

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018914.D
 Acq On : 25 Feb 2019 14:11
 Operator : JU/SJ
 Sample : K1586-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-1MS

Quant Time: Feb 25 16:18:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 12:45:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	207021	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	794664	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	425625	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	921407	20.00	ng	0.00
76) Chrysene-d12	21.29	240	1057325	20.00	ng	0.00
87) Perylene-d12	23.54	264	1143719	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1621854	128.36	ng	0.00
7) Phenol-d6	6.87	99	2249242	126.36	ng	0.00
23) Nitrobenzene-d5	8.86	82	1432446	83.35	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	793569	129.35	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	2523657	78.71	ng	0.00
79) Terphenyl-d14	19.73	244	3690305	72.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	175869	31.958	ng	97
3) Pyridine	3.65	79	538228	35.856	ng	100
4) n-Nitrosodimethylamine	3.56	42	169830	44.473	ng	91
6) Aniline	7.03	93	817891	37.503	ng	99
8) 2-Chlorophenol	7.26	128	546361	39.386	ng	98
9) Benzaldehyde	6.85	77	276208	25.633	ng	99
10) Phenol	6.89	94	809160	43.204	ng	100
11) bis(2-Chloroethyl)ether	7.13	93	523627	36.652	ng	99
12) 1,3-Dichlorobenzene	7.58	146	570078	36.547	ng	98
13) 1,4-Dichlorobenzene	7.73	146	588527	37.061	ng	98
14) 1,2-Dichlorobenzene	8.04	146	560301	36.732	ng	99
15) Benzyl Alcohol	7.94	79	519235	36.713	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	512935	37.096	ng	98
17) 2-Methylphenol	8.13	107	464222	38.944	ng	97
18) Hexachloroethane	8.75	117	214617	37.023	ng	97
19) n-Nitroso-di-n-propylamine	8.50	70	487084	35.343	ng	99
20) 3+4-Methylphenols	8.46	107	623084	37.854	ng	99
22) Acetophenone	8.52	105	810993	37.162	ng	# 99
24) Nitrobenzene	8.90	77	695118	38.966	ng	99
25) Isophorone	9.42	82	1193214	43.513	ng	100
26) 2-Nitrophenol	9.60	139	282191	39.721	ng	99
27) 2,4-Dimethylphenol	9.66	122	468856	45.186	ng	98
28) bis(2-Chloroethoxy)methane	9.90	93	705897	39.807	ng	99
29) 2,4-Dichlorophenol	10.13	162	482093	40.463	ng	100
30) 1,2,4-Trichlorobenzene	10.34	180	528279	38.394	ng	99
31) Naphthalene	10.53	128	1610543	41.555	ng	100
33) 4-Chloroaniline	10.66	127	576794	33.293	ng	99
34) Hexachlorobutadiene	10.79	225	287048	35.942	ng	99
35) Caprolactam	11.47	113	150673	30.987	ng	91
36) 4-Chloro-3-methylphenol	11.77	107	549277	38.238	ng	99
37) 2-Methylnaphthalene	12.15	142	1157388	42.416	ng	99
38) 1-Methylnaphthalene	12.37	142	1095274	41.047	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	541922	39.802	ng	99
41) Hexachlorocyclopentadiene	12.48	237	663676	95.340	ng	99

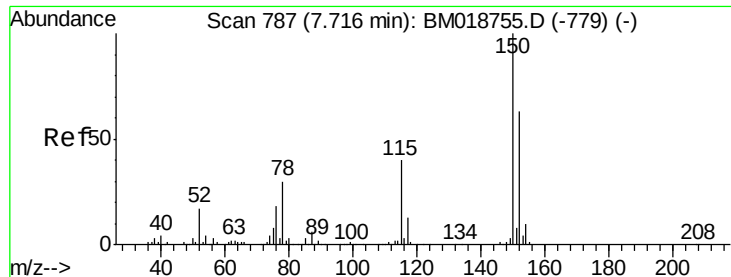
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
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 QLast Update : Mon Feb 25 12:45:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.76	196	376839	41.809	ng	99
44) 2,4,5-Trichlorophenol	12.84	196	397038	42.027	ng	99
46) 1,1'-Biphenyl	13.17	154	1435682	39.187	ng	99
47) 2-Chloronaphthalene	13.22	162	1119995	39.579	ng	100
48) 2-Nitroaniline	13.44	65	383660	40.822	ng	100
49) Acenaphthylene	14.06	152	1818176	43.150	ng	99
50) Dimethylphthalate	13.81	163	1552381	43.764	ng	100
51) 2,6-Dinitrotoluene	13.94	165	305587	39.770	ng	100
52) Acenaphthene	14.41	154	1038383	40.190	ng	99
53) 3-Nitroaniline	14.27	138	289033	33.291	ng	98
54) 2,4-Dinitrophenol	14.48	184	325439	67.702	ng	99
55) Dibenzofuran	14.74	168	1687258	39.731	ng	99
56) 4-Nitrophenol	14.58	139	539162	77.794	ng	97
57) 2,4-Dinitrotoluene	14.73	165	429355	40.555	ng	99
58) Fluorene	15.40	166	1364617	42.003	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	359032	42.995	ng	99
60) Diethylphthalate	15.17	149	1473746	40.277	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	667583	36.649	ng	99
62) 4-Nitroaniline	15.44	138	315698	37.091	ng	97
63) Azobenzene	15.69	77	1534867	39.122	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	241992	37.406	ng	99
66) n-Nitrosodiphenylamine	15.61	169	1191363	40.925	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	395152	38.314	ng	96
68) Hexachlorobenzene	16.39	284	469345	39.151	ng	98
69) Atrazine	16.57	200	372896	39.733	ng	99
70) Pentachlorophenol	16.74	266	624722	80.935	ng	100
71) Phenanthrene	17.14	178	2163900	43.699	ng	99
72) Anthracene	17.23	178	2186060	45.357	ng	99
73) Carbazole	17.51	167	2028285	40.280	ng	99
74) Di-n-butylphthalate	18.06	149	2537325	43.814	ng	100
75) Fluoranthene	19.16	202	2536509	44.345	ng	99
77) Benzidine	19.36	184	1828422	76.784	ng	99
78) Pyrene	19.53	202	2619699	42.660	ng	99
80) Butylbenzylphthalate	20.43	149	1247692	44.582	ng	97
81) Benzo(a)anthracene	21.28	228	2694776	43.723	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	877983	36.044	ng	99
83) Chrysene	21.33	228	2525897	42.758	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	1802106	43.996	ng	98
85) Di-n-octyl phthalate	22.08	149	3149570	45.750	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3488048	51.141	ng	100
88) Benzo(b)fluoranthene	22.86	252	2779137	42.471	ng	100
89) Benzo(k)fluoranthene	22.91	252	2782073	42.705	ng	99
90) Benzo(a)pyrene	23.44	252	2757024	44.476	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2950891	48.048	ng	99
92) Benzo(g,h,i)perylene	26.53	276	2859745	50.016	ng	100

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

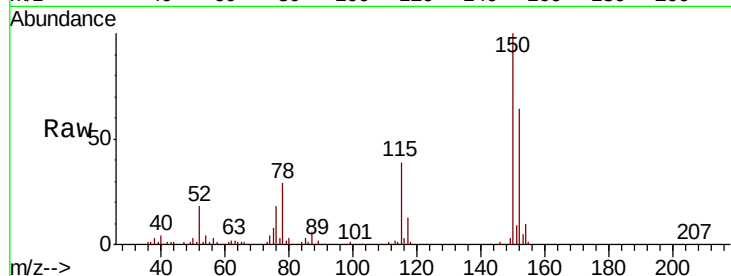


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.3	190.9
115	61.9	50.8	76.2

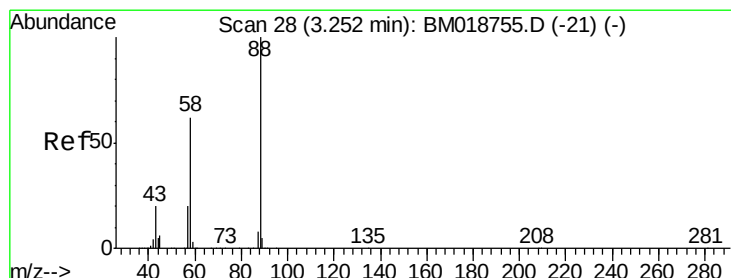
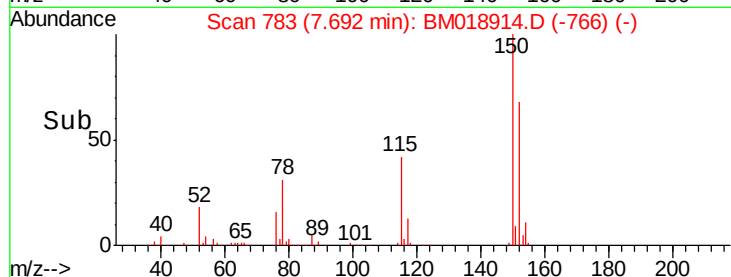
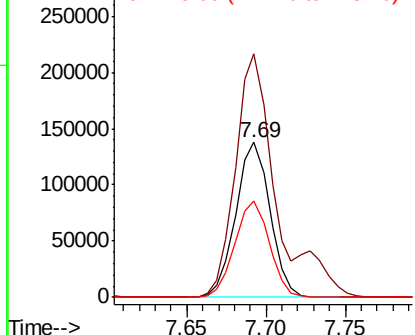


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

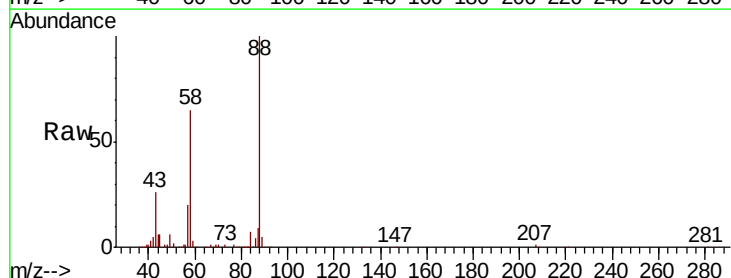
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.958 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.1	49.8	74.6
43	22.7	16.7	25.1

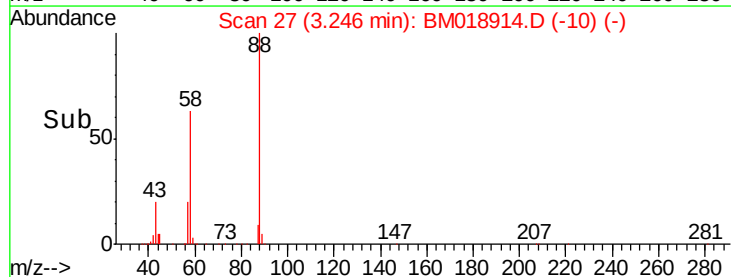
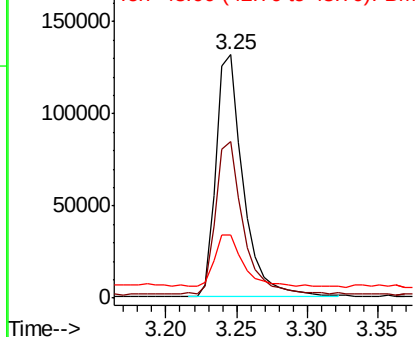


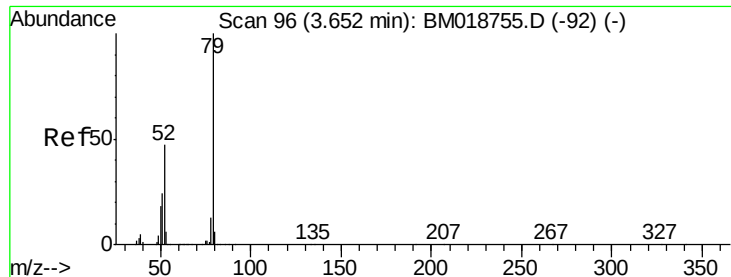
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 35.856 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

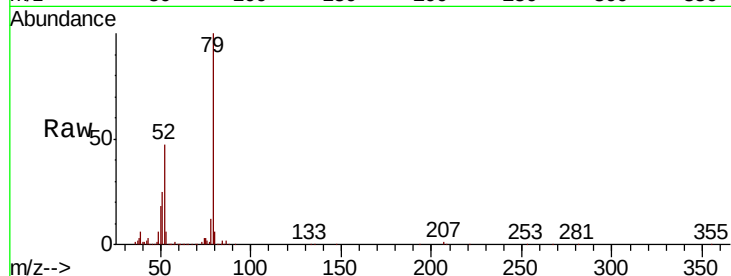
Tot Ion: 79 Resp: 538228

Ion Ratio Lower Upper

79 100

52 46.8 37.6 56.4

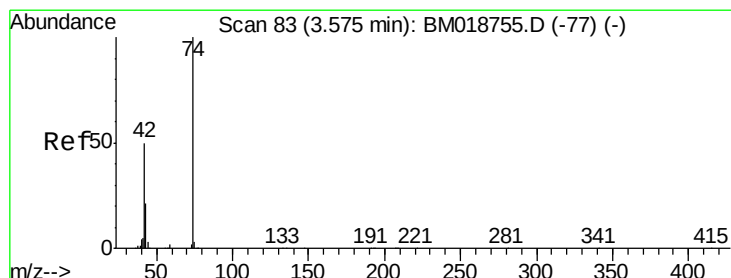
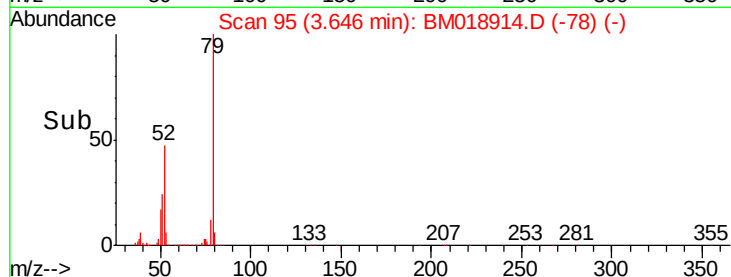
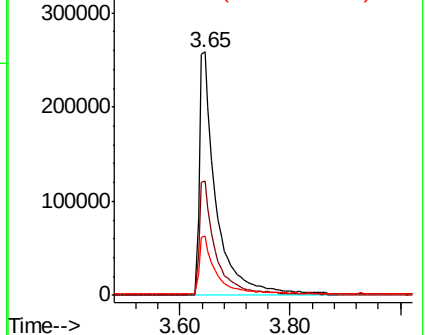
51 24.6 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 44.473 ng

RT: 3.56 min Scan# 81

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

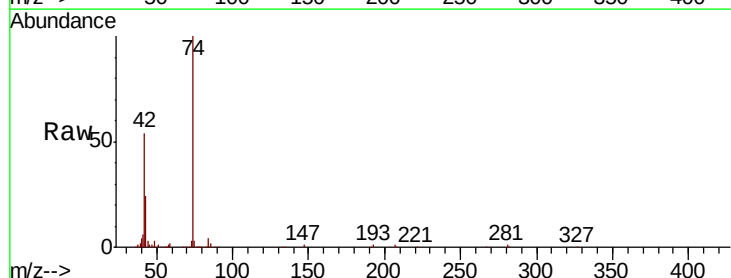
Tgt Ion: 42 Resp: 169830

Ion Ratio Lower Upper

42 100

74 183.6 158.1 237.1

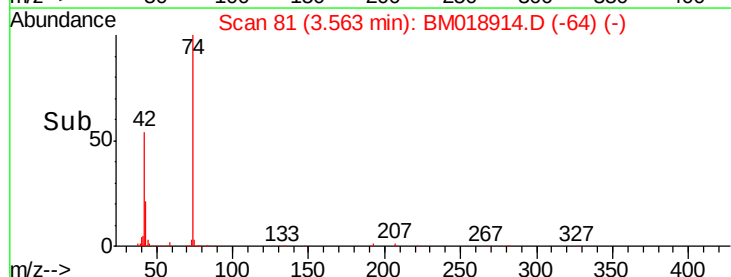
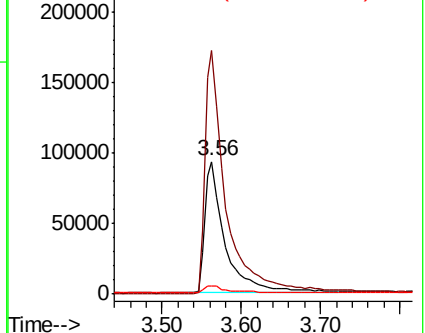
44 6.1 4.9 7.3

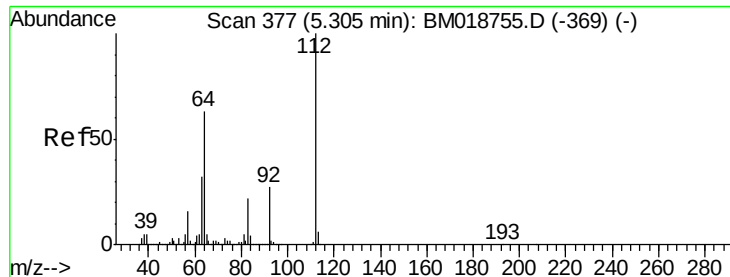


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 128.362 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

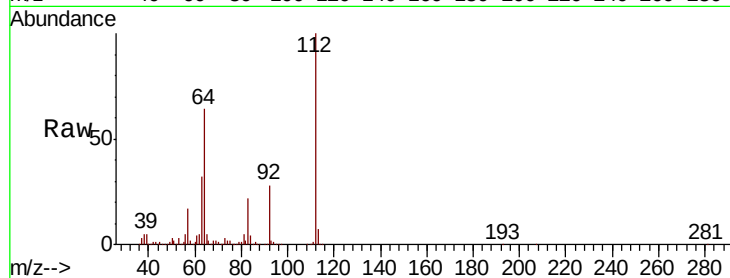
Tot Ion:112 Resp: 1621854

Ion Ratio Lower Upper

112 100

64 63.6 50.6 75.8

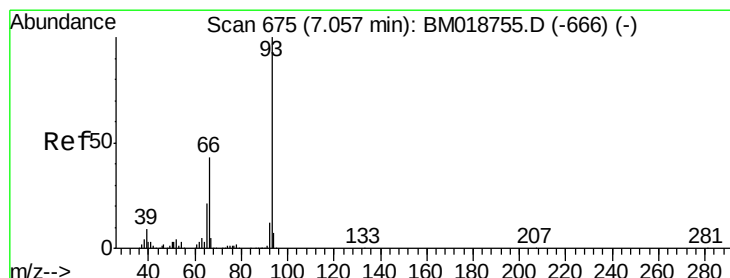
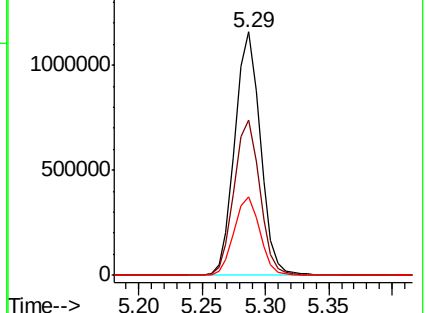
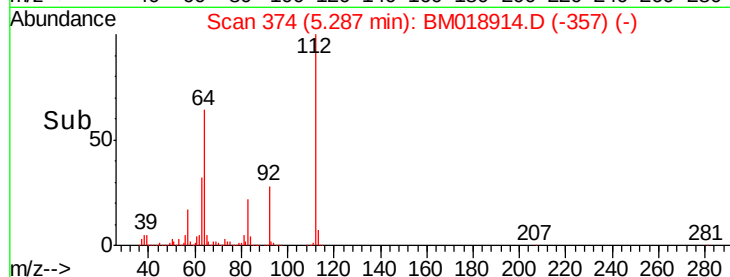
63 32.4 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 37.503 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

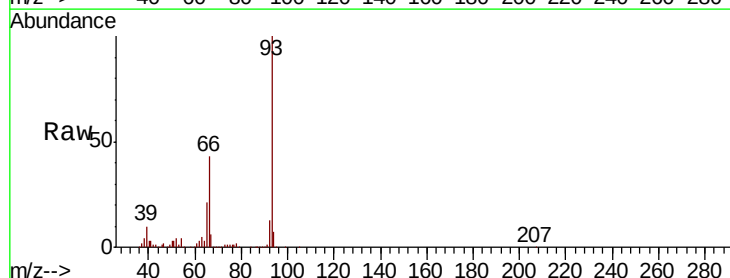
Tgt Ion: 93 Resp: 817891

Ion Ratio Lower Upper

93 100

66 42.9 34.1 51.1

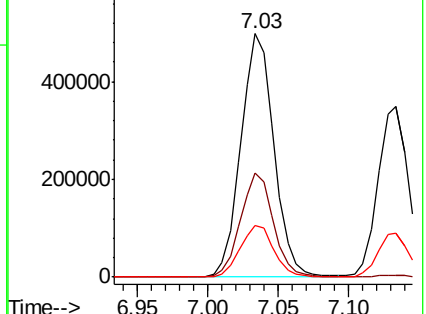
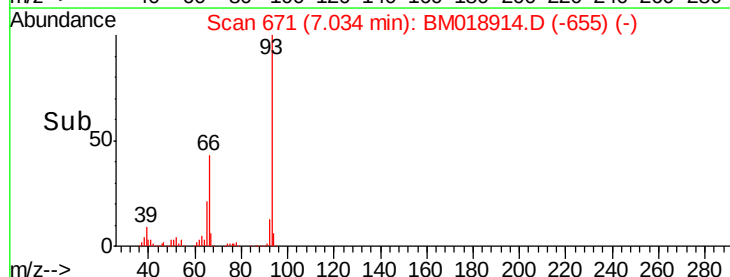
65 21.1 16.6 24.8

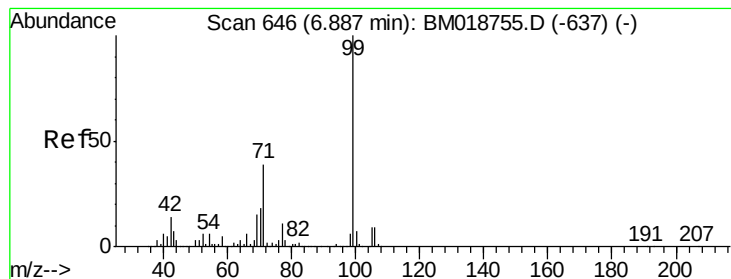


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 126.365 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

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ClientSampleId :

M-1MS

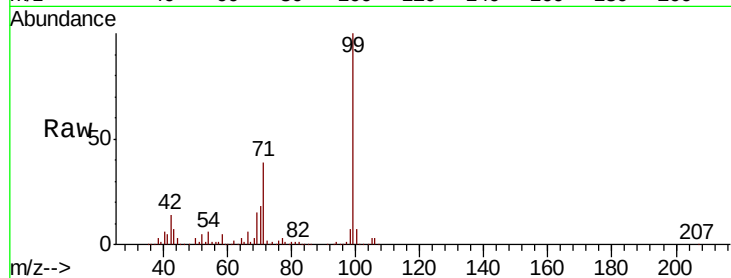
Tot Ion: 99 Resp: 2249242

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

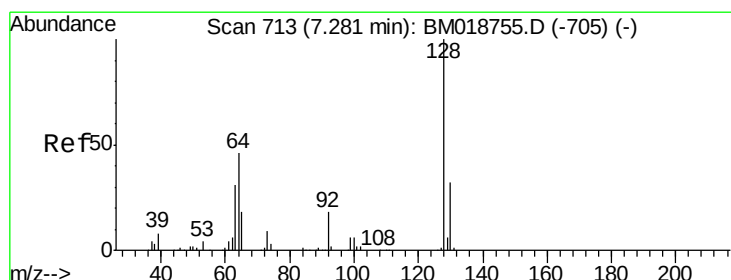
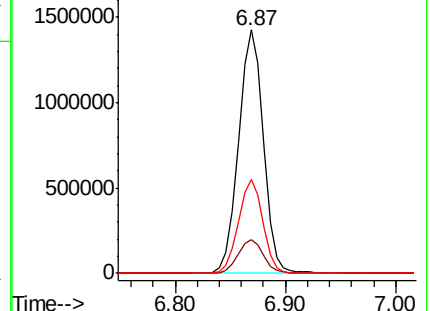
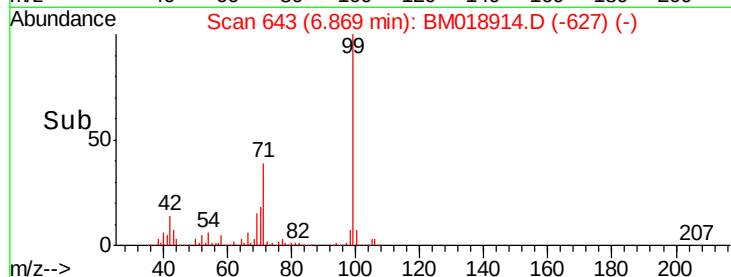
71 38.7 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 39.386 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

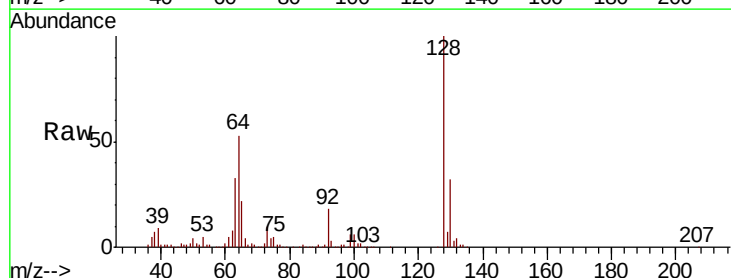
Tgt Ion:128 Resp: 546361

Ion Ratio Lower Upper

128 100

130 32.1 11.7 51.7

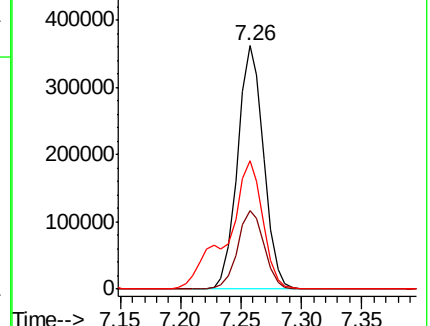
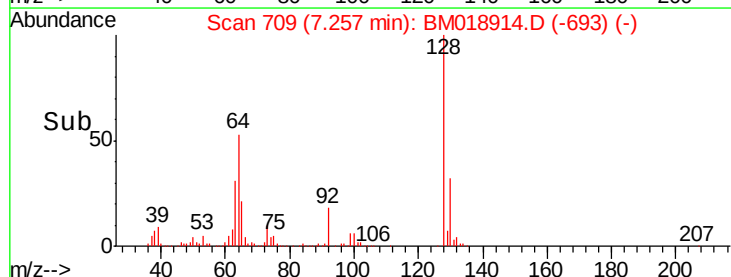
64 52.7 31.0 71.0

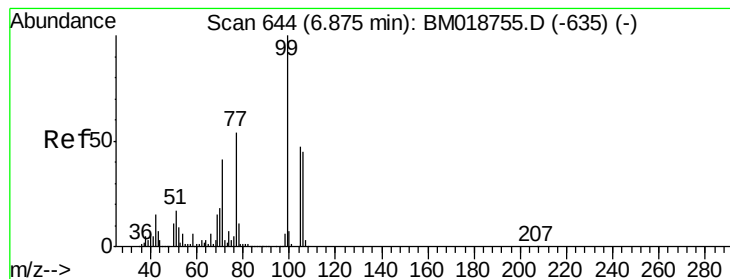


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 25.633 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

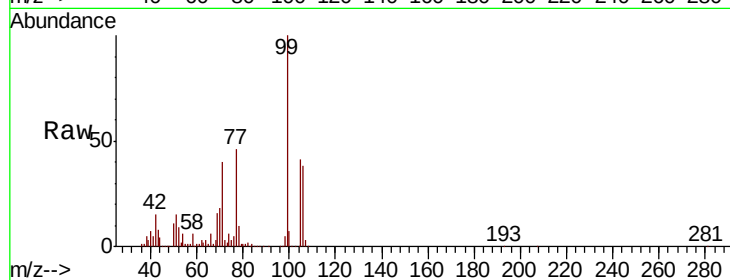
Tot Ion: 77 Resp: 276208

Ion Ratio Lower Upper

77 100

105 88.4 67.3 107.3

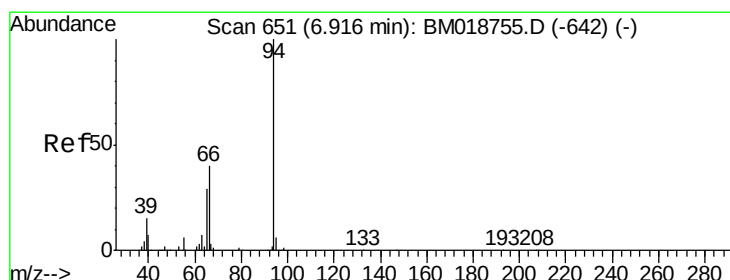
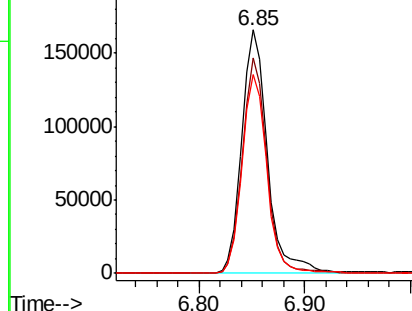
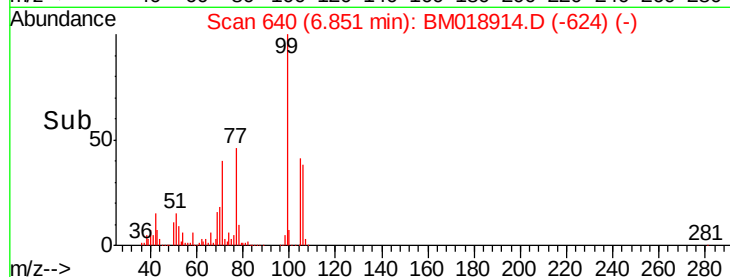
106 81.9 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018914.D (-624) (-)

Ion 105.00 (104.70 to 105.70): BM018914.D (-624) (-)

Ion 106.00 (105.70 to 106.70): BM018914.D (-624) (-)



