 17.5 26.3

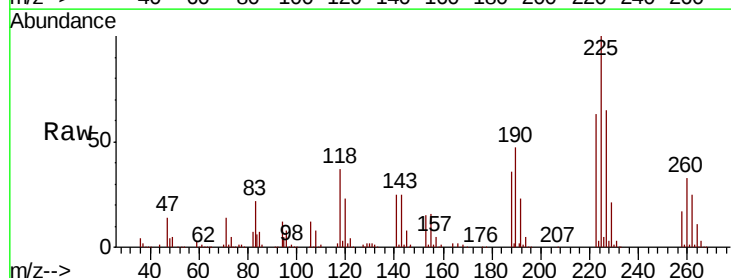


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

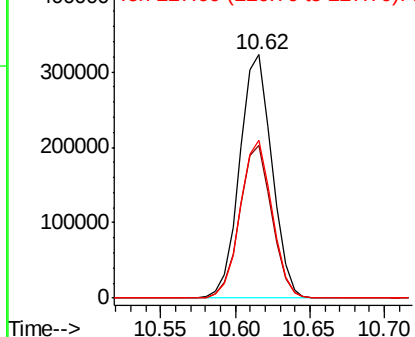
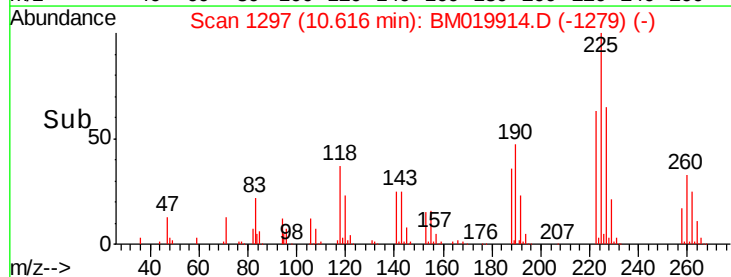


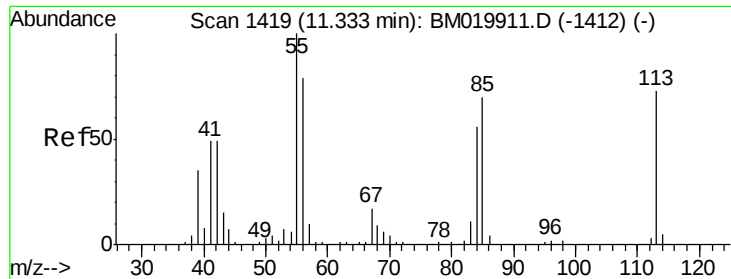
#34
Hexachlorobutadiene
Concen: 83.459 ng
RT: 10.62 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:225 Resp: 484113
Ion Ratio Lower Upper
225 100
223 62.7 51.4 77.2
227 64.6 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

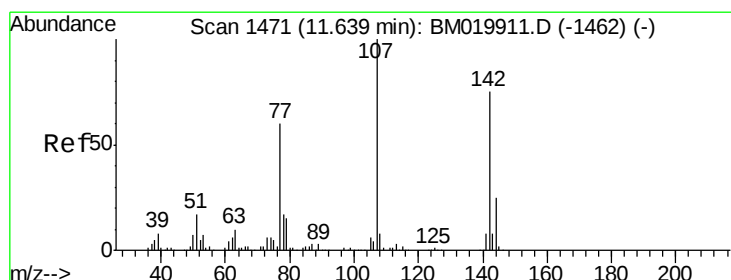
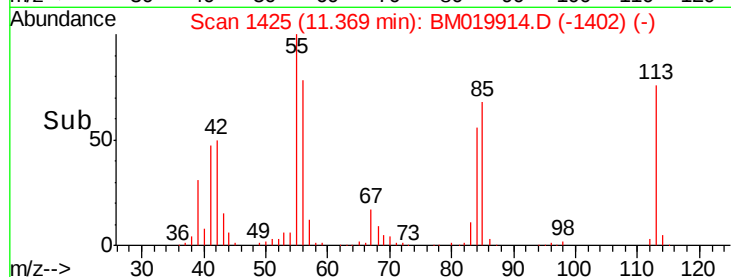
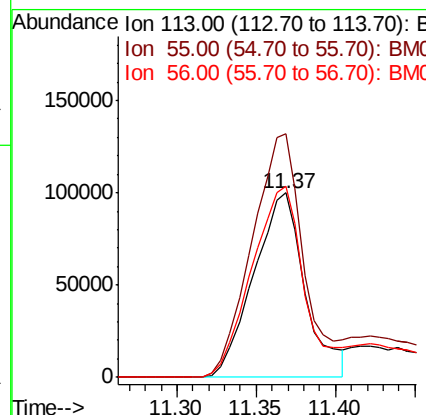
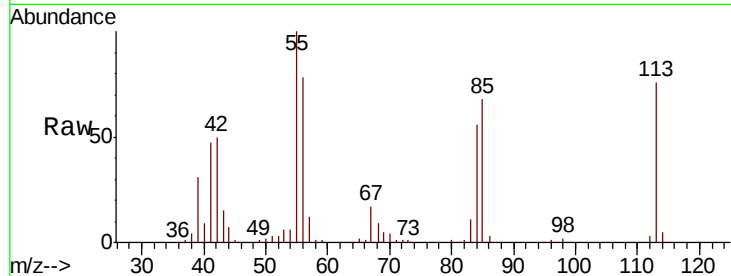




#35
Caprolactam
Concen: 70.263 ng
RT: 11.37 min Scan# 1425
Delta R.T. 0.04 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

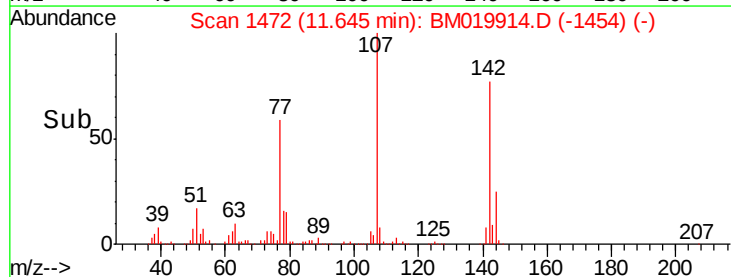
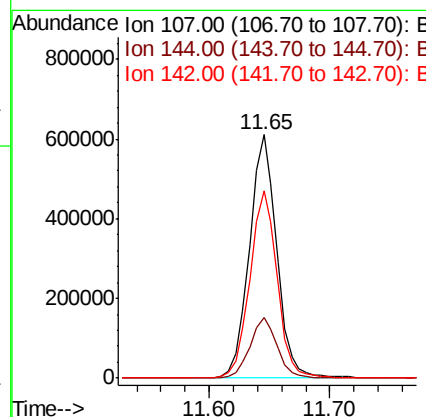
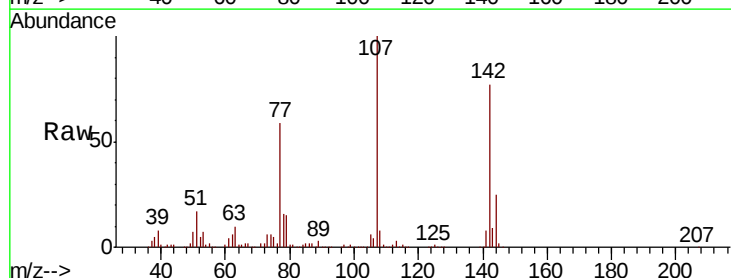
Instrument :
BNA_M
ClientSampleId :

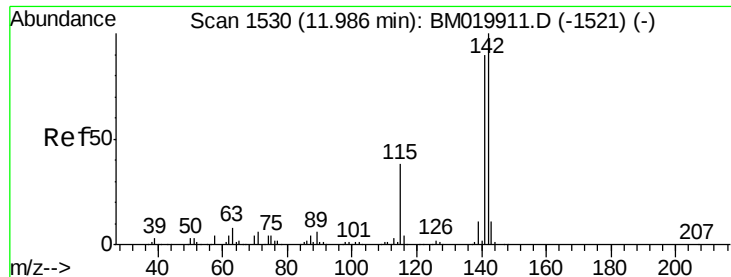
Tot Ion:113 Resp: 224369
Ion Ratio Lower Upper
113 100
55 132.0 117.1 157.1
56 103.6 88.2 128.2



#36
4-Chloro-3-methylphenol
Concen: 87.401 ng
RT: 11.65 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:107 Resp: 966740
Ion Ratio Lower Upper
107 100
144 24.6 19.8 29.8
142 76.8 60.3 90.5

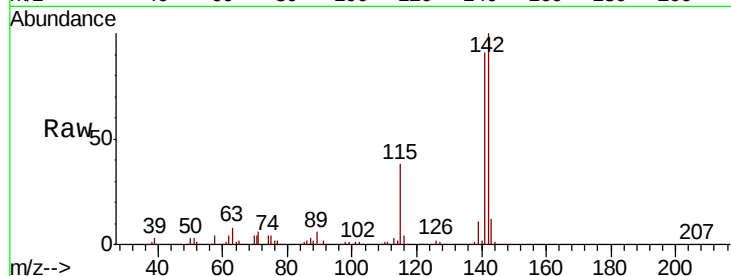




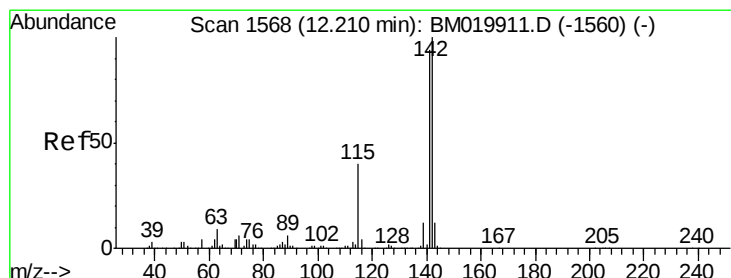
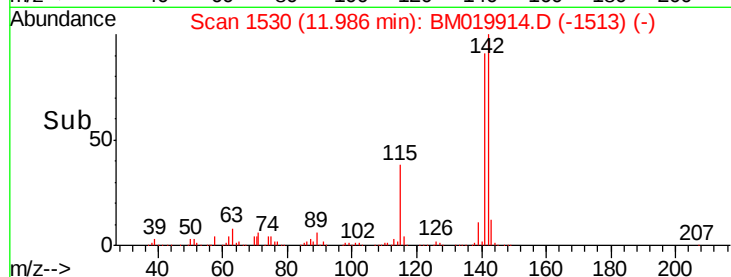
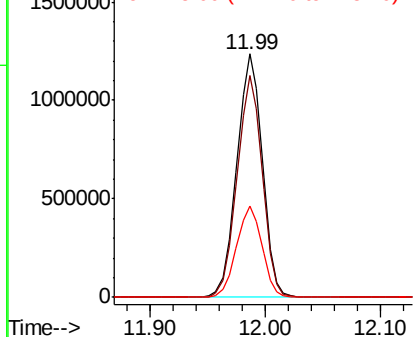
#37
 2-Methylnaphthalene
 Concen: 82.495 ng
 RT: 11.99 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 1886285
 Ion Ratio Lower Upper
 142 100
 141 90.9 72.3 108.5
 115 37.6 30.5 45.7

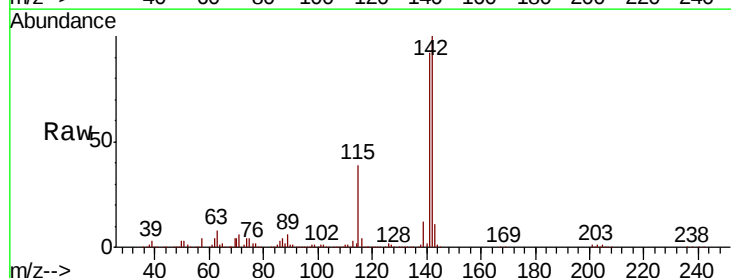


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

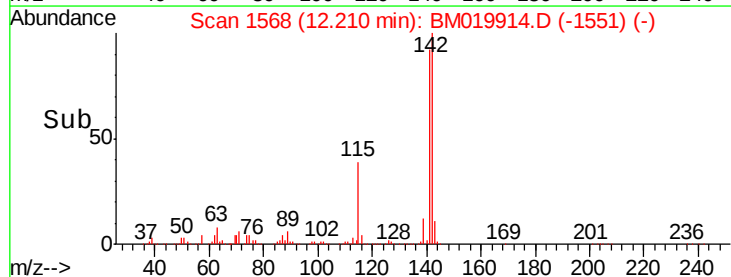
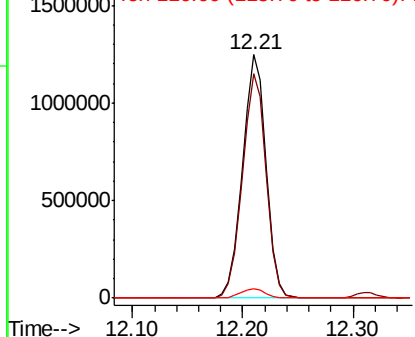


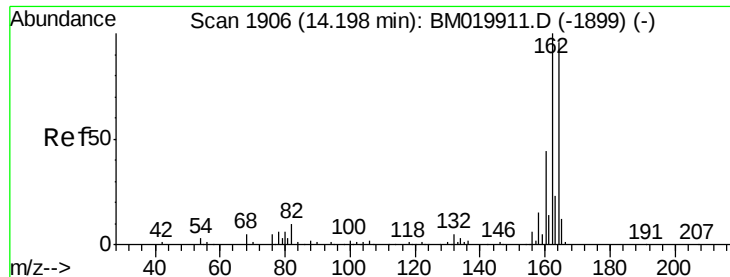
#38
 1-Methylnaphthalene
 Concen: 82.629 ng
 RT: 12.21 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion:142 Resp: 1862261
 Ion Ratio Lower Upper
 142 100
 141 92.1 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

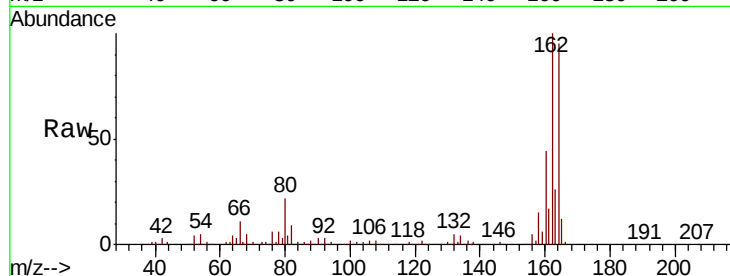




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1907
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	46.3	36.6	55.0

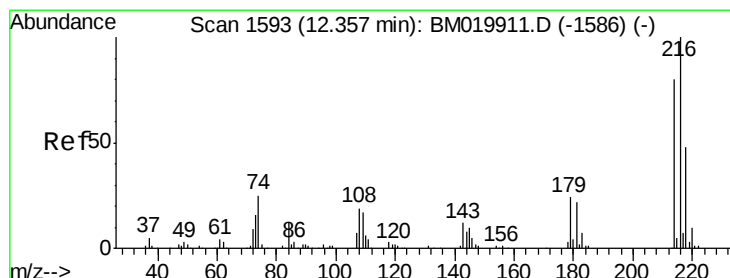
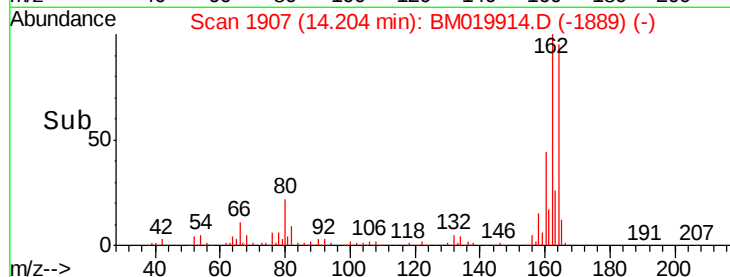
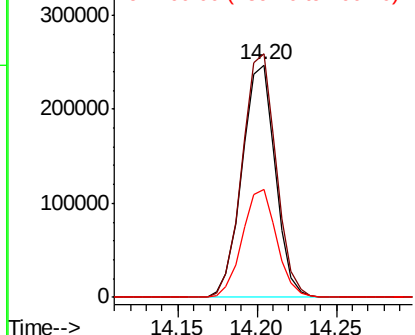


Abundance

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: 79.623 ng
 RT: 12.36 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.1	94.7
179	23.4	19.0	28.6
108	19.5	16.3	24.5

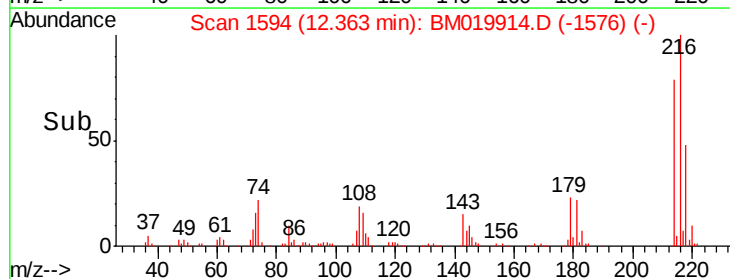
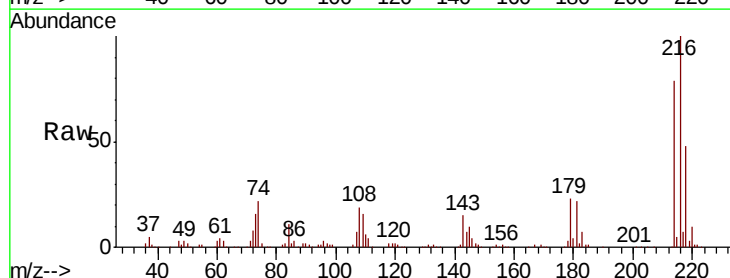
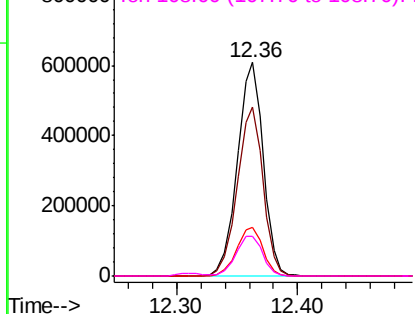
Abundance

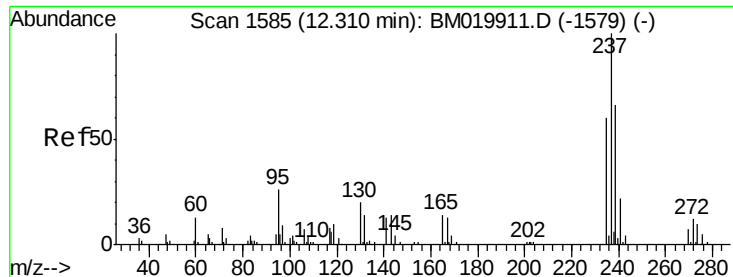
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 60.513 ng

