

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM013019\
 Data File : BM018698.D
 Acq On : 30 Jan 2019 17:13
 Operator : JU/SJ
 Sample : K1282-29MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

Quant Time: Jan 30 17:52:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	289656	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	1076618	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	524878	20.00	ng	-0.01
64) Phenanthrene-d10	17.12	188	1008870	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	993173	20.00	ng	-0.02
87) Perylene-d12	23.58	264	1152849	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2458588	156.73	ng	-0.01
7) Phenol-d6	6.90	99	3038895	152.52	ng	0.00
23) Nitrobenzene-d5	8.89	82	1836156	98.87	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	971612	145.38	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3952874	98.27	ng	-0.02
79) Terphenyl-d14	19.76	244	4282113	90.89	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.26	88	211458	33.074 ng	98
3) Pyridine	3.66	79	535457	33.592 ng	98
4) n-Nitrosodimethylamine	3.58	42	306633	46.520 ng	# 91
6) Aniline	7.06	93	779738	35.083 ng	99
8) 2-Chlorophenol	7.29	128	788622	43.045 ng	94
9) Benzaldehyde	6.88	77	501658	45.554 ng	98
10) Phenol	6.93	94	931027	45.985 ng	99
11) bis(2-Chloroethyl)ether	7.16	93	643243	40.434 ng	96
12) 1,3-Dichlorobenzene	7.61	146	854517	39.165 ng	100
13) 1,4-Dichlorobenzene	7.76	146	873860	39.516 ng	99
14) 1,2-Dichlorobenzene	8.07	146	833571	39.752 ng	100
15) Benzyl Alcohol	7.97	79	610849	42.448 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	836549	41.148 ng	96
17) 2-Methylphenol	8.17	107	585883	42.631 ng	99
18) Hexachloroethane	8.79	117	303081	38.438 ng	96
19) n-Nitroso-di-n-propylamine	8.53	70	493673	38.074 ng	94
20) 3+4-Methylphenols	8.49	107	790541	41.669 ng	99
22) Acetophenone	8.55	105	1035476	38.880 ng	# 98
24) Nitrobenzene	8.93	77	756576	41.403 ng	96
25) Isophorone	9.45	82	1285746	45.719 ng	100
26) 2-Nitrophenol	9.63	139	409706	46.369 ng	98
27) 2,4-Dimethylphenol	9.69	122	639400	48.279 ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	828952	42.669 ng	99
29) 2,4-Dichlorophenol	10.16	162	691751	43.864 ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	788055	40.260 ng	99
31) Naphthalene	10.56	128	2273327	43.844 ng	100
32) Benzoic acid	9.83	122	324454	37.959 ng	98
33) 4-Chloroaniline	10.69	127	291902	14.295 ng	98
34) Hexachlorobutadiene	10.83	225	476771	38.555 ng	99
35) Caprolactam	11.50	113	162280	30.267 ng	91
36) 4-Chloro-3-methylphenol	11.81	107	659712	39.874 ng	99
37) 2-Methylnaphthalene	12.18	142	1588921	43.373 ng	100
38) 1-Methylnaphthalene	12.40	142	1481349	41.791 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	818336	44.584 ng	99