#10

Phenol

Concen: 43.204 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

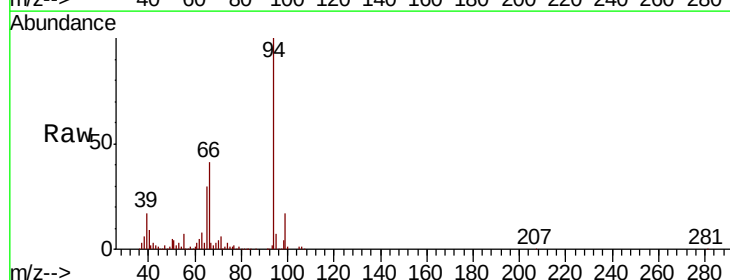
Tgt Ion: 94 Resp: 809160

Ion Ratio Lower Upper

94 100

65 29.8 9.6 49.6

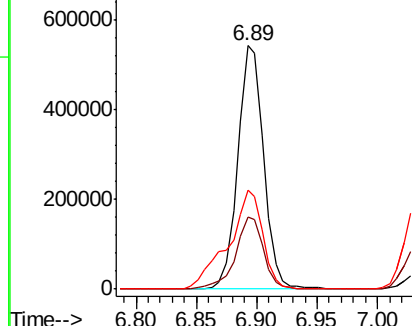
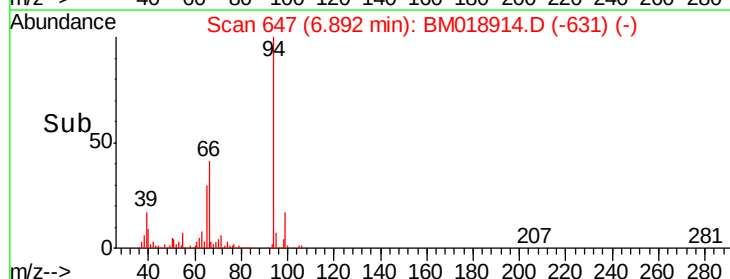
66 40.6 20.4 60.4

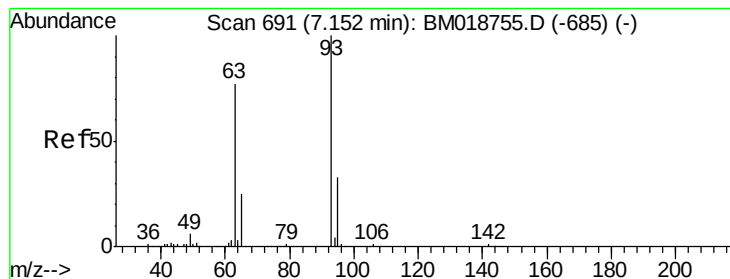


Abundance Ion 94.00 (93.70 to 94.70): BM018914.D (-631) (-)

Ion 65.00 (64.70 to 65.70): BM018914.D (-631) (-)

Ion 66.00 (65.70 to 66.70): BM018914.D (-631) (-)





#11

bis(2-Chloroethyl)ether

Concen: 36.652 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

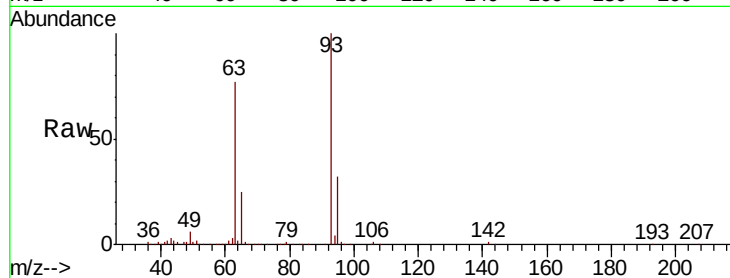
Tot Ion: 93 Resp: 523627

Ion Ratio Lower Upper

93 100

63 77.3 57.0 97.0

95 31.9 12.4 52.4

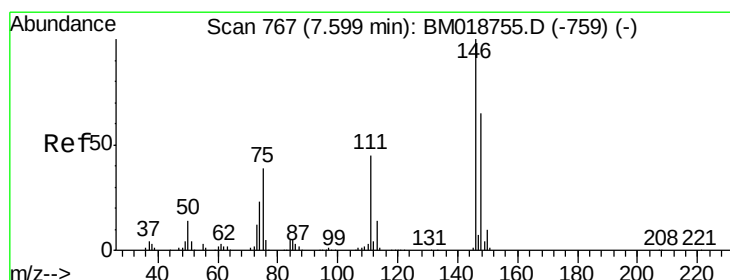
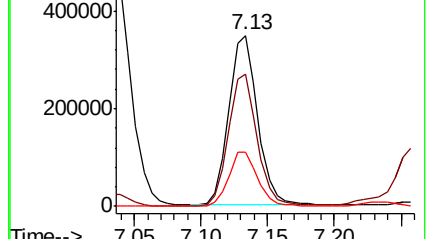
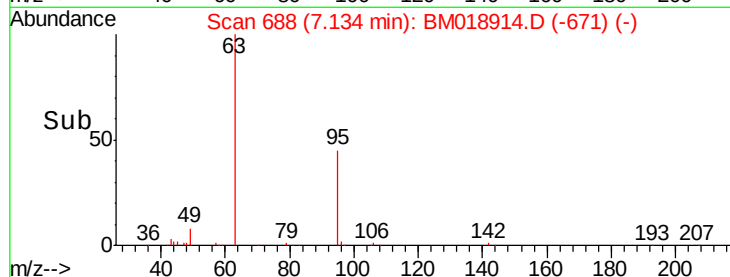


Abundance Ion 93.00 (92.70 to 93.70): BM018755.D (-685) (-)

Ion 63.00 (62.70 to 63.70): BM018755.D (-685) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-685) (-)

Time-->



#12

1,3-Dichlorobenzene

Concen: 36.547 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

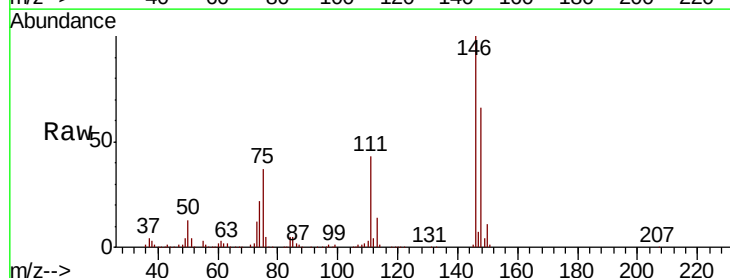
Tgt Ion: 146 Resp: 570078

Ion Ratio Lower Upper

146 100

148 66.1 51.7 77.5

75 37.5 31.3 46.9

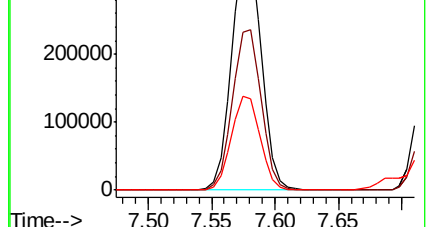
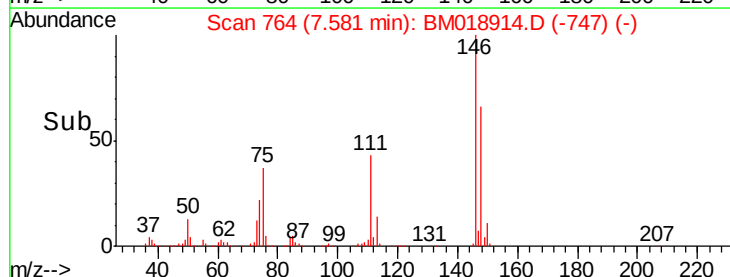


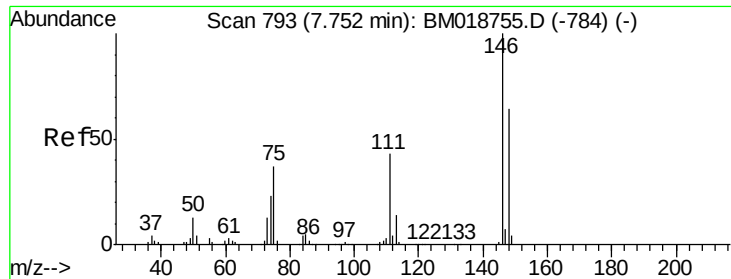
Abundance Ion 146.00 (145.70 to 146.70): BM018755.D (-759) (-)

Ion 148.00 (147.70 to 148.70): BM018755.D (-759) (-)

Ion 75.00 (74.70 to 75.70): BM018755.D (-759) (-)

Time-->

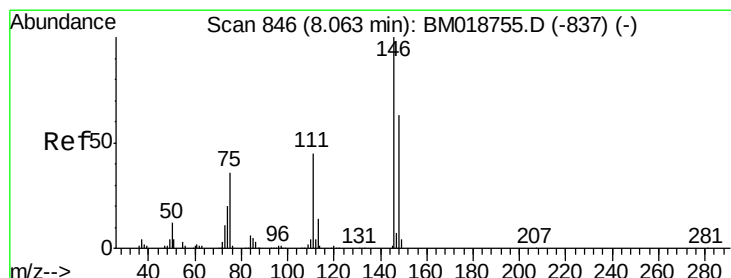
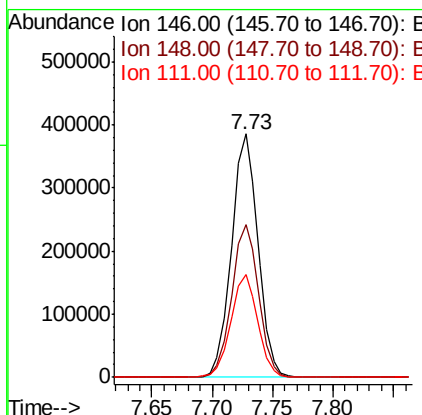
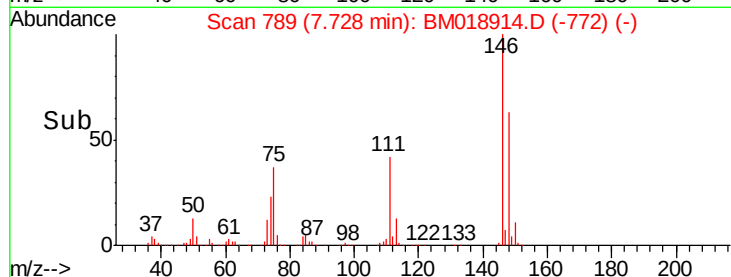
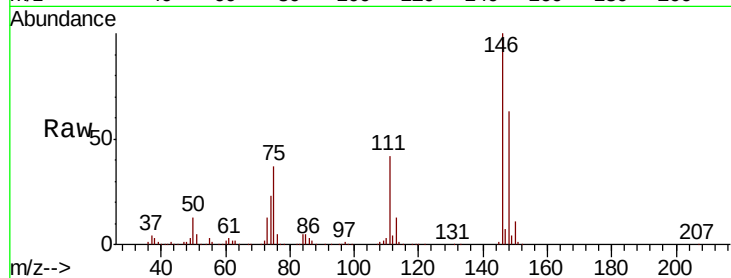




#13
 1,4-Dichlorobenzene
 Concen: 37.061 ng
 RT: 7.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

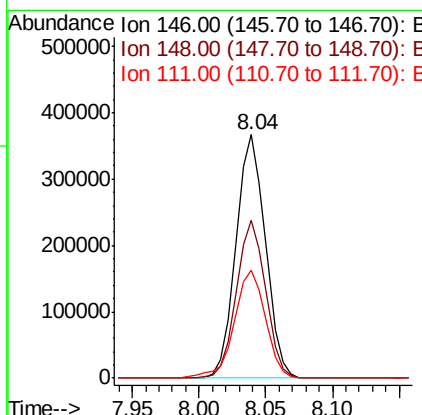
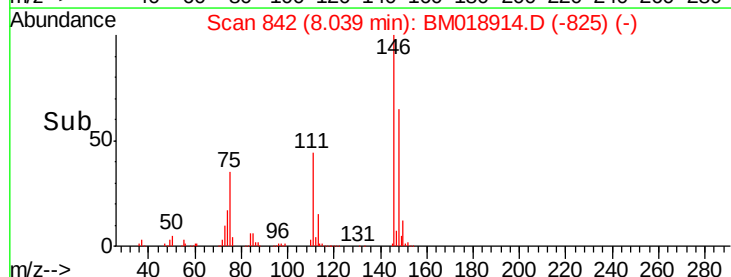
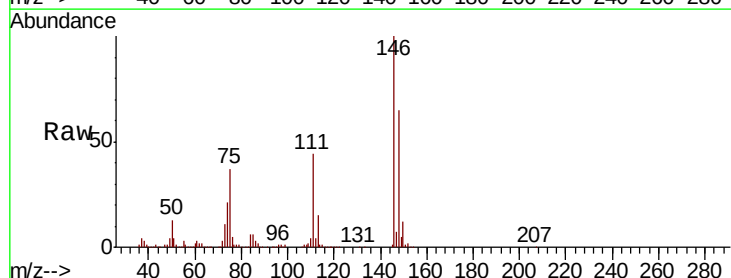
Instrument :
 BNA_M
 ClientSampleId :
 M-1MS

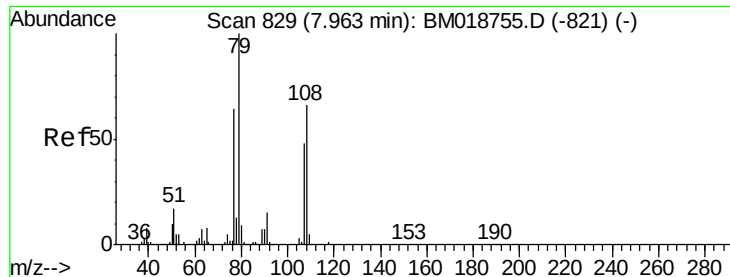
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.2
111	42.2	34.6	52.0



#14
 1,2-Dichlorobenzene
 Concen: 36.732 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.7	76.1
111	44.3	35.9	53.9





#15

Benzyl Alcohol

Concen: 36.713 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

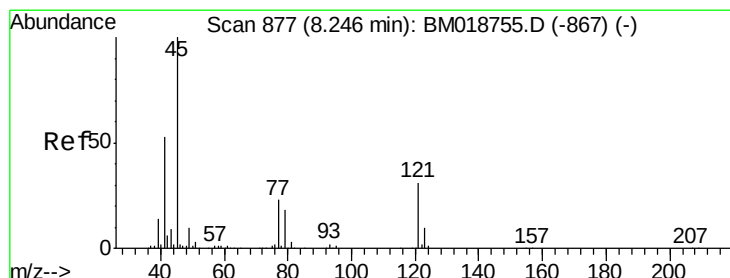
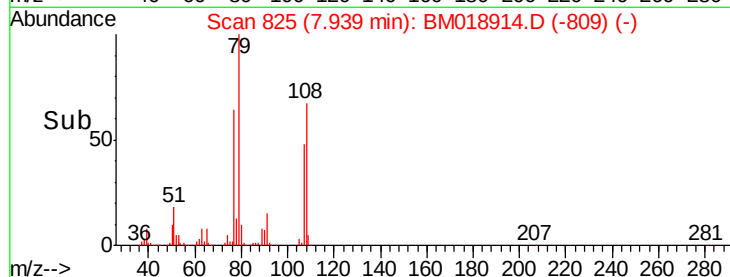
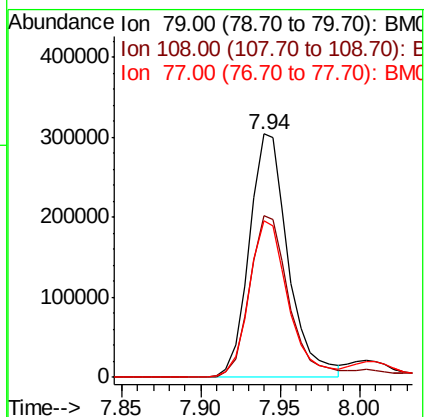
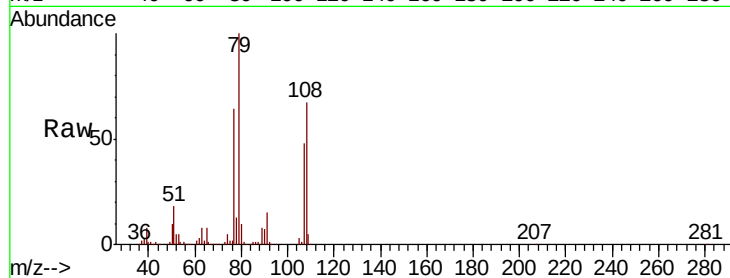
Tot Ion: 79 Resp: 519235

Ion Ratio Lower Upper

79 100

108 66.5 52.7 79.1

77 64.2 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.096 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.02 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

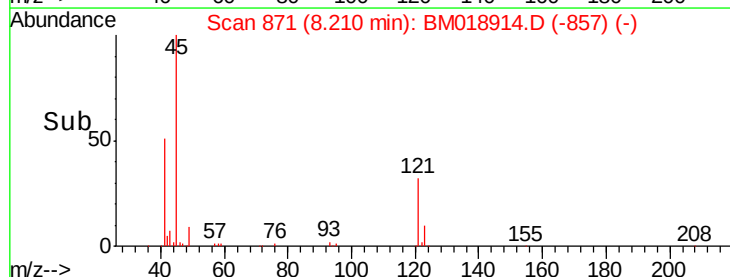
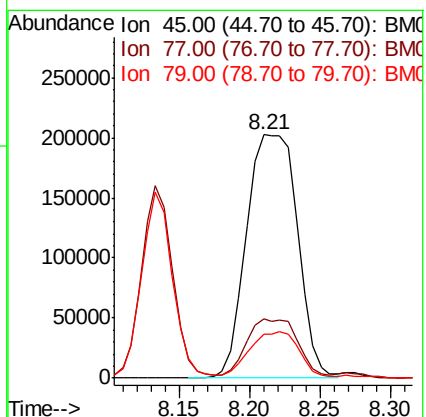
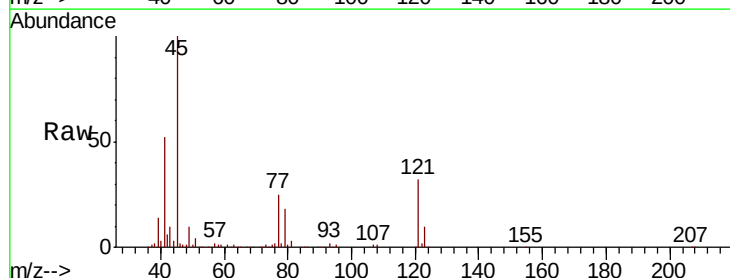
Tgt Ion: 45 Resp: 512935

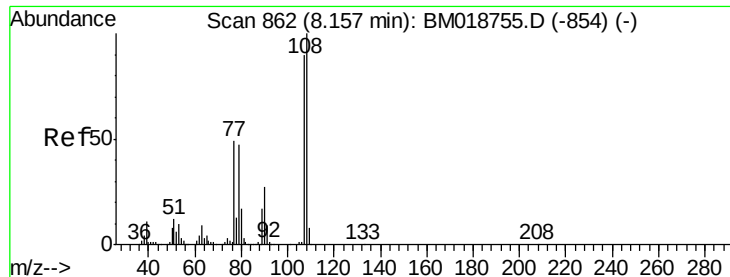
Ion Ratio Lower Upper

45 100

77 24.6 5.0 45.0

79 18.1 0.0 39.3





#17

2-Methylphenol

Concen: 38.944 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

Tot Ion:107 Resp: 464222

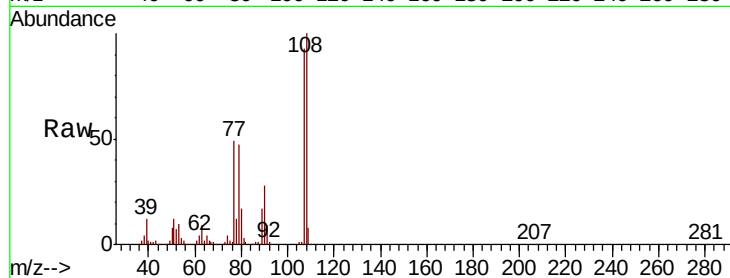
Ion Ratio Lower Upper

107 100

108 107.4 88.8 133.2

77 52.4 44.0 66.0

79 50.6 42.4 63.6

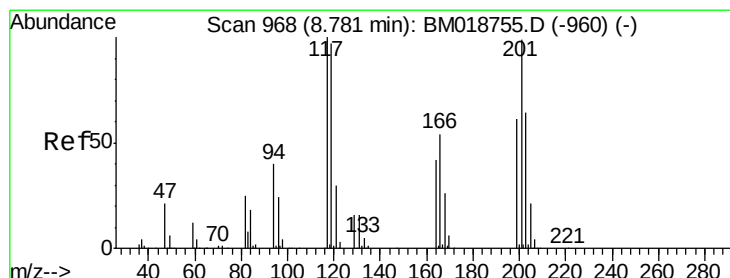
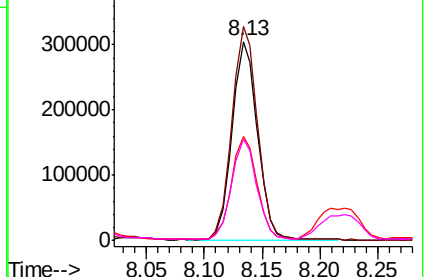
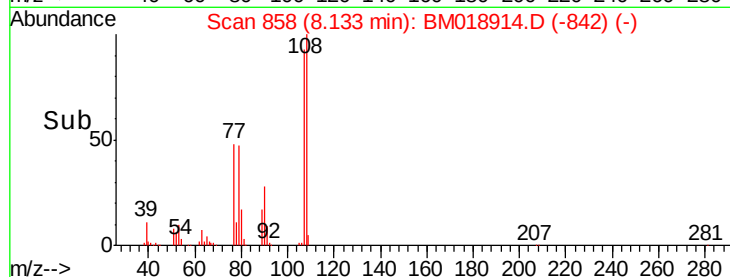


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 37.023 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

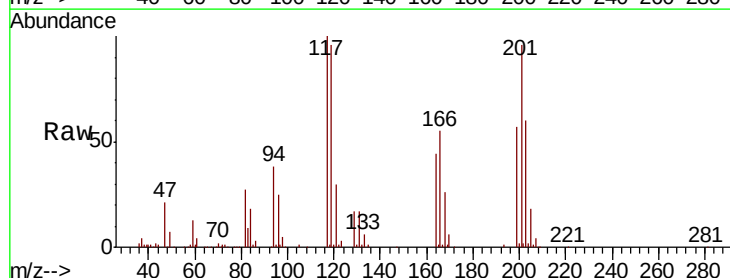
Tgt Ion:117 Resp: 214617

Ion Ratio Lower Upper

117 100

119 95.9 77.9 116.9

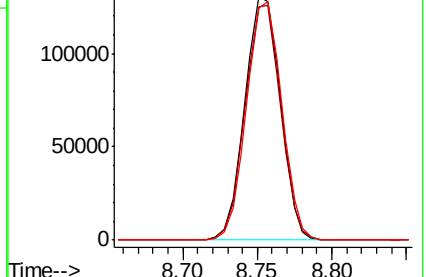
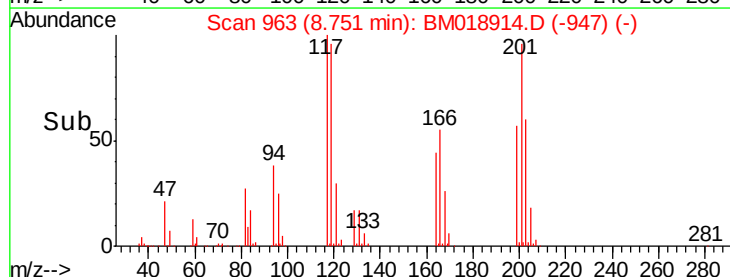
201 95.5 79.2 118.8

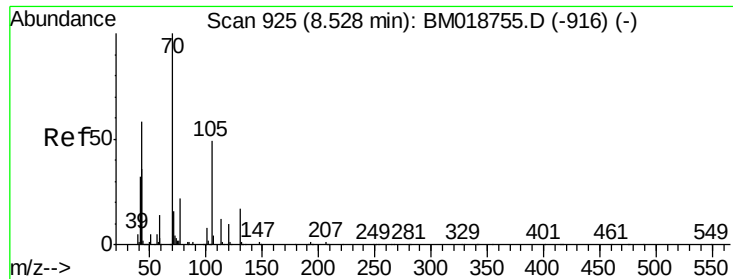


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

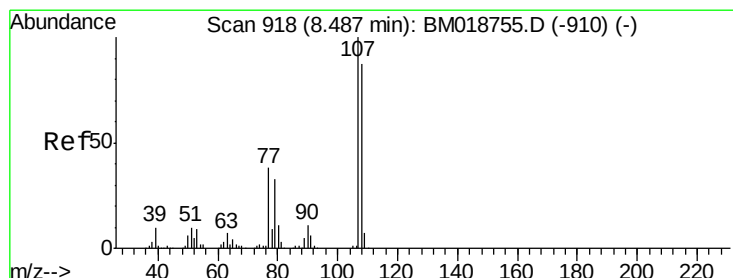
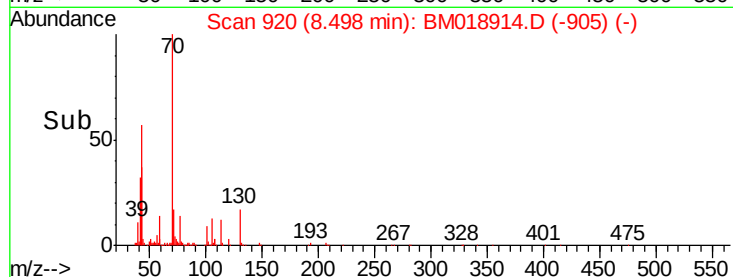
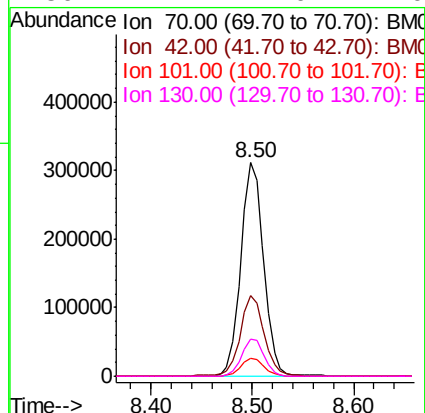
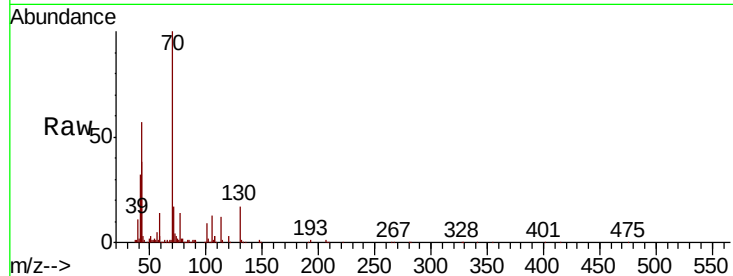




#19
n-Nitroso-di-n-propylamine
Concen: 35.343 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

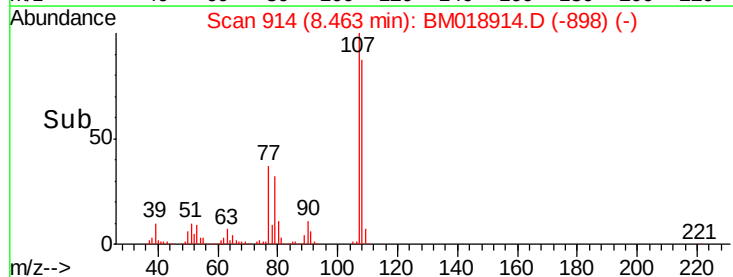
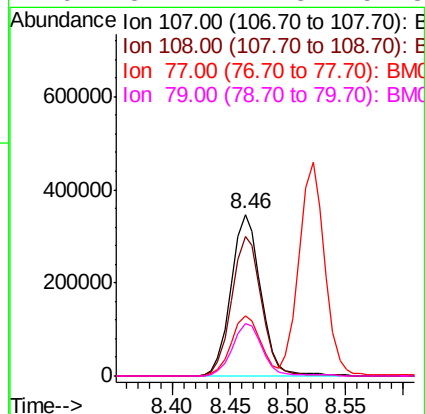
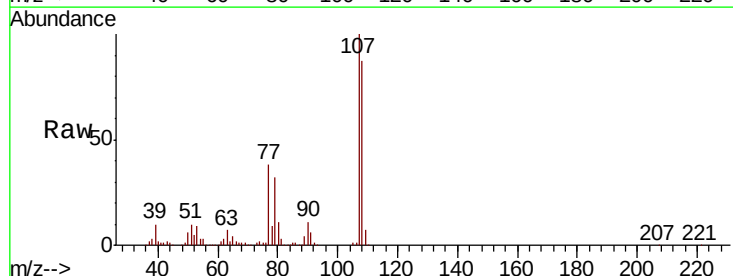
Instrument :
BNA_M
ClientSampleId :
M-1MS

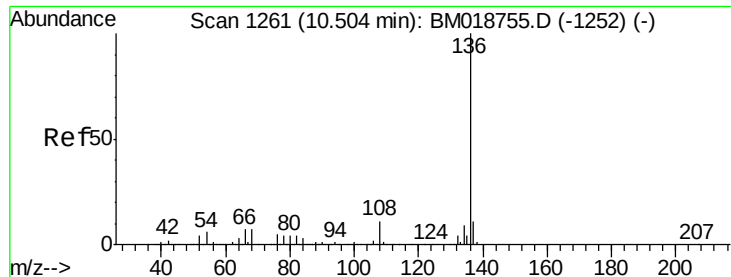
Tot Ion:	70	Resp:	487084
Ion	Ratio	Lower	Upper
70	100		
42	37.5	29.4	44.0
101	8.7	6.7	10.1
130	17.4	14.0	21.0



#20
3+4-Methylphenols
Concen: 37.854 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion:	107	Resp:	623084
Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.3	107.3
77	37.6	18.0	58.0
79	32.4	12.8	52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

Tot Ion:136 Resp: 794664

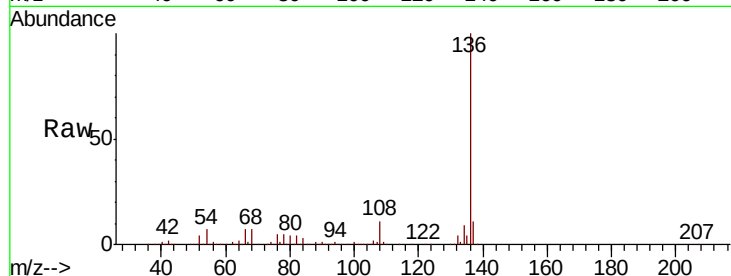
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.7 5.0 7.6