RT: 12.31 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

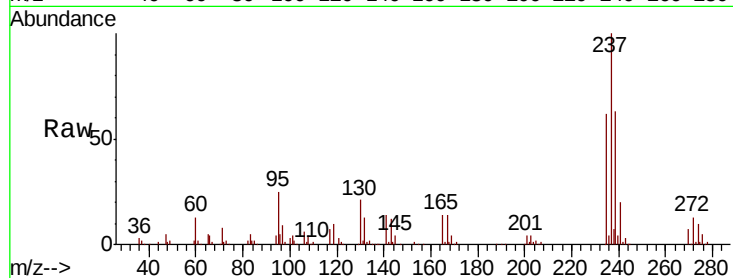
Tot Ion:237 Resp: 311645

Ion Ratio Lower Upper

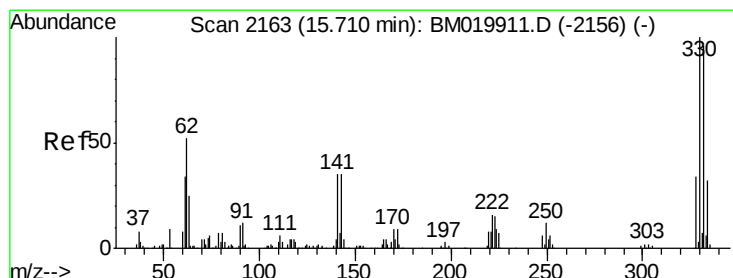
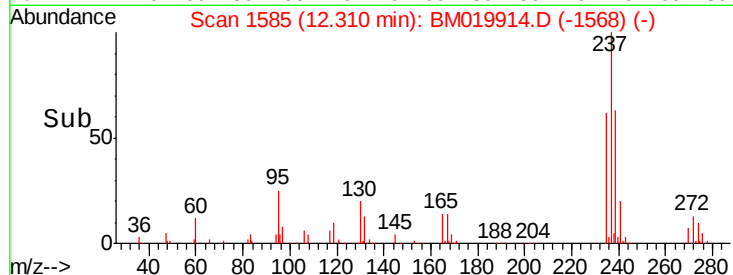
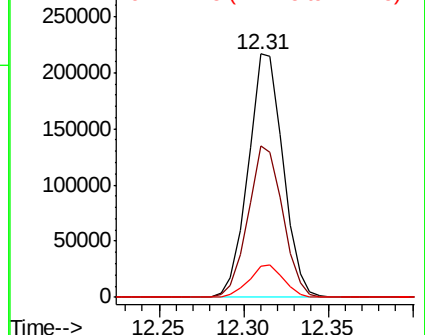
237 100

235 62.4 40.4 80.4

272 12.8 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: 182.900 ng

RT: 15.72 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

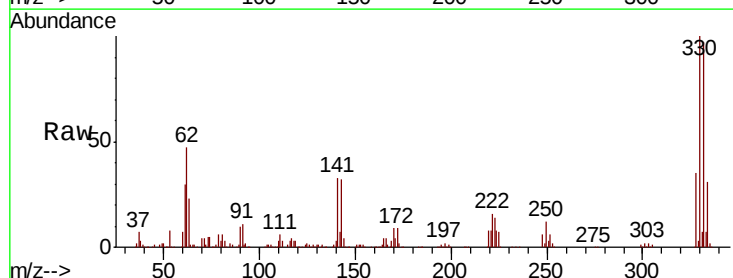
Tgt Ion:330 Resp: 970622

Ion Ratio Lower Upper

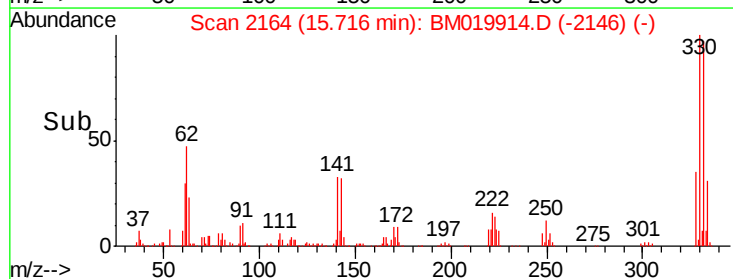
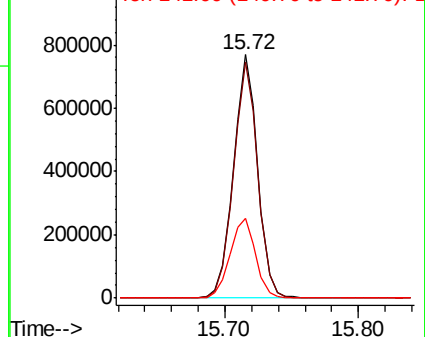
330 100

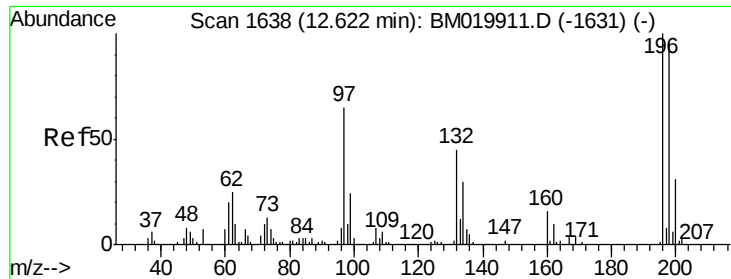
332 97.4 77.4 116.2

141 34.7 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

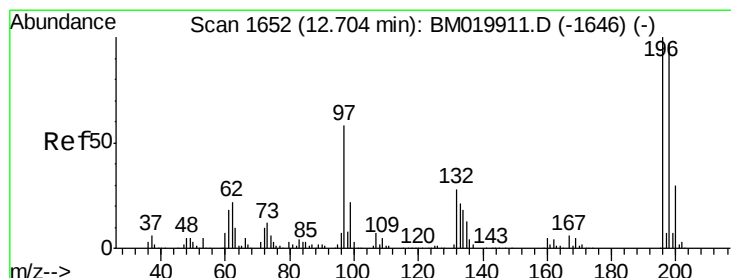
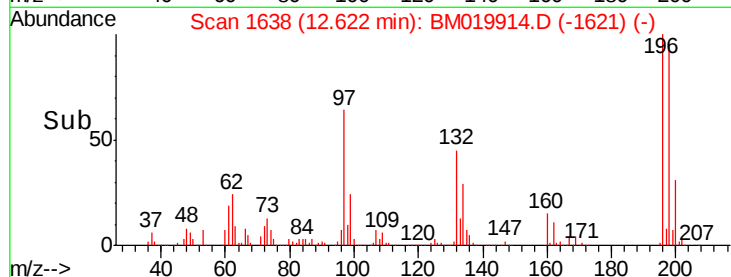
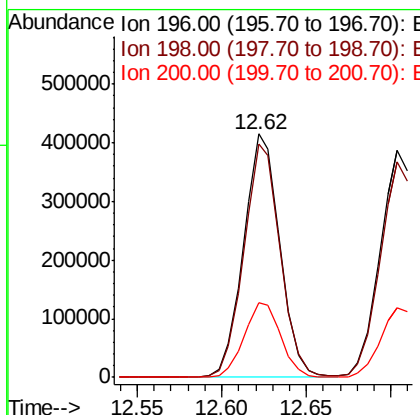
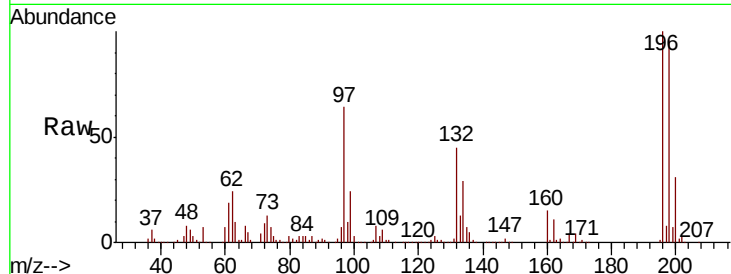




#43
 2,4,6-Trichlorophenol
 Concen: 84.349 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

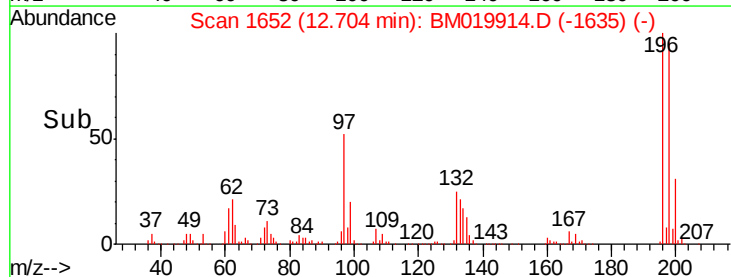
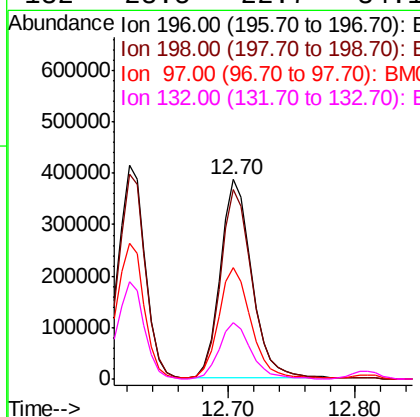
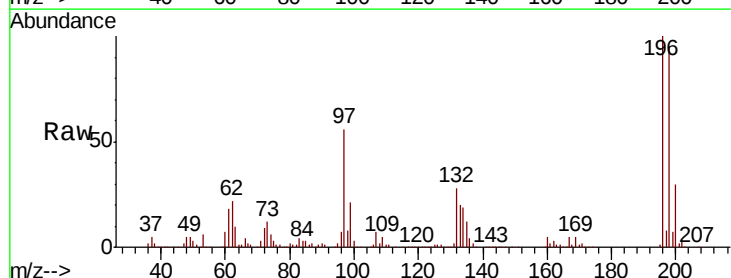
Instrument :
 BNA_M
 ClientSampled :

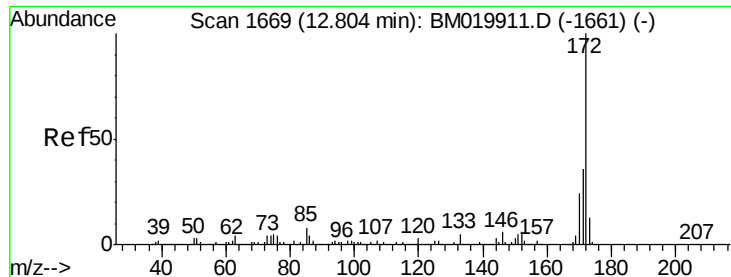
Tot Ion:196 Resp: 619759
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.8 115.2
 200 30.6 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 83.701 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion:196 Resp: 657639
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.8 116.8
 97 56.1 46.2 69.2
 132 28.5 22.7 34.1

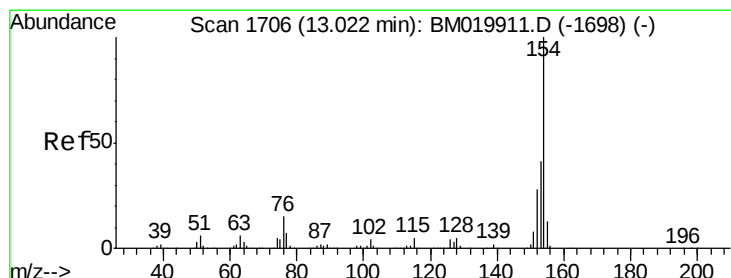
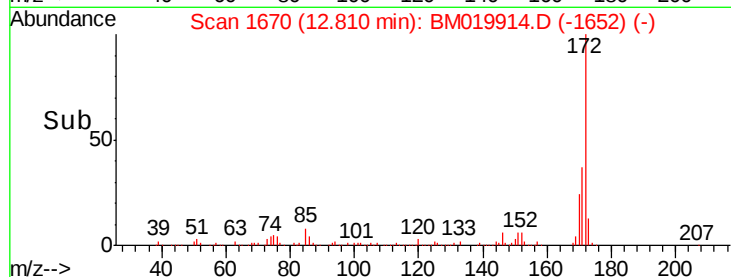
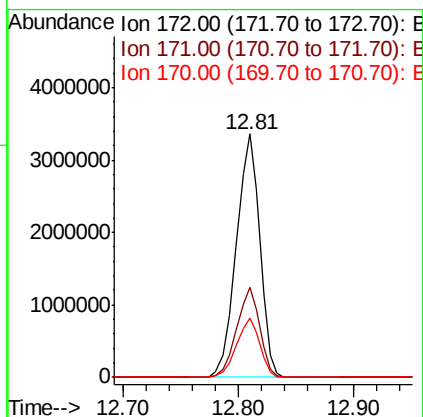
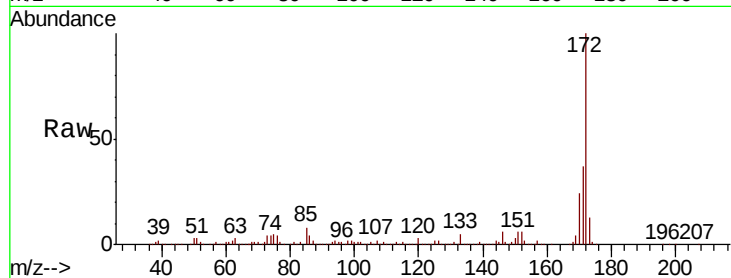




#45
2-Fluorobiphenyl
Concen: 170.542 ng
RT: 12.81 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

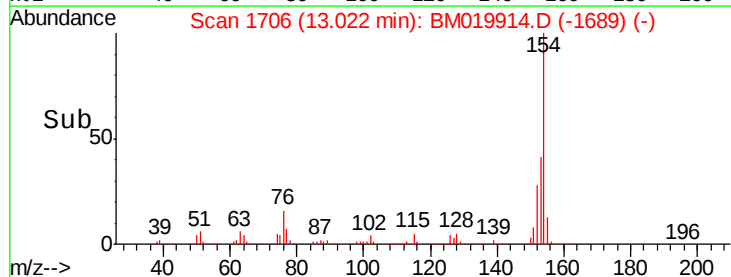
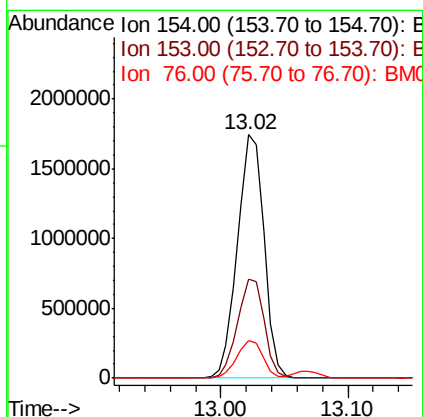
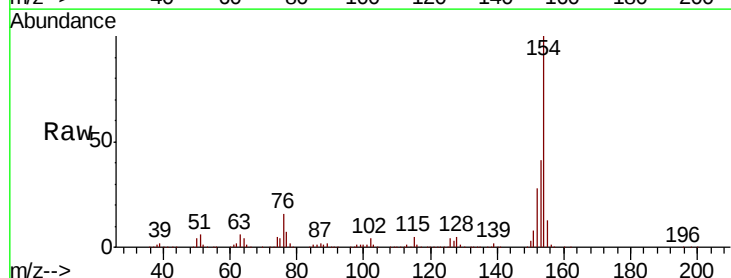
Instrument :
BNA_M
ClientSampled :

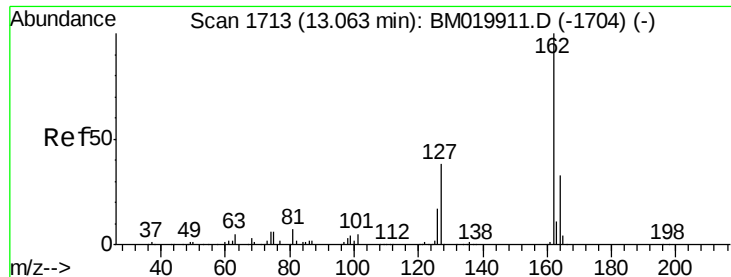
Tot Ion:172 Resp: 4712452
Ion Ratio Lower Upper
172 100
171 37.1 28.9 43.3
170 24.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 80.552 ng
RT: 13.02 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:154 Resp: 2528495
Ion Ratio Lower Upper
154 100
153 40.6 21.0 61.0
76 15.6 0.0 34.8

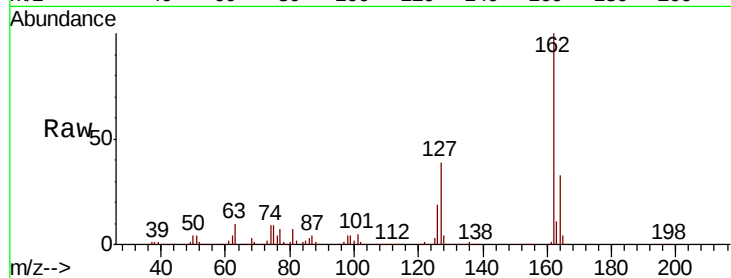




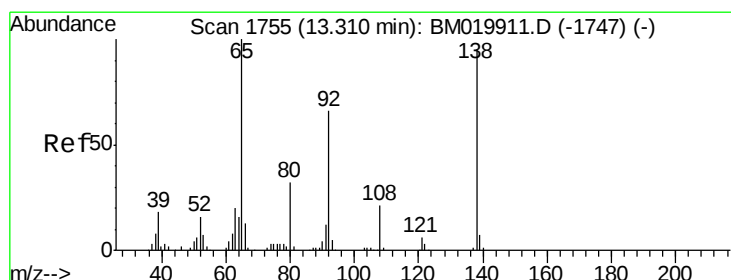
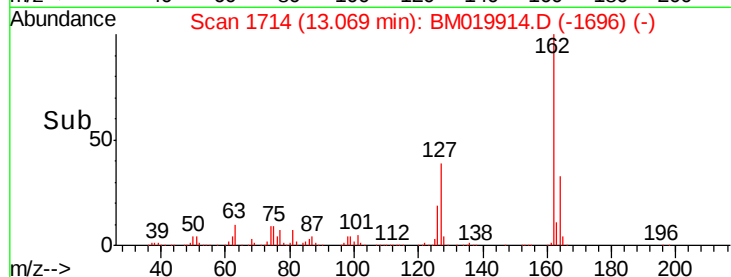
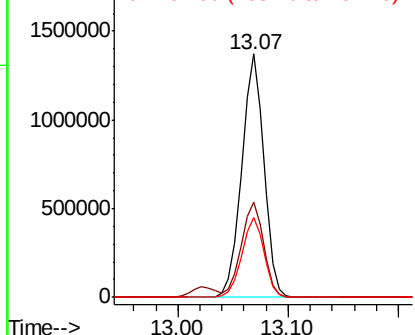
#47
2-Chloronaphthalene
Concen: 82.777 ng
RT: 13.07 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1939474
Ion Ratio Lower Upper
162 100
127 38.9 32.3 48.5
164 32.7 26.3 39.5

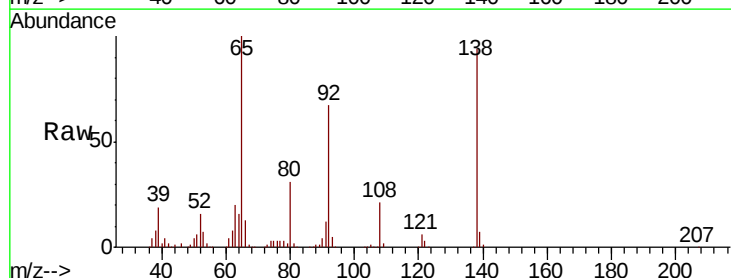


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

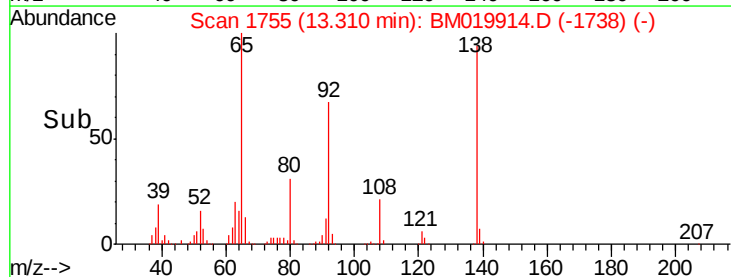
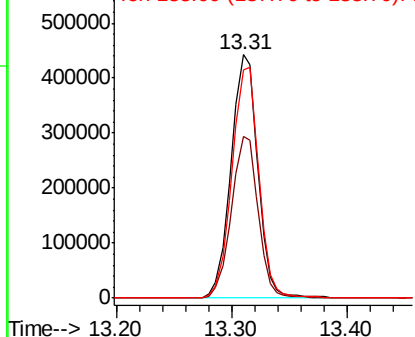