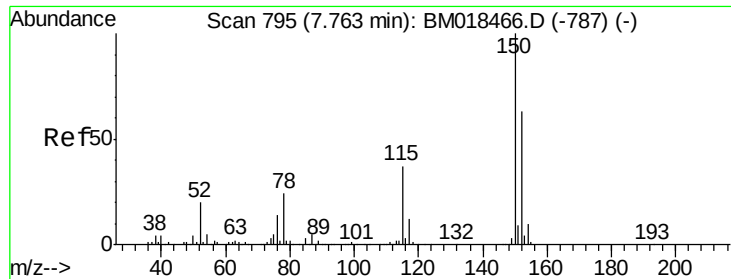
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM013019\
 Data File : BM018698.D
 Acq On : 30 Jan 2019 17:13
 Operator : JU/SJ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	946668	93.975	ng	100
43) 2,4,6-Trichlorophenol	12.80	196	525642	47.159	ng	98
44) 2,4,5-Trichlorophenol	12.87	196	546892	46.653	ng	98
46) 1,1'-Biphenyl	13.20	154	1956823	42.698	ng	99
47) 2-Chloronaphthalene	13.25	162	1507034	42.405	ng	100
48) 2-Nitroaniline	13.46	65	363303	41.551	ng	93
49) Acenaphthylene	14.09	152	2316843	44.734	ng	99
50) Dimethylphthalate	13.84	163	1996603	46.318	ng	99
51) 2,6-Dinitrotoluene	13.96	165	384198	42.076	ng	94
52) Acenaphthene	14.44	154	1338093	42.225	ng	97
53) 3-Nitroaniline	14.30	138	217826	23.662	ng	95
54) 2,4-Dinitrophenol	14.50	184	321284	66.347	ng	# 88
55) Dibenzofuran	14.77	168	2106496	40.231	ng	100
56) 4-Nitrophenol	14.61	139	629476	79.153	ng	95
57) 2,4-Dinitrotoluene	14.75	165	503416	38.966	ng	99
58) Fluorene	15.42	166	1650640	42.319	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	460741	44.342	ng	97
60) Diethylphthalate	15.20	149	1699405	39.051	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	845641	37.617	ng	99
62) 4-Nitroaniline	15.46	138	327607	32.627	ng	96
63) Azobenzene	15.72	77	1388033	39.122	ng	96
65) 4,6-Dinitro-2-methylphenol	15.51	198	231686	37.374	ng	90
66) n-Nitrosodiphenylamine	15.64	169	1405438	44.910	ng	99
67) 4-Bromophenyl-phenylether	16.32	248	488034	43.228	ng	98
68) Hexachlorobenzene	16.42	284	531220	42.031	ng	97
69) Atrazine	16.59	200	462559	40.885	ng	98
70) Pentachlorophenol	16.77	266	639929	77.310	ng	97
71) Phenanthrene	17.17	178	2390157	44.541	ng	100
72) Anthracene	17.26	178	2420235	46.902	ng	99
73) Carbazole	17.53	167	2146325	40.485	ng	99
74) Di-n-butylphthalate	18.09	149	2598506	44.747	ng	99
75) Fluoranthene	19.19	202	2604729	42.102	ng	98
77) Benzidine	19.39	184	1151111	46.940	ng	100
78) Pyrene	19.55	202	2649927	45.013	ng	99
80) Butylbenzylphthalate	20.46	149	1106179	44.035	ng	95
81) Benzo(a)anthracene	21.30	228	2639715	45.116	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	925490	41.830	ng	99
83) Chrysene	21.36	228	2512159	44.463	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1566213	43.177	ng	100
85) Di-n-octyl phthalate	22.11	149	2790460	45.738	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.88	276	3623527	55.618	ng	97
88) Benzo(b)fluoranthene	22.90	252	2903391	44.361	ng	99
89) Benzo(k)fluoranthene	22.94	252	2821296	42.773	ng	98
90) Benzo(a)pyrene	23.49	252	2881018	45.979	ng	98
91) Dibenzo(a,h)anthracene	25.89	278	3069114	48.341	ng	98
92) Benzo(g,h,i)perylene	26.59	276	3030946	49.058	ng	97

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

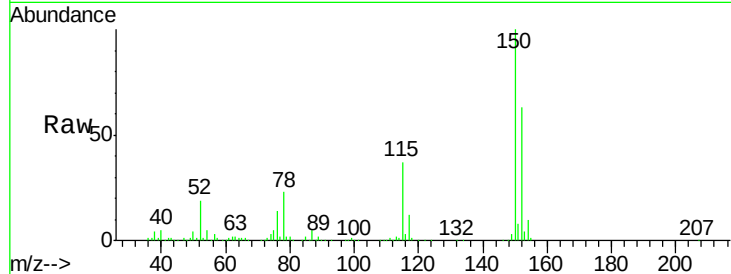


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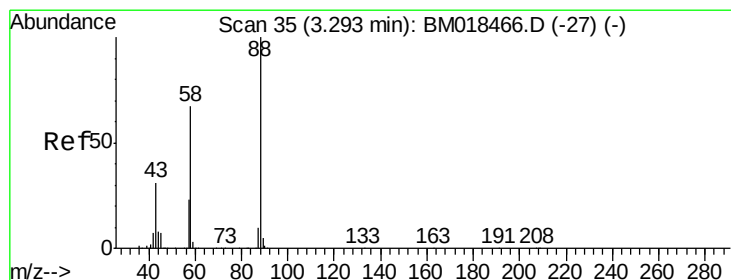
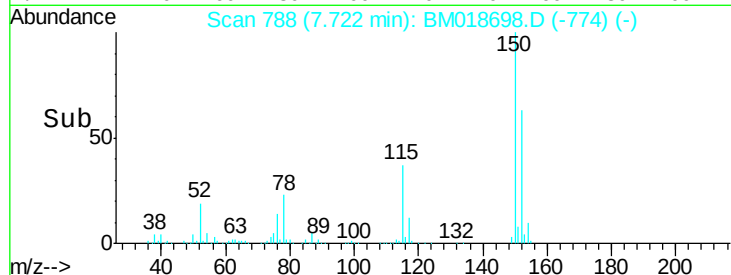
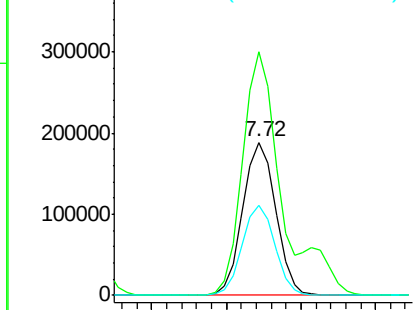
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.9	190.3
115	58.7	45.5	68.3