68 7.3 5.5 8.3

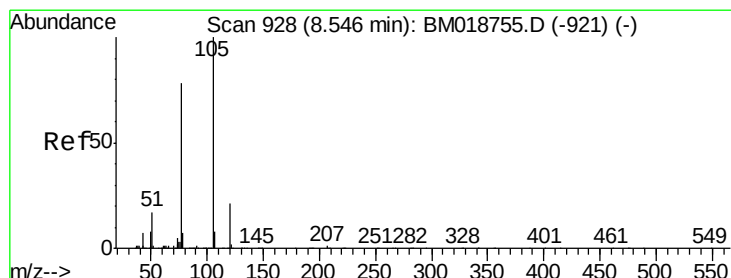
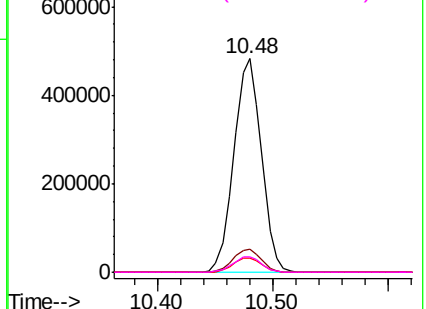
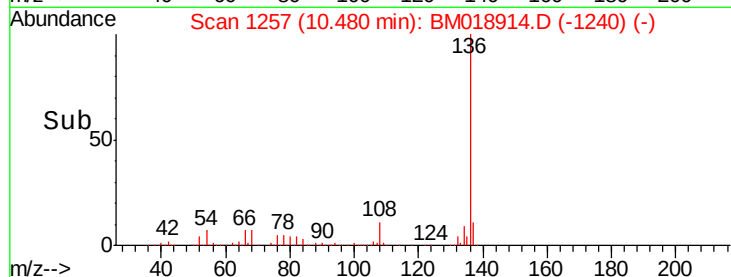


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.162 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:105 Resp: 810993

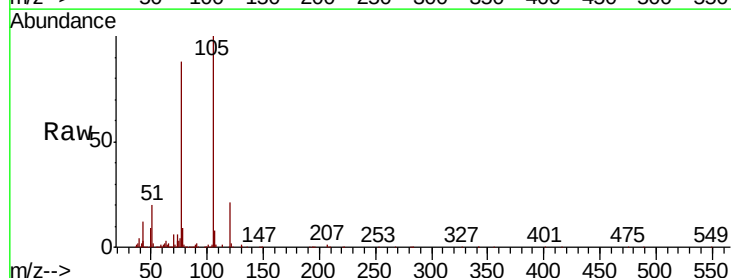
Ion Ratio Lower Upper

105 100

71 1.0 1.1 1.7#

51 19.8 15.5 23.3

120 21.5 17.0 25.4

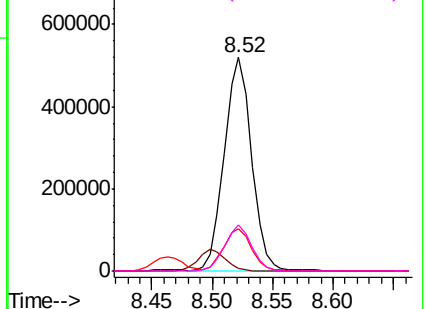
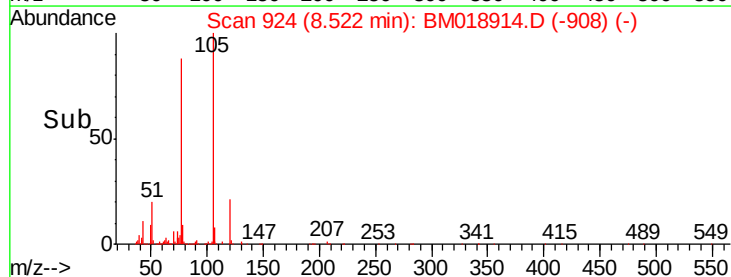


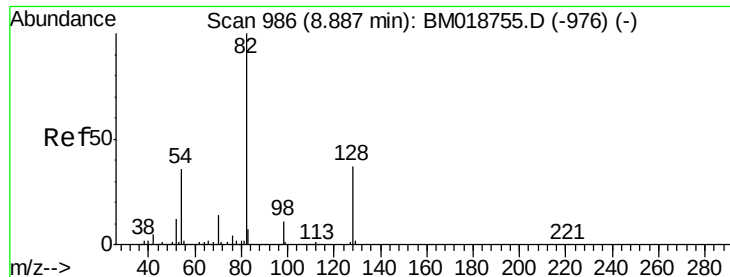
Abundance Ion 105.00 (104.70 to 105.70): E

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: 83.349 ng

RT: 8.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

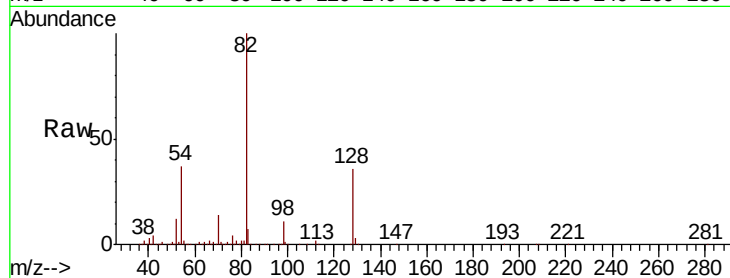
Tot Ion: 82 Resp: 1432446

Ion Ratio Lower Upper

82 100

128 36.1 29.9 44.9

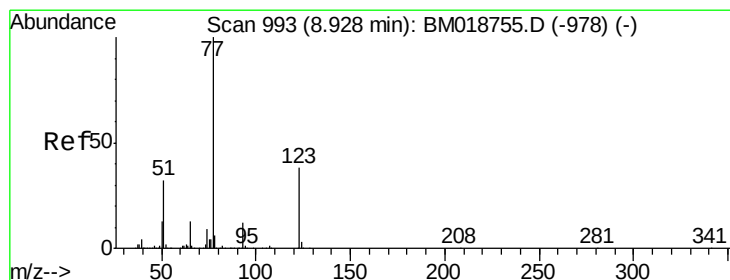
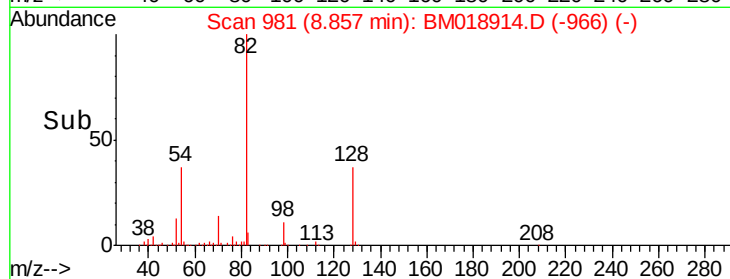
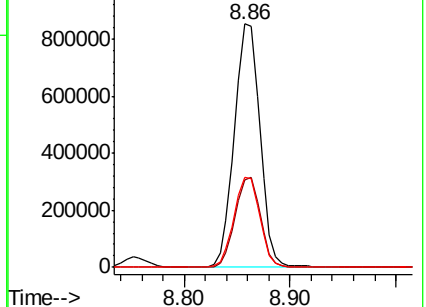
54 36.9 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#24

Nitrobenzene

Concen: 38.966 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

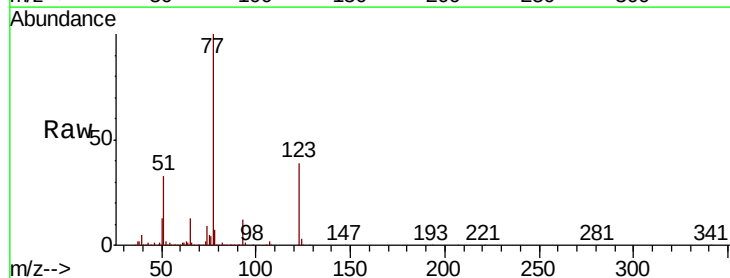
Tgt Ion: 77 Resp: 695118

Ion Ratio Lower Upper

77 100

123 39.2 30.7 46.1

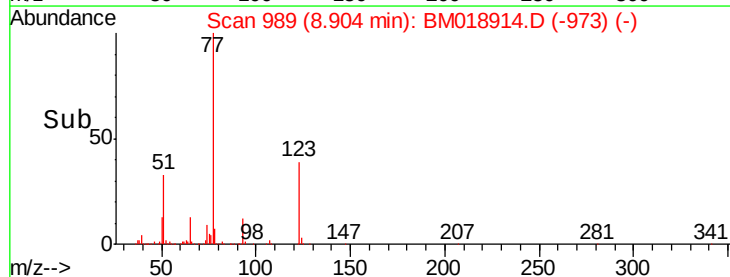
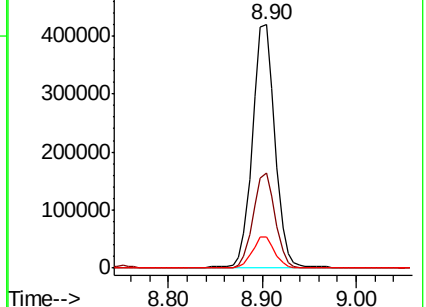
65 12.7 10.5 15.7

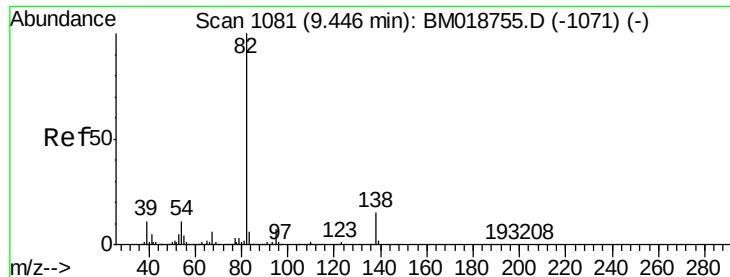


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 43.513 ng

RT: 9.42 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

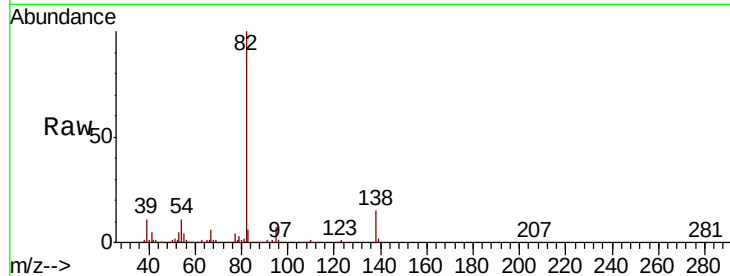
Tot Ion: 82 Resp: 1193214

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

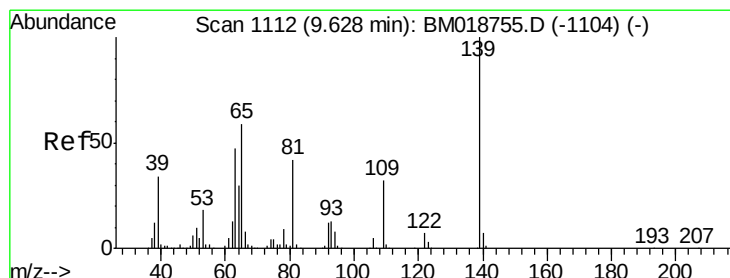
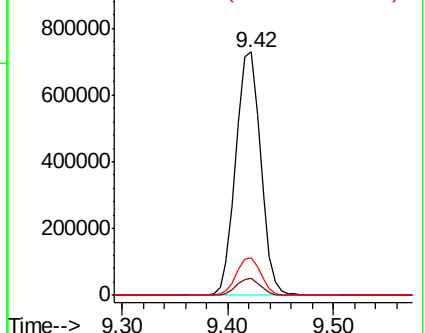
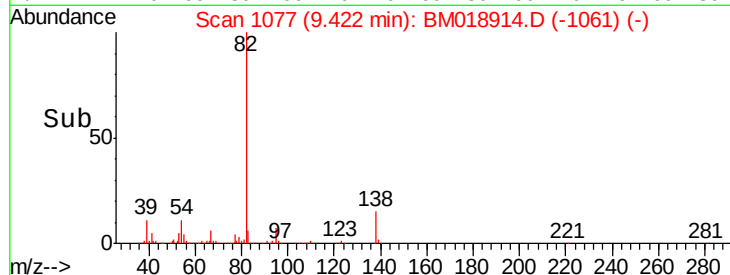
138 15.4 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018914.D (-1061) (-)

Ion 95.00 (94.70 to 95.70): BM018914.D (-1061) (-)

Ion 138.00 (137.70 to 138.70): BM018914.D (-1061) (-)



#26

2-Nitrophenol

Concen: 39.721 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

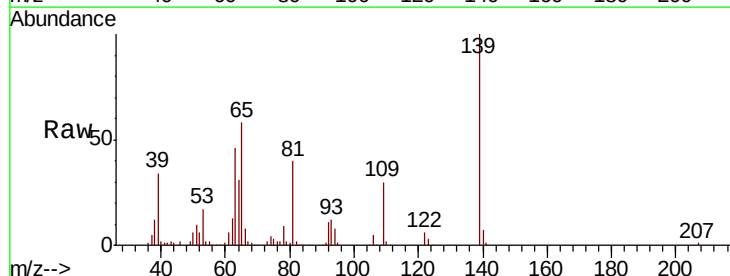
Tgt Ion: 139 Resp: 282191

Ion Ratio Lower Upper

139 100

109 30.5 25.2 37.8

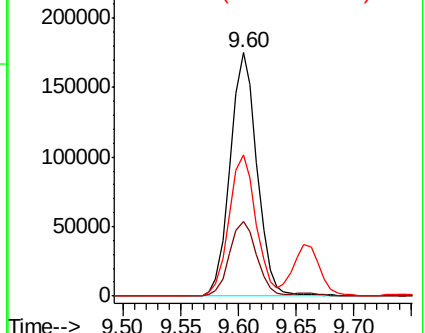
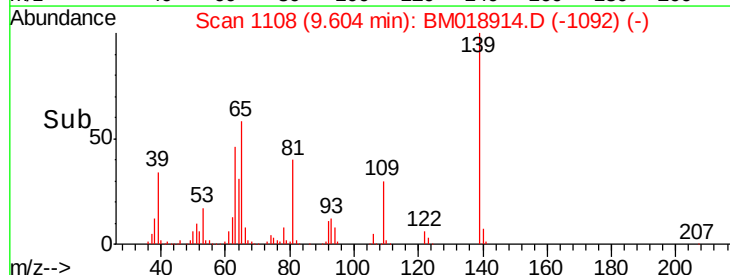
65 58.0 47.0 70.4

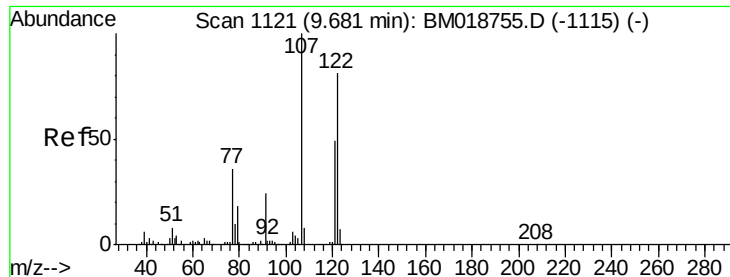


Abundance Ion 139.00 (138.70 to 139.70): BM018914.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM018914.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM018914.D (-1092) (-)





#27

2,4-Dimethylphenol

Concen: 45.186 ng

RT: 9.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampled :

M-1MS

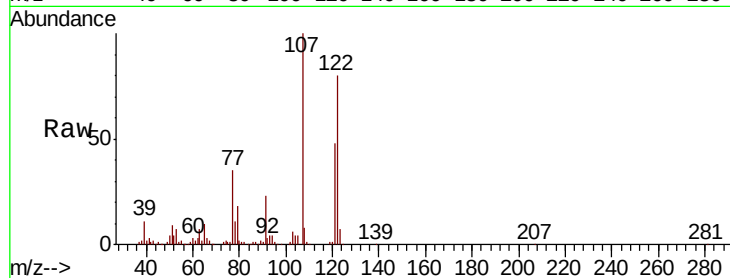
Tot Ion:122 Resp: 468856

Ion Ratio Lower Upper

122 100

107 124.4 97.6 146.4

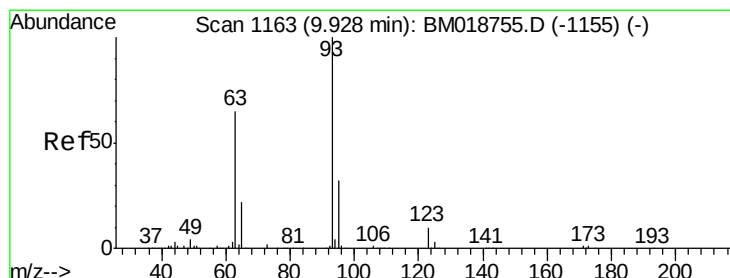
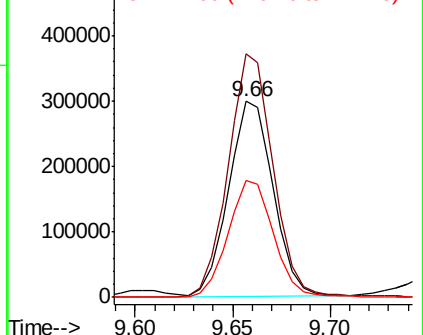
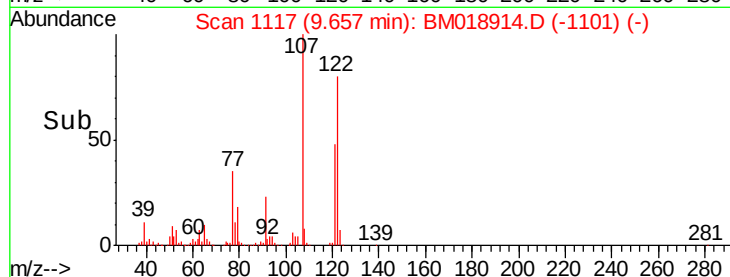
121 59.6 47.9 71.9



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: 39.807 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

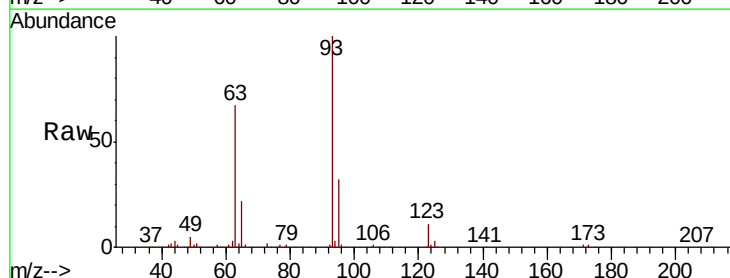
Tgt Ion: 93 Resp: 705897

Ion Ratio Lower Upper

93 100

95 32.4 25.6 38.4

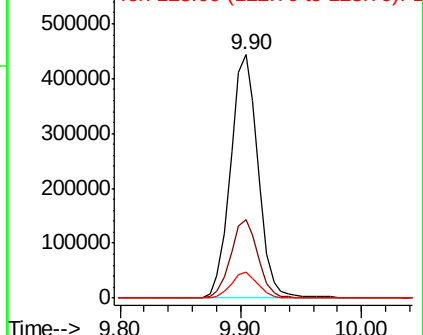
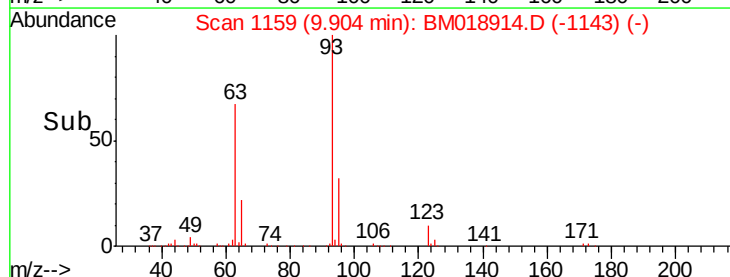
123 10.5 8.2 12.4

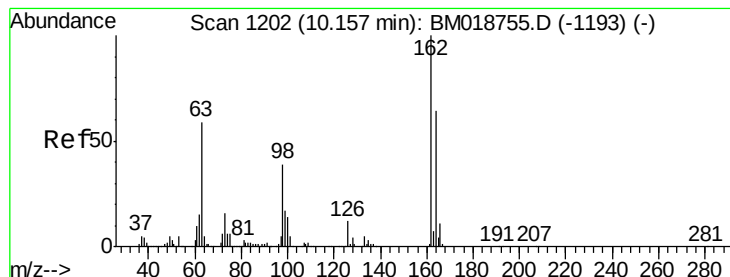


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.463 ng

RT: 10.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

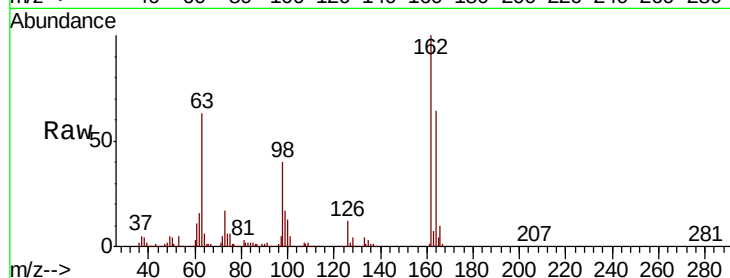
Tot Ion:162 Resp: 482093

Ion Ratio Lower Upper

162 100

164 64.3 44.1 84.1

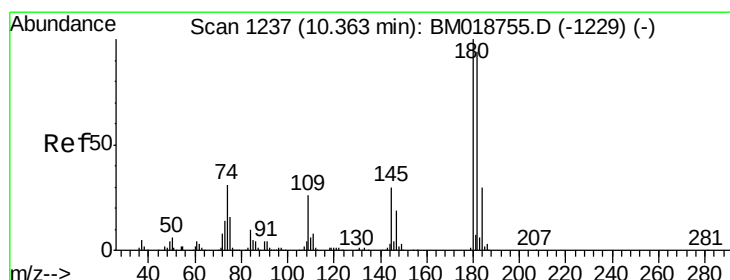
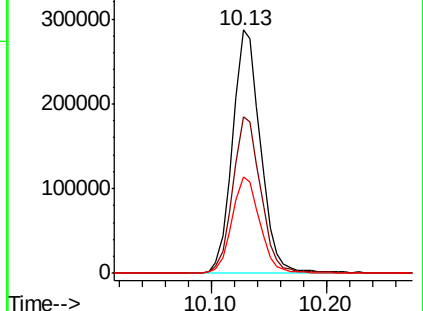
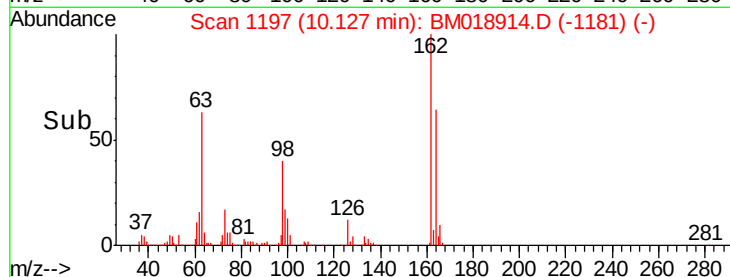
98 39.7 19.4 59.4



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: 38.394 ng

RT: 10.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

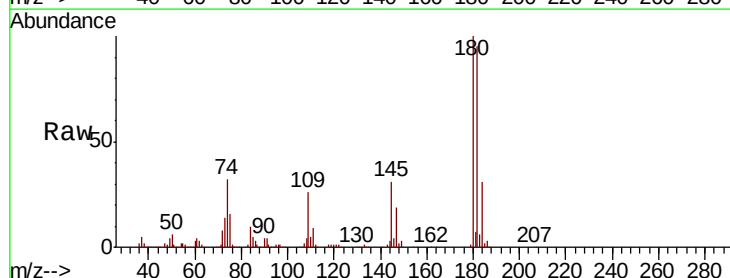
Tgt Ion:180 Resp: 528279

Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.6

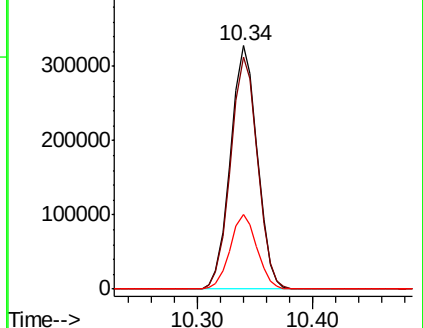
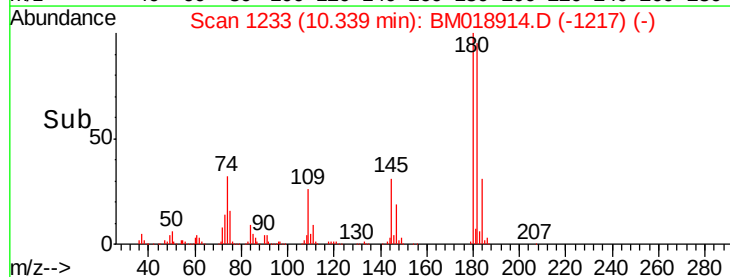
145 30.7 24.1 36.1

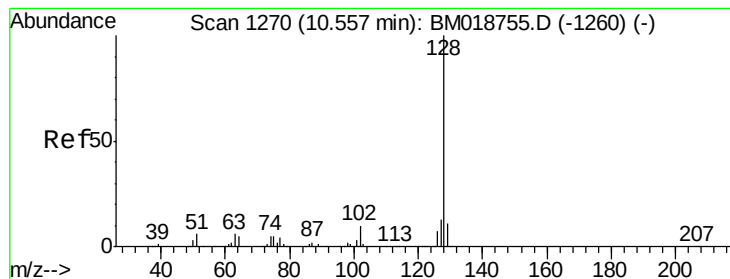


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.555 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

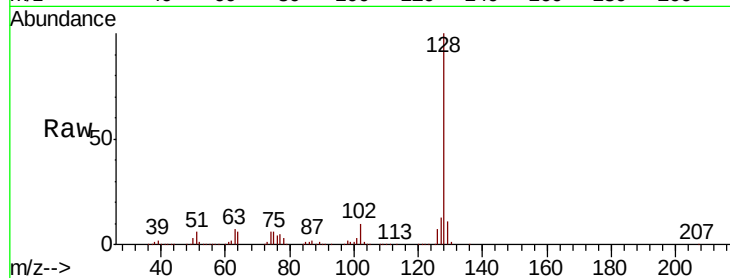
Tot Ion:128 Resp: 1610543

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

127 13.3 10.7 16.1

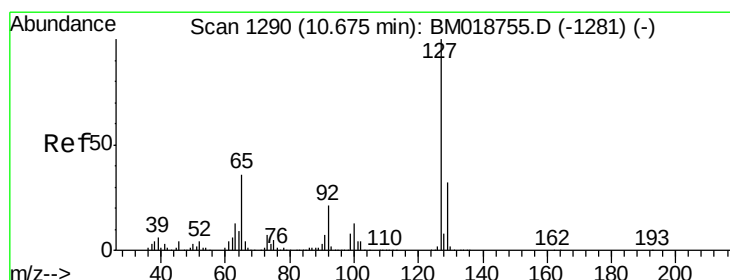
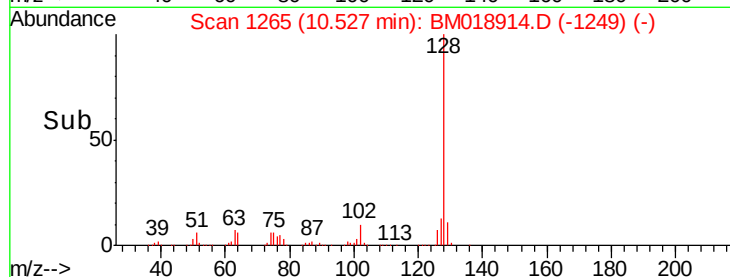
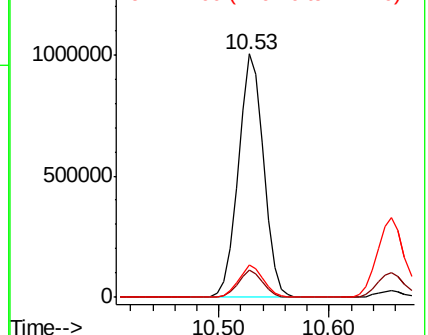


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 33.293 ng

RT: 10.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:127 Resp: 576794

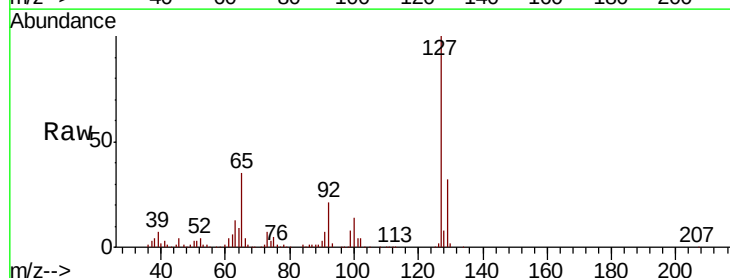
Ion Ratio Lower Upper

127 100

129 31.9 25.7 38.5

65 35.4 28.7 43.1

92 21.3 17.0 25.4



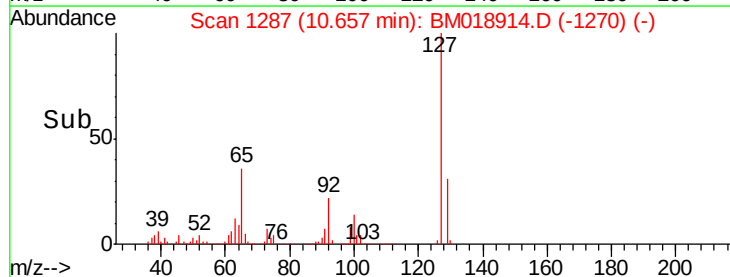
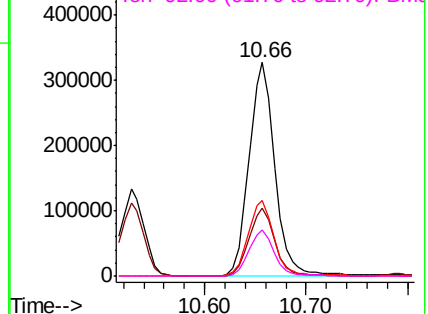
Abundance