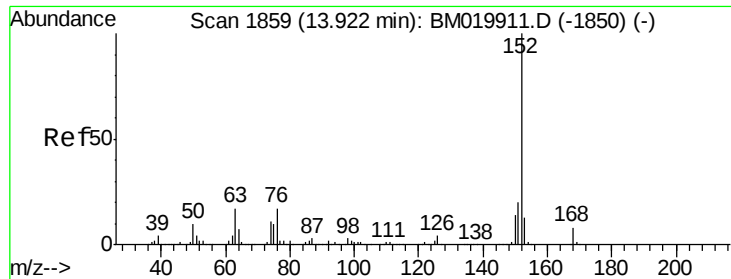
#48
2-Nitroaniline
Concen: 90.862 ng
RT: 13.31 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion: 65 Resp: 713976
Ion Ratio Lower Upper
65 100
92 66.5 52.9 79.3
138 93.9 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: 85.509 ng

RT: 13.93 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

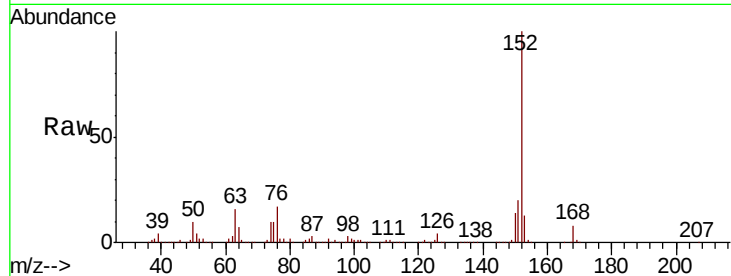
Tot Ion:152 Resp: 3387593

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

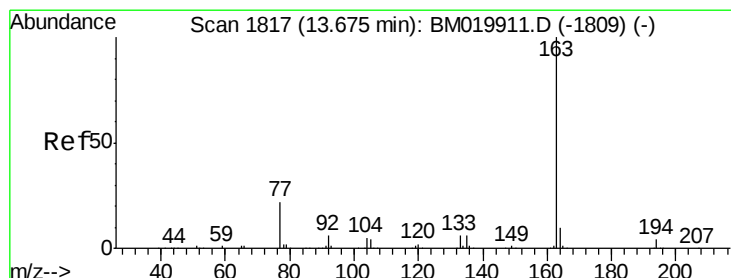
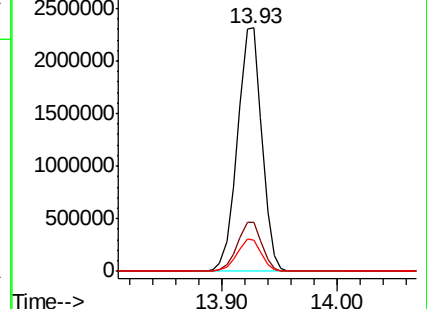
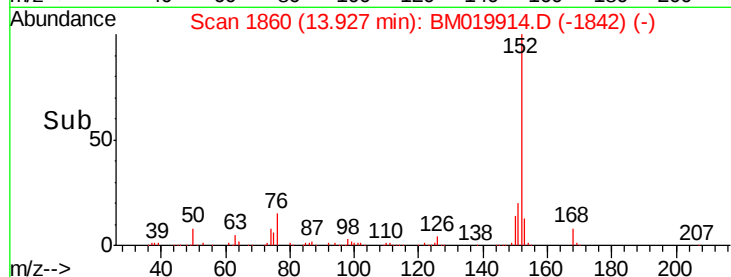
153 12.9 10.6 16.0



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: 83.267 ng

RT: 13.68 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

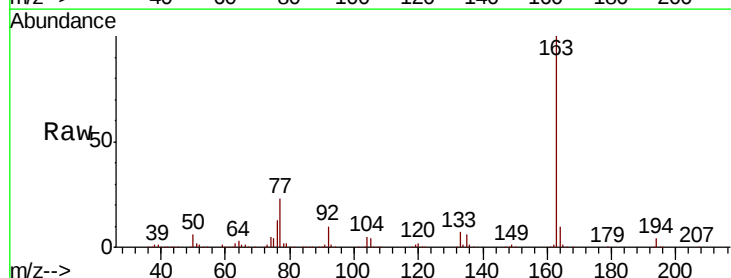
Tgt Ion:163 Resp: 2560256

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

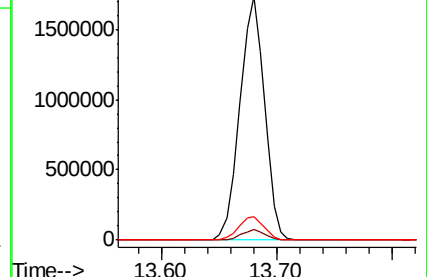
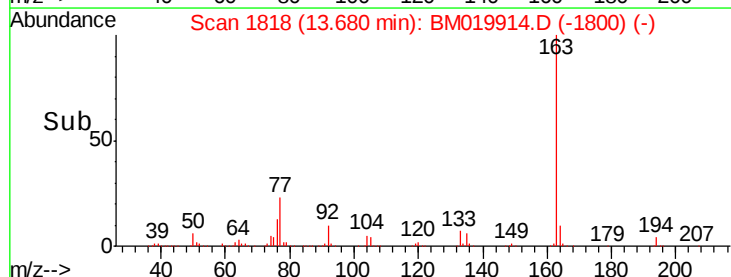
164 9.9 7.9 11.9

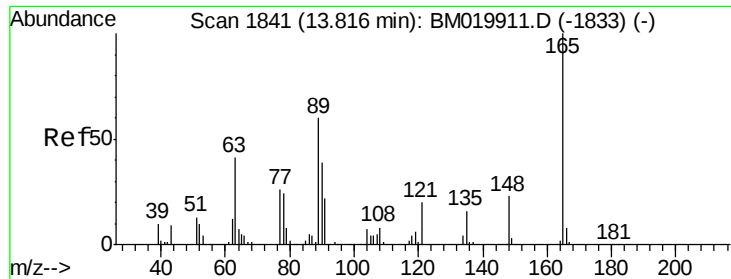


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 86.168 ng

RT: 13.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

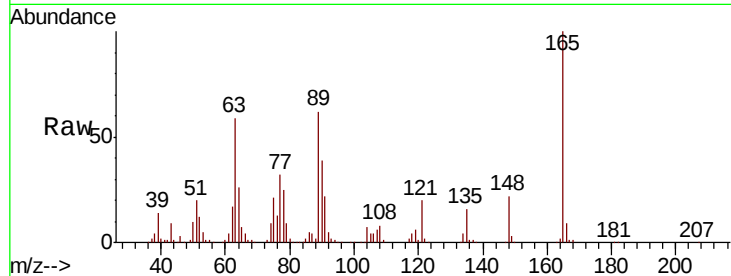
Tot Ion:165 Resp: 572740

Ion Ratio Lower Upper

165 100

63 58.8 48.5 72.7

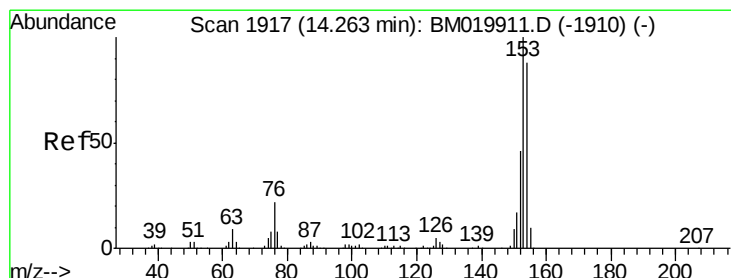
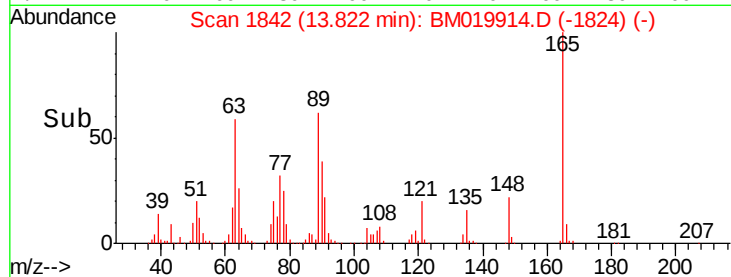
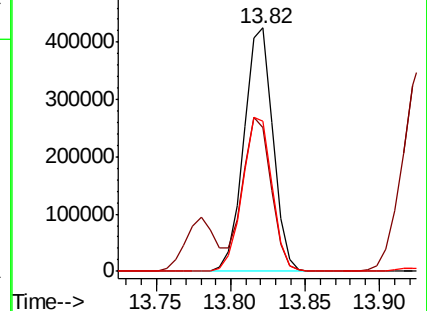
89 61.5 48.2 72.4



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: 81.492 ng

RT: 14.27 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

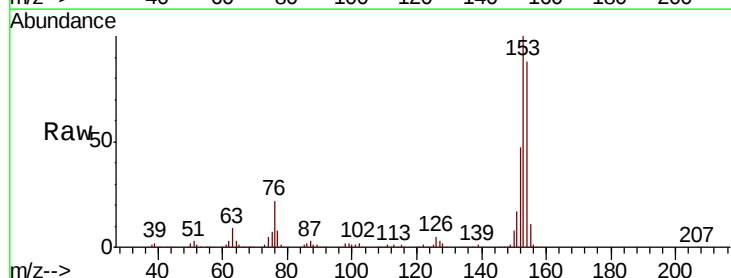
Tgt Ion:154 Resp: 1855107

Ion Ratio Lower Upper

154 100

153 113.8 91.0 136.4

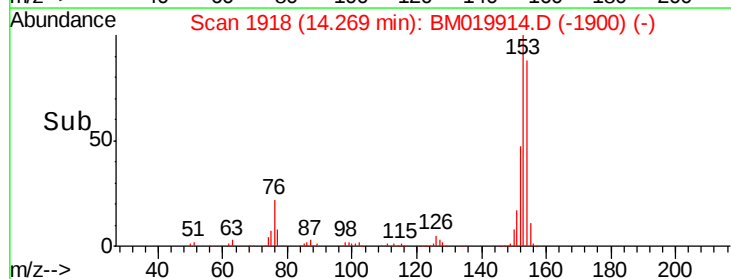
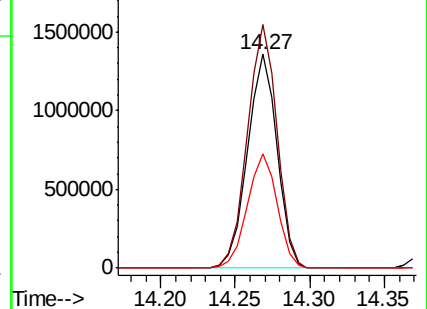
152 53.6 42.2 63.2

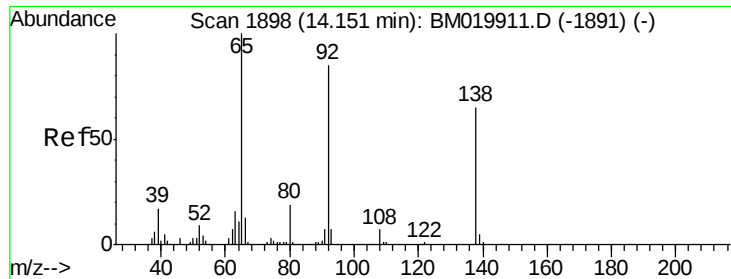


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

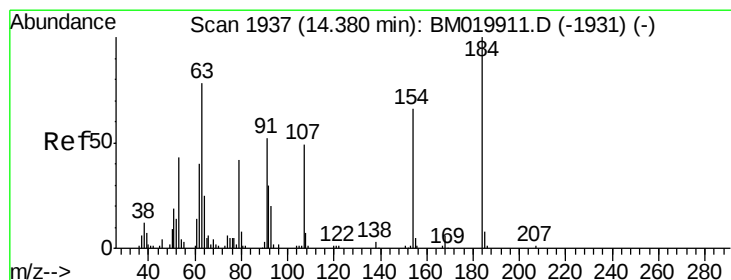
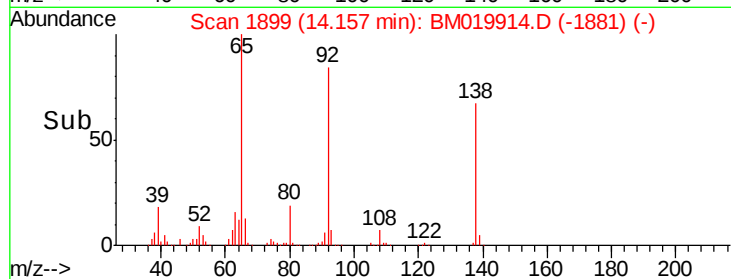
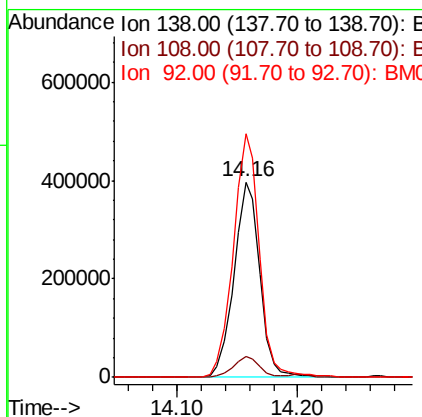
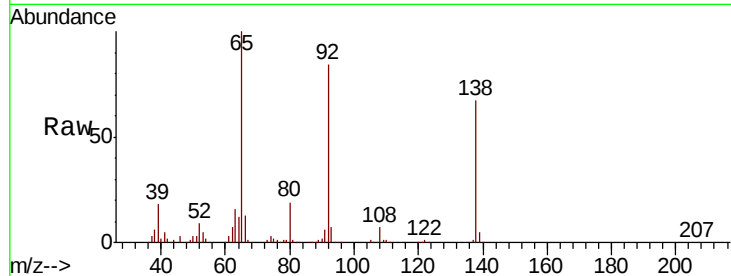




#53
3-Nitroaniline
Concen: 84.228 ng
RT: 14.16 min Scan# 1899
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

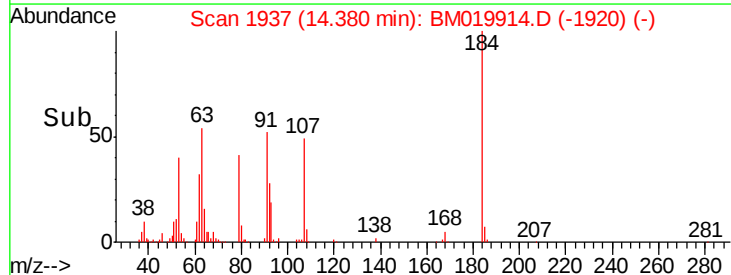
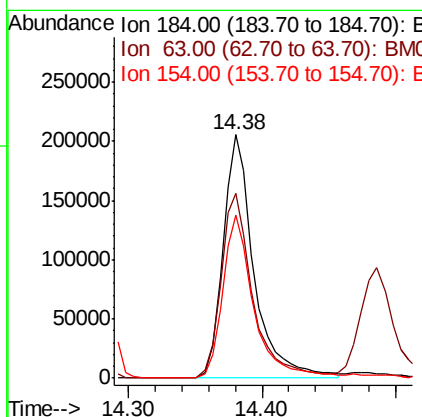
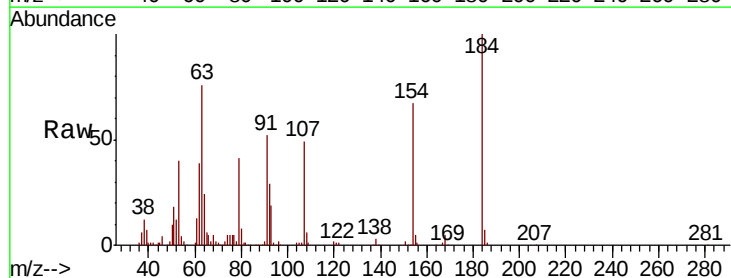
Instrument :
BNA_M
ClientSampleId :

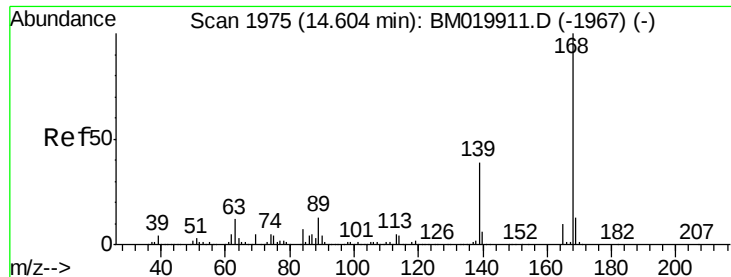
Tot Ion:138 Resp: 592945
Ion Ratio Lower Upper
138 100
108 10.9 8.9 13.3
92 124.8 103.8 155.8



#54
2,4-Dinitrophenol
Concen: 86.129 ng
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:184 Resp: 332462
Ion Ratio Lower Upper
184 100
63 76.0 62.3 93.5
154 67.1 53.0 79.6

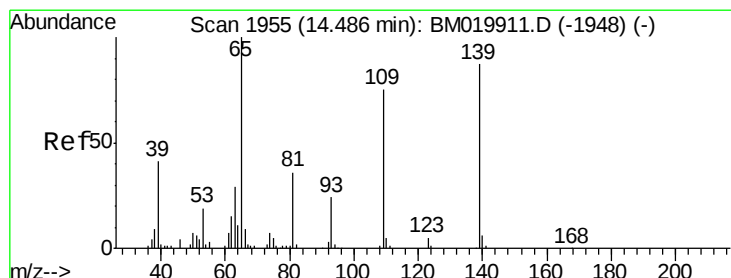
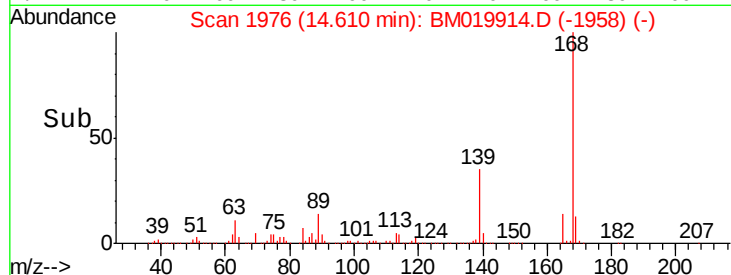
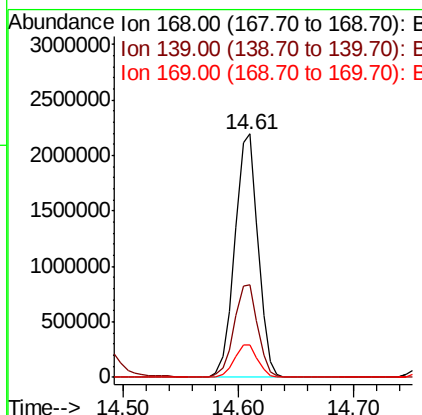
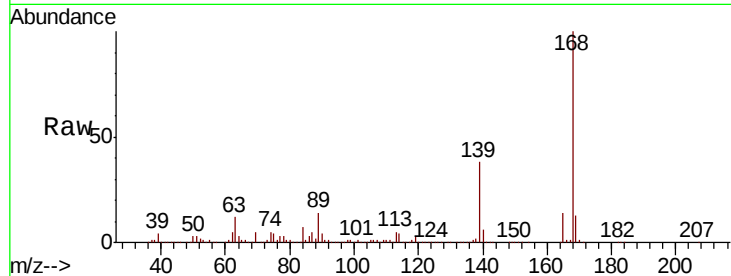