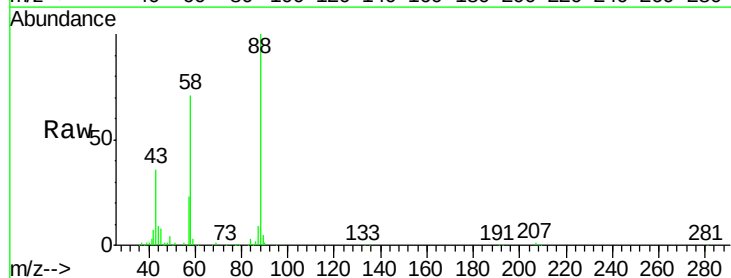
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



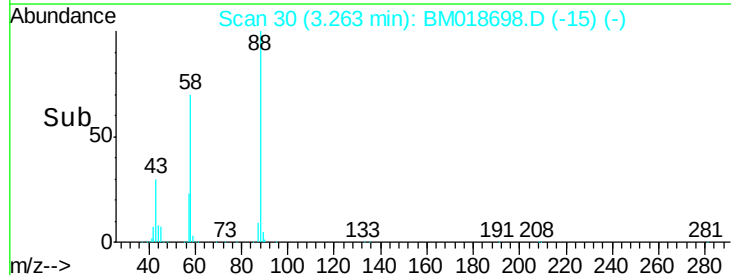
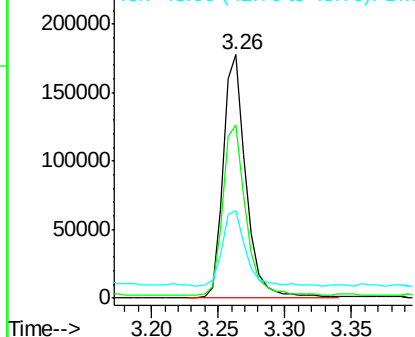
#2

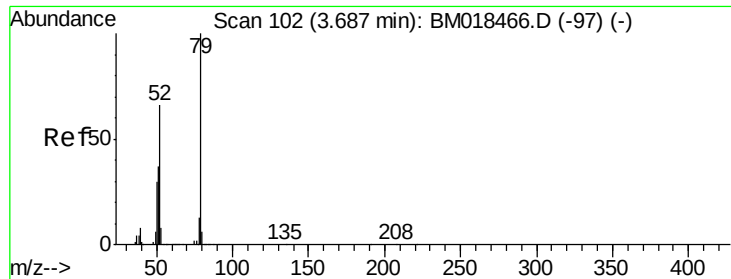
1,4-Dioxane
Concen: 33.074 ng
RT: 3.26 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	58.4	87.6
43	32.3	26.2	39.4