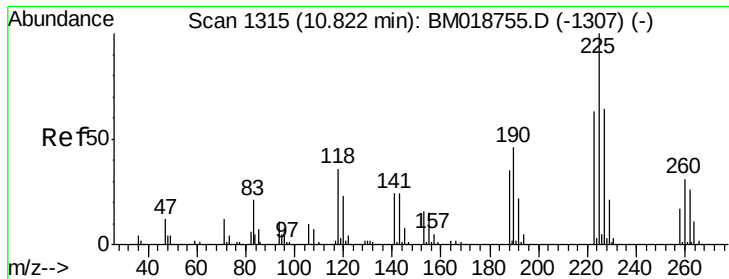
Ion 127.00 (126.70 to 127.70): E

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: 35.942 ng

RT: 10.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

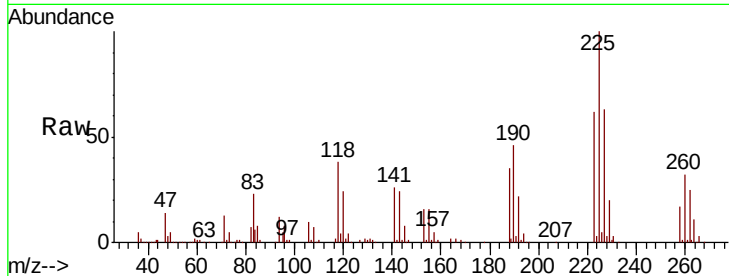
Tot Ion:225 Resp: 287048

Ion Ratio Lower Upper

225 100

223 61.5 50.1 75.1

227 63.0 51.4 77.0

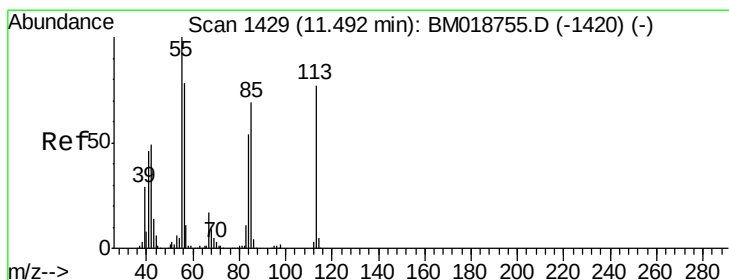
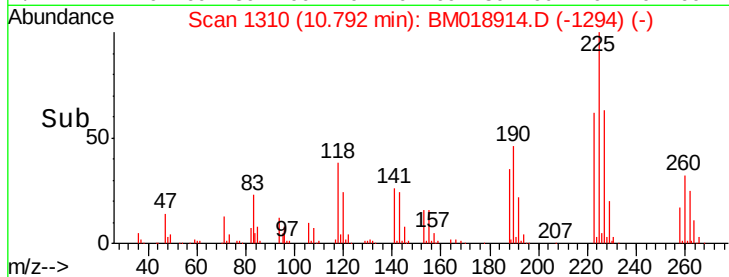
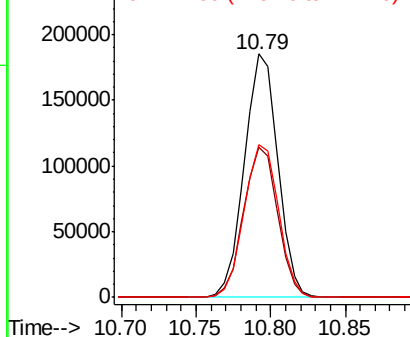


Abundance

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: 30.987 ng

RT: 11.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

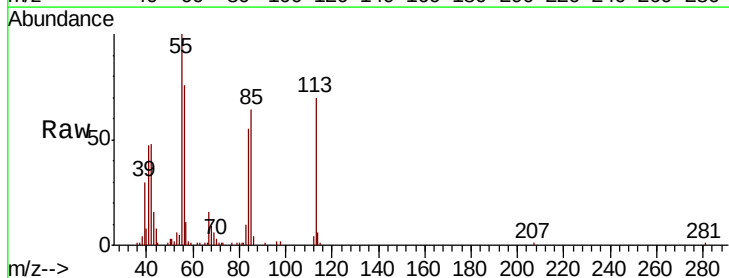
Tgt Ion:113 Resp: 150673

Ion Ratio Lower Upper

113 100

55 143.1 110.7 150.7

56 108.8 82.4 122.4

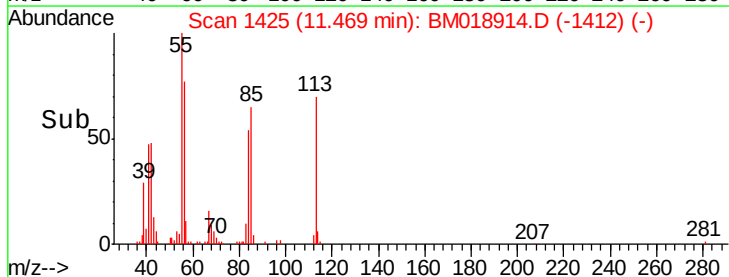
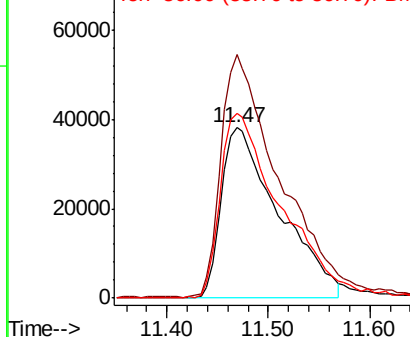


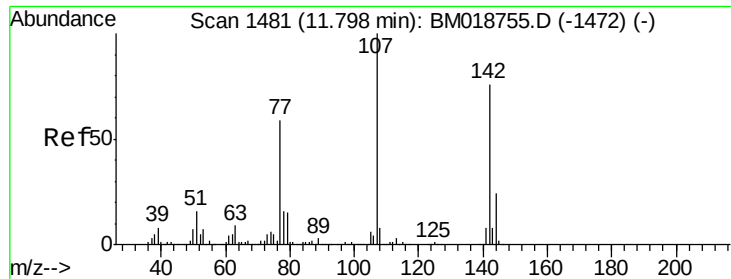
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

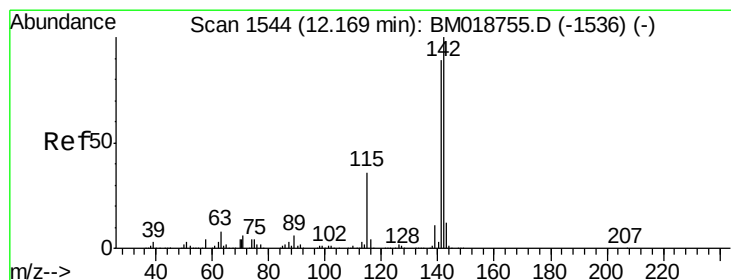
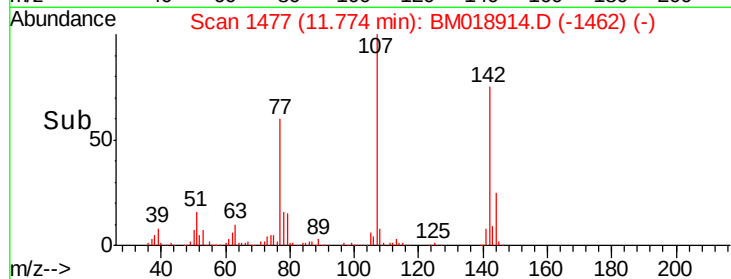
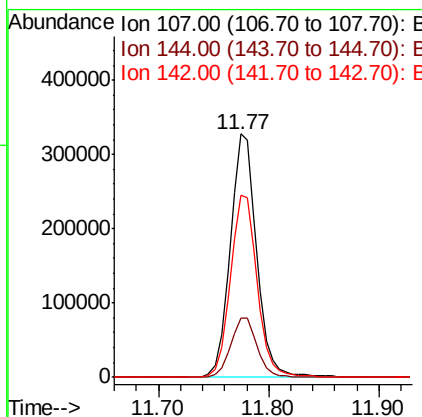
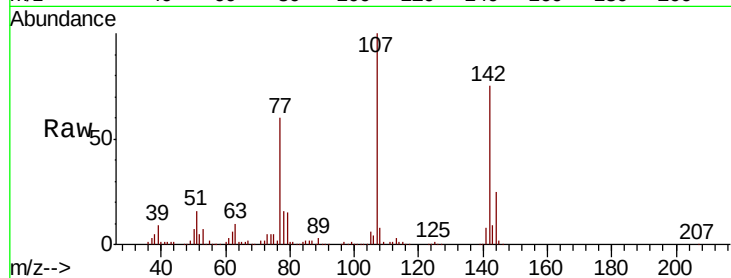




#36
 4-Chloro-3-methylphenol
 Concen: 38.238 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

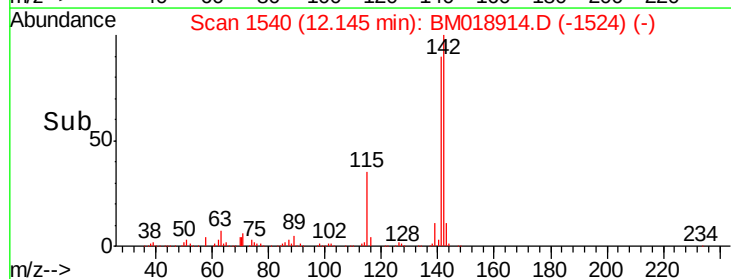
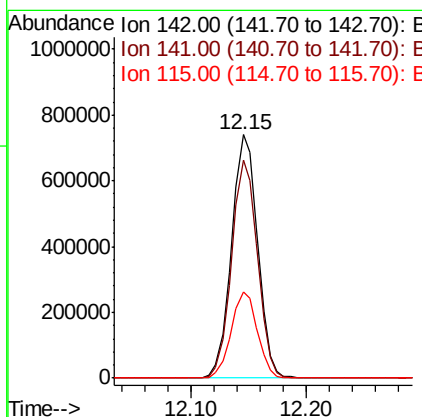
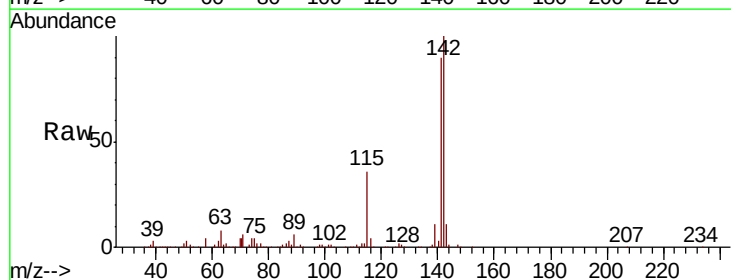
Instrument :
 BNA_M
 ClientSampleId :
 M-1MS

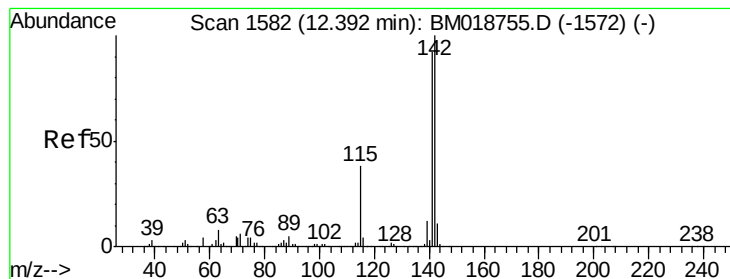
Tot Ion:107 Resp: 549277
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.3 28.9
 142 74.6 60.5 90.7



#37
 2-Methylnaphthalene
 Concen: 42.416 ng
 RT: 12.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Tgt Ion:142 Resp: 1157388
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.2 106.8
 115 35.6 29.1 43.7





#38

1-Methylnaphthalene

Concen: 41.047 ng

RT: 12.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampled :

M-1MS

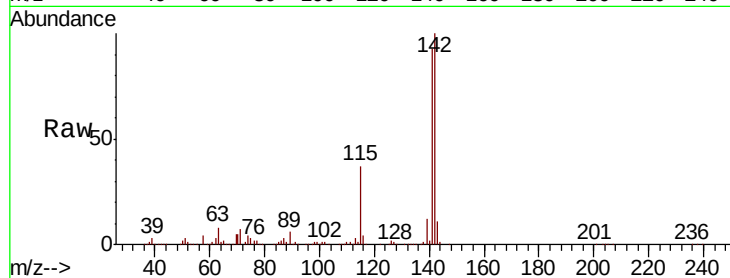
Tot Ion:142 Resp: 1095274

Ion Ratio Lower Upper

142 100

141 92.6 73.9 110.9

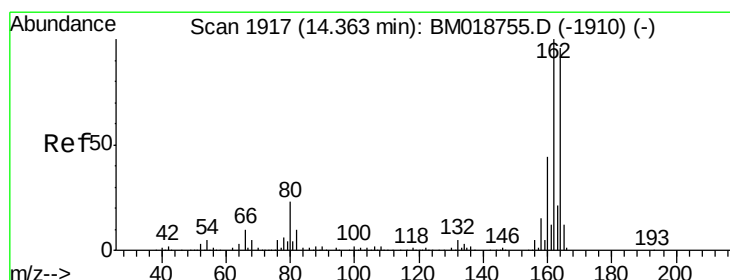
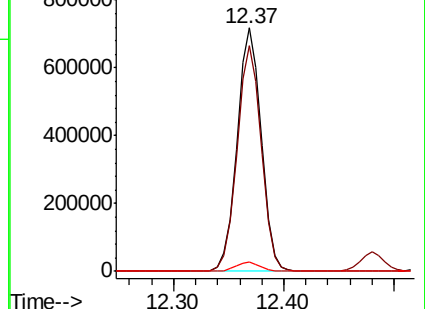
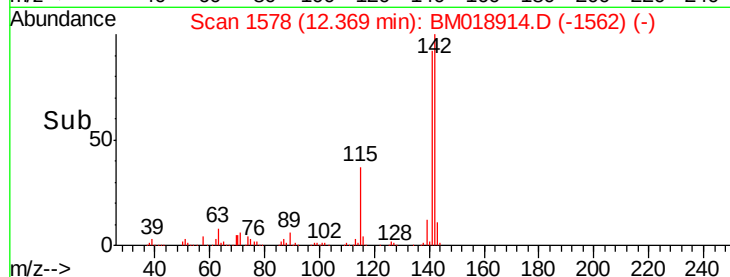
116 4.0 3.0 4.4



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: 14.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

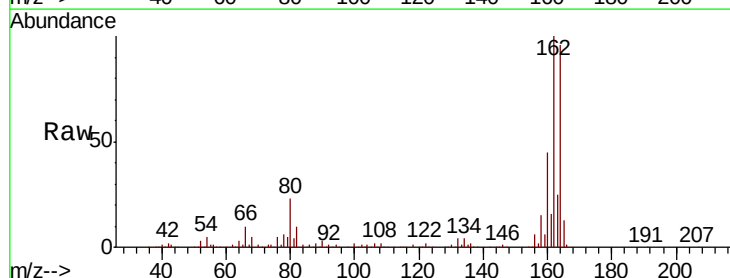
Tgt Ion:164 Resp: 425625

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

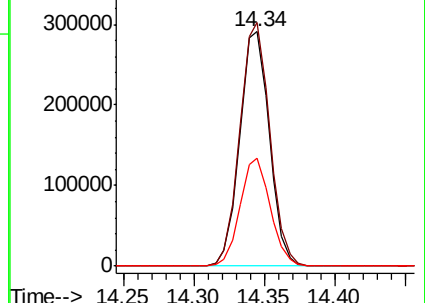
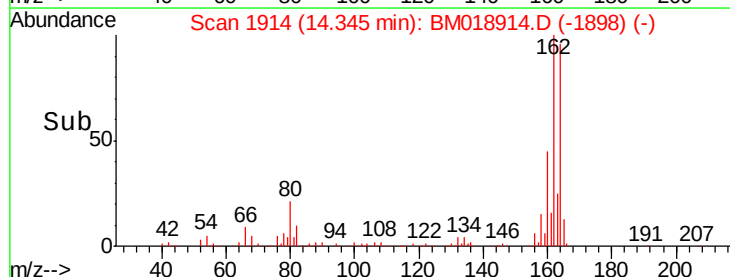
160 46.3 36.6 55.0

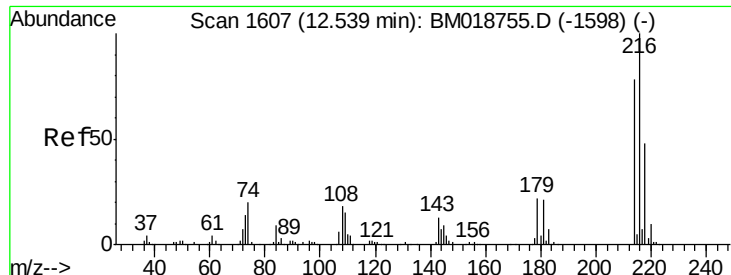


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.802 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampled :

M-1MS

Tot Ion:216 Resp: 541922

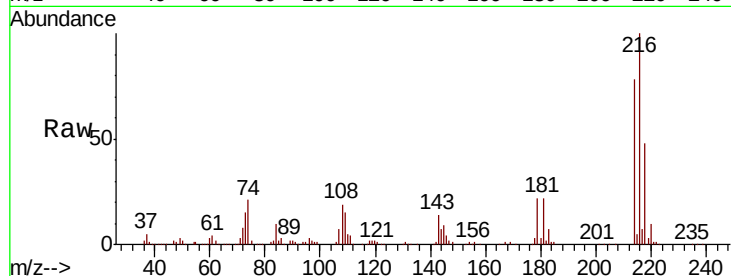
Ion Ratio Lower Upper

216 100

214 78.5 63.2 94.8

179 22.6 17.8 26.8

108 23.3 16.4 24.6

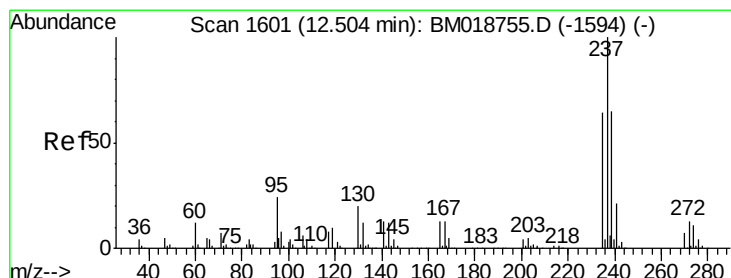
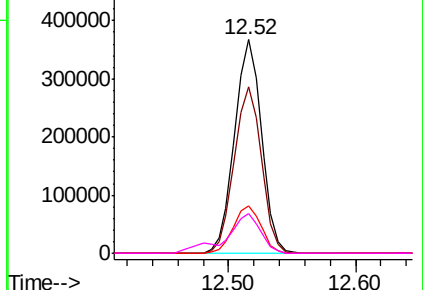
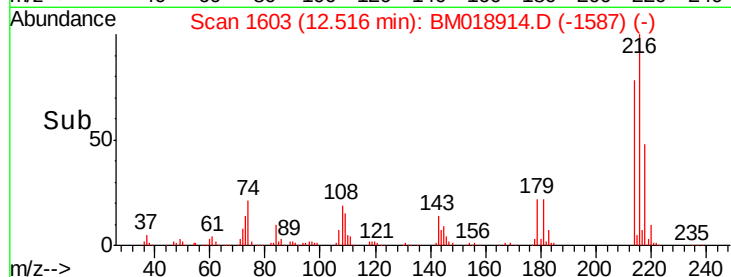


Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.340 ng

RT: 12.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

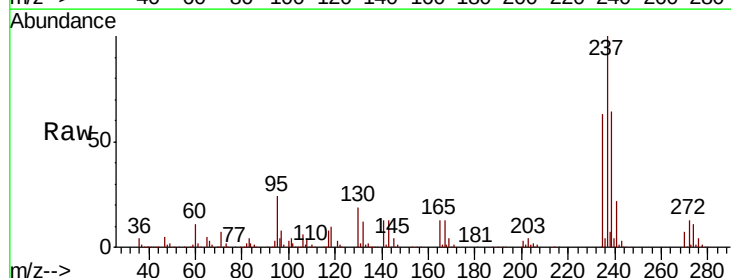
Tgt Ion:237 Resp: 663676

Ion Ratio Lower Upper

237 100

235 63.2 43.7 83.7

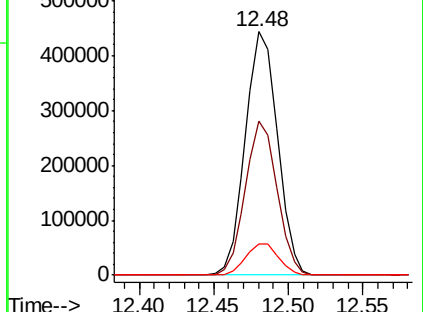
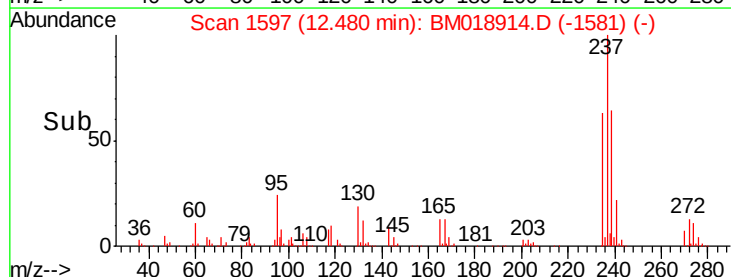
272 13.0 0.0 33.3

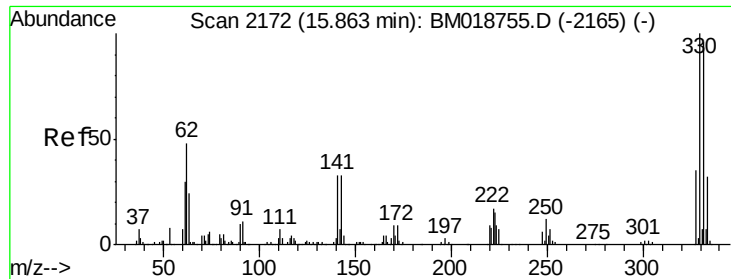


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

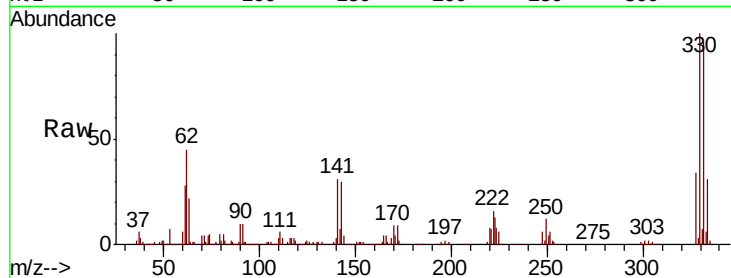




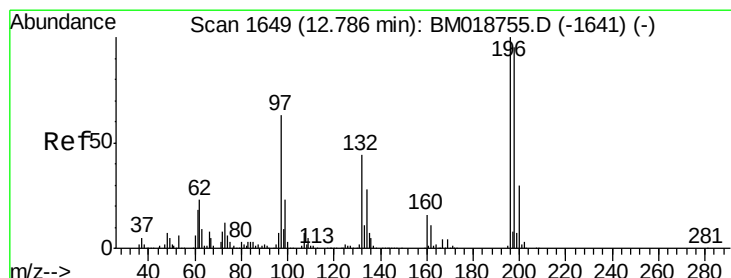
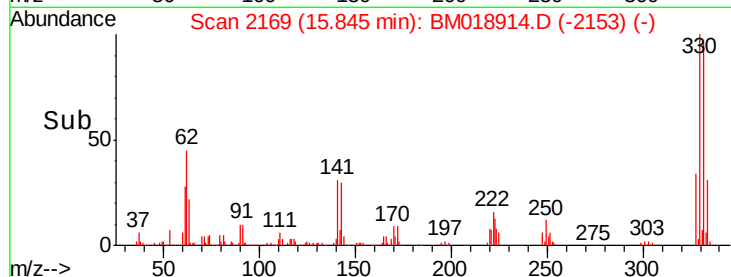
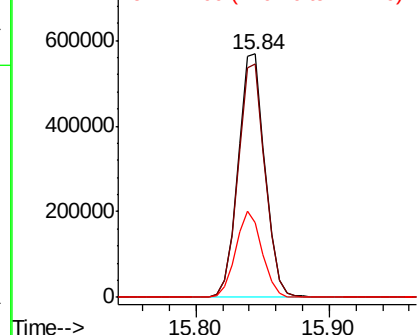
#42
 2,4,6-Tribromophenol
 Concen: 129.345 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Instrument :
 BNA_M
 ClientSampleId :
 M-1MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	35.0	28.7	43.1

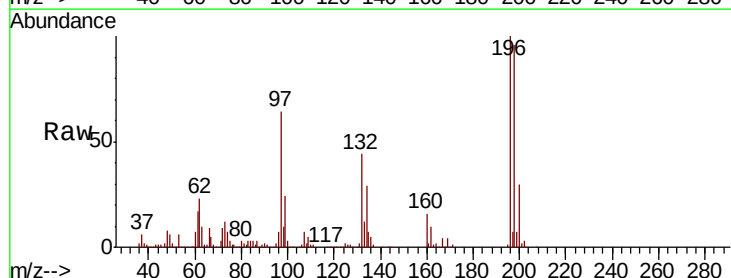


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

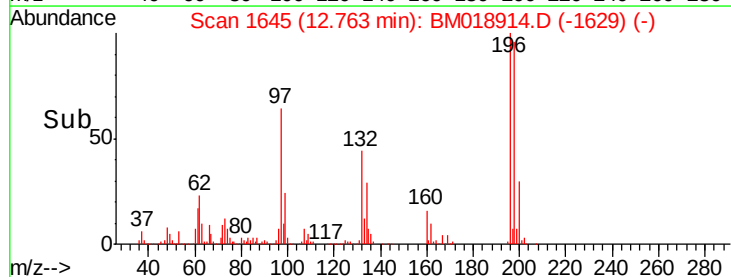
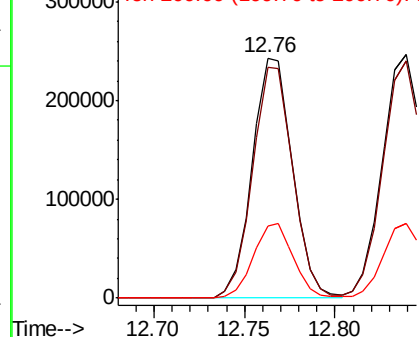


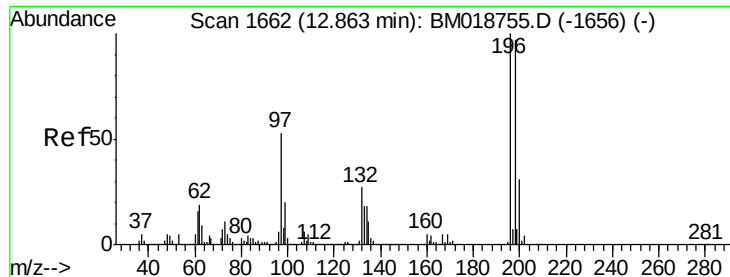
#43
 2,4,6-Trichlorophenol
 Concen: 41.809 ng
 RT: 12.76 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.2
200	30.2	24.2	36.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 42.027 ng

RT: 12.84 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

Tot Ion:196 Resp: 397038

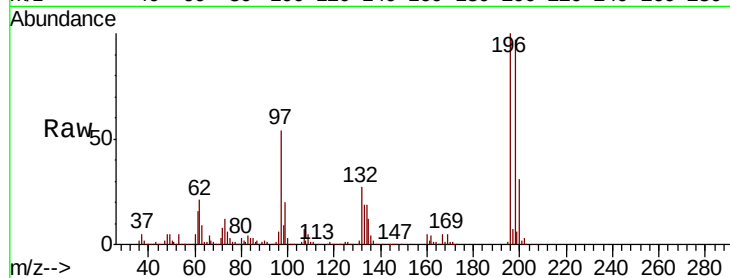
Ion Ratio Lower Upper

196 100

198 97.3 77.6 116.4

97 54.3 42.8 64.2

132 27.4 21.8 32.8

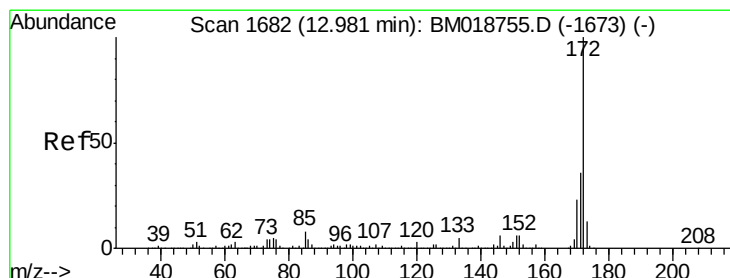
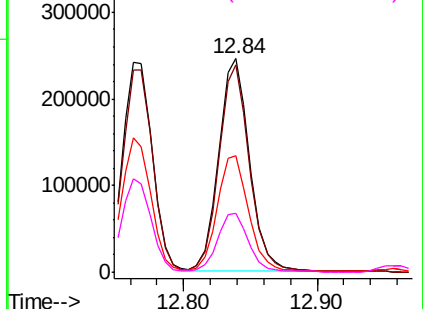
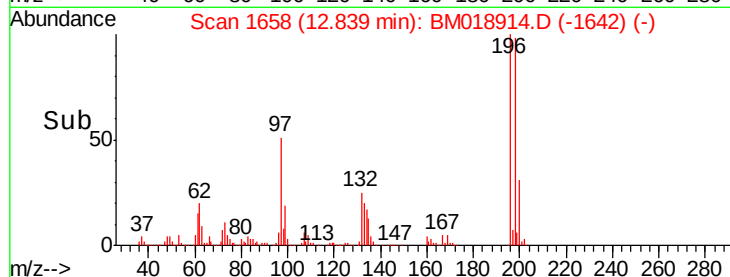


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 78.710 ng

RT: 12.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

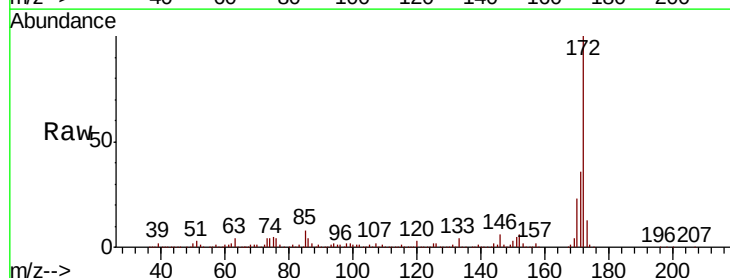
Tgt Ion:172 Resp: 2523657

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

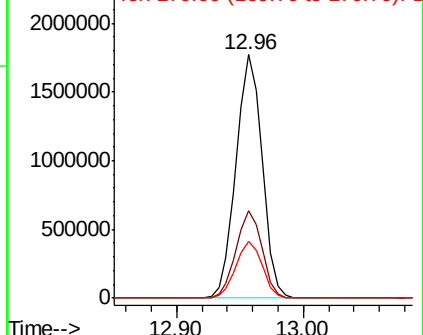
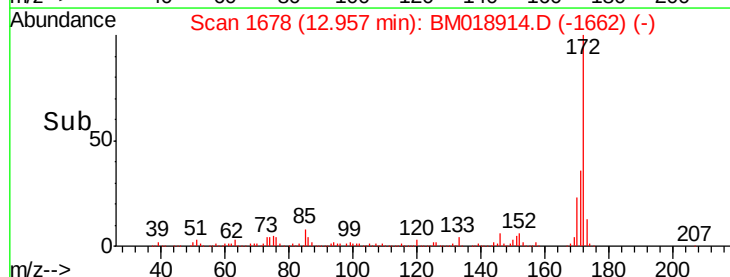
170 23.4 18.6 28.0