#55
Dibenzofuran
Concen: 83.063 ng
RT: 14.61 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

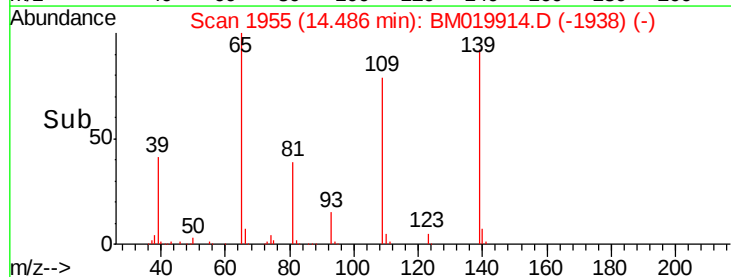
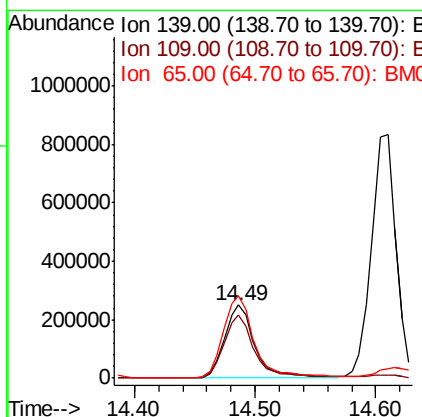
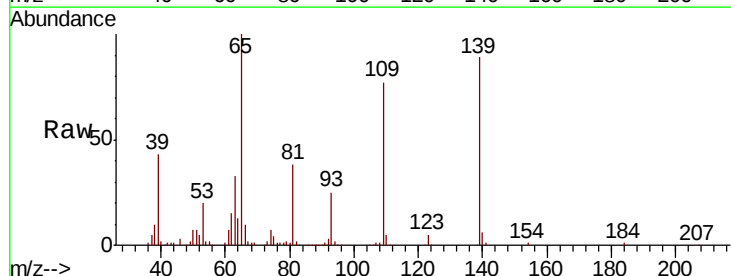
Instrument :
BNA_M
ClientSampled :

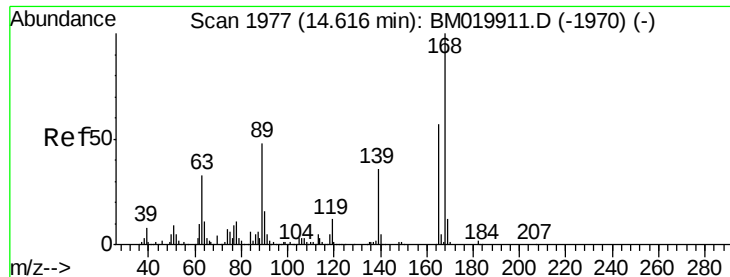
Tot Ion:168 Resp: 3049389
Ion Ratio Lower Upper
168 100
139 38.0 31.5 47.3
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 76.481 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:139 Resp: 439592
Ion Ratio Lower Upper
139 100
109 86.4 65.3 105.3
65 112.8 94.9 134.9

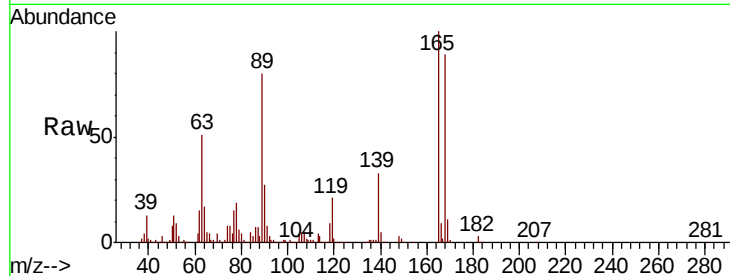




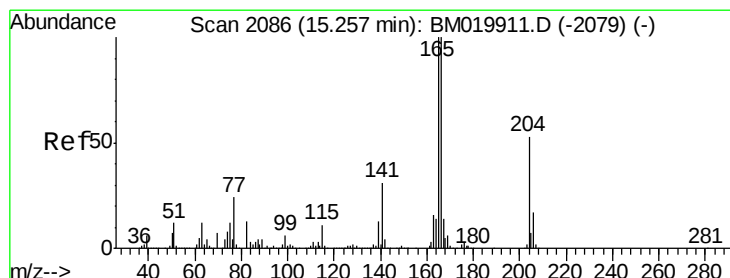
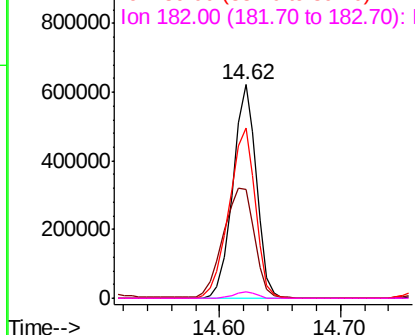
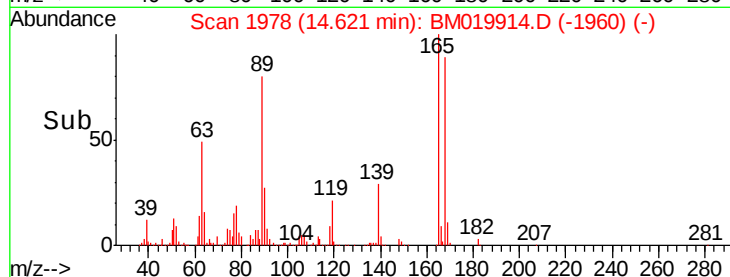
#57
 2,4-Dinitrotoluene
 Concen: 87.292 ng
 RT: 14.62 min Scan# 1978
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion:165 Resp: 842217
 Ion Ratio Lower Upper
 165 100
 63 50.8 46.0 69.0
 89 79.8 67.5 101.3
 182 3.1 2.4 3.6

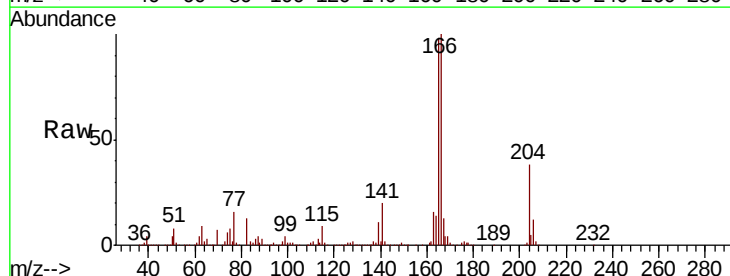


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

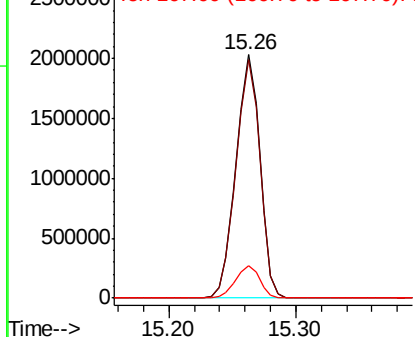
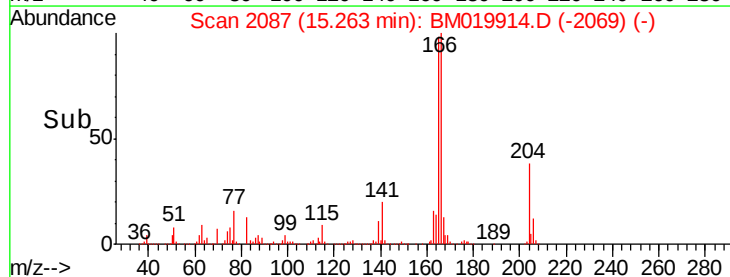


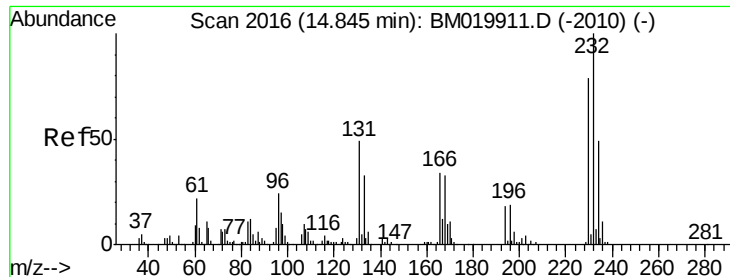
#58
 Fluorene
 Concen: 87.715 ng
 RT: 15.26 min Scan# 2087
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion:166 Resp: 2654294
 Ion Ratio Lower Upper
 166 100
 165 97.8 80.1 120.1
 167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

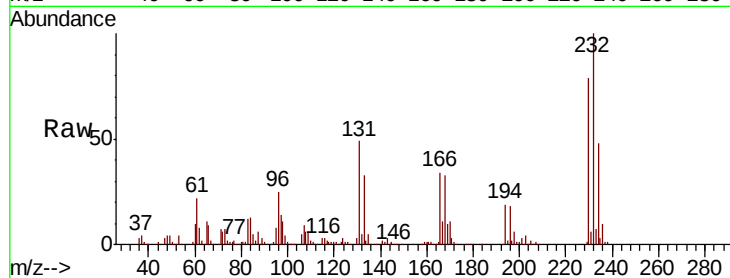




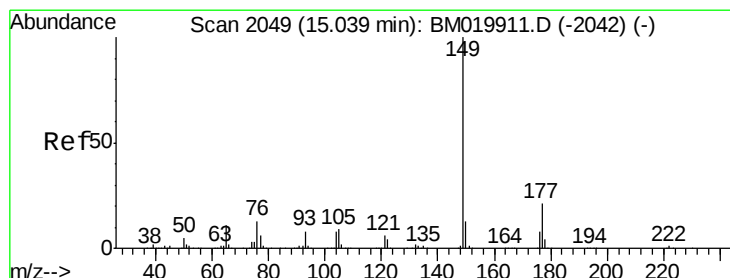
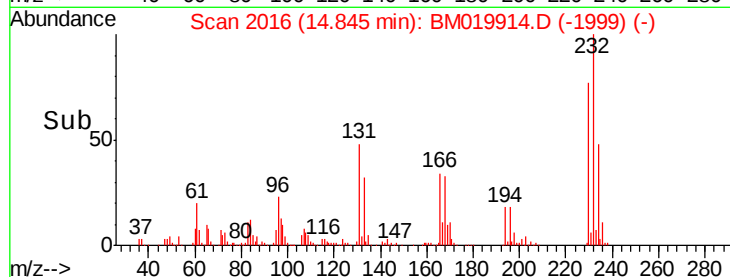
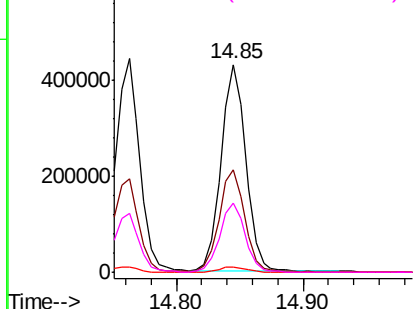
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 80.287 ng
 RT: 14.85 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232	Resp:	587259	
Ion Ratio	Lower	Upper	
232 100			
131 50.6	42.1	63.1	
130 2.8	2.2	3.4	
166 34.2	28.1	42.1	

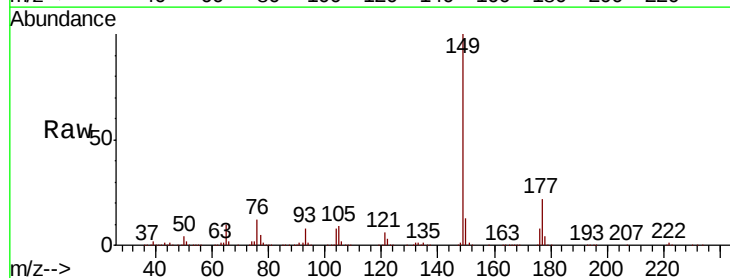


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

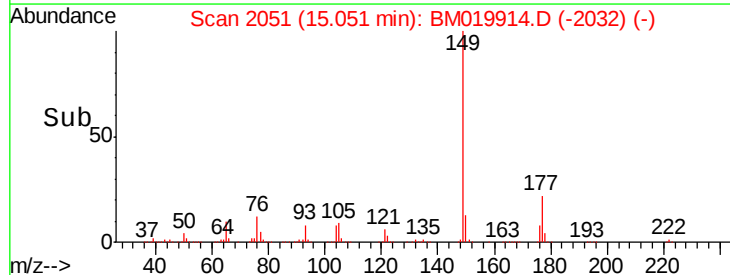
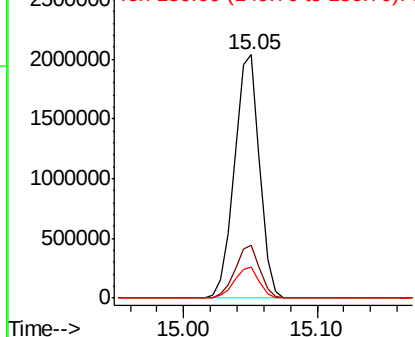


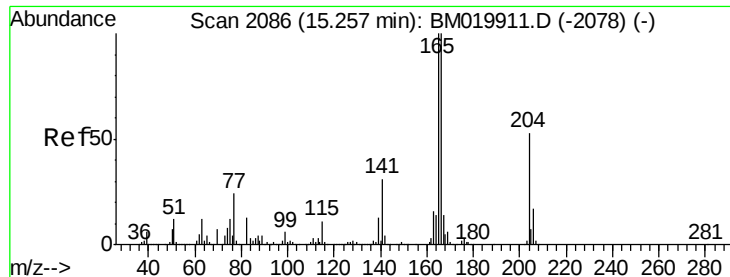
#60
 Diethylphthalate
 Concen: 85.493 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	149	Resp: Lower	2662330 Upper
	Ratio		
149	100		
177	22.0	16.6	25.0
150	12.5	10.0	15.0



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

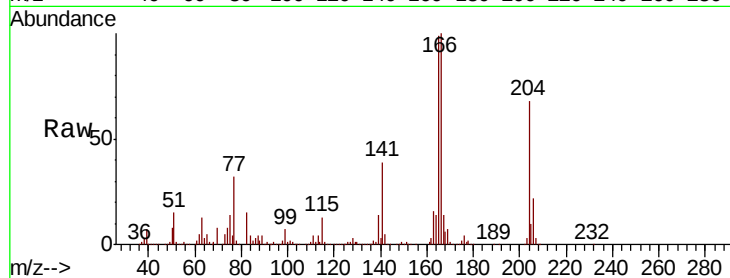




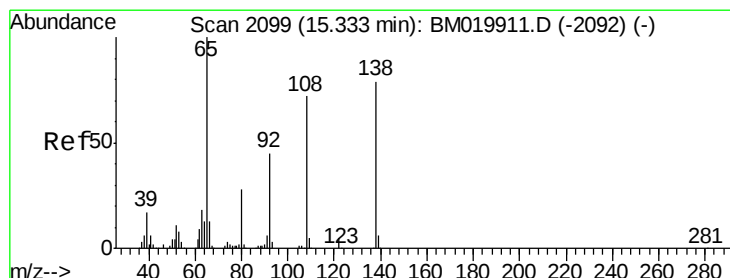
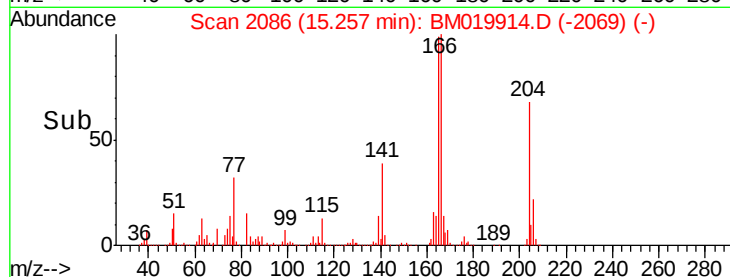
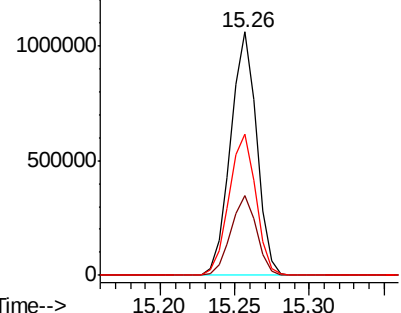
#61
4-Chlorophenyl-phenylether
Concen: 87.210 ng
RT: 15.26 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1281731
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 58.0 47.0 70.4

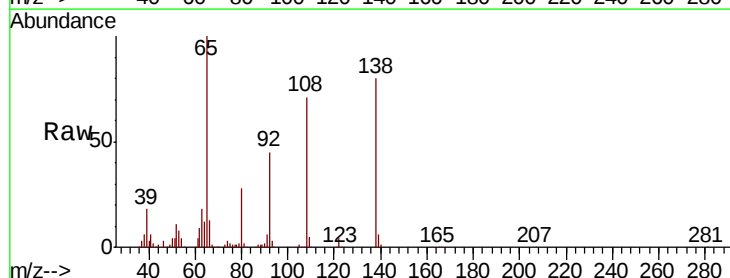


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

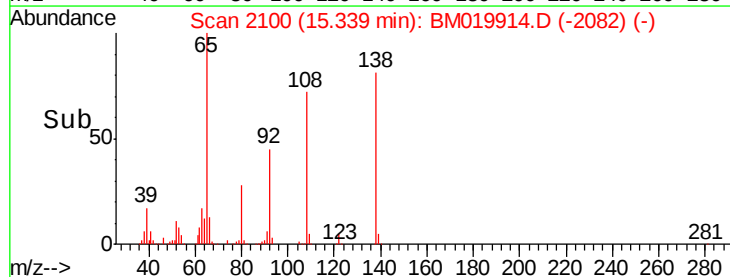
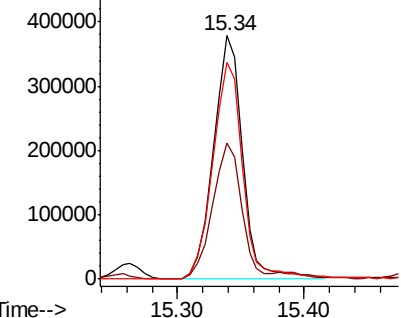


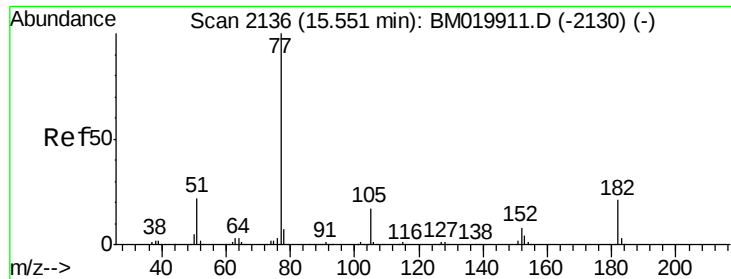
#62
4-Nitroaniline
Concen: 84.630 ng
RT: 15.34 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:138 Resp: 600404
Ion Ratio Lower Upper
138 100
92 55.8 36.8 76.8
108 89.0 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