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

Pyridine

Concen: 33.592 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

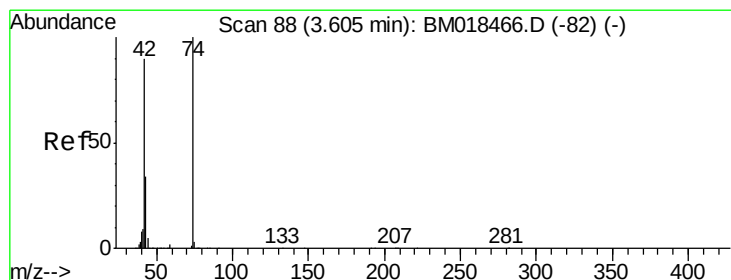
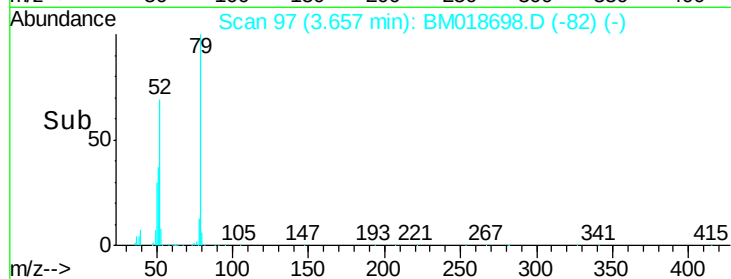
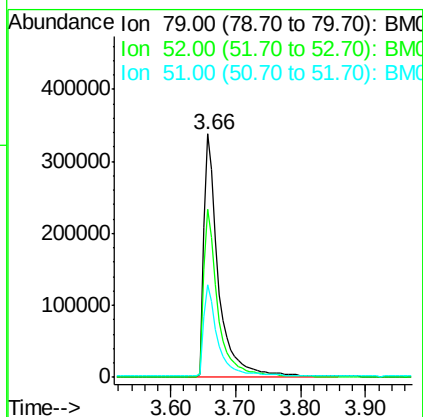
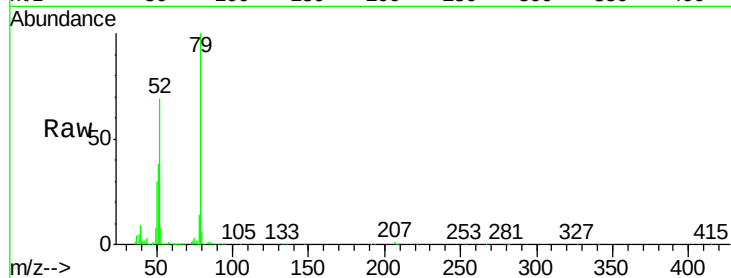
Tgt Ion: 79 Resp: 535457

Ion Ratio Lower Upper

79 100

52 69.1 56.4 84.6

51 38.0 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 46.520 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

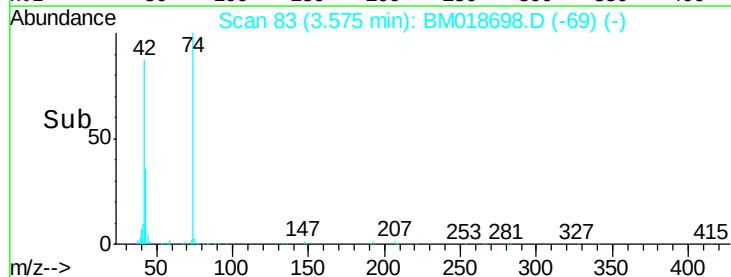
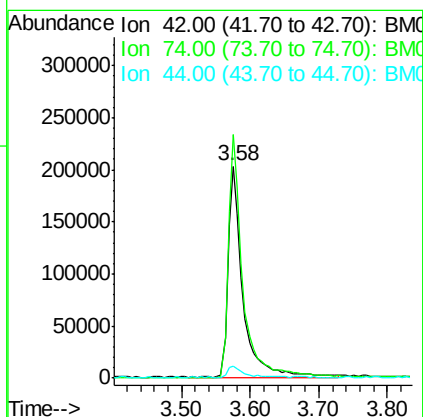
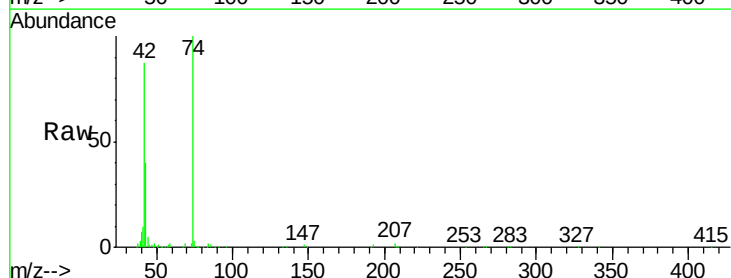
Tgt Ion: 42 Resp: 306633