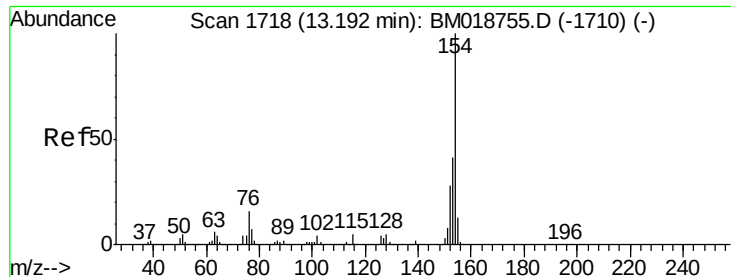


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 39.187 ng

RT: 13.17 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

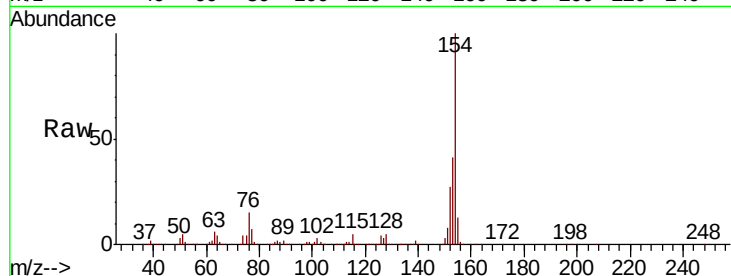
Tot Ion:154 Resp: 1435682

Ion Ratio Lower Upper

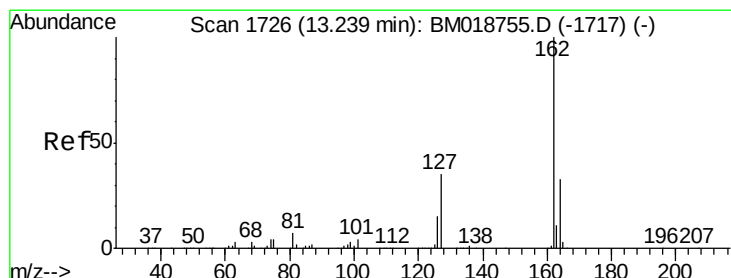
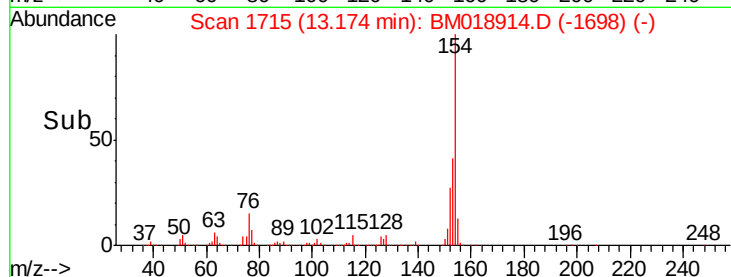
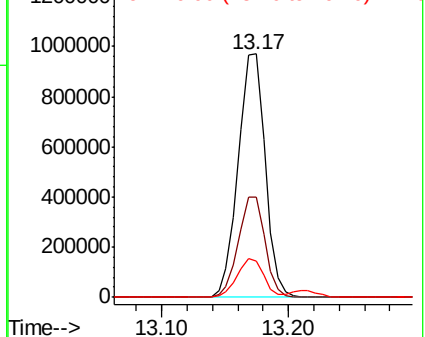
154 100

153 41.1 21.1 61.1

76 14.7 0.0 35.7



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



#47

2-Chloronaphthalene

Concen: 39.579 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

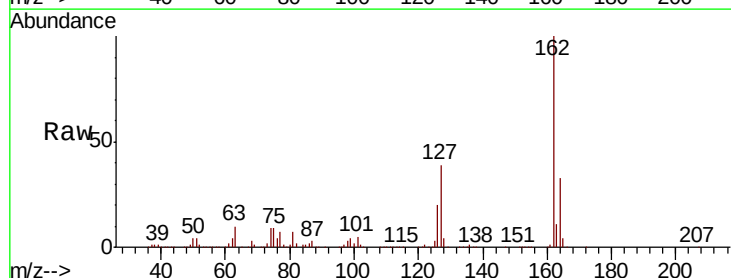
Tgt Ion:162 Resp: 1119995

Ion Ratio Lower Upper

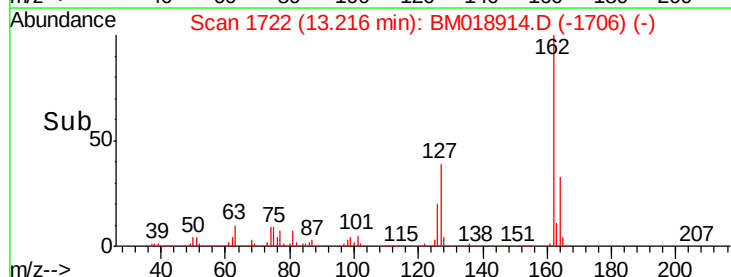
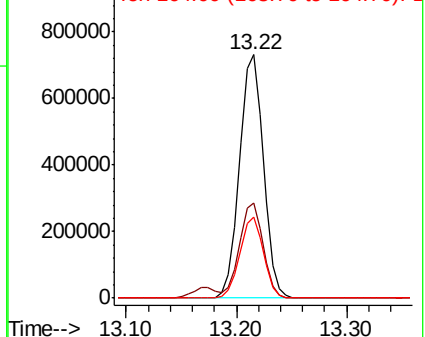
162 100

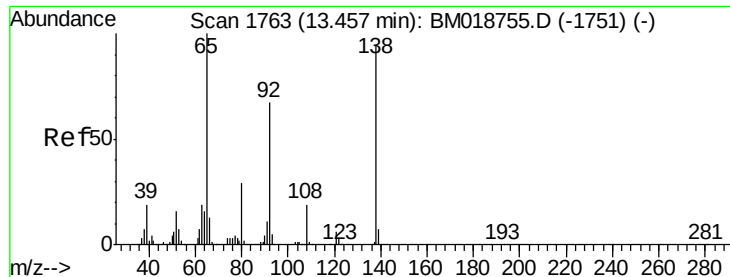
127 39.2 31.1 46.7

164 33.2 26.4 39.6



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

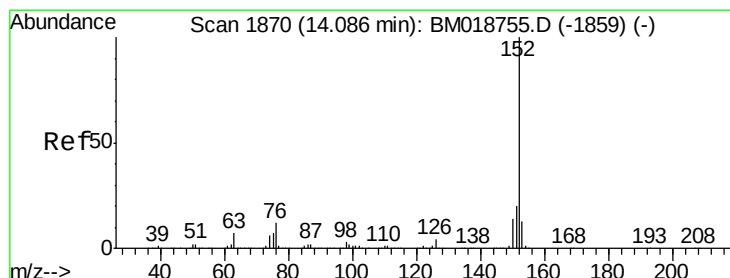
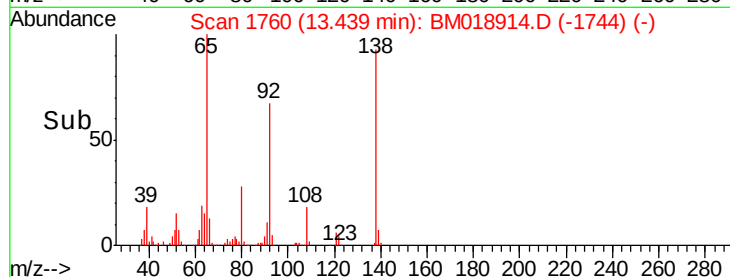
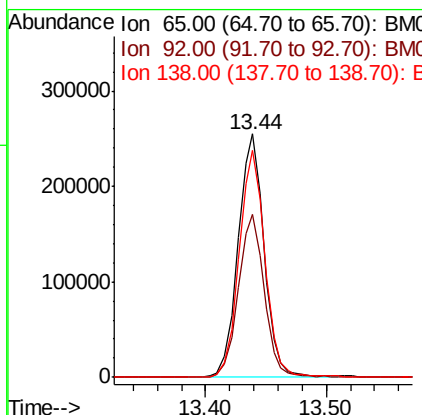
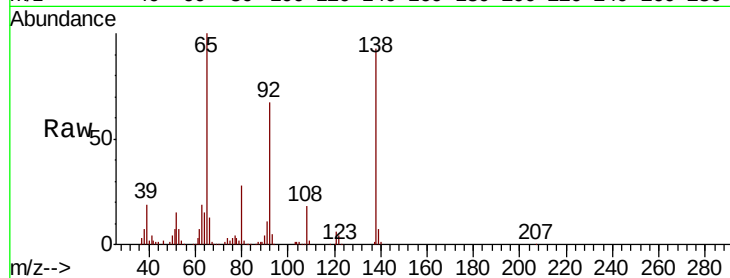




#48
2-Nitroaniline
Concen: 40.822 ng
RT: 13.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

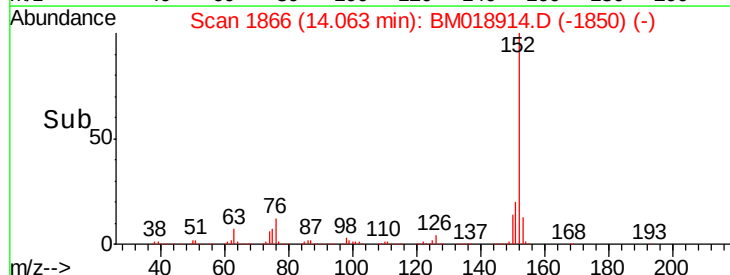
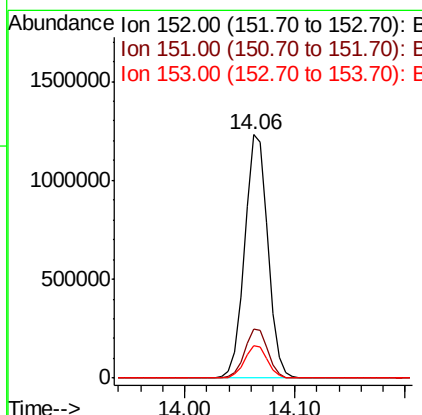
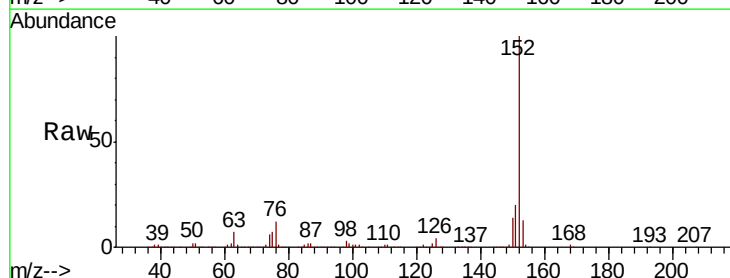
Instrument :
BNA_M
ClientSampleId :
M-1MS

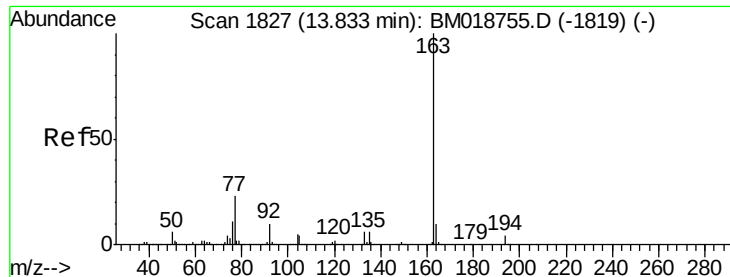
Tot Ion: 65 Resp: 383660
Ion Ratio Lower Upper
65 100
92 67.0 54.0 81.0
138 93.4 74.9 112.3



#49
Acenaphthylene
Concen: 43.150 ng
RT: 14.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion: 152 Resp: 1818176
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.4 10.5 15.7





#50

Dimethylphthalate

Concen: 43.764 ng

RT: 13.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

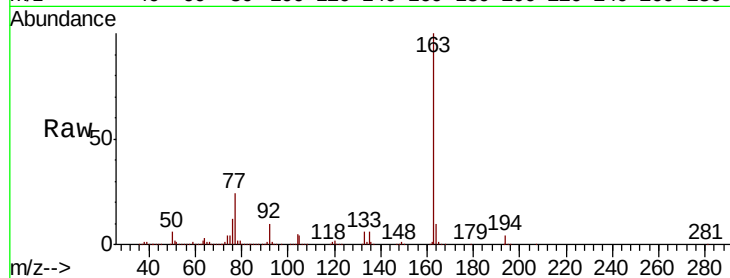
Tot Ion:163 Resp: 1552381

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

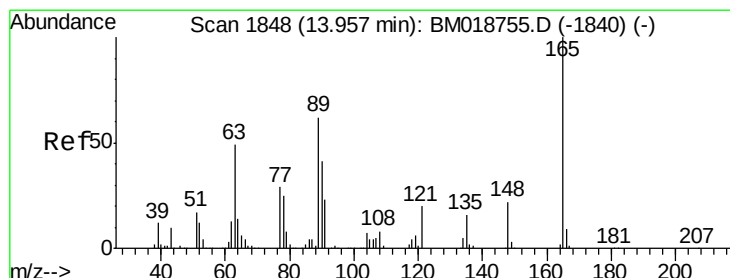
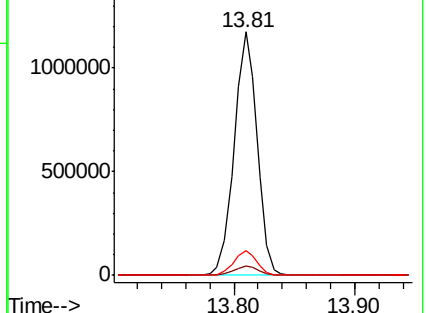
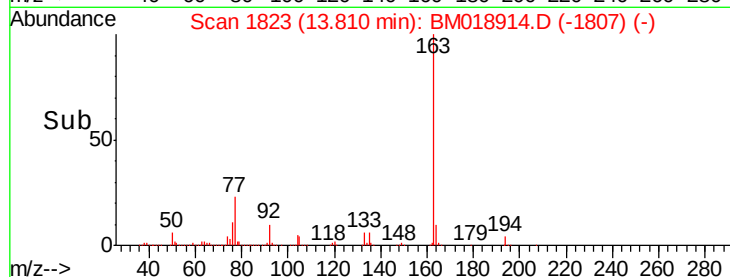
164 9.9 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 39.770 ng

RT: 13.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

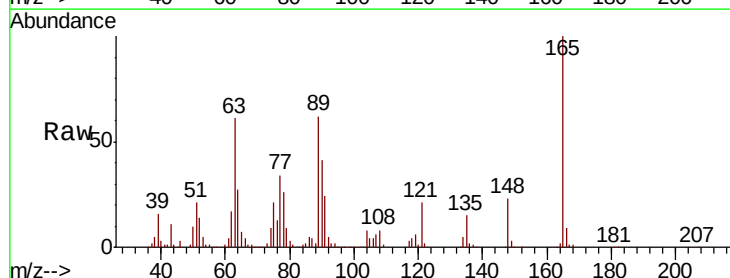
Tgt Ion:165 Resp: 305587

Ion Ratio Lower Upper

165 100

63 60.5 48.9 73.3

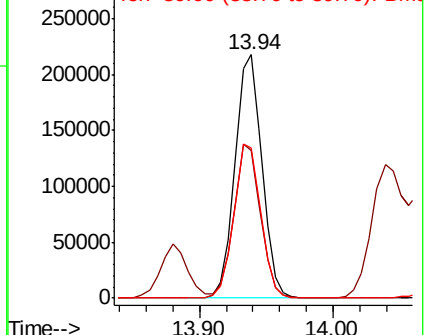
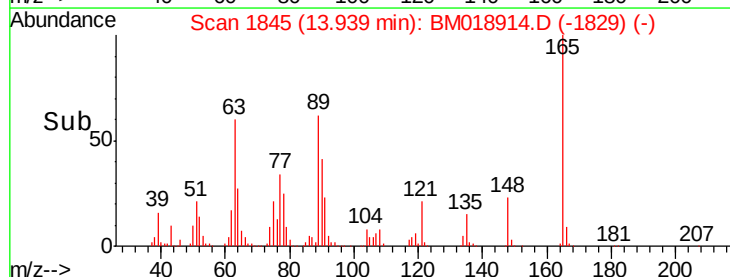
89 61.7 49.4 74.0

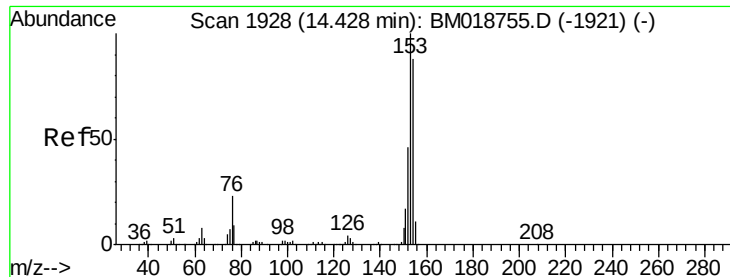


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 40.190 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

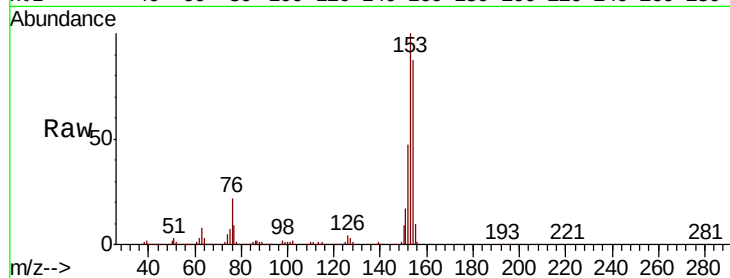
Tot Ion:154 Resp: 1038383

Ion Ratio Lower Upper

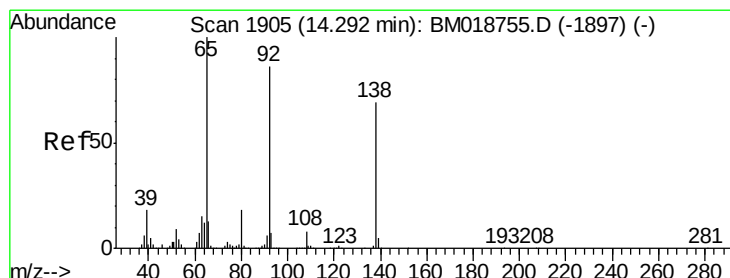
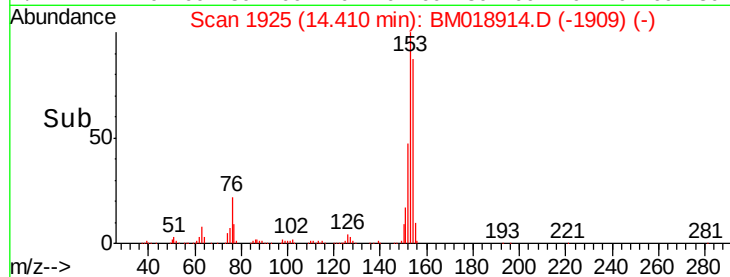
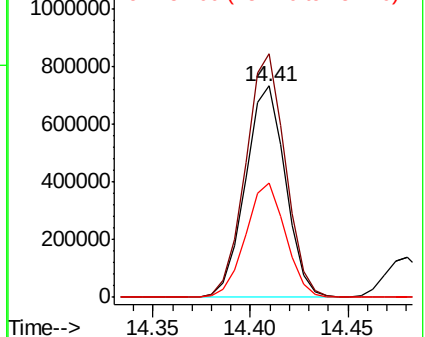
154 100

153 115.2 91.3 136.9

152 54.0 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 33.291 ng

RT: 14.27 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

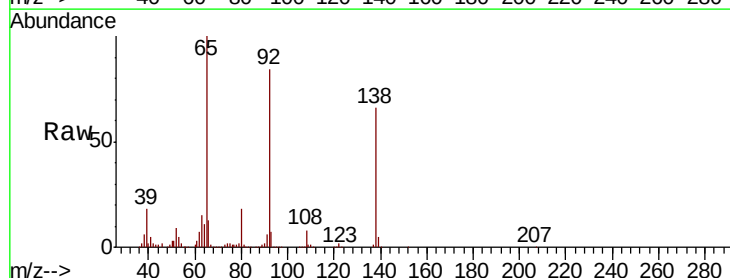
Tgt Ion:138 Resp: 289033

Ion Ratio Lower Upper

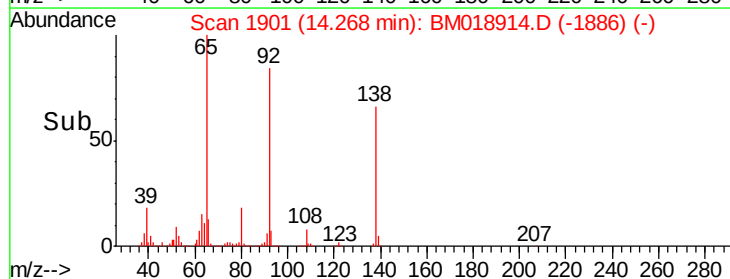
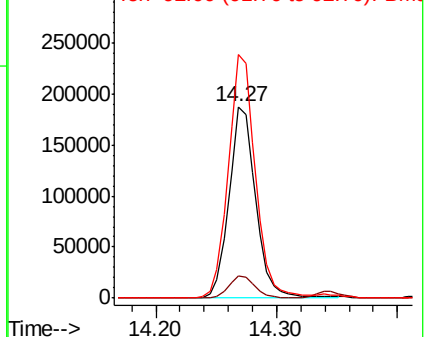
138 100

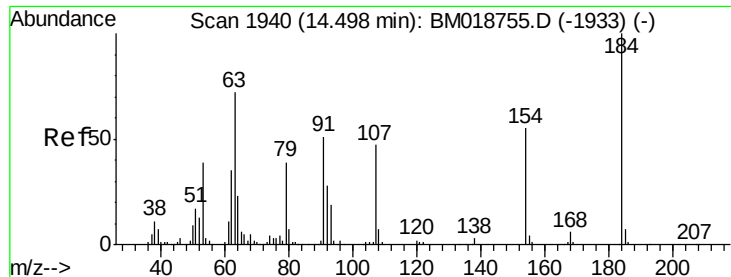
108 11.5 9.1 13.7

92 127.0 99.7 149.5



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





#54

2,4-Dinitrophenol

Concen: 67.702 ng

RT: 14.48 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampled :

M-1MS

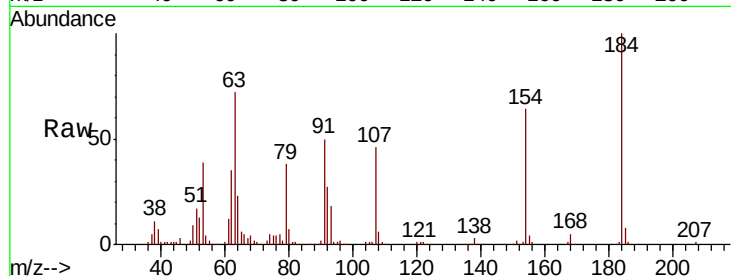
Tot Ion:184 Resp: 325439

Ion Ratio Lower Upper

184 100

63 71.6 58.0 87.0

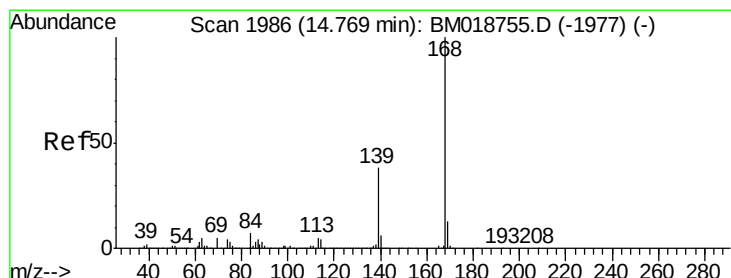
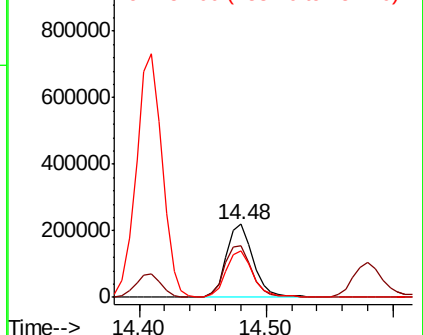
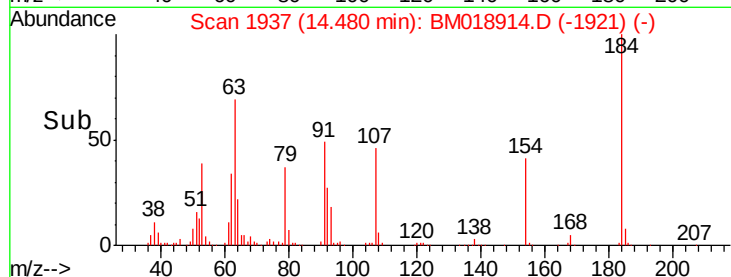
154 63.9 50.3 75.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 39.731 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

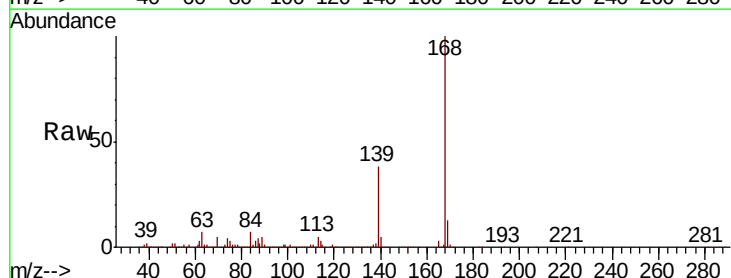
Tgt Ion:168 Resp: 1687258

Ion Ratio Lower Upper

168 100

139 37.5 30.7 46.1

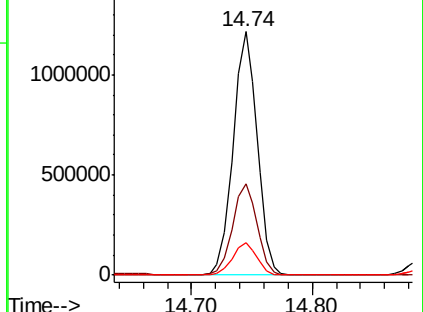
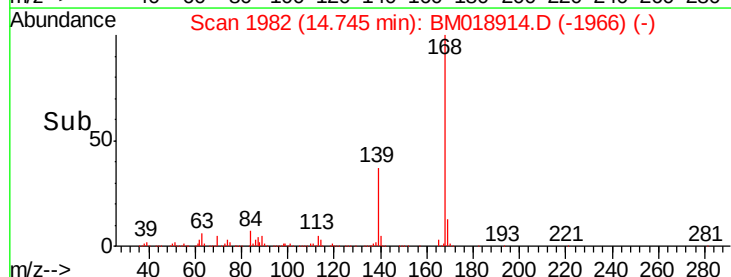
169 13.3 10.3 15.5

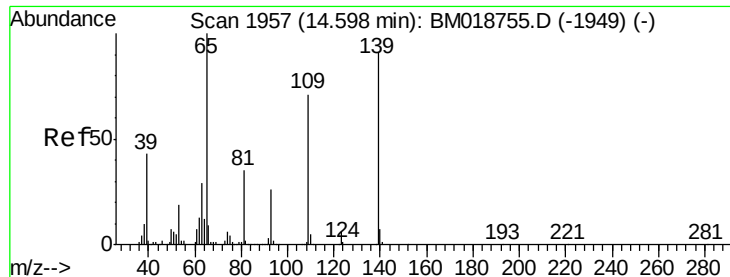


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 77.794 ng

RT: 14.58 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

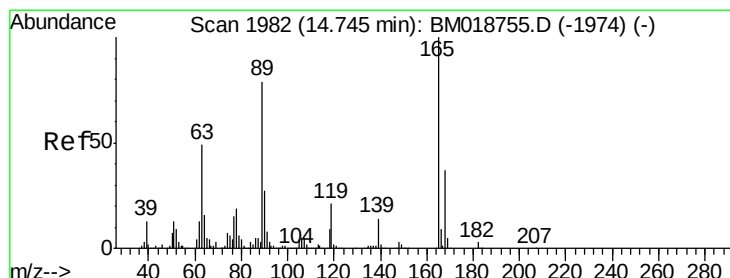
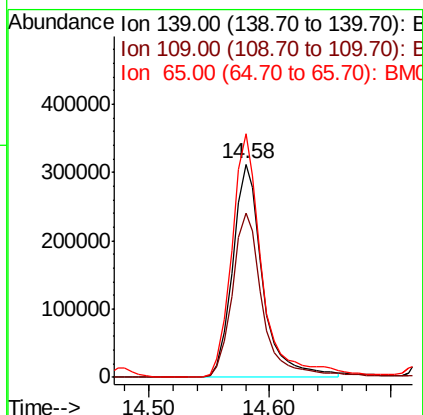
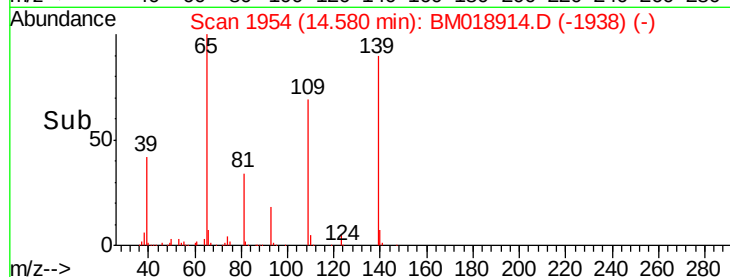
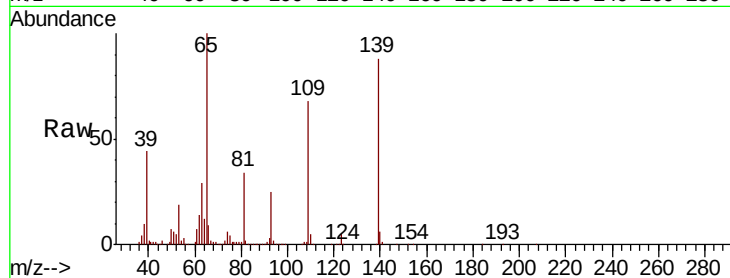
Tot Ion:139 Resp: 539162

Ion Ratio Lower Upper

139 100

109 77.2 58.4 98.4

65 114.1 89.8 129.8



#57

2,4-Dinitrotoluene

Concen: 40.555 ng

RT: 14.73 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:165 Resp: 429355

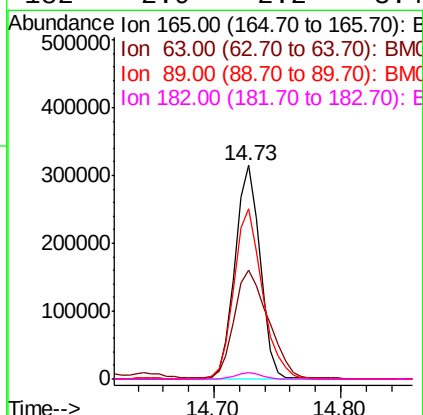
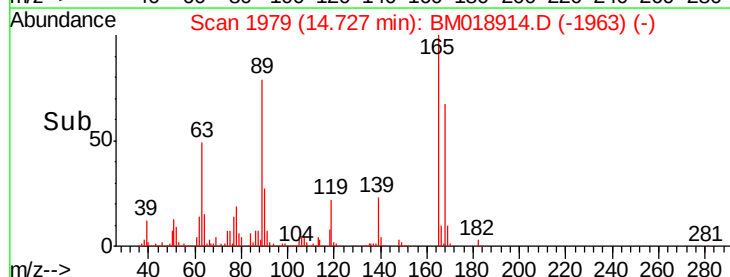
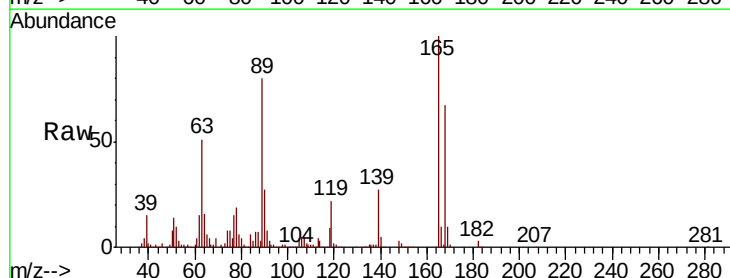
Ion Ratio Lower Upper