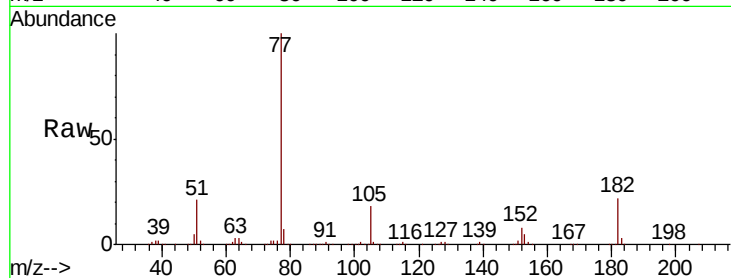




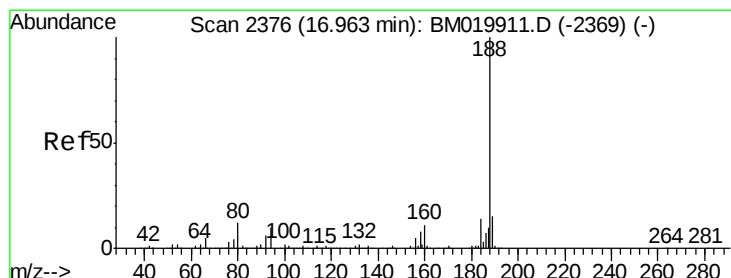
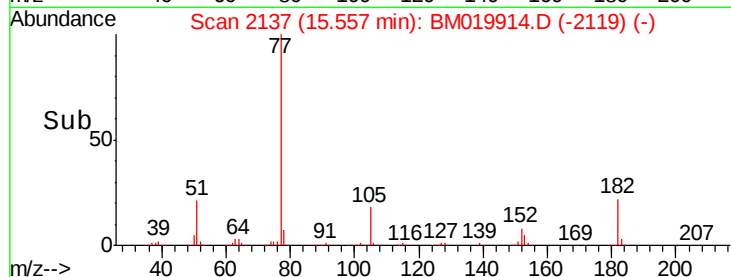
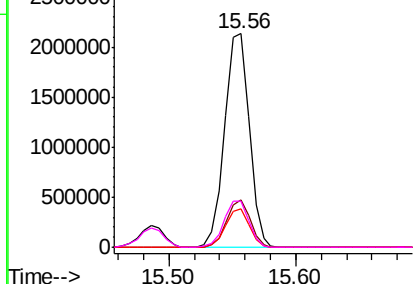
#63
Azobenzene
Concen: 87.569 ng
RT: 15.56 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2869524
Ion Ratio Lower Upper
77 100
182 22.1 1.0 41.0
105 17.7 0.0 37.1
51 21.3 2.1 42.1

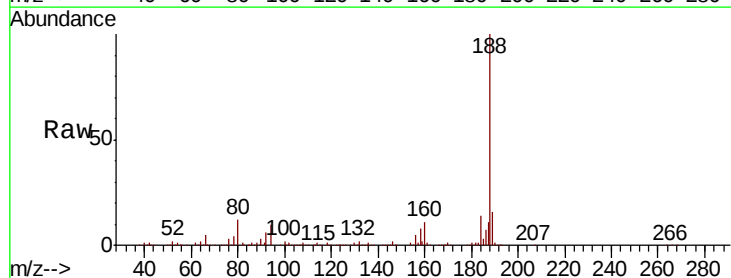


Abundance Ion 77.00 (76.70 to 77.70): BM019914.D (-2130) (-)
Ion 182.00 (181.70 to 182.70): BM019914.D (-2130) (-)
Ion 105.00 (104.70 to 105.70): BM019914.D (-2130) (-)
Ion 51.00 (50.70 to 51.70): BM019914.D (-2130) (-)

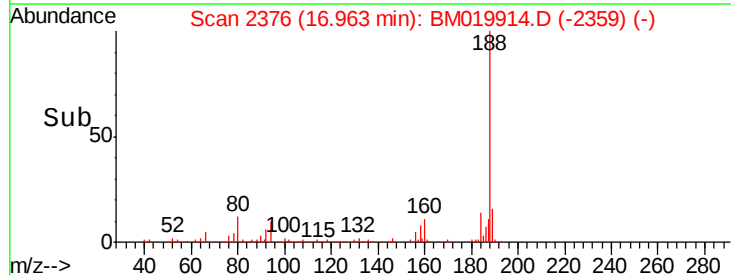
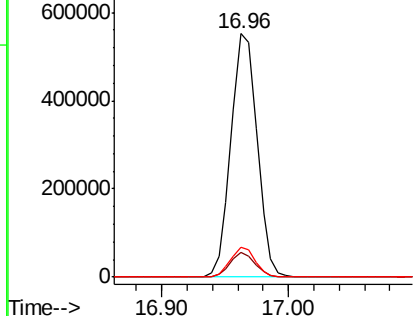


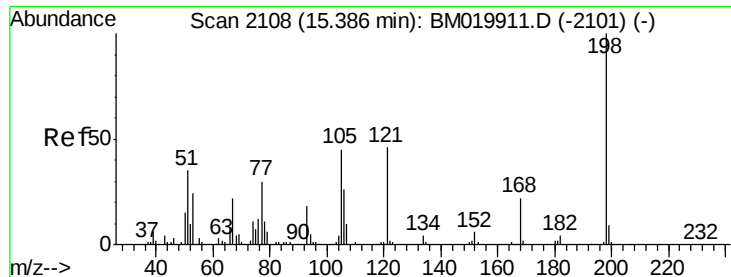
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion: 188 Resp: 788921
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 12.3 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): BM019914.D (-2369) (-)
Ion 94.00 (93.70 to 94.70): BM019914.D (-2369) (-)
Ion 80.00 (79.70 to 80.70): BM019914.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 85.512 ng

RT: 15.39 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

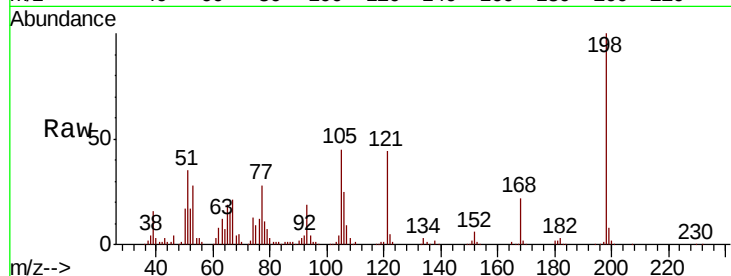
Tot Ion:198 Resp: 442078

Ion Ratio Lower Upper

198 100

51 34.9 17.9 57.9

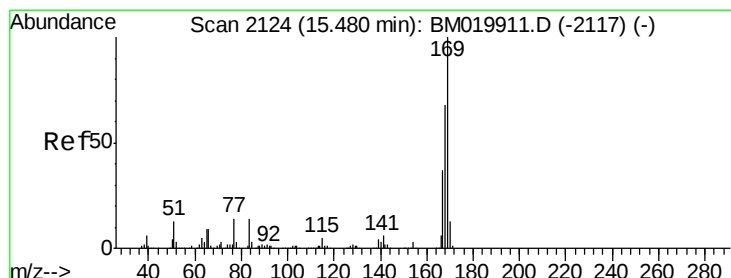
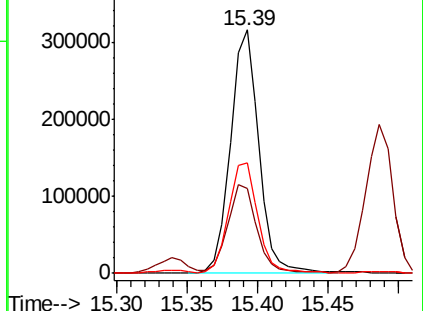
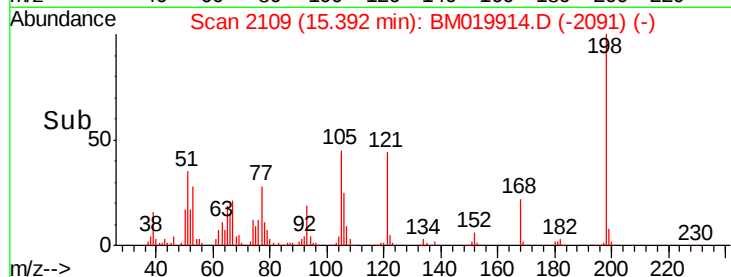
105 45.4 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 84.762 ng

RT: 15.49 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

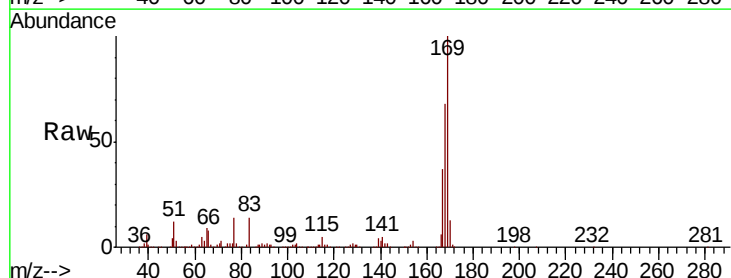
Tgt Ion:169 Resp: 2128932

Ion Ratio Lower Upper

169 100

168 68.3 54.7 82.1

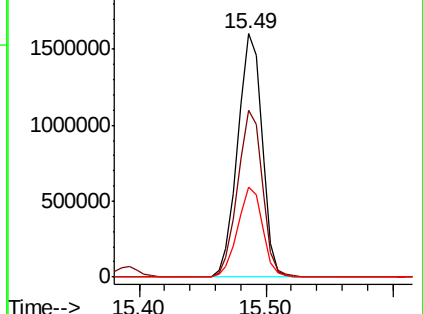
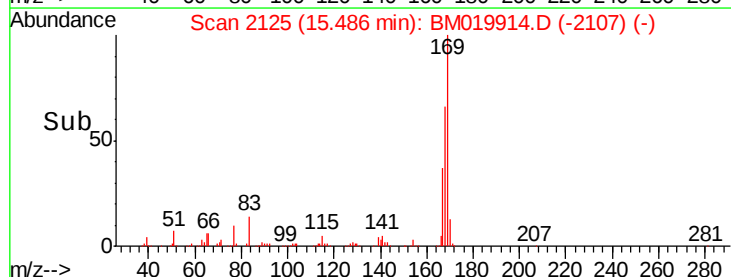
167 36.8 29.4 44.0

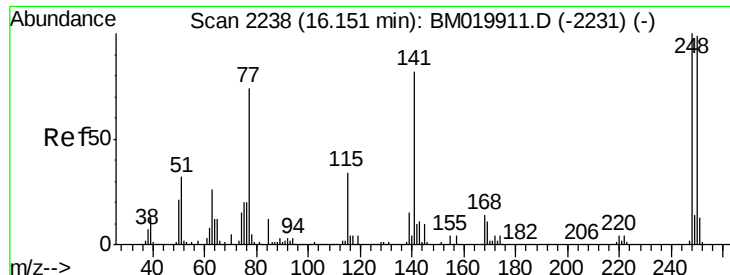


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

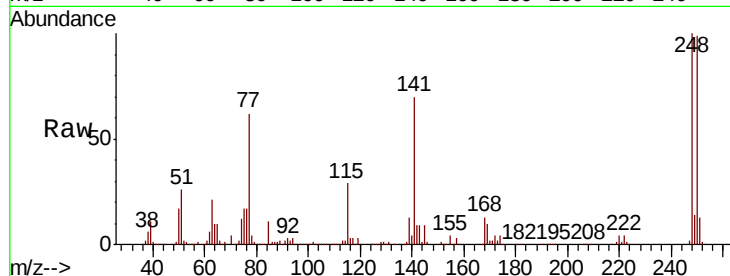




#67
 4-Bromophenyl-phenylether
 Concen: 86.669 ng
 RT: 16.16 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.9	118.3
141	70.5	65.6	98.4

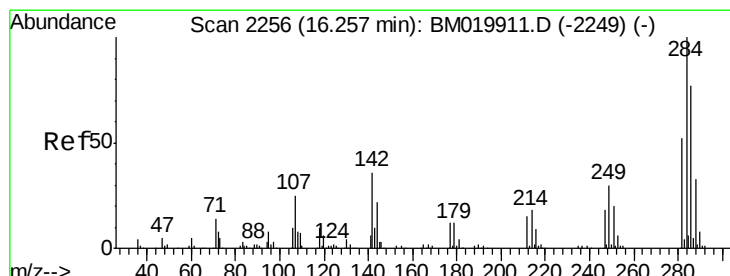
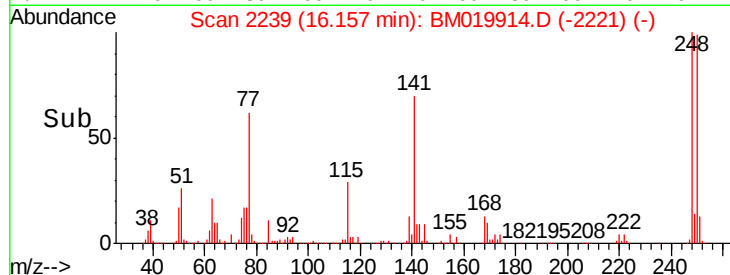
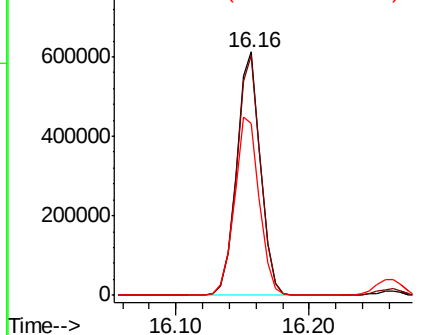


Abundance

Ion 248.00 (247.70 to 248.70): E

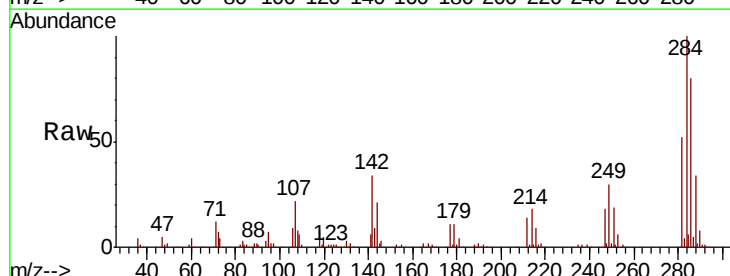
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 87.036 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	28.9	43.3
249	30.2	23.8	35.6

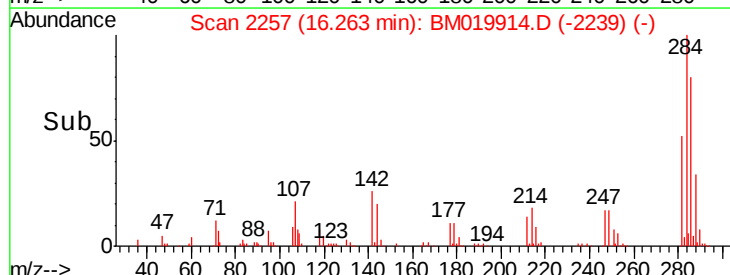
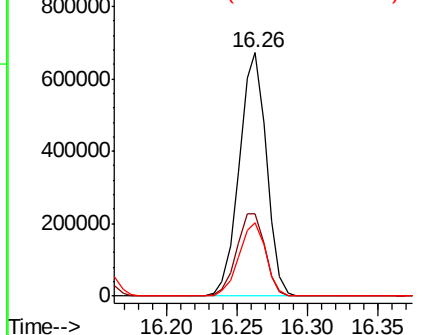


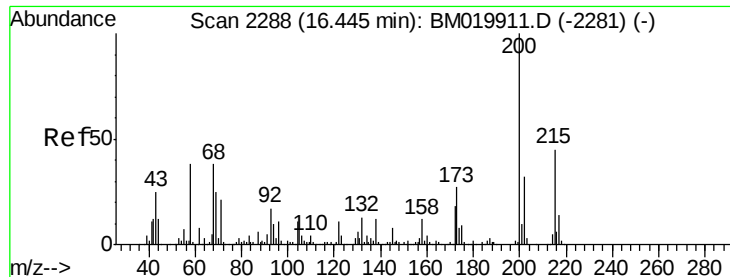
Abundance

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: 80.728 ng

RT: 16.45 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

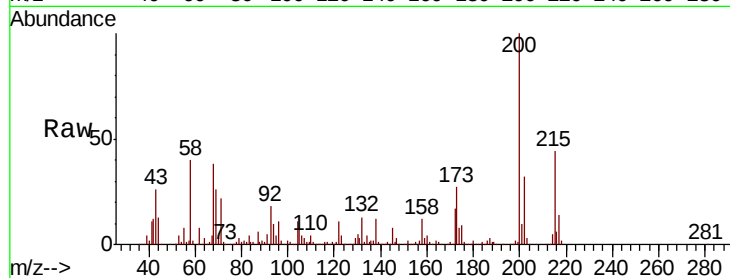
Tot Ion:200 Resp: 682543

Ion Ratio Lower Upper

200 100

173 27.3 7.2 47.2

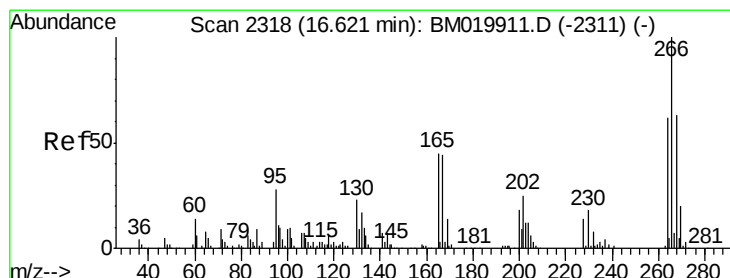
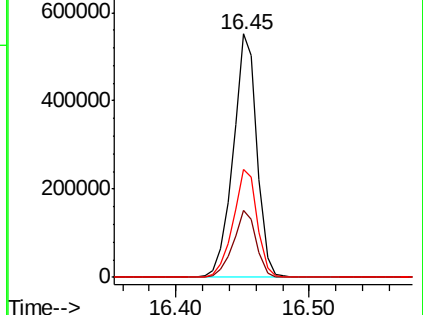
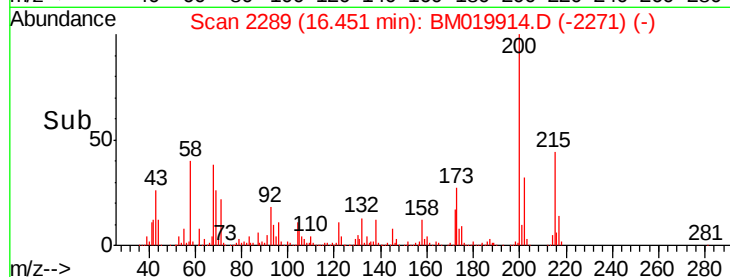
215 44.1 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.522 ng