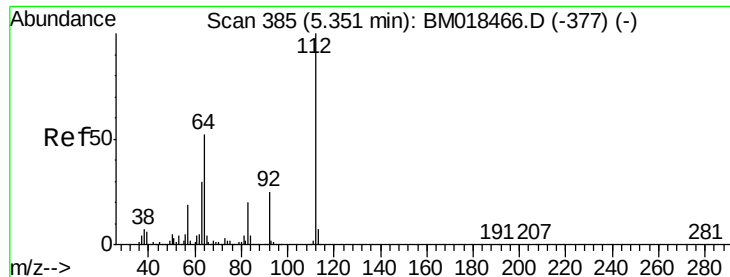
Ion Ratio Lower Upper

42 100

74 115.1 88.6 132.8

44 5.6 16.9 25.3#





#5

2-Fluorophenol

Concen: 156.729 ng

RT: 5.32 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

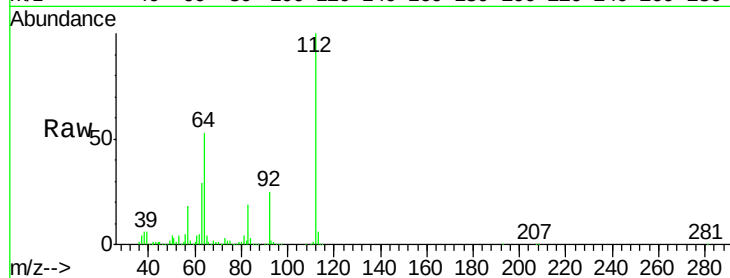
Tgt Ion: 112 Resp: 2458588

Ion Ratio Lower Upper

112 100

64 53.5 46.5 69.7

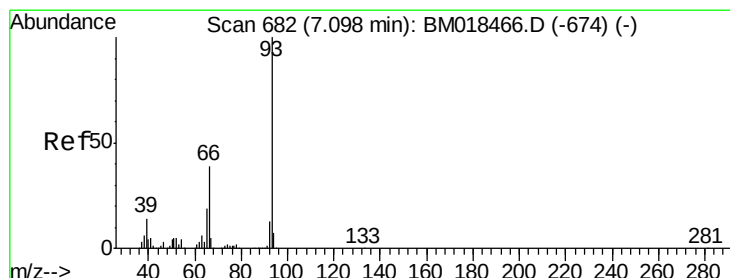
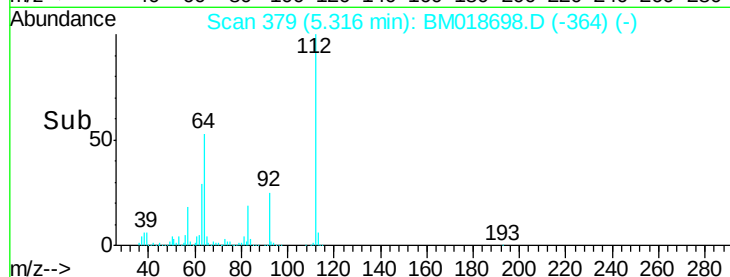
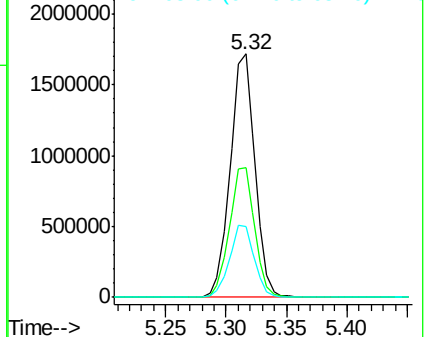
63 29.2 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 35.083 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

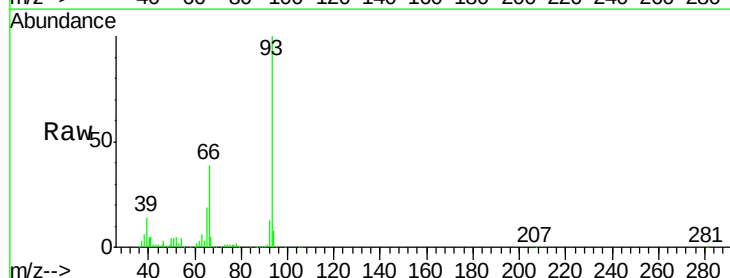
Tgt Ion: 93 Resp: 779738

Ion Ratio Lower Upper

93 100

66 39.4 31.7 47.5

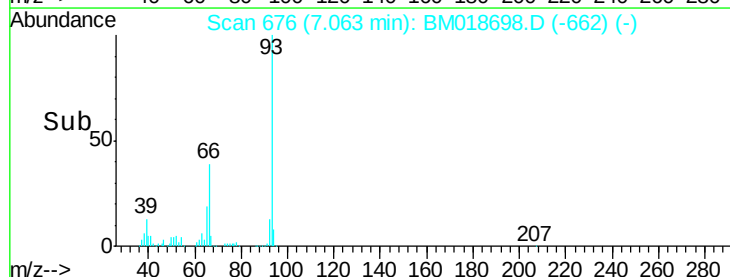
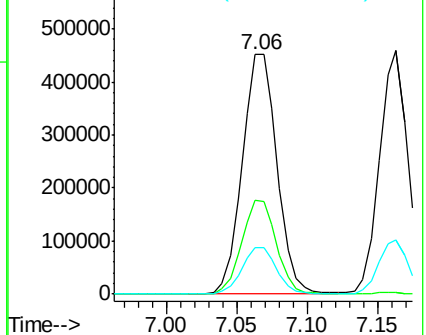
65 19.5 15.9 23.9