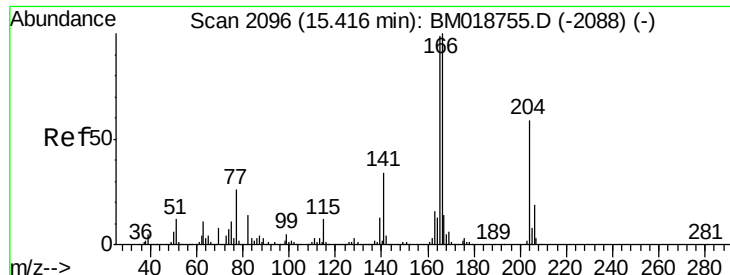
165 100

63 51.0 39.6 59.4

89 79.6 63.5 95.3

182 2.9 2.2 3.4

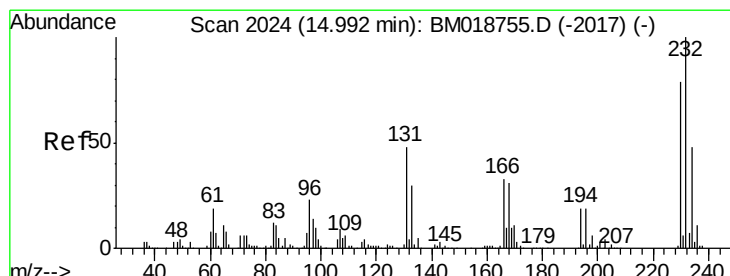
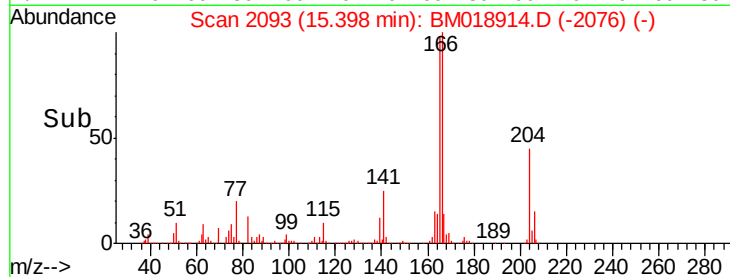
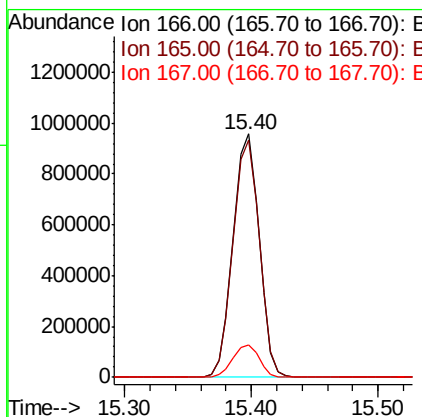
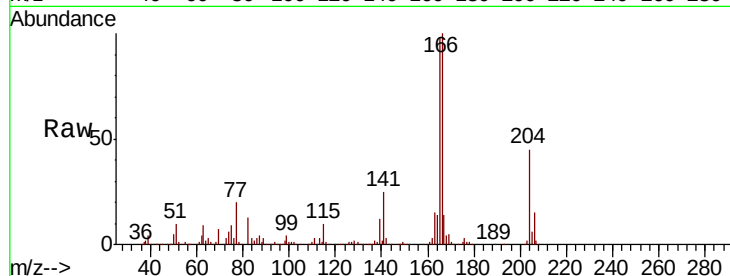




#58
 Fluorene
 Concen: 42.003 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.00 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

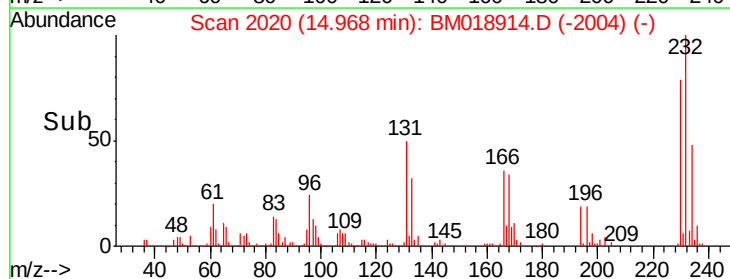
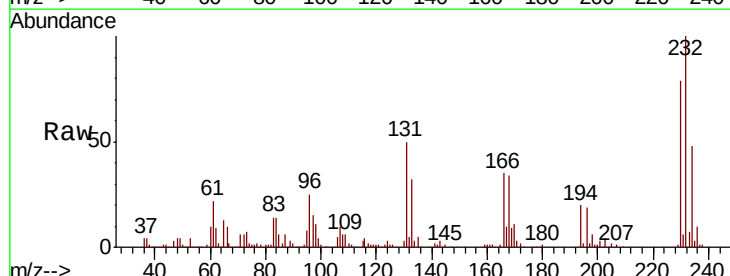
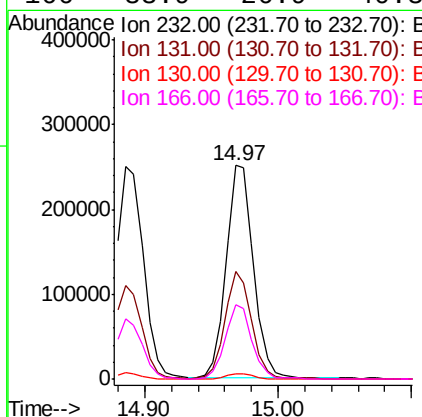
Instrument :
 BNA_M
 ClientSampleId :
 M-1MS

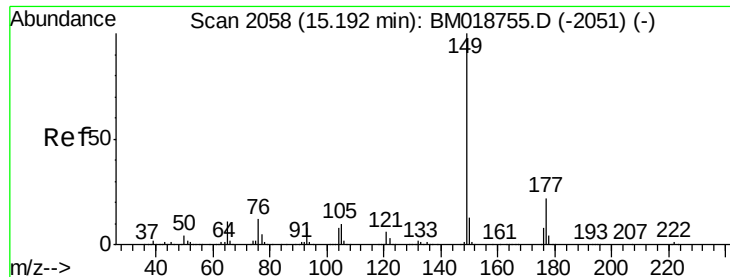
Tot Ion:166 Resp: 1364617
 Ion Ratio Lower Upper
 166 100
 165 97.6 79.1 118.7
 167 13.5 11.0 16.4



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.995 ng
 RT: 14.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Tgt Ion:232 Resp: 359032
 Ion Ratio Lower Upper
 232 100
 131 49.0 38.6 57.8
 130 2.6 2.0 3.0
 166 33.9 26.9 40.3





#60

Diethylphthalate

Concen: 40.277 ng

RT: 15.17 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

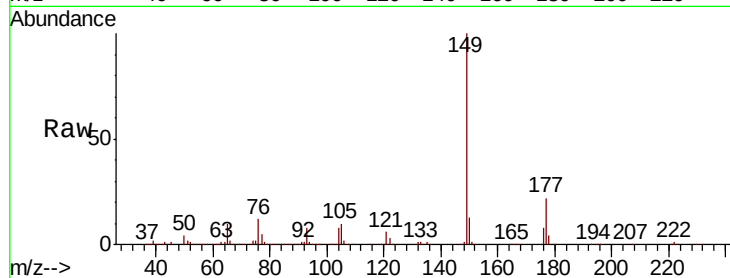
Tot Ion:149 Resp: 1473746

Ion Ratio Lower Upper

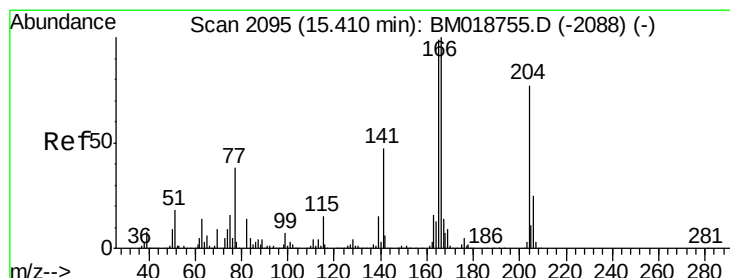
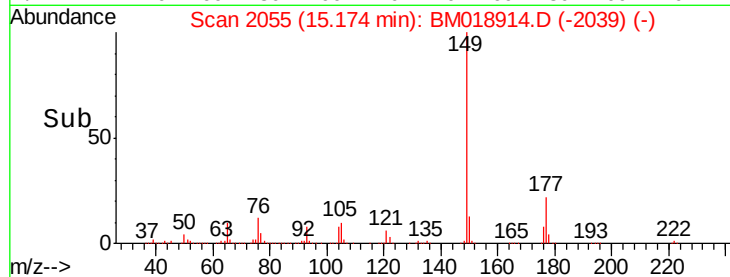
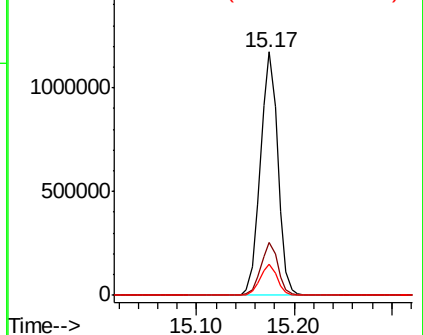
149 100

177 21.7 17.2 25.8

150 12.7 10.2 15.2



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: 36.649 ng

RT: 15.39 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

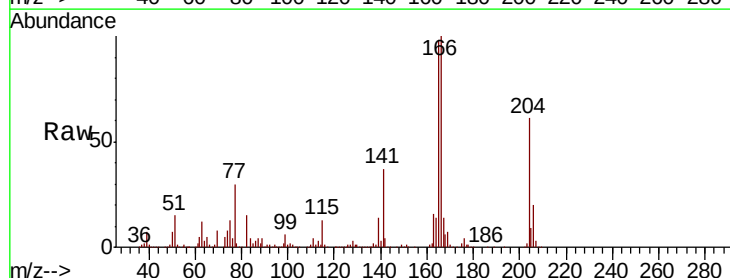
Tgt Ion:204 Resp: 667583

Ion Ratio Lower Upper

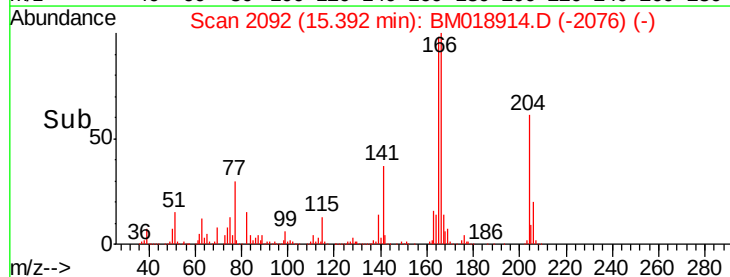
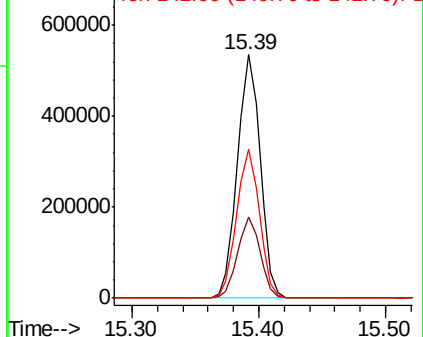
204 100

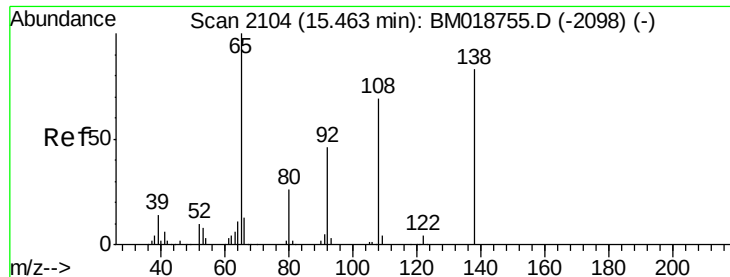
206 33.4 26.2 39.2

141 61.3 49.2 73.8



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

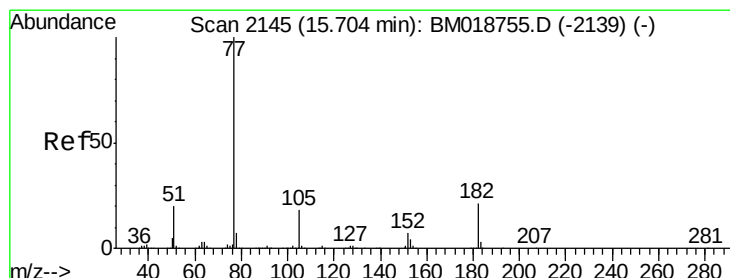
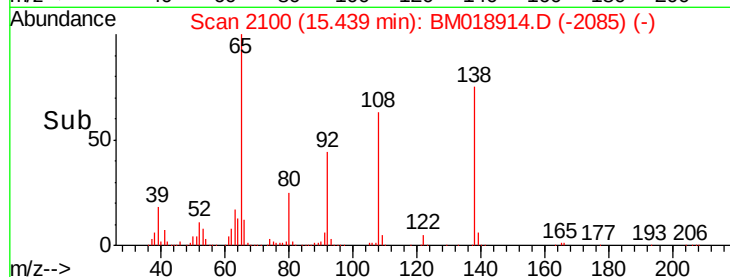
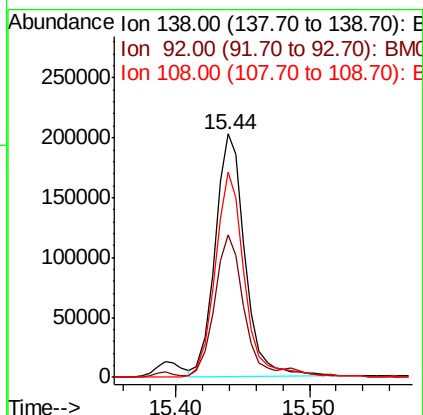
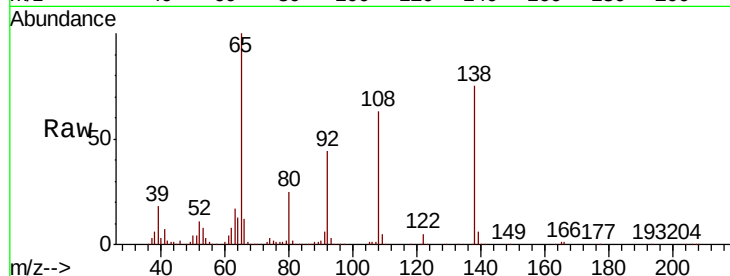




#62
4-Nitroaniline
Concen: 37.091 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

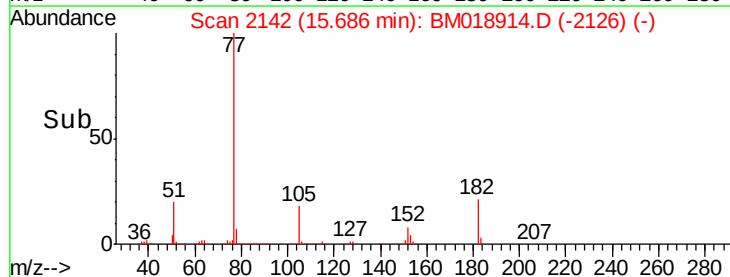
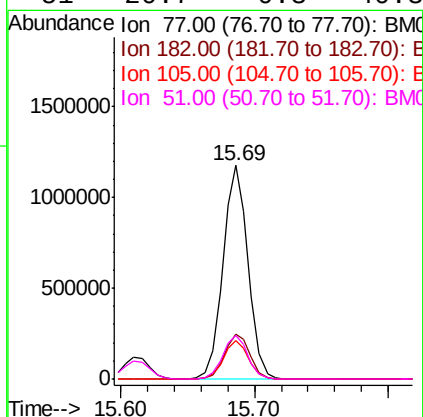
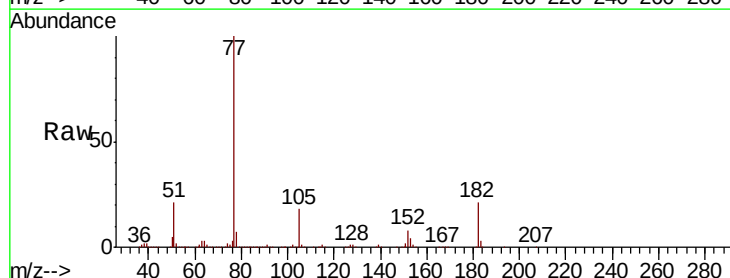
Instrument :
BNA_M
ClientSampled :
M-1MS

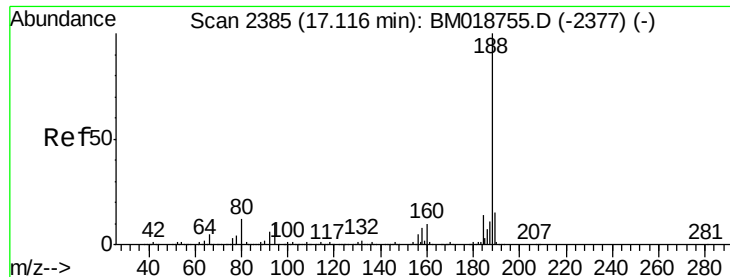
Tot Ion:138 Resp: 315698
Ion Ratio Lower Upper
138 100
92 58.6 35.5 75.5
108 84.5 62.4 102.4



#63
Azobenzene
Concen: 39.122 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion: 77 Resp: 1534867
Ion Ratio Lower Upper
77 100
182 21.2 1.0 41.0
105 17.9 0.0 37.7
51 20.7 0.3 40.3

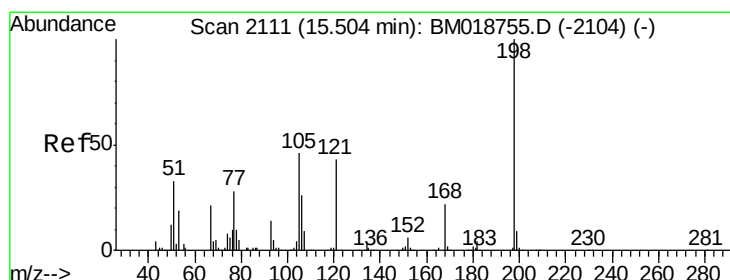
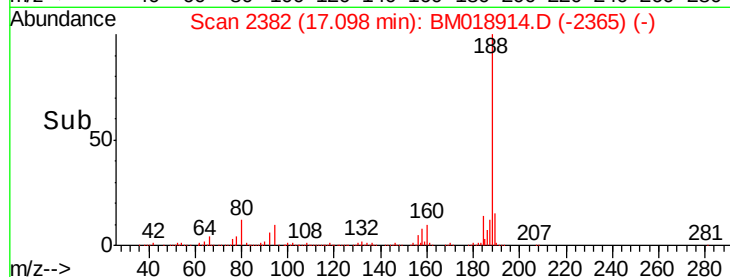
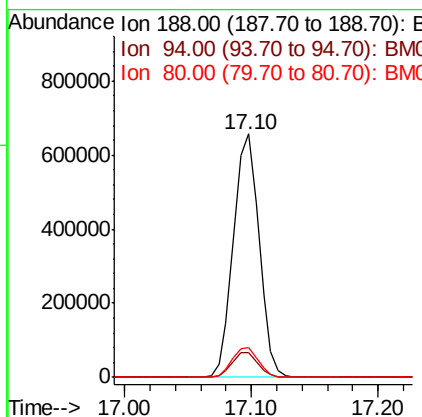
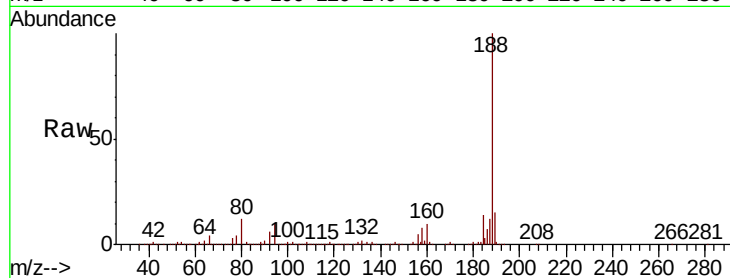




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

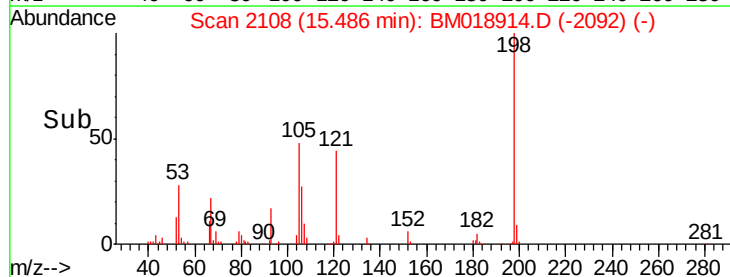
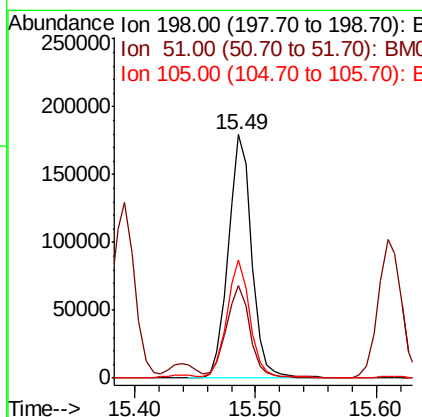
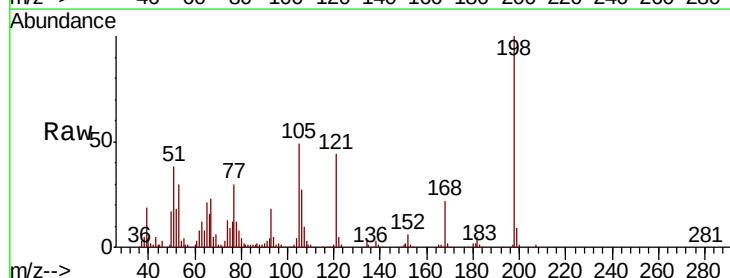
Instrument :
BNA_M
ClientSampleId :
M-1MS

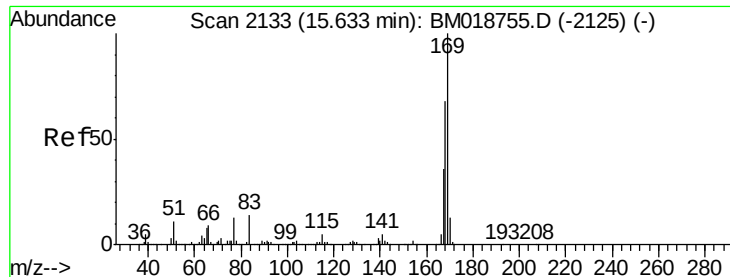
Tot Ion:188 Resp: 921407
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 12.1 9.7 14.5



#65
4,6-Dinitro-2-methylphenol
Concen: 37.406 ng
RT: 15.49 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion:198 Resp: 241992
Ion Ratio Lower Upper
198 100
51 38.2 18.4 58.4
105 48.7 27.2 67.2



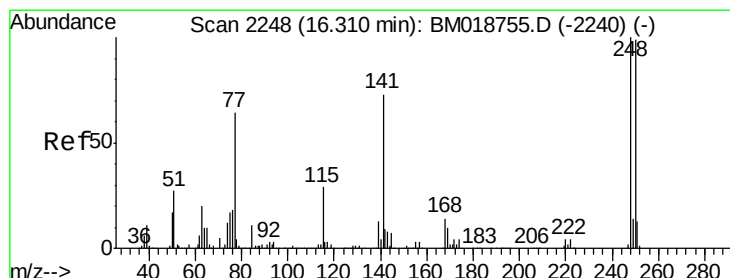
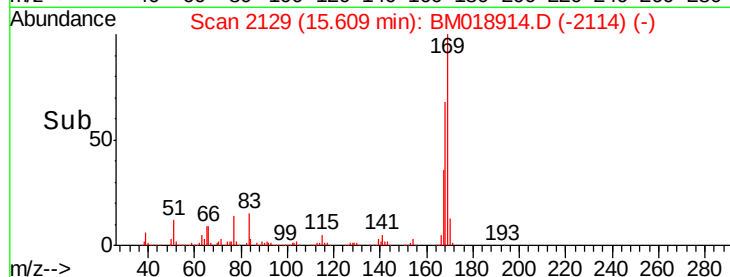
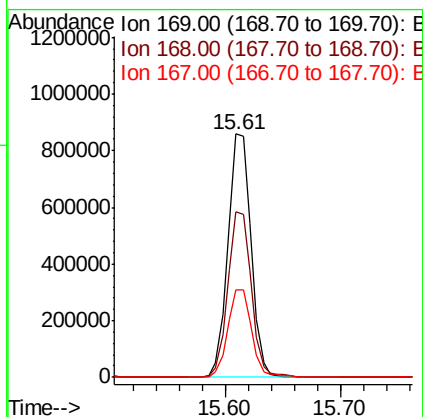
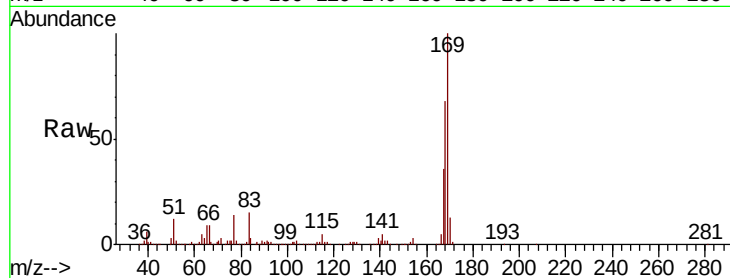


#66
 n-Nitrosodiphenylamine
 Concen: 40.925 ng
 RT: 15.61 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Instrument :
 BNA_M
 ClientSampleID :
 M-1MS

Tot Ion:169 Resp: 1191363

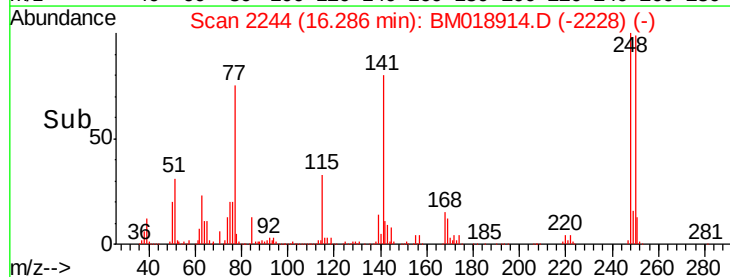
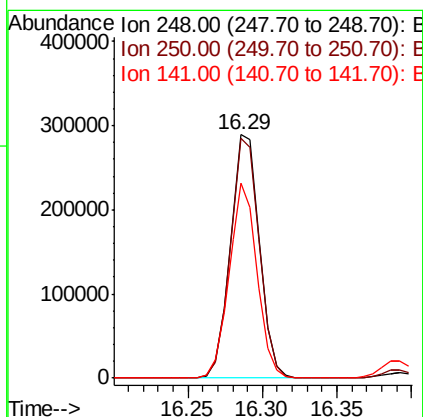
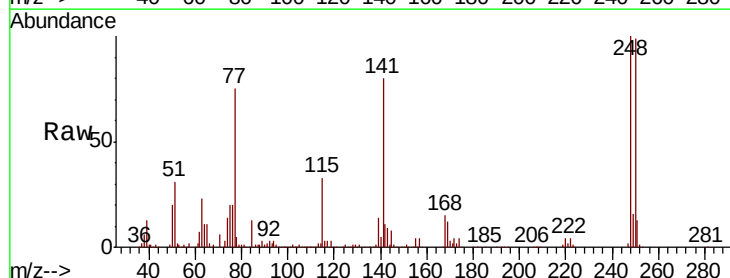
Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	36.0	29.0	43.6

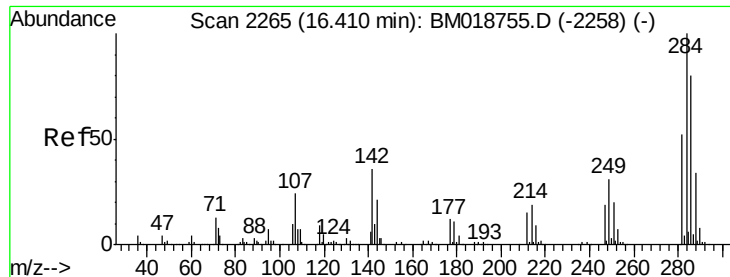


#67
 4-Bromophenyl-phenylether
 Concen: 38.314 ng
 RT: 16.29 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Tgt Ion:248 Resp: 395152

Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.0	118.6
141	80.3	58.6	88.0





#68

Hexachlorobenzene

Concen: 39.151 ng

RT: 16.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

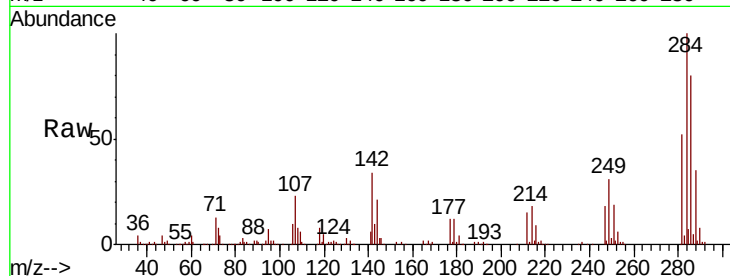
Tot Ion:284 Resp: 469345

Ion Ratio Lower Upper

284 100

142 34.4 28.9 43.3

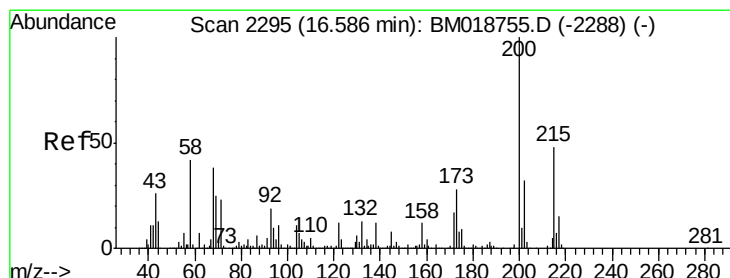
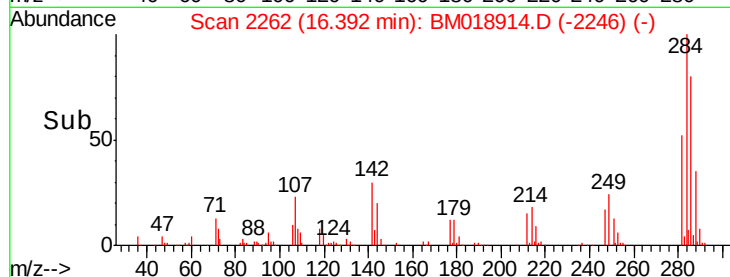
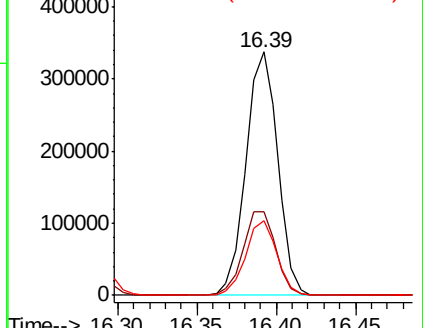
249 30.7 24.8 37.2