RT: 16.62 min Scan# 2318

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

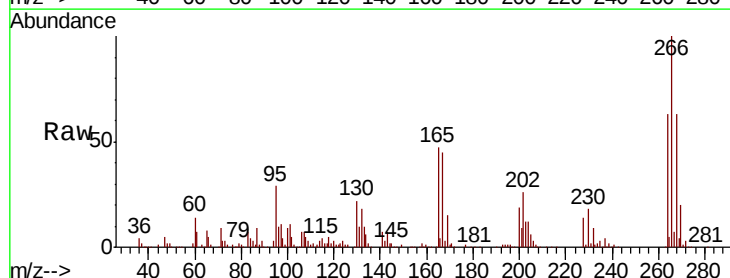
Tgt Ion:266 Resp: 476854

Ion Ratio Lower Upper

266 100

268 63.3 50.3 75.5

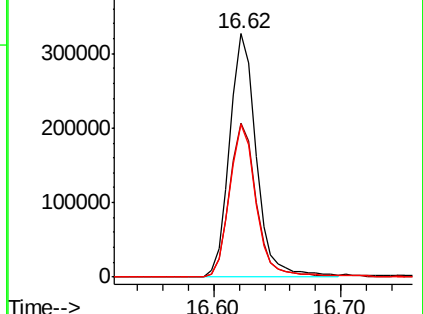
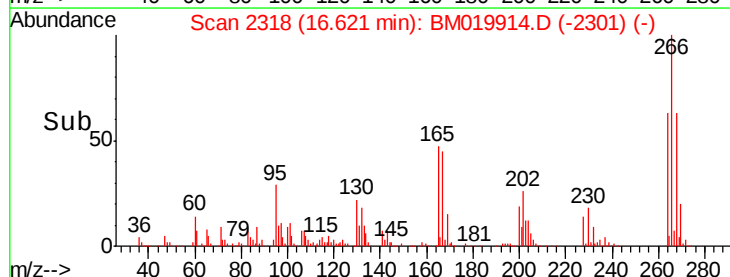
264 62.7 49.8 74.8

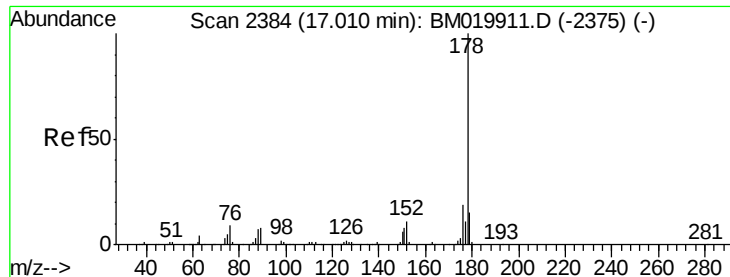


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

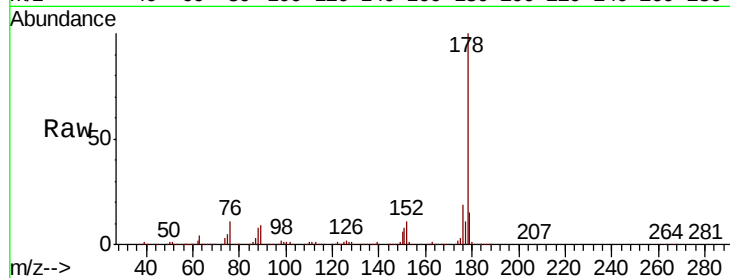




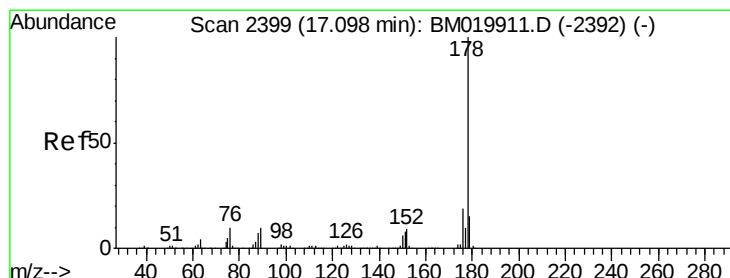
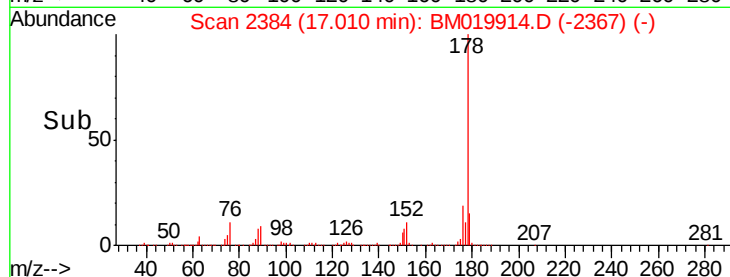
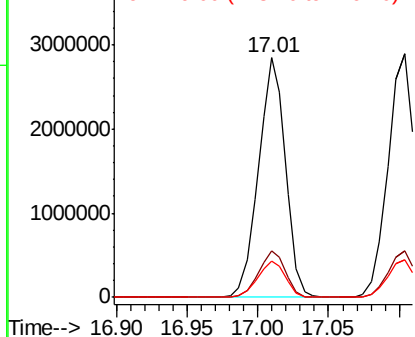
#71
Phenanthrene
Concen: 82.820 ng
RT: 17.01 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 3829702
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.3 12.2 18.4

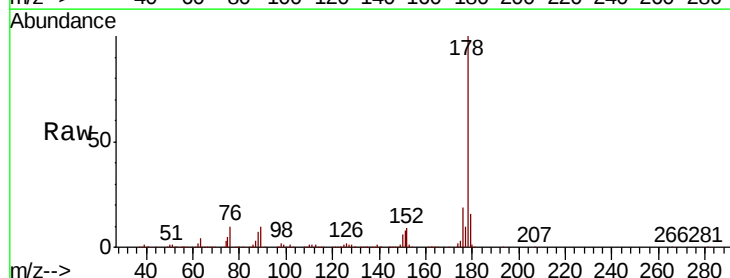


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

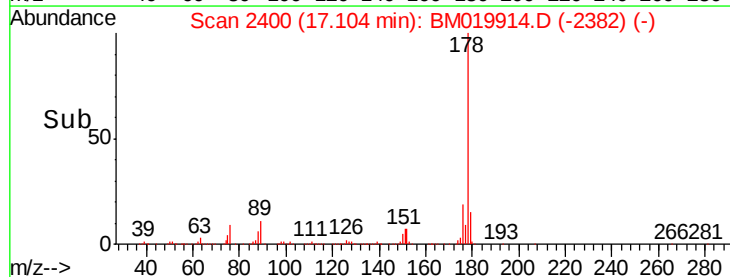
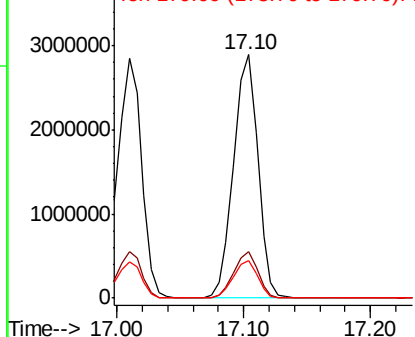


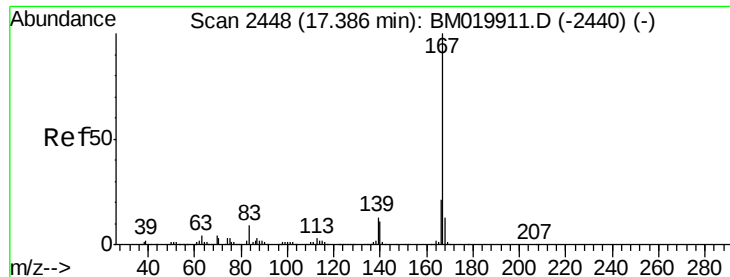
#72
Anthracene
Concen: 84.791 ng
RT: 17.10 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:178 Resp: 3838346
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 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: 84.081 ng

RT: 17.39 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

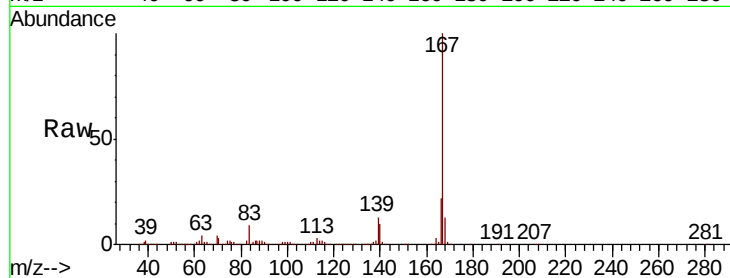
Tot Ion:167 Resp: 3592411

Ion Ratio Lower Upper

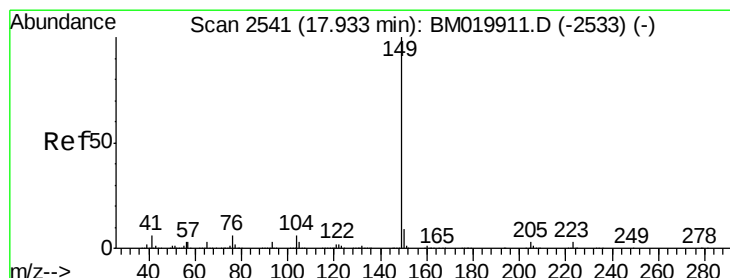
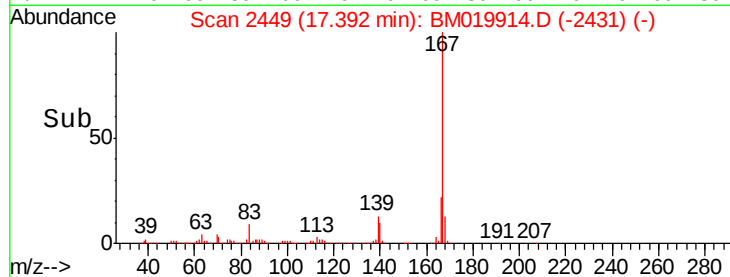
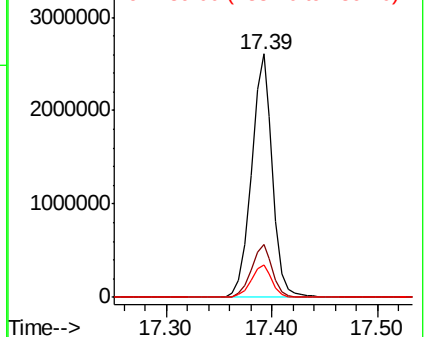
167 100

166 22.0 17.2 25.8

139 13.3 10.7 16.1



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



#74

Di-n-butylphthalate

Concen: 91.799 ng

RT: 17.93 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

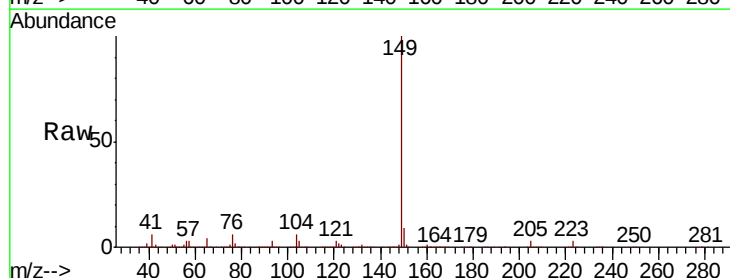
Tgt Ion:149 Resp: 4742921

Ion Ratio Lower Upper

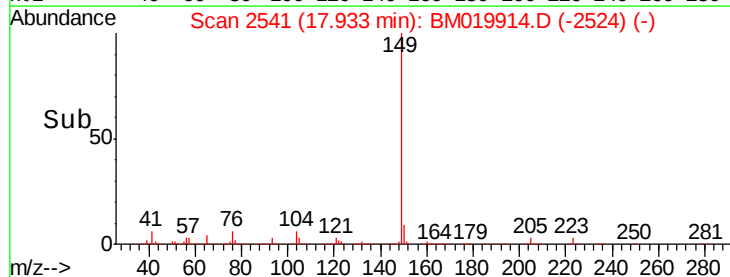
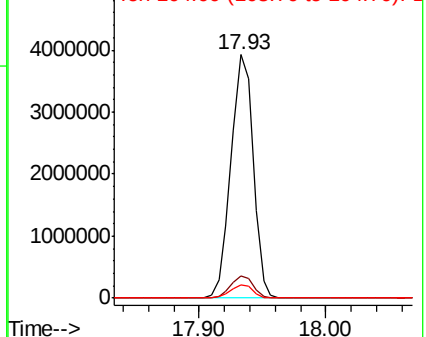
149 100

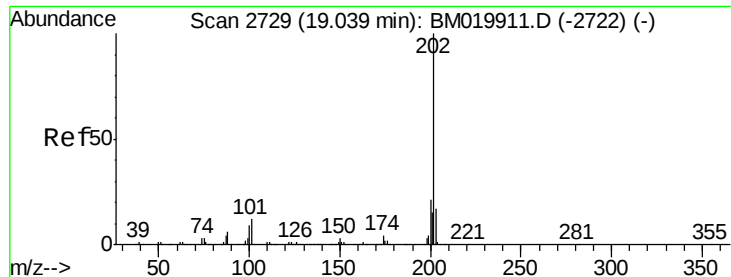
150 9.2 7.2 10.8

104 5.5 4.6 7.0



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





#75

Fluoranthene

Concen: 83.525 ng

RT: 19.04 min Scan# 2730

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

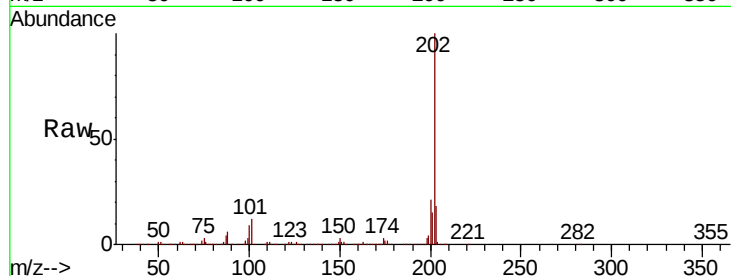
Tot Ion:202 Resp: 4431868

Ion Ratio Lower Upper

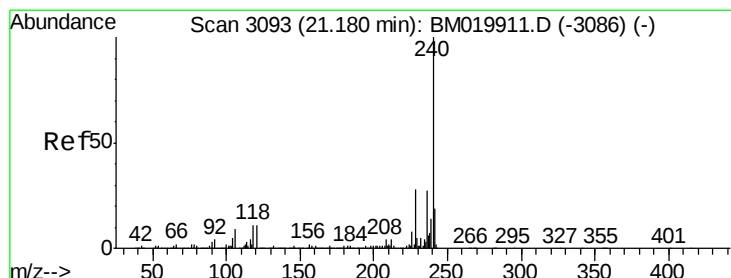
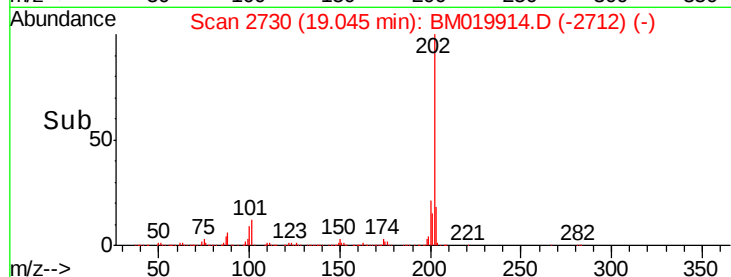
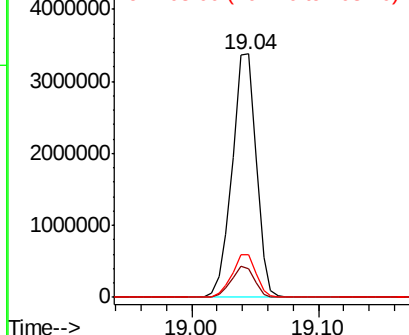
202 100

101 11.7 0.0 31.7

203 17.6 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: BM019914.D

Acq: 15 Apr 2019 14:16

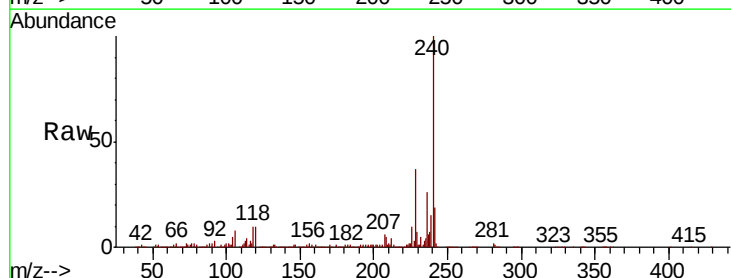
Tgt Ion:240 Resp: 813436

Ion Ratio Lower Upper

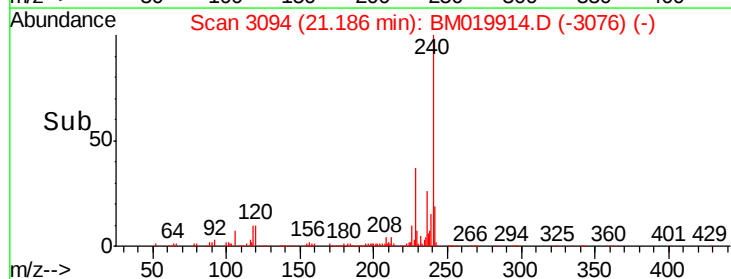
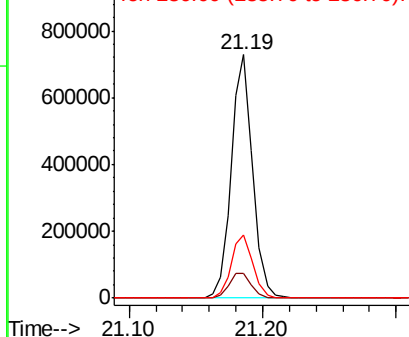
240 100

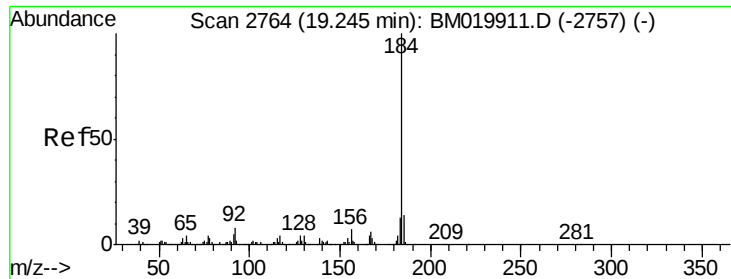
120 10.2 8.6 13.0

236 25.9 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: 60.942 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

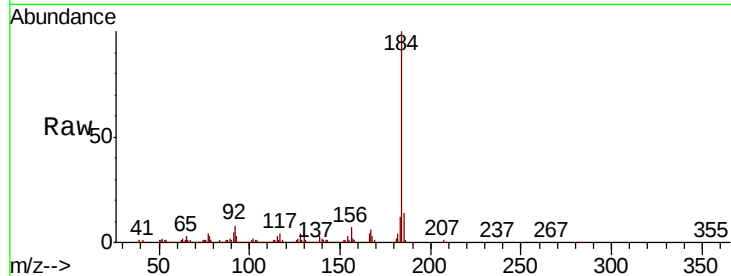
Tot Ion:184 Resp: 1405908

Ion Ratio Lower Upper

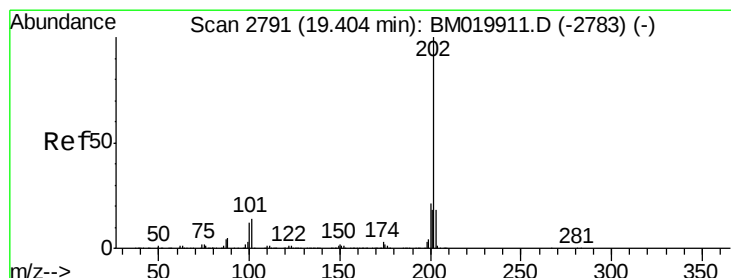
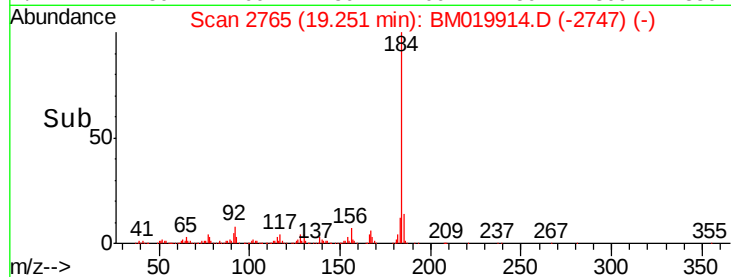
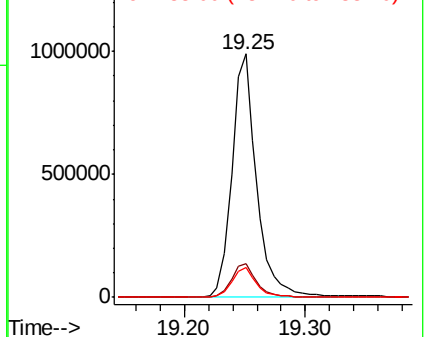
184 100