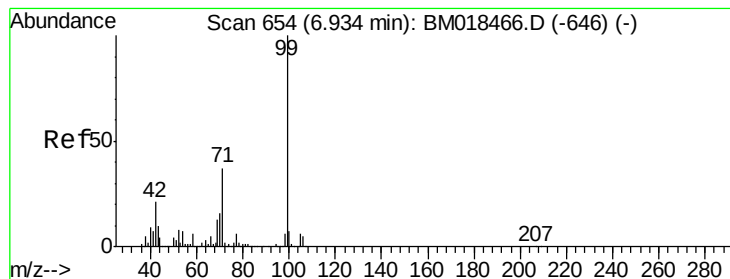


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 152.523 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

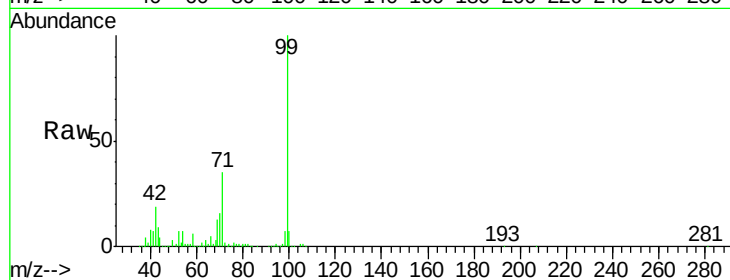
Tgt Ion: 99 Resp: 3038895

Ion Ratio Lower Upper

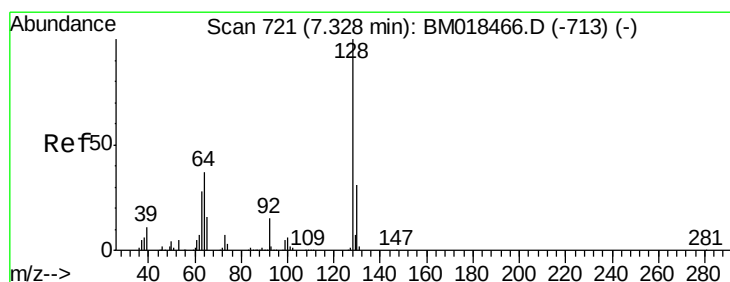
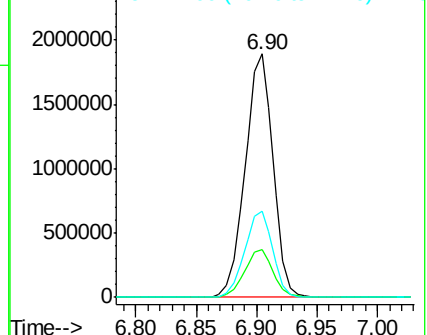
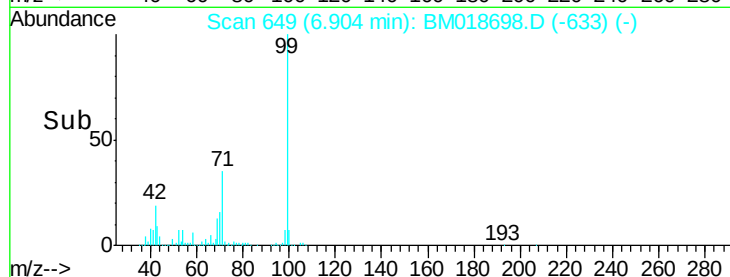
99 100

42 19.4 17.3 25.9

71 35.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018698.D (-633) (-)