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: 39.733 ng

RT: 16.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

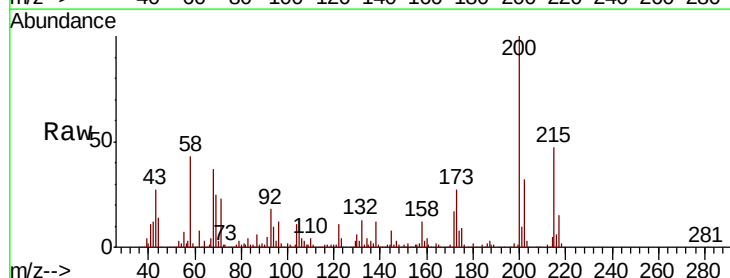
Tgt Ion:200 Resp: 372896

Ion Ratio Lower Upper

200 100

173 27.2 7.6 47.6

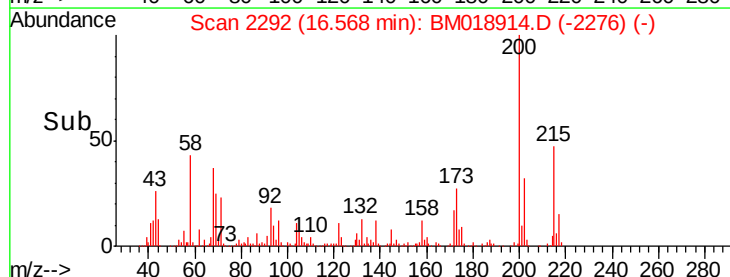
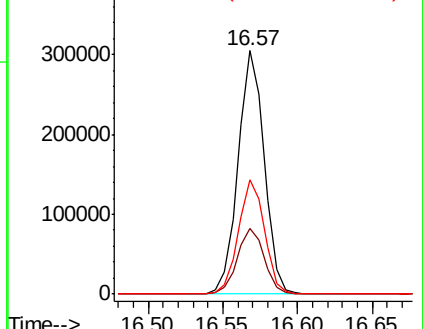
215 46.7 27.6 67.6

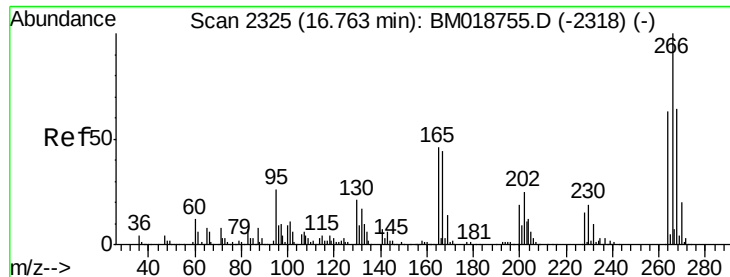


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

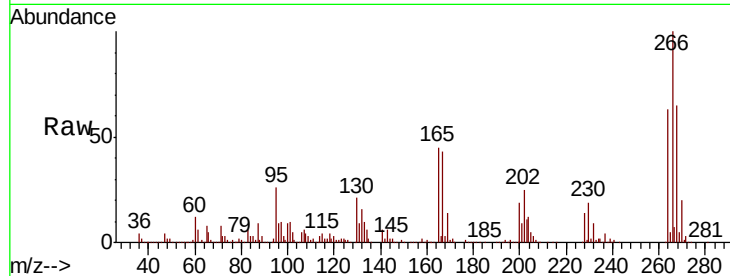




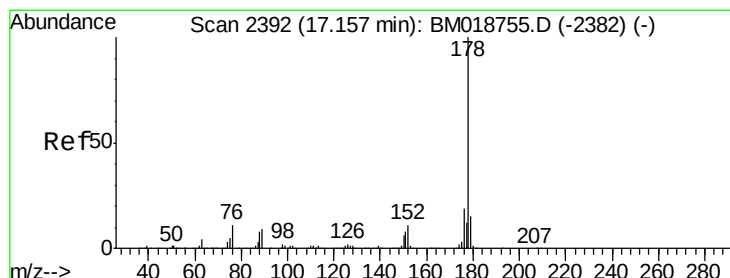
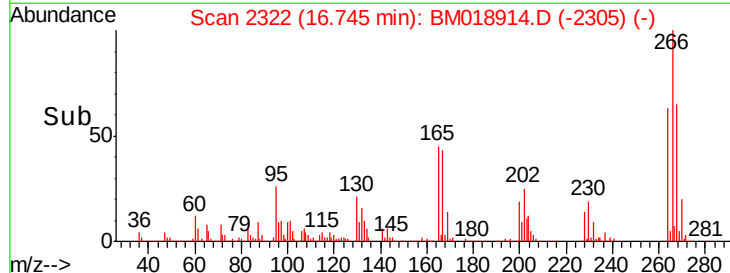
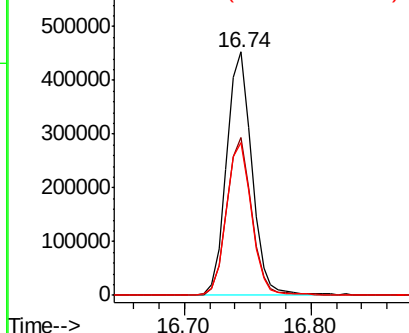
#70
 Pentachlorophenol
 Concen: 80.935 ng
 RT: 16.74 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Instrument :
 BNA_M
 ClientSampleId :
 M-1MS

Tot Ion:266 Resp: 624722
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.3 76.9
 264 63.0 50.6 75.8

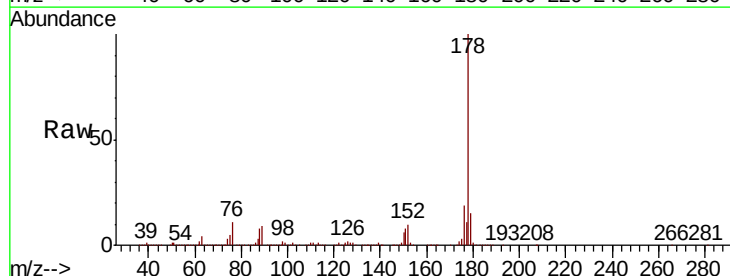


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

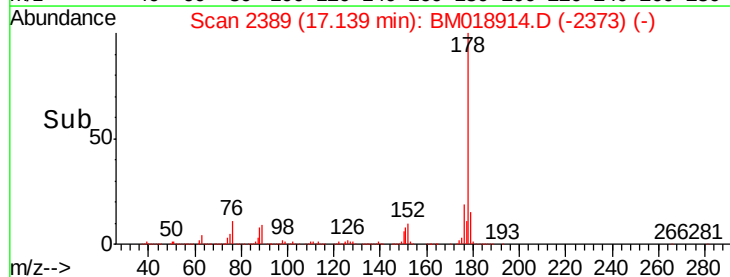
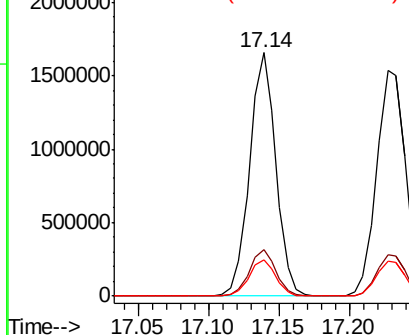


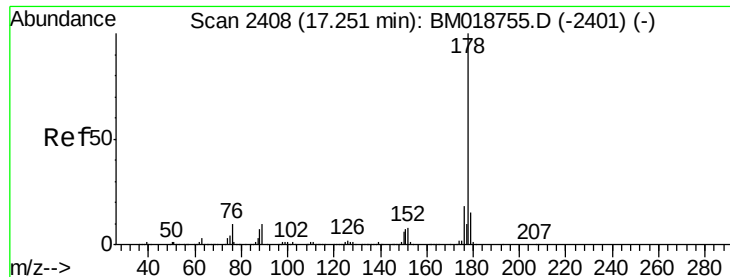
#71
 Phenanthrene
 Concen: 43.699 ng
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BM018914.D
 Acq: 25 Feb 2019 14:11

Tgt Ion:178 Resp: 2163900
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 15.1 12.3 18.5



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





#72

Anthracene

Concen: 45.357 ng

RT: 17.23 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

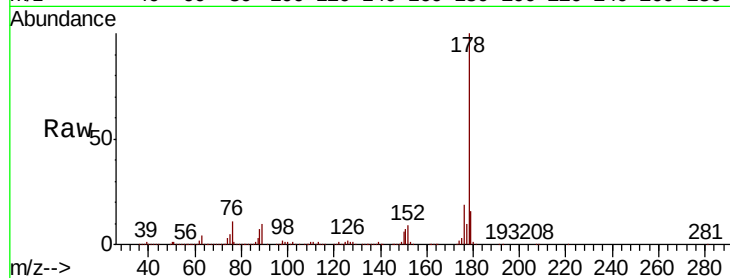
BNA_M

ClientSampleId :

M-1MS

Tot Ion:178 Resp: 2186060

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.6	12.1	18.1

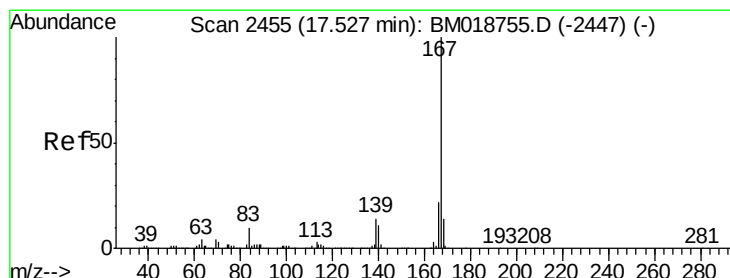
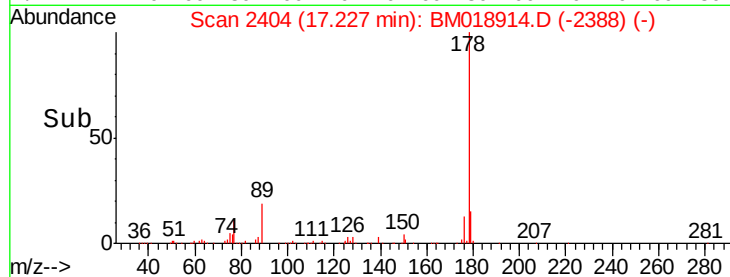
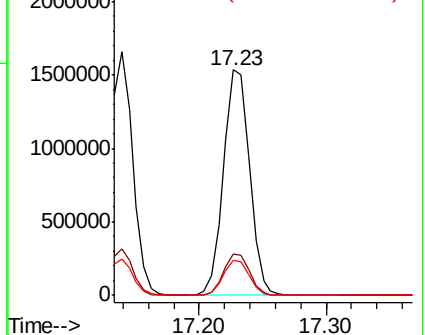


Abundance

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: 40.280 ng

RT: 17.51 min Scan# 2452

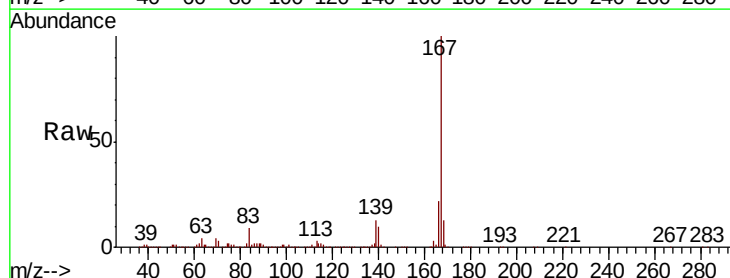
Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:167 Resp: 2028285

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	13.3	10.9	16.3

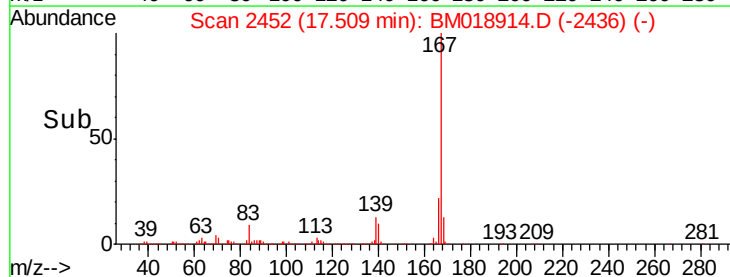
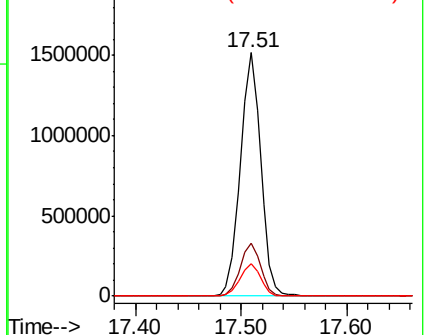


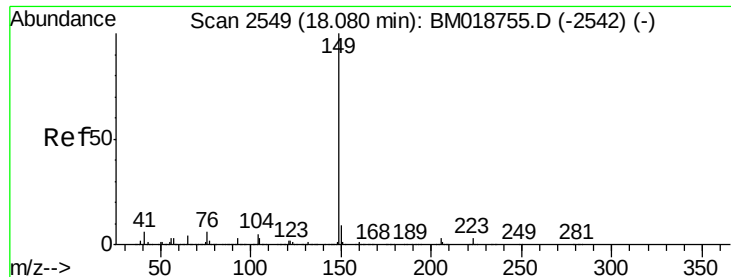
Abundance

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: 43.814 ng

RT: 18.06 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

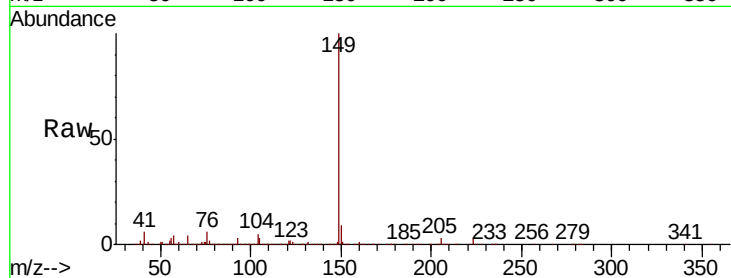
Tot Ion:149 Resp: 2537325

Ion Ratio Lower Upper

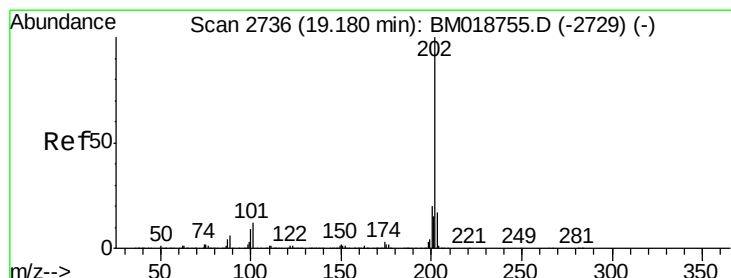
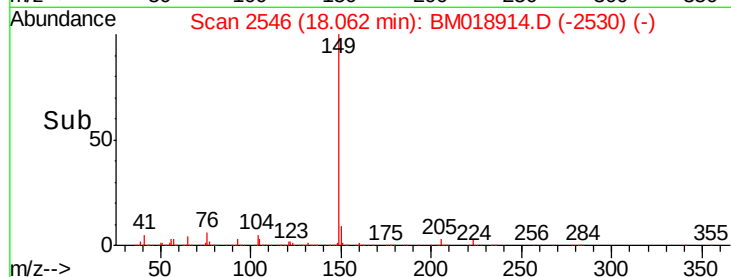
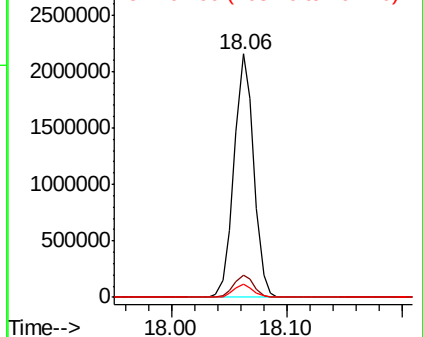
149 100

150 9.1 7.4 11.0

104 5.5 4.3 6.5



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: 44.345 ng

RT: 19.16 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

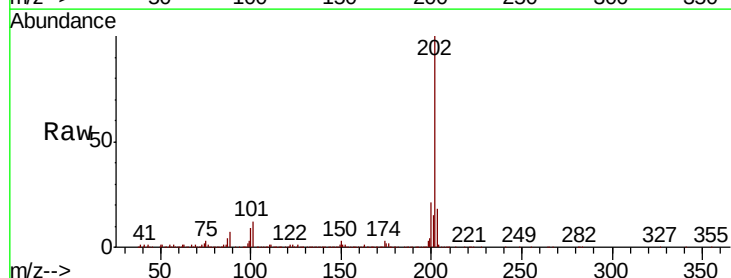
Tgt Ion:202 Resp: 2536509

Ion Ratio Lower Upper

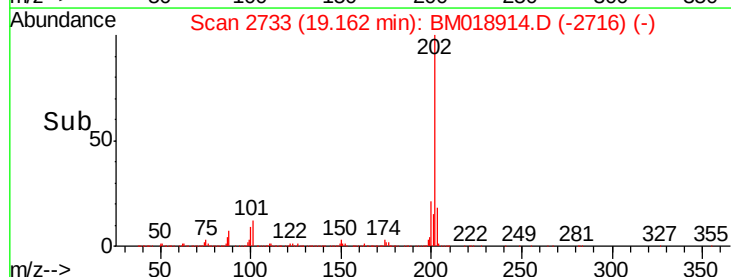
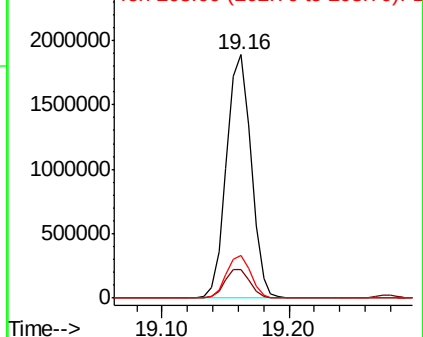
202 100

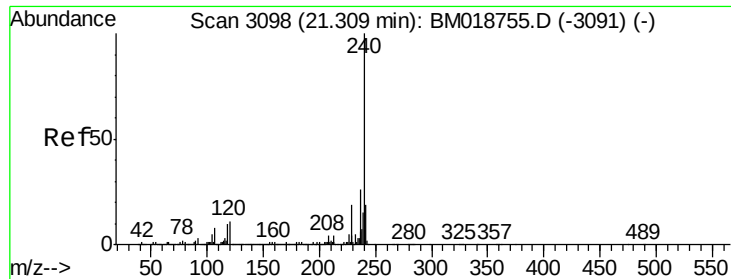
101 12.0 0.0 31.5

203 17.6 0.0 37.3



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

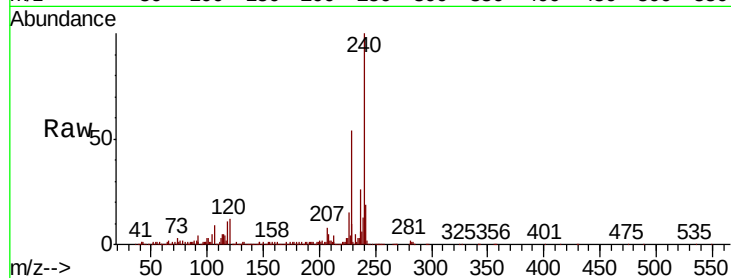




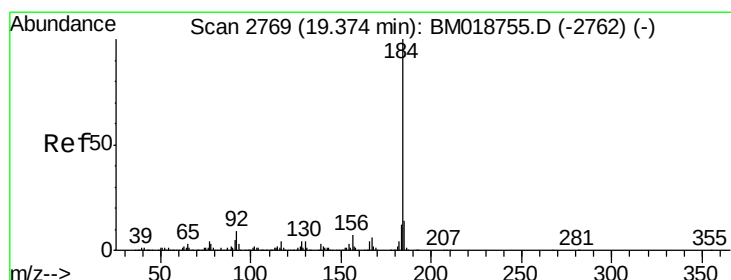
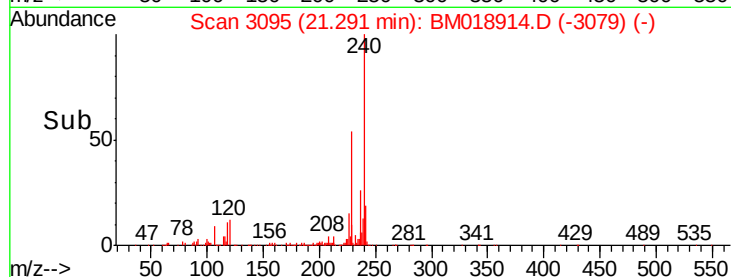
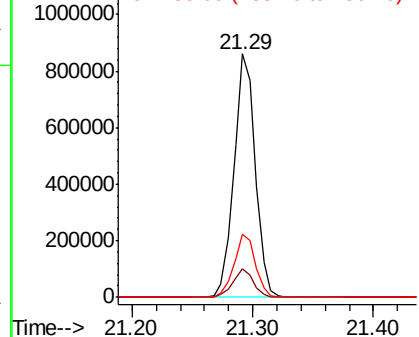
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampleId :
M-1MS

Tot Ion:240 Resp: 1057325
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.8 20.9 31.3

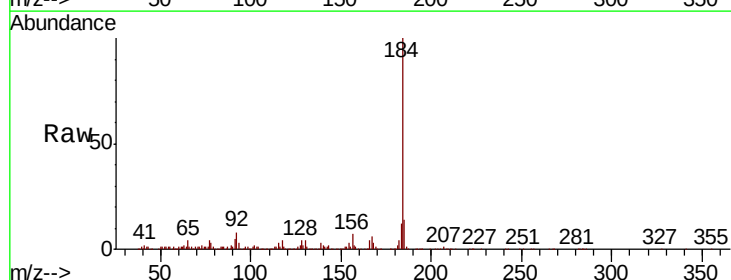


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

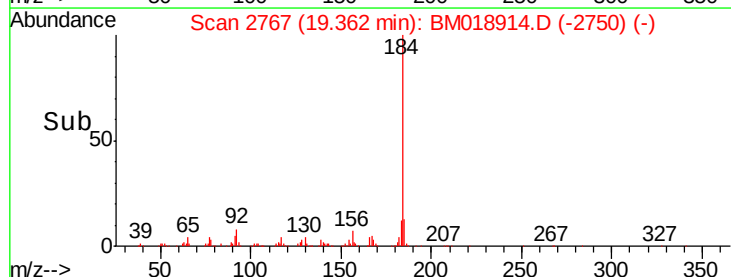
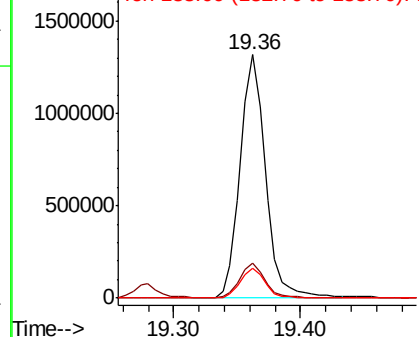


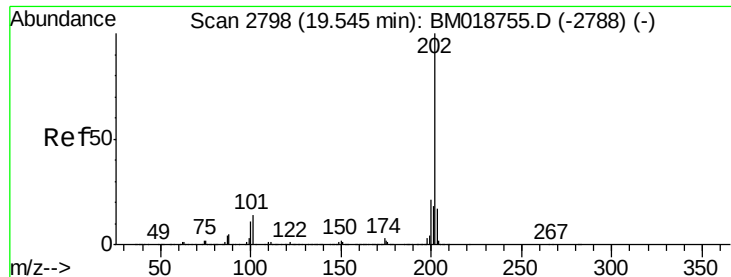
#77
Benzidine
Concen: 76.784 ng
RT: 19.36 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion:184 Resp: 1828422
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 12.2 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 42.660 ng

RT: 19.53 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

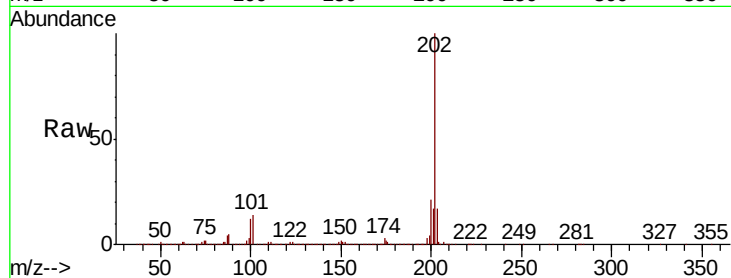
Tot Ion:202 Resp: 2619699

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 17.4 13.8 20.8

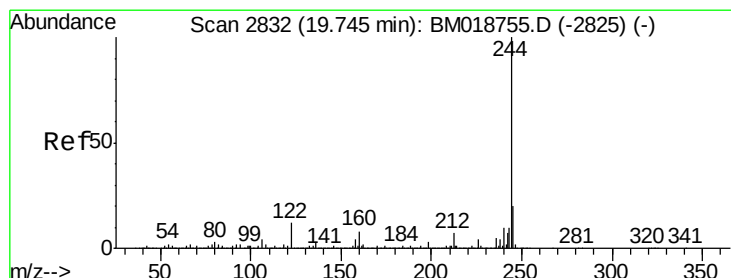
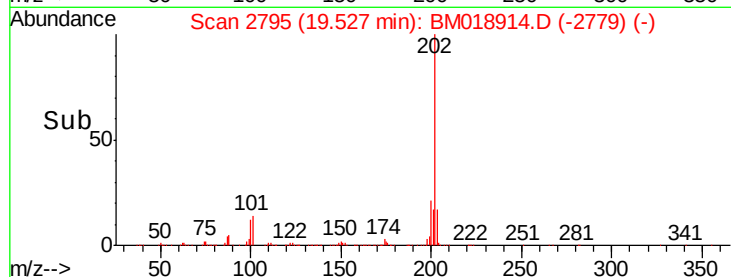
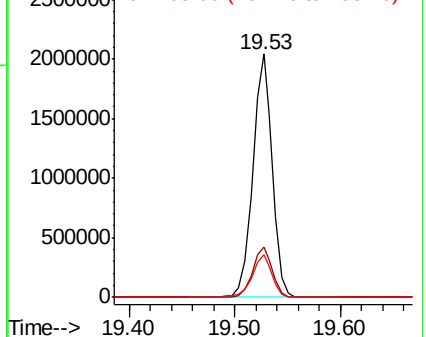


Abundance

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: 72.000 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

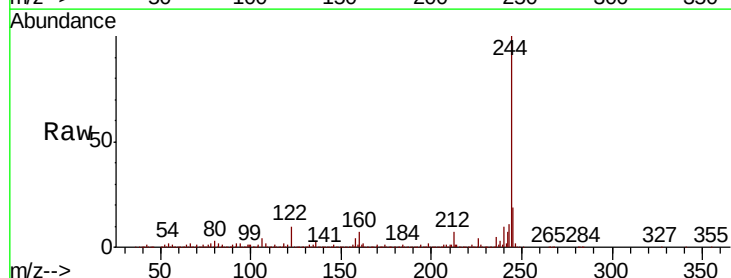
Tgt Ion:244 Resp: 3690305

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.4 9.3 13.9

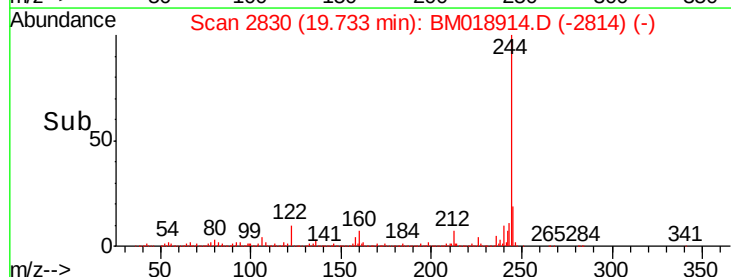
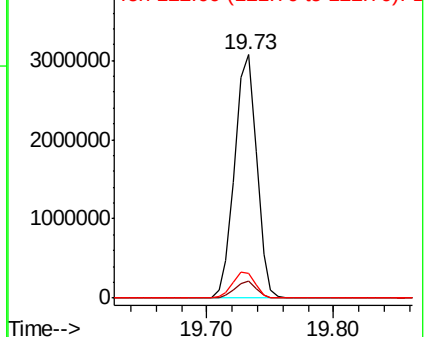