185 13.9 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: 86.978 ng

RT: 19.41 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

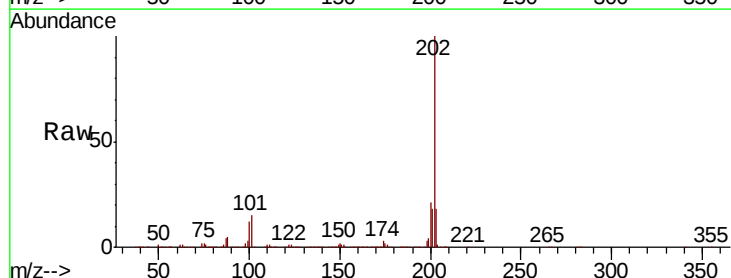
Tgt Ion:202 Resp: 4476506

Ion Ratio Lower Upper

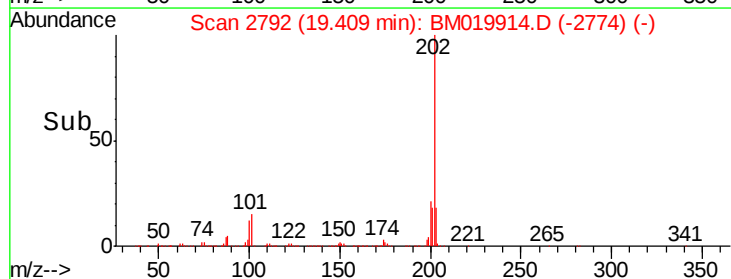
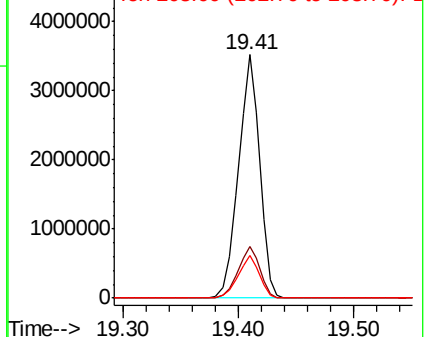
202 100

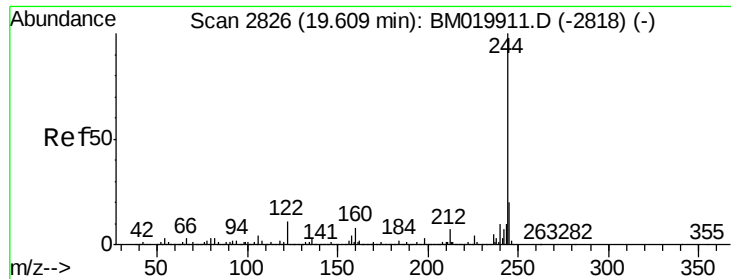
200 21.4 17.0 25.4

203 17.7 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: 192.954 ng

RT: 19.62 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampled :

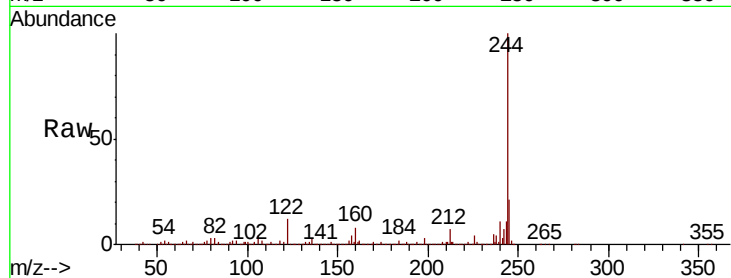
Tot Ion:244 Resp: 7906223

Ion Ratio Lower Upper

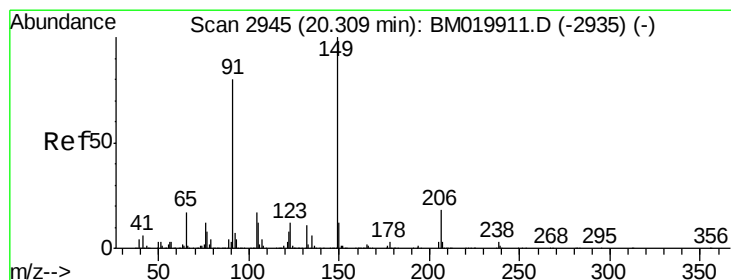
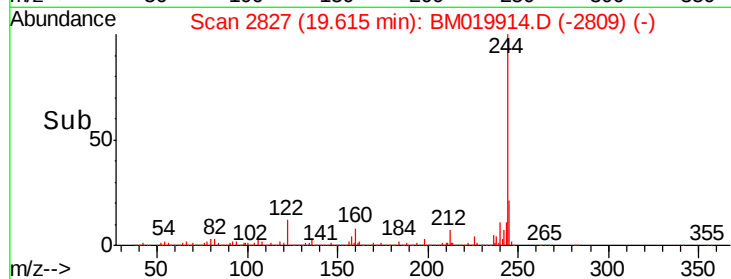
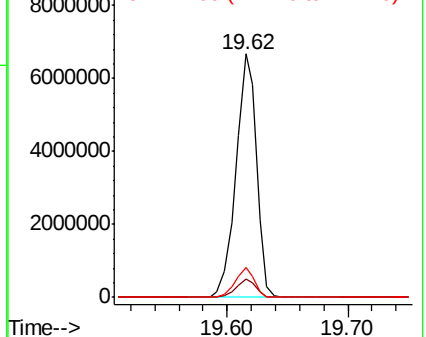
244 100

212 7.3 5.7 8.5

122 12.1 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: 97.375 ng

RT: 20.32 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

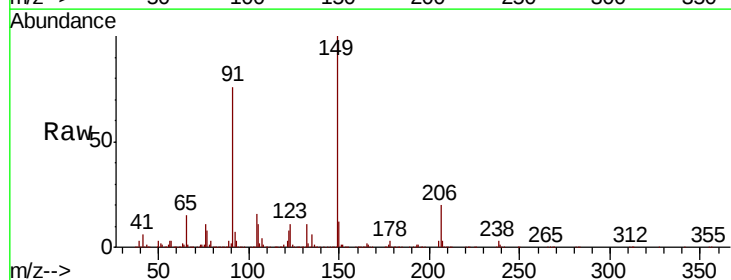
Tgt Ion:149 Resp: 2182824

Ion Ratio Lower Upper

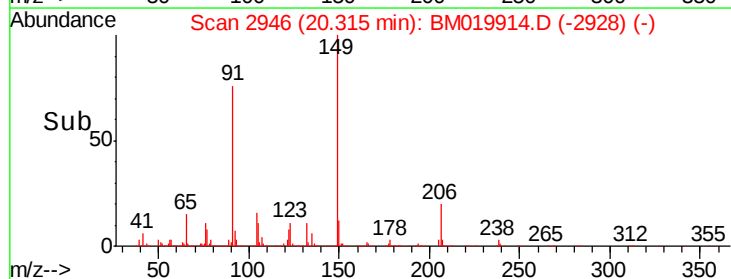
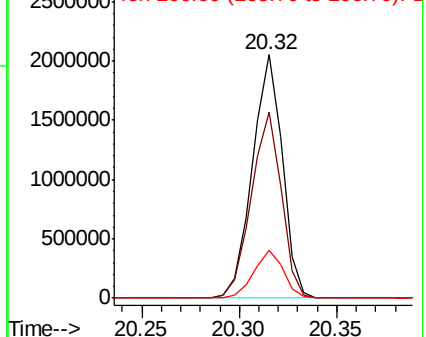
149 100

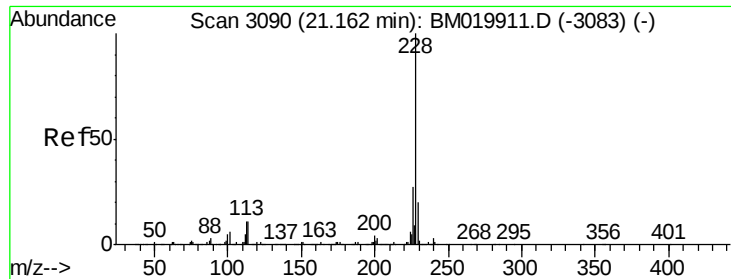
91 76.2 63.7 95.5

206 19.7 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: 81.714 ng

RT: 21.17 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

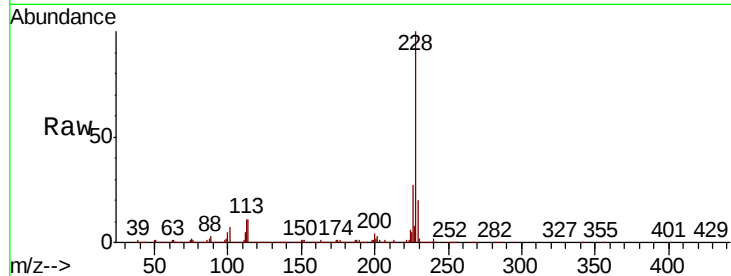
Tot Ion:228 Resp: 4170020

Ion Ratio Lower Upper

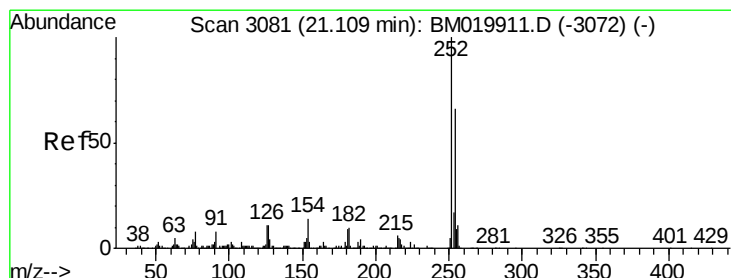
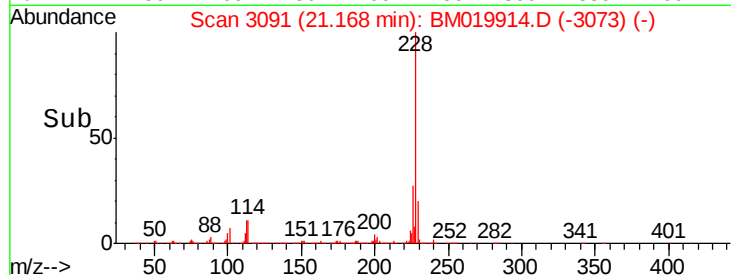
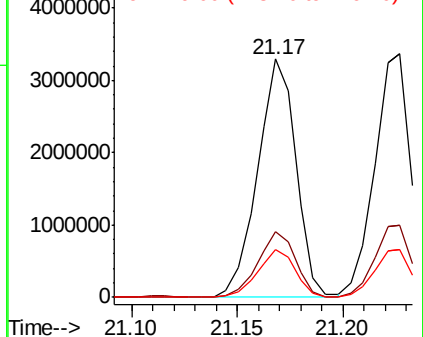
228 100

226 27.3 21.8 32.6

229 19.8 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: 74.415 ng

RT: 21.11 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

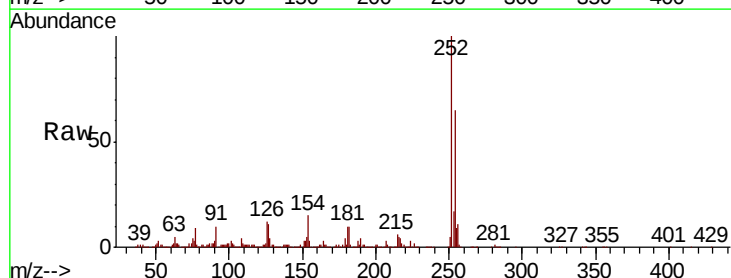
Tgt Ion:252 Resp: 1462946

Ion Ratio Lower Upper

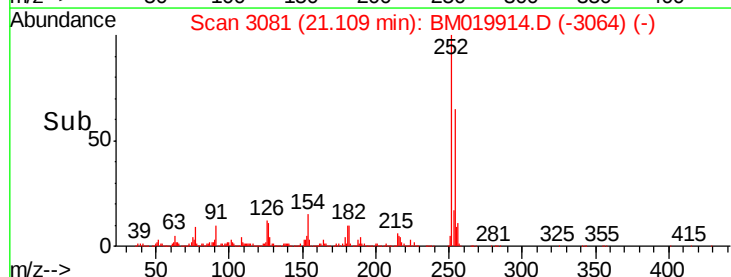
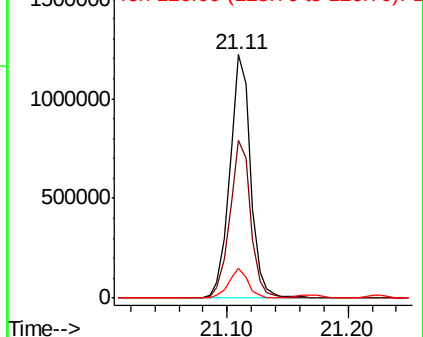
252 100

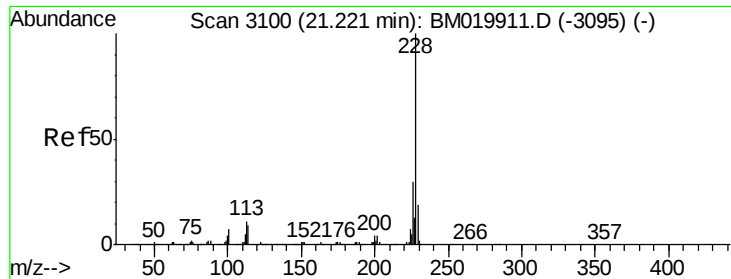
254 64.9 52.6 78.8

126 12.0 8.6 12.8



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

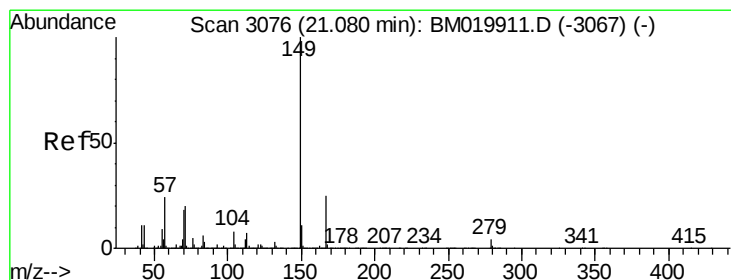
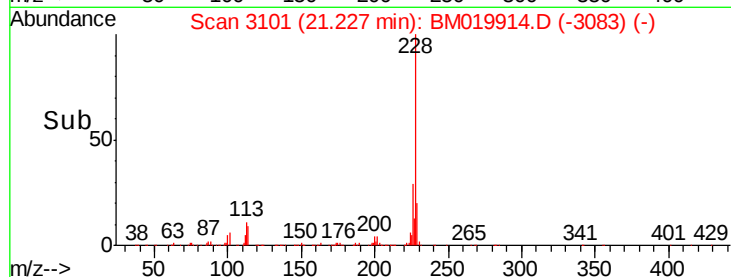
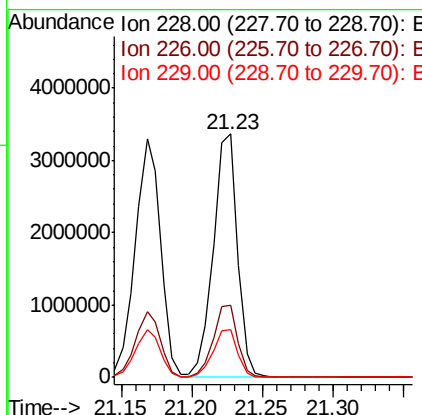
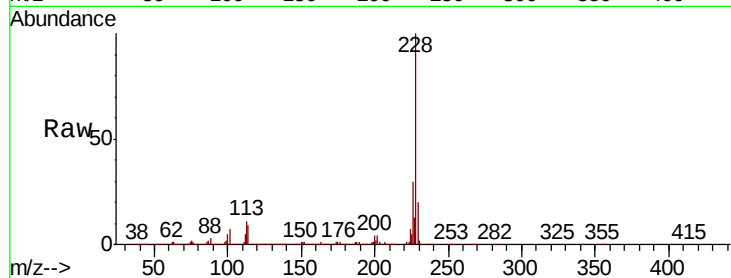




#83
 Chrvsene
 Concen: 80.989 ng
 RT: 21.23 min Scan# 3101
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

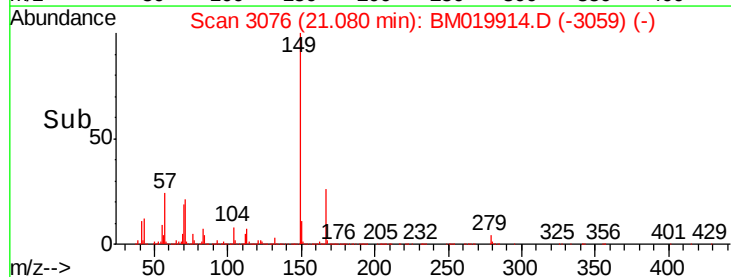
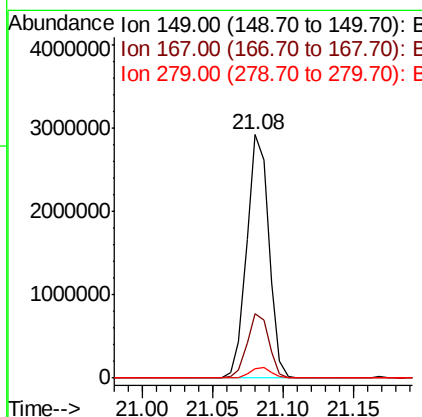
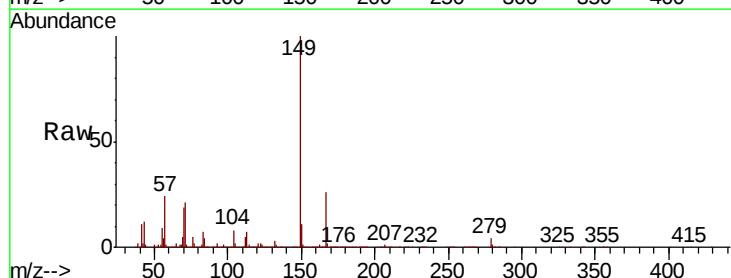
Instrument :
 BNA_M
 ClientSampleId :

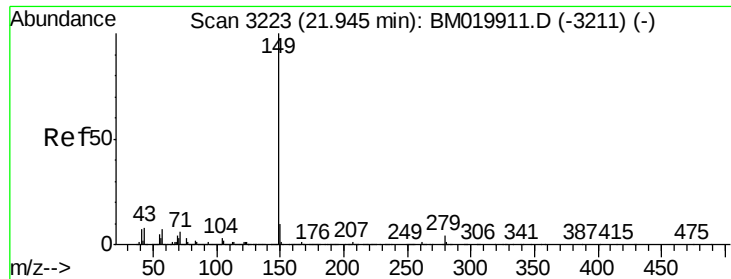
Tot Ion:228 Resp: 3998434
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.7 35.5
 229 19.5 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 98.465 ng
 RT: 21.08 min Scan# 3076
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion:149 Resp: 3211227
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.3 30.5
 279 4.0 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 91.739 ng