#8

2-Chlorophenol

Concen: 43.045 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

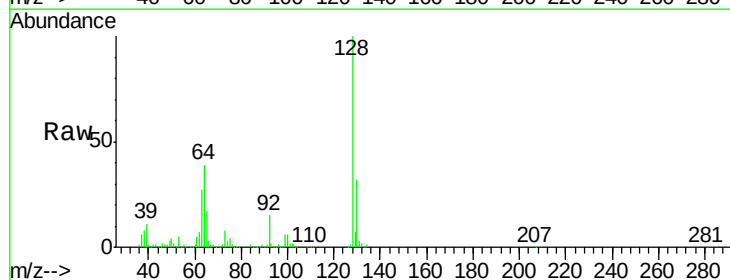
Tgt Ion: 128 Resp: 788622

Ion Ratio Lower Upper

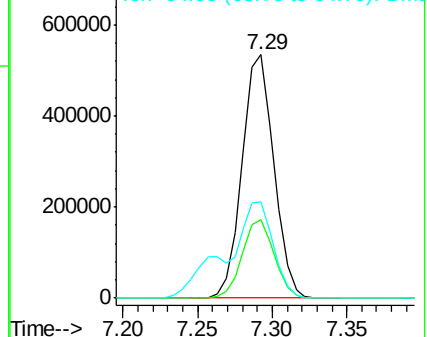
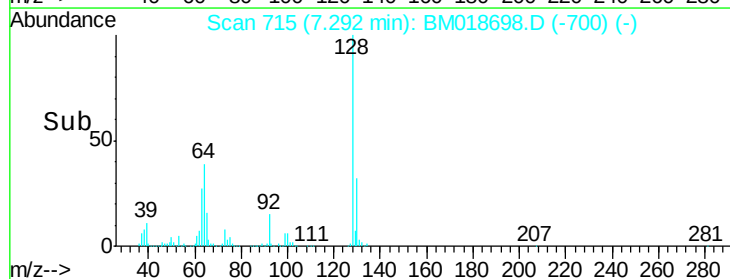
128 100

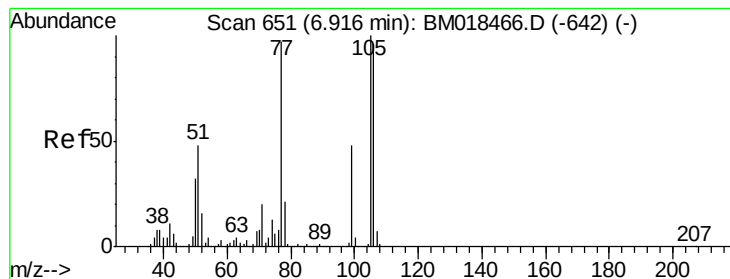
130 32.3 13.6 53.6

64 39.4 24.8 64.8



Abundance Ion 128.00 (127.70 to 128.70): BM018698.D (-700) (-)





#9

Benzaldehyde

Concen: 45.554 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

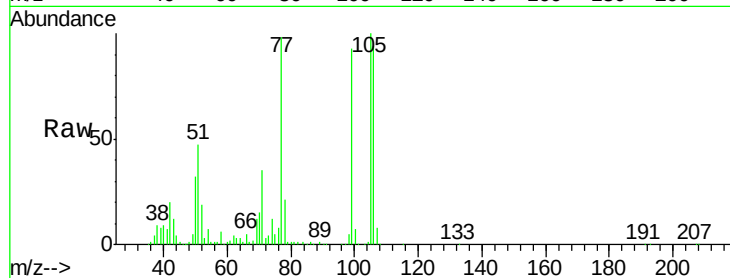
Tgt Ion: 77 Resp: 501658

Ion Ratio Lower Upper

77 100

105 102.3 79.7 119.7

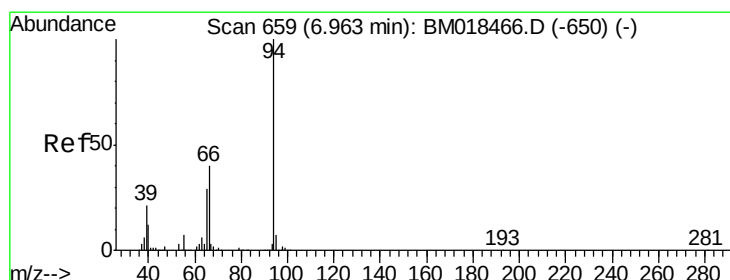
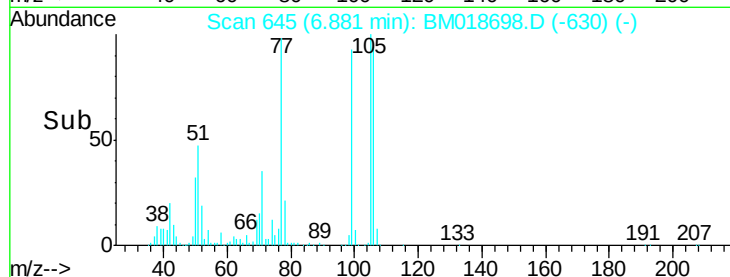
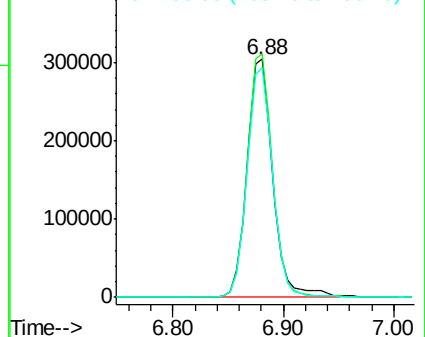
106 96.2 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018698.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM018698.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM018698.D (-630) (-)