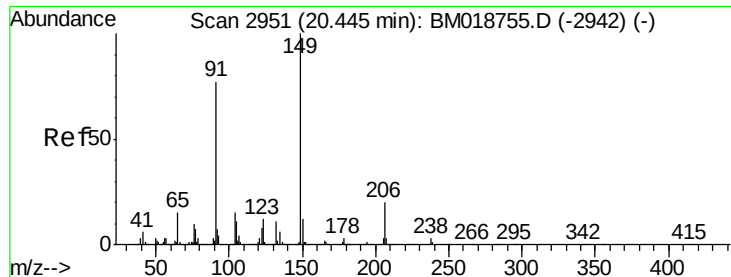
Abundance

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

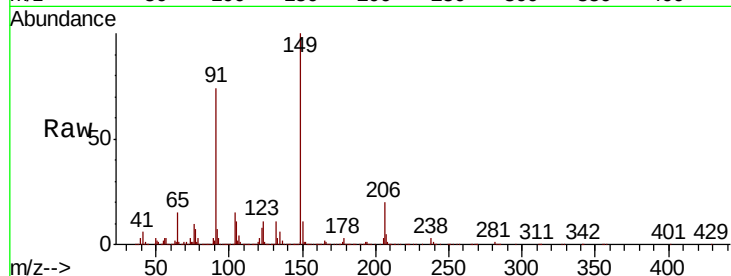




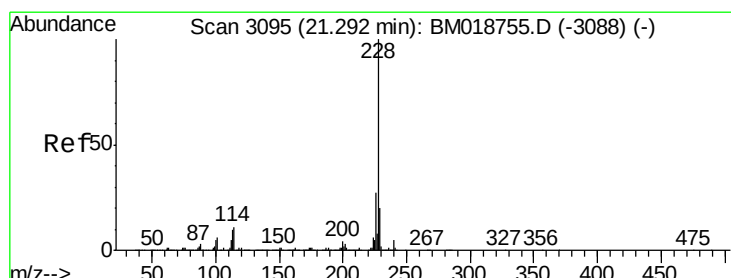
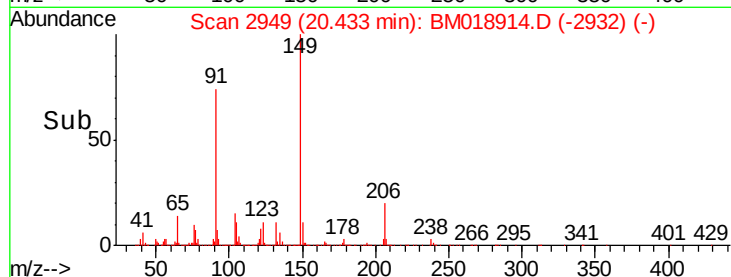
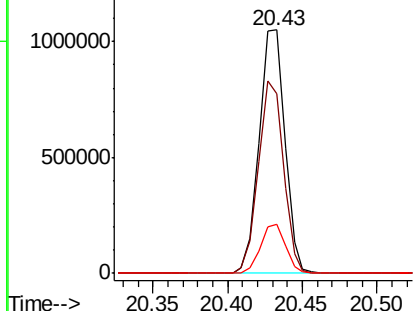
#80
Butylbenzylphthalate
Concen: 44.582 ng
RT: 20.43 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Instrument :
BNA_M
ClientSampled :
M-1MS

Tot Ion:149 Resp: 1247692
Ion Ratio Lower Upper
149 100
91 73.6 61.4 92.0
206 20.1 15.8 23.8

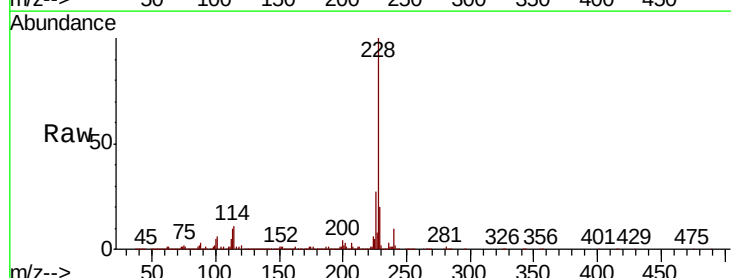


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

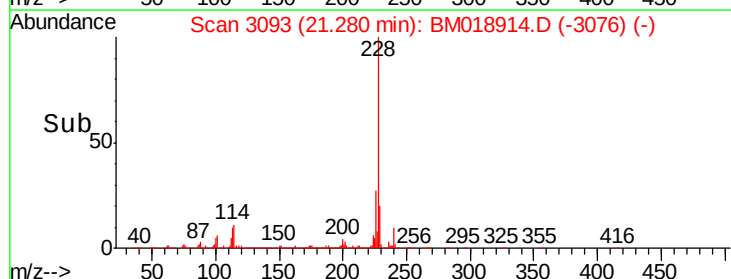
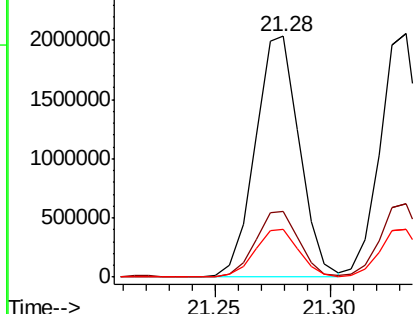


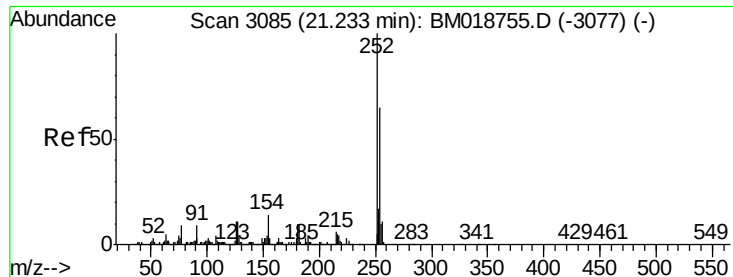
#81
Benzo(a)anthracene
Concen: 43.723 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion:228 Resp: 2694776
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 36.044 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

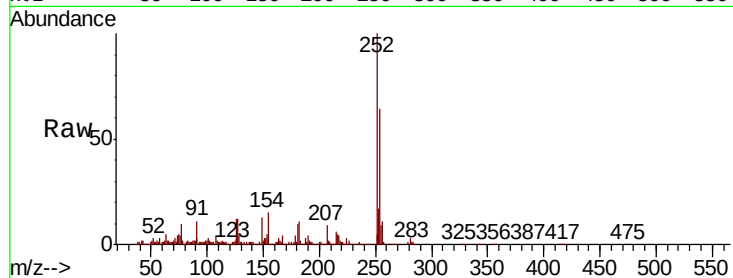
Tot Ion:252 Resp: 877983

Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.8

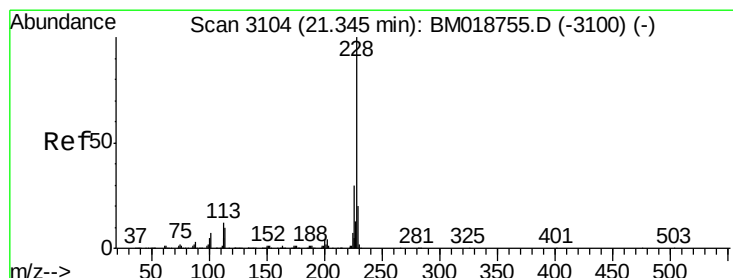
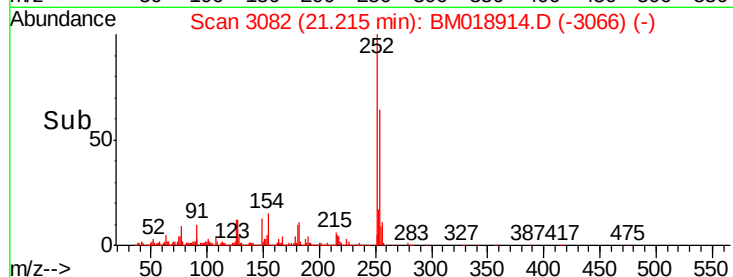
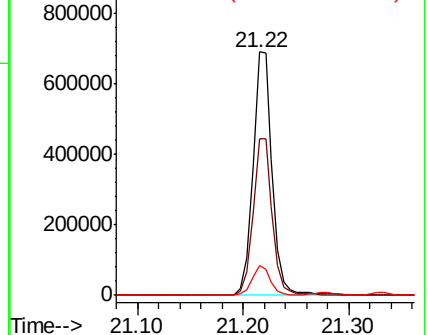
126 12.2 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 42.758 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

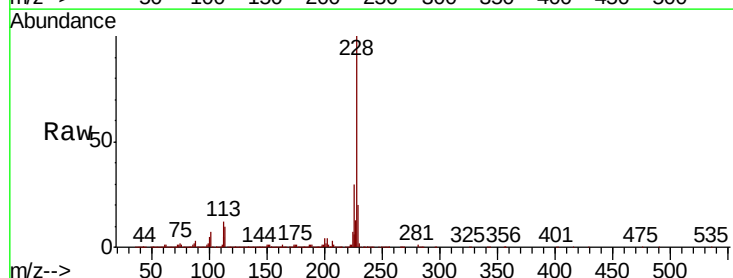
Tgt Ion:228 Resp: 2525897

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

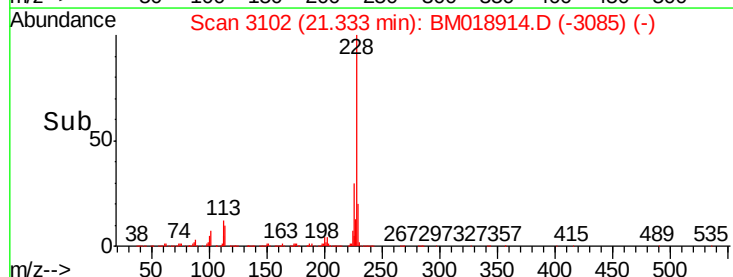
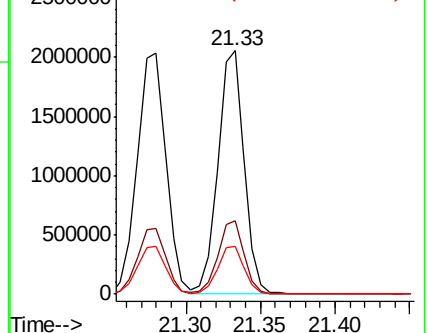
229 19.6 16.0 24.0

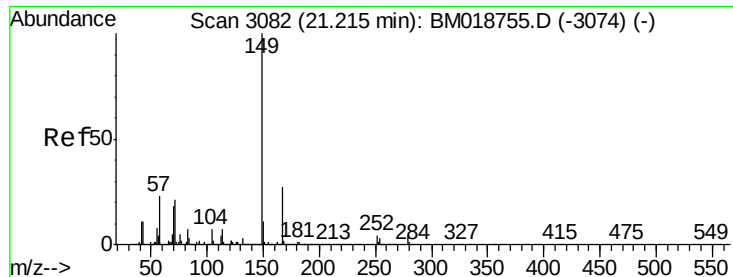


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 43.996 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

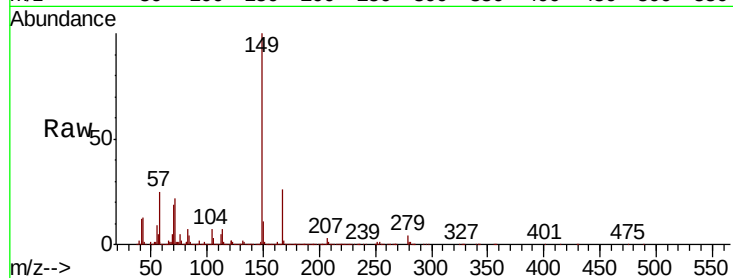
BNA_M

ClientSampleId :

M-1MS

Tot Ion:149 Resp: 1802106

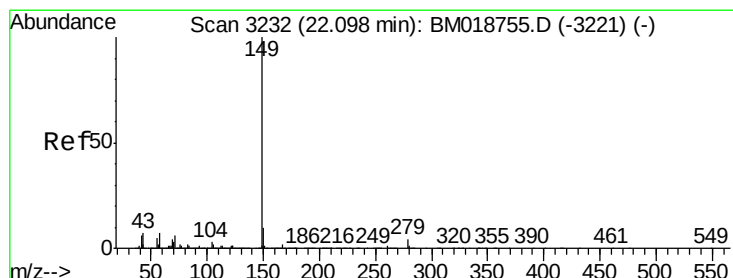
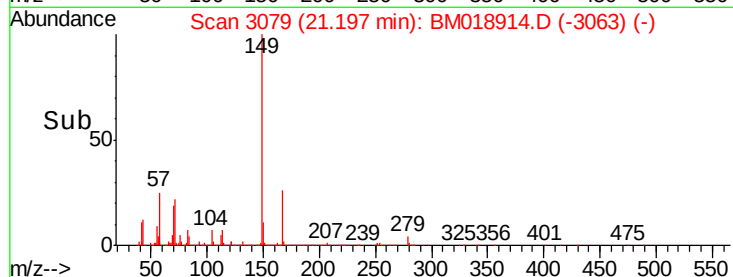
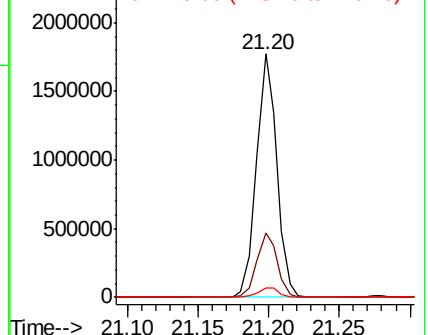
Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.8	32.6
279	4.1	3.6	5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 45.750 ng

RT: 22.08 min Scan# 3229

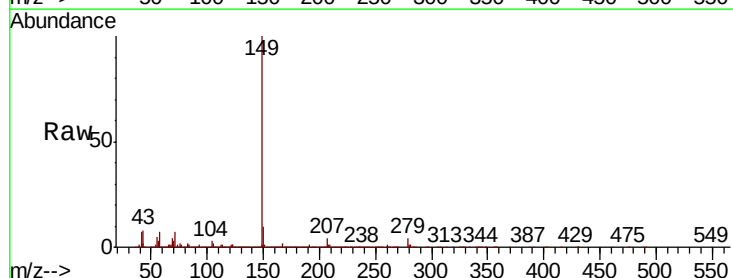
Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Tgt Ion:149 Resp: 3149570

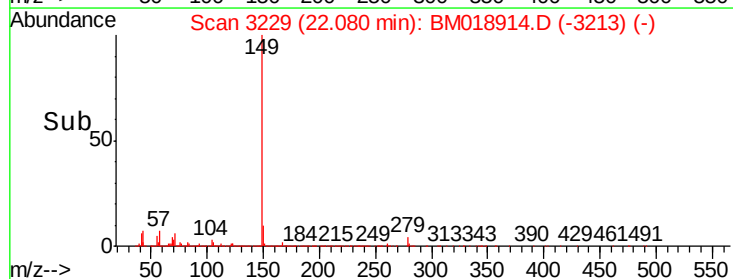
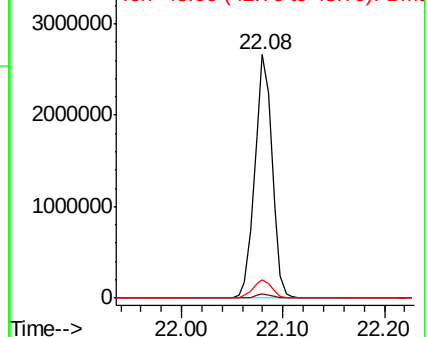
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

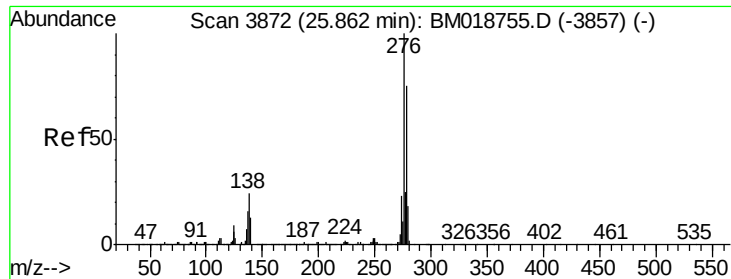


Abundance Ion 149.00 (148.70 to 149.70): E

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: 51.141 ng

RT: 25.83 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

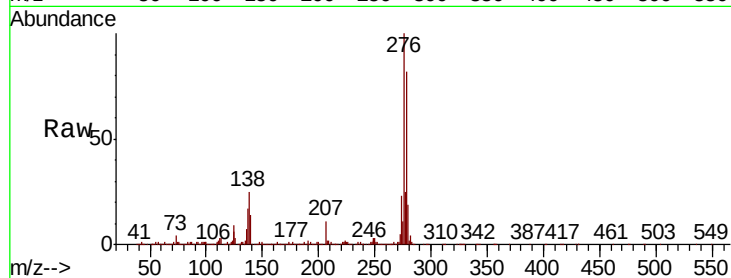
Tot Ion:276 Resp: 3488048

Ion Ratio Lower Upper

276 100

138 25.1 20.2 30.4

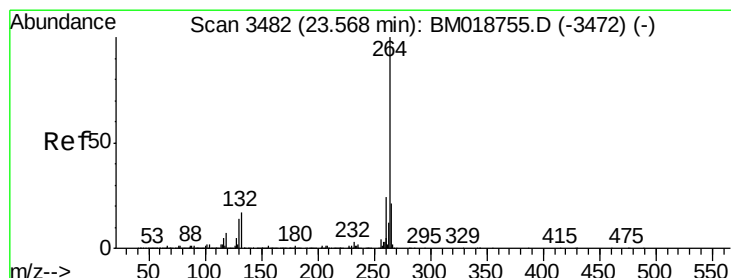
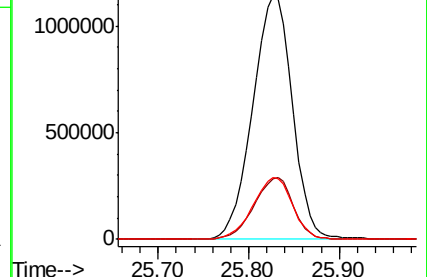
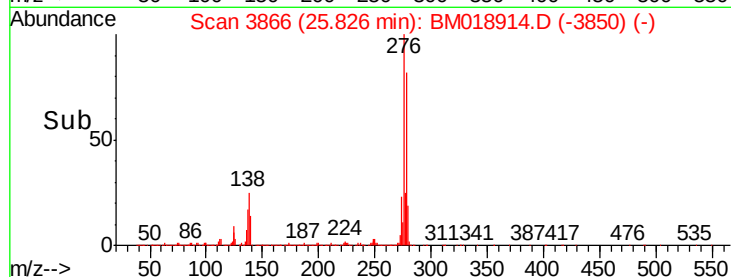
277 25.2 20.3 30.5



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

Perylene-d12

Concen: 20.000 ng

RT: 23.54 min Scan# 3478

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

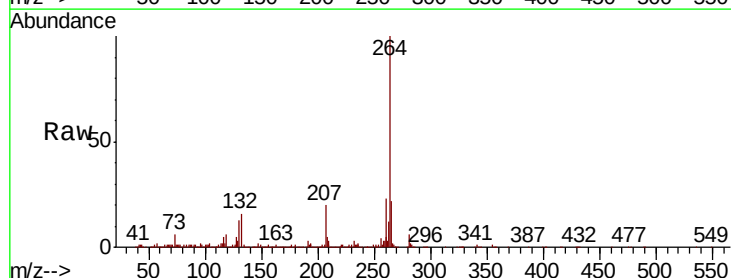
Tgt Ion:264 Resp: 1143719

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

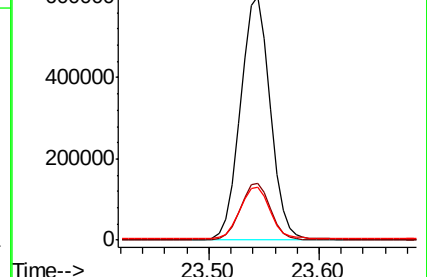
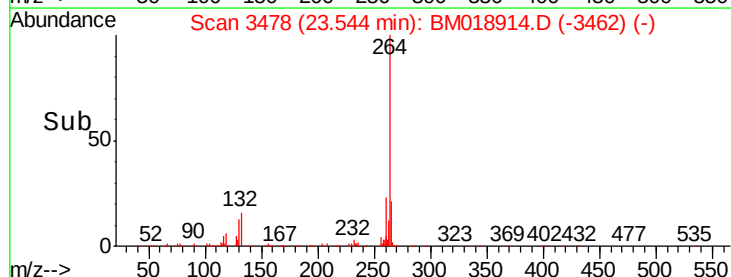
265 21.9 17.3 25.9

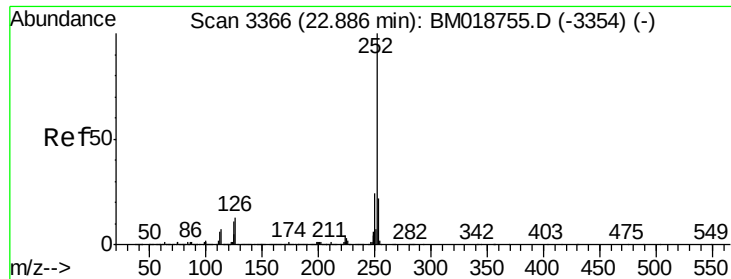


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

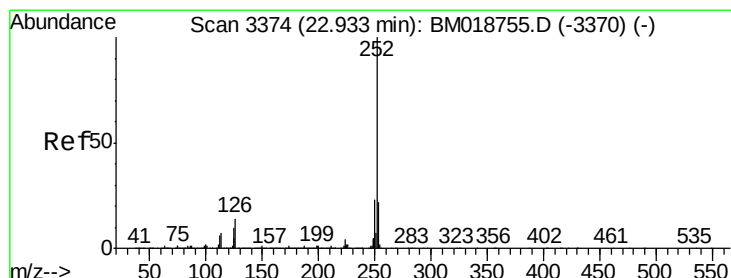
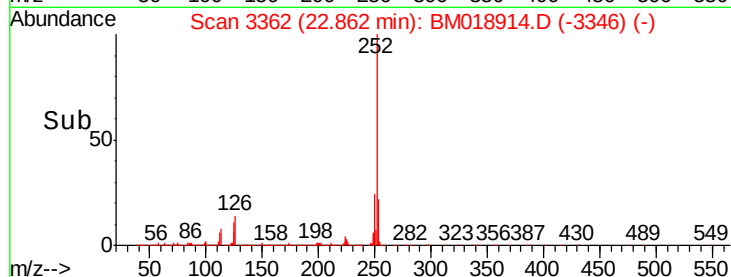
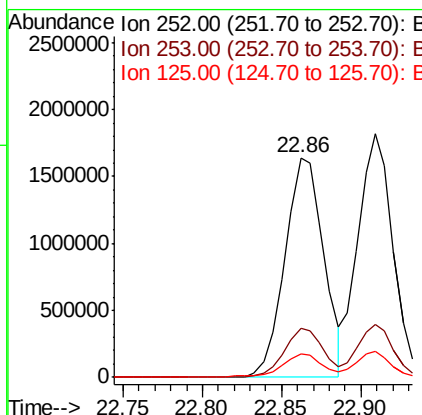
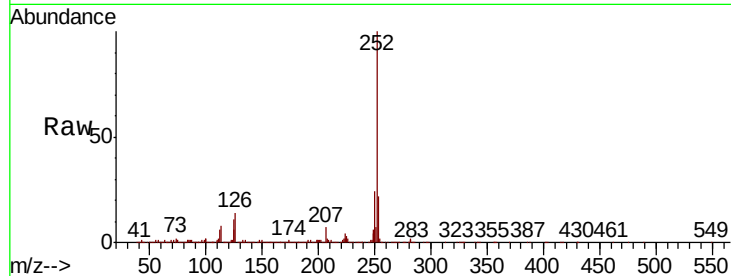




#88
Benzo(b)fluoranthene
Concen: 42.471 ng
RT: 22.86 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

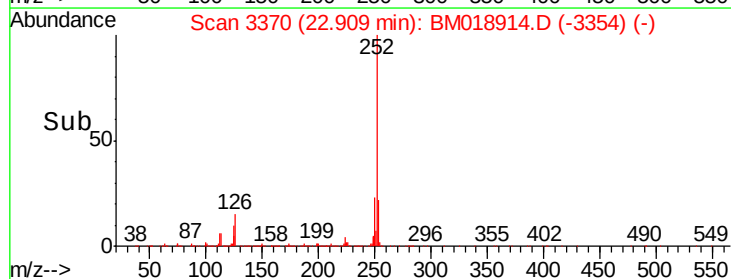
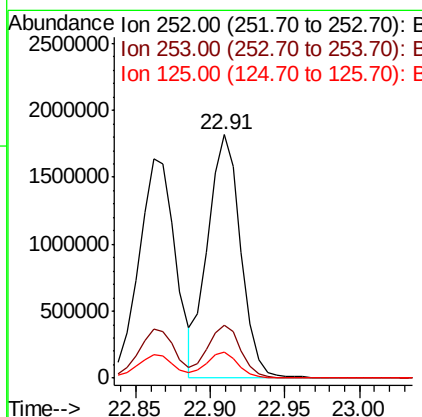
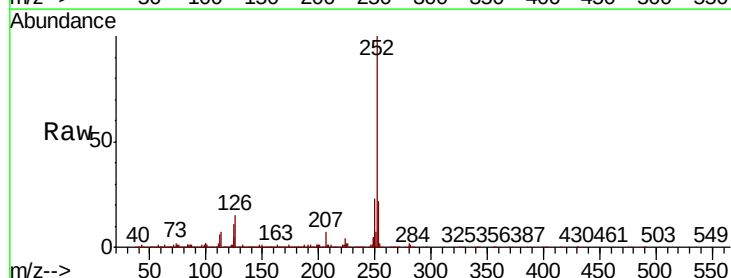
Instrument :
BNA_M
ClientSampleId :
M-1MS

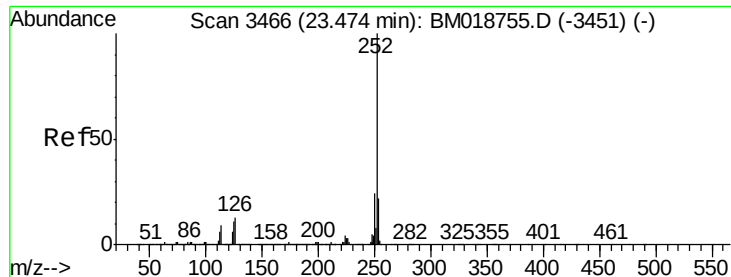
Tot Ion:252 Resp: 2779137
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.9 8.6 12.8



#89
Benzo(k)fluoranthene
Concen: 42.705 ng
RT: 22.91 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM018914.D
Acq: 25 Feb 2019 14:11

Tgt Ion:252 Resp: 2782073
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.6 8.2 12.4





#90

Benzo(a)pyrene

Concen: 44.476 ng

RT: 23.44 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

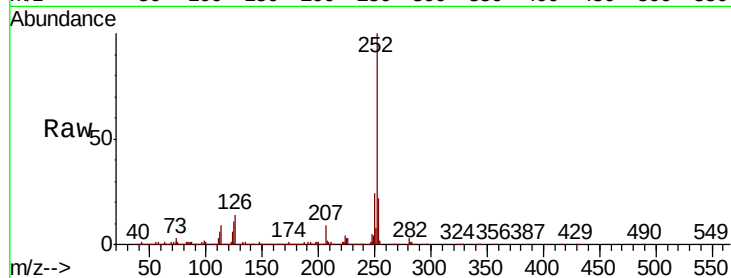
Tot Ion:252 Resp: 2757024

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 11.4 8.6 13.0

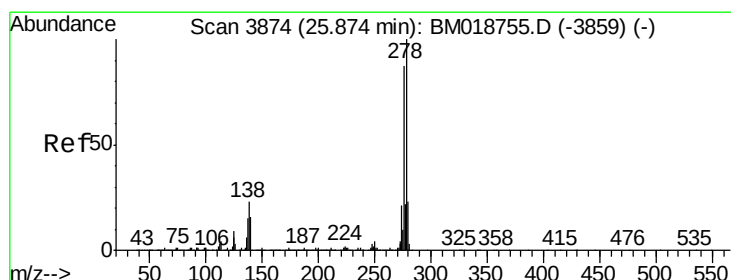
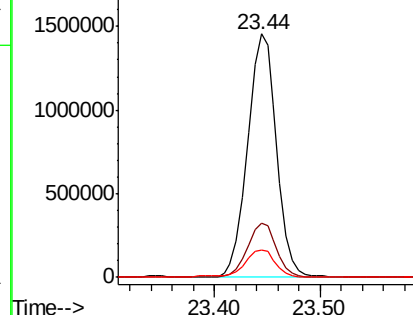
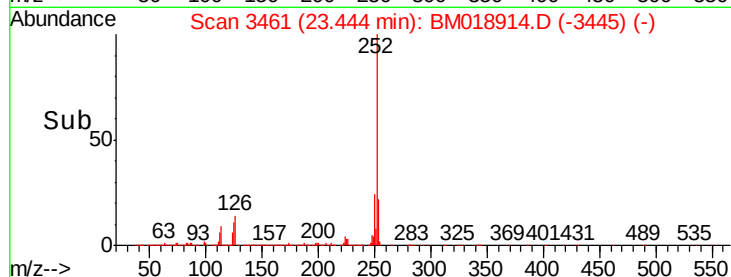


Abundance

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: 48.048 ng

RT: 25.84 min Scan# 3868

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

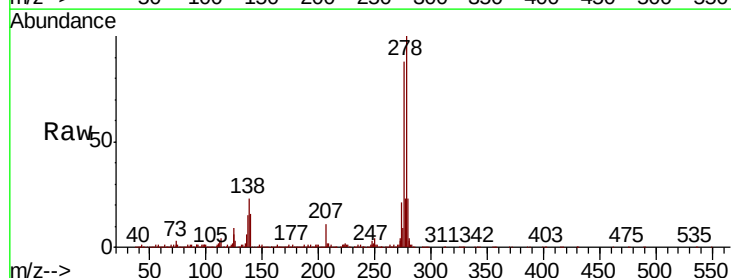
Tgt Ion:278 Resp: 2950891

Ion Ratio Lower Upper

278 100

139 16.3 12.6 18.8

279 23.1 18.6 28.0

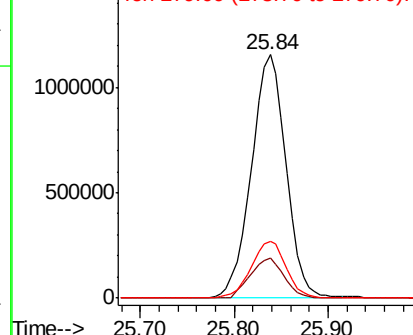
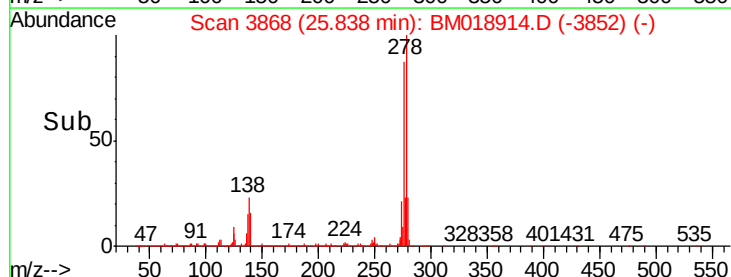


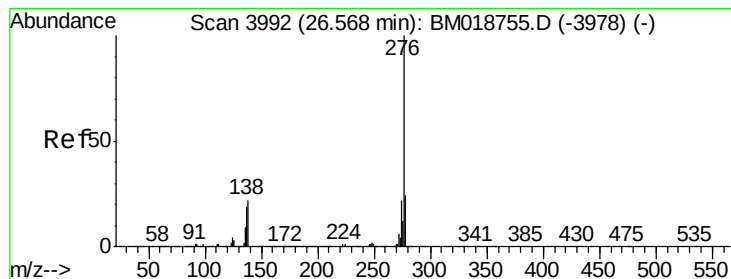
Abundance

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(a,h,i)perylene

Concen: 50.016 ng

RT: 26.53 min Scan# 3985

Delta R.T. -0.01 min

Lab File: BM018914.D

Acq: 25 Feb 2019 14:11

Instrument :

BNA_M

ClientSampleId :

M-1MS

Tot Ion:276 Resp: 2859745

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 21.6 17.3 25.9