RT: 21.95 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampled :

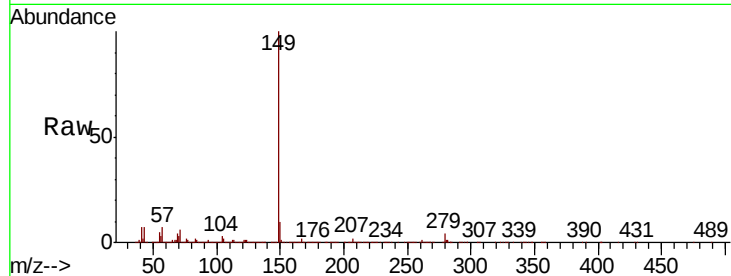
Tot Ion:149 Resp: 5037947

Ion Ratio Lower Upper

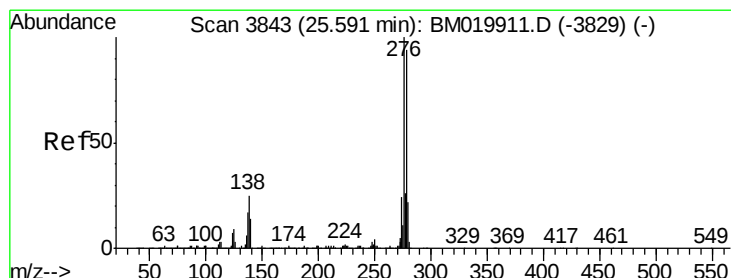
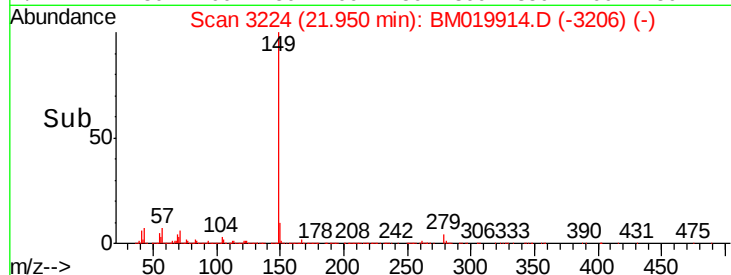
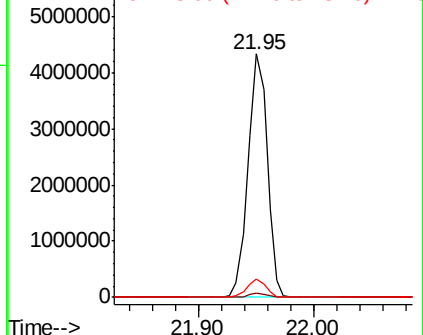
149 100

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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 70.556 ng

RT: 25.61 min Scan# 3846

Delta R.T. 0.02 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

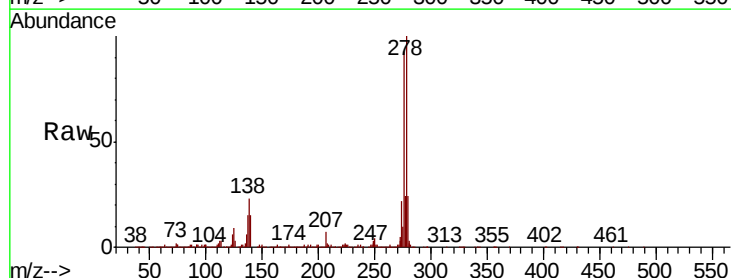
Tgt Ion:276 Resp: 3749753

Ion Ratio Lower Upper

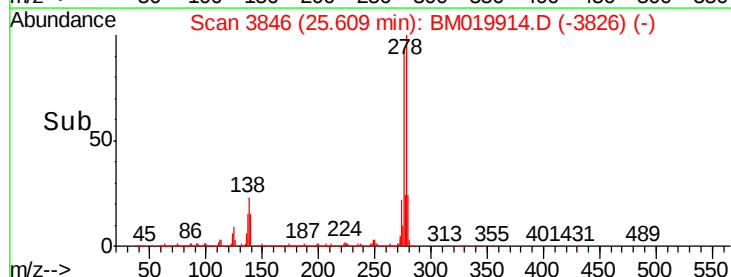
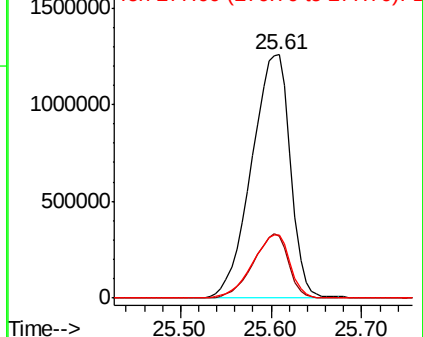
276 100

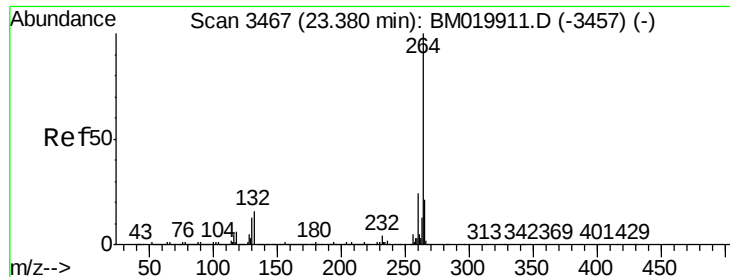
138 24.3 19.0 28.6

277 25.3 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

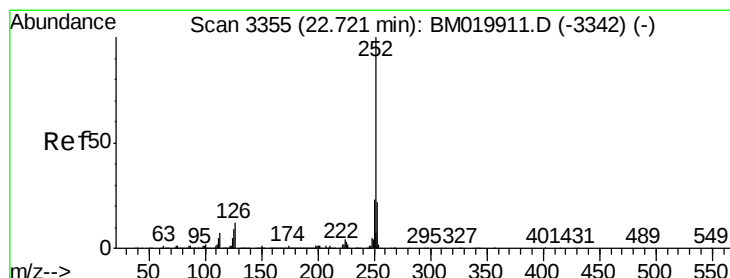
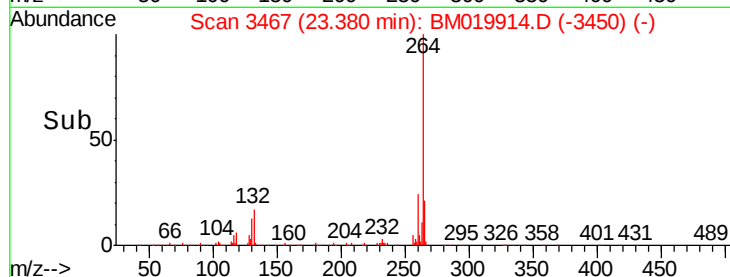
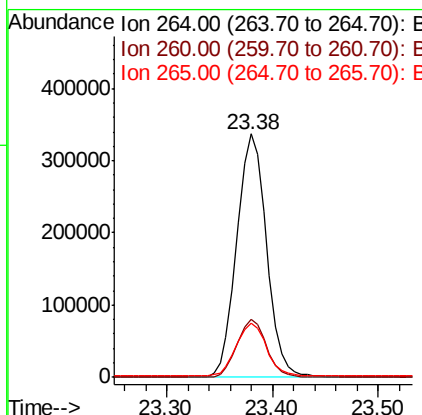
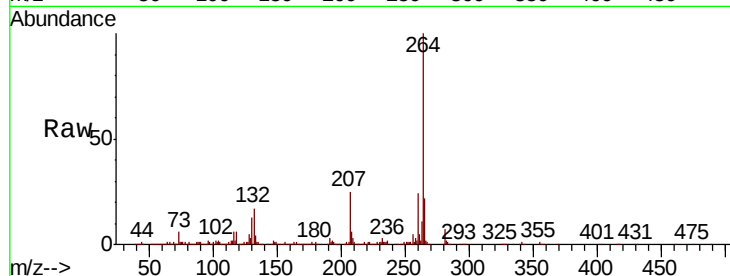




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

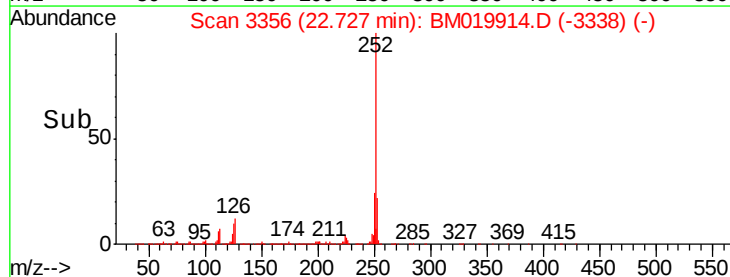
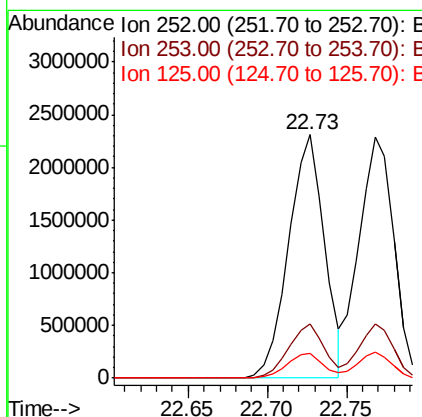
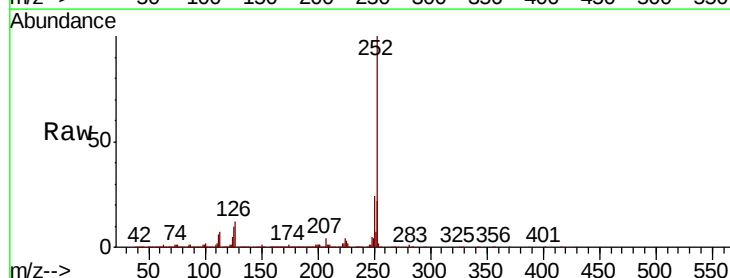
Instrument :
BNA_M
ClientSampleId :

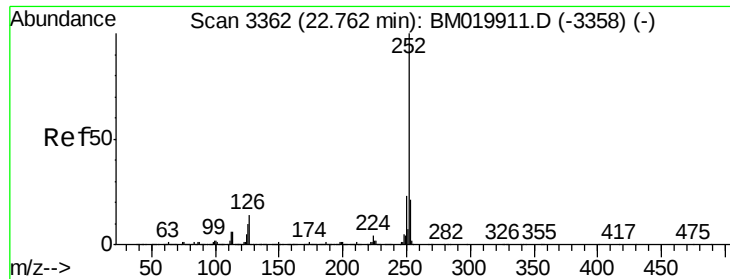
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 84.092 ng
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.2	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 87.865 ng

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

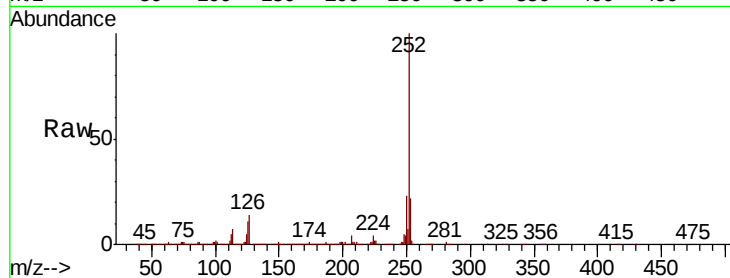
Tot Ion:252 Resp: 3469451

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.5 8.2 12.4

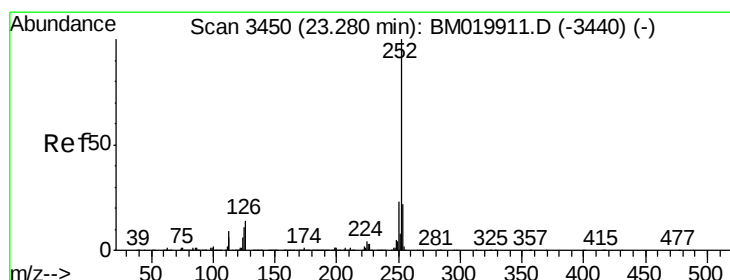
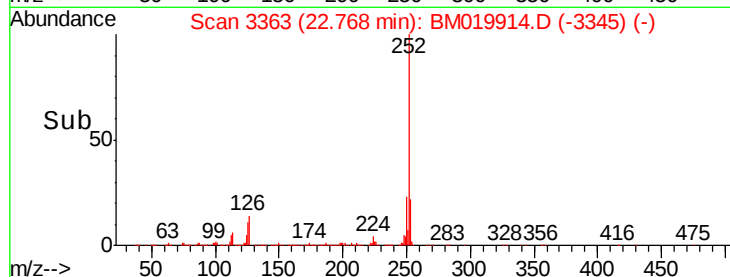
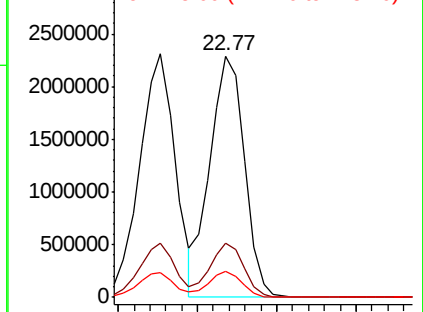


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 82.842 ng

RT: 23.29 min Scan# 3452

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

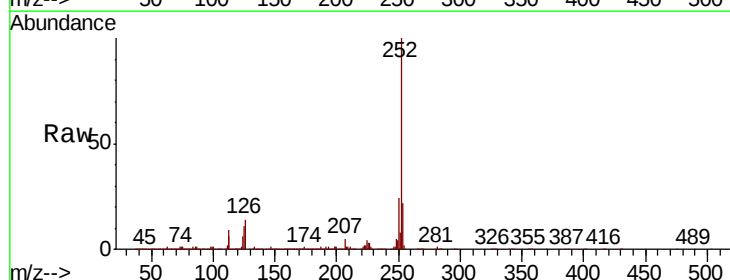
Tgt Ion:252 Resp: 3196029

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.1 9.1 13.7

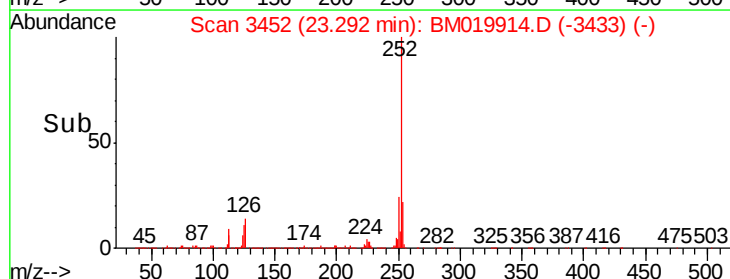
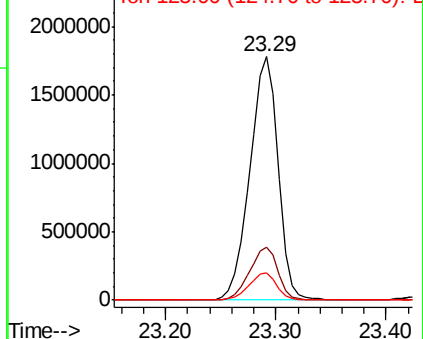


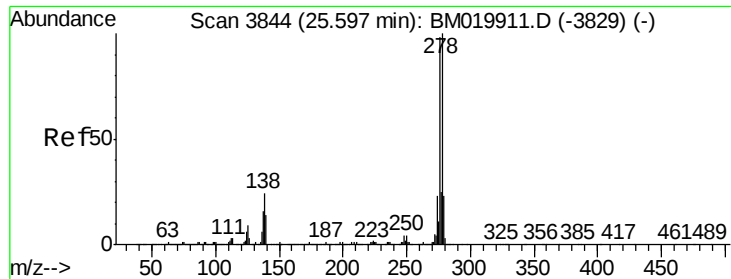
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 85.934 ng

RT: 25.61 min Scan# 3846

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

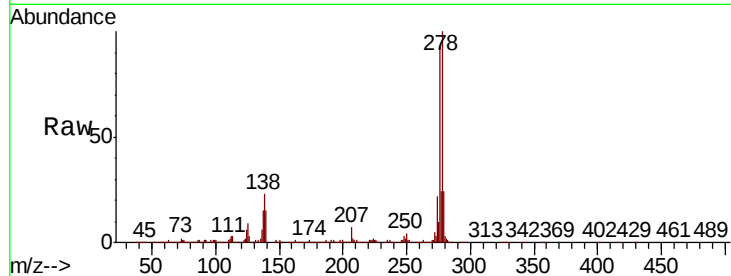
Tot Ion:278 Resp: 3171434

Ion Ratio Lower Upper

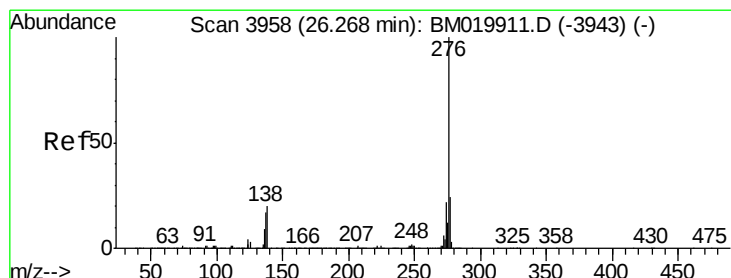
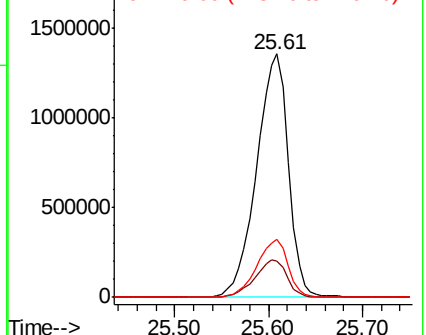
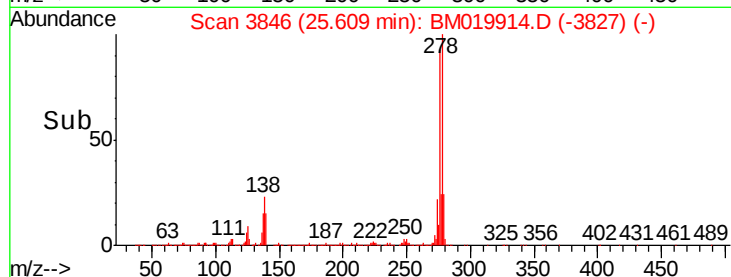
278 100

139 15.1 11.6 17.4

279 23.6 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: 83.579 ng

RT: 26.28 min Scan# 3960

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

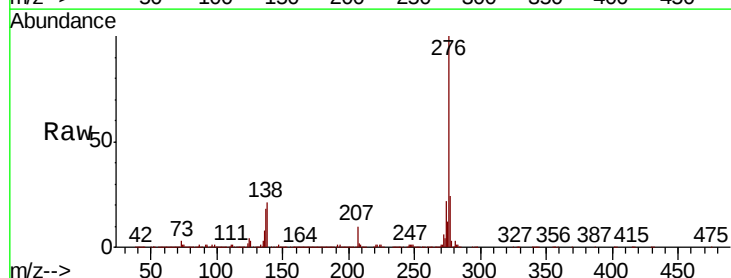
Tgt Ion:276 Resp: 2831875

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.9 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