#10

Phenol

Concen: 45.985 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

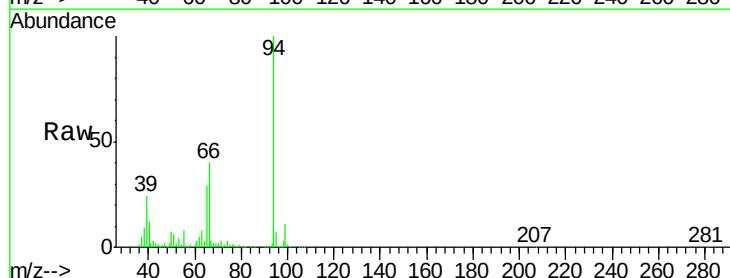
Tgt Ion: 94 Resp: 931027

Ion Ratio Lower Upper

94 100

65 29.2 9.4 49.4

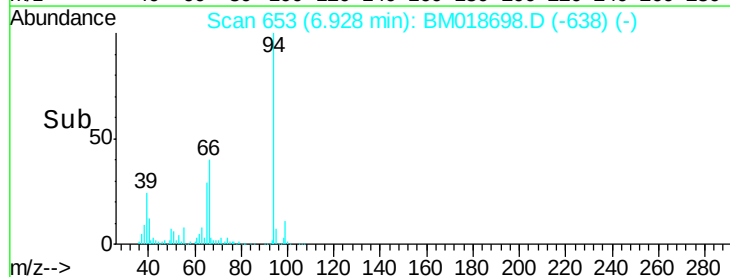
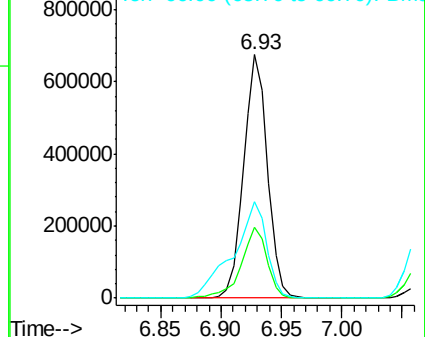
66 39.9 19.1 59.1

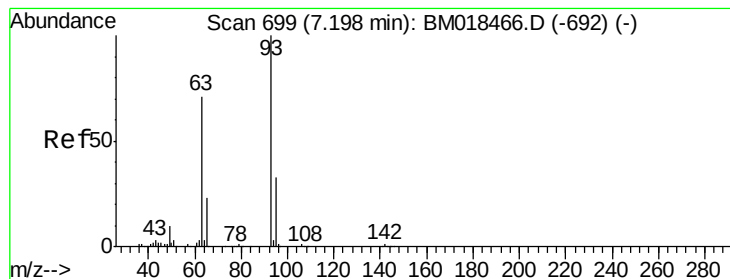


Abundance Ion 94.00 (93.70 to 94.70): BM018698.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018698.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018698.D (-638) (-)





#11

bis(2-Chloroethyl)ether

Concen: 40.434 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

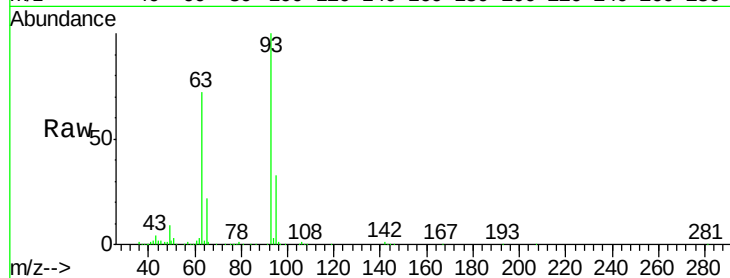
Tgt Ion: 93 Resp: 643243

Ion Ratio Lower Upper

93 100

63 71.7 56.4 96.4

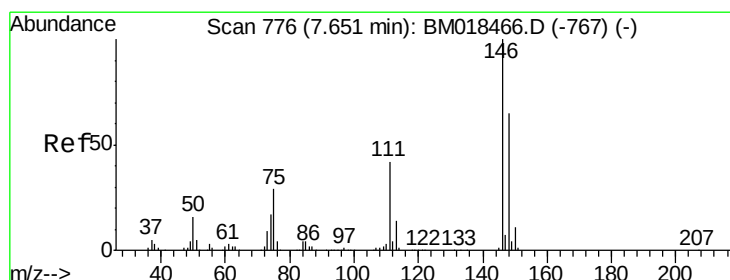
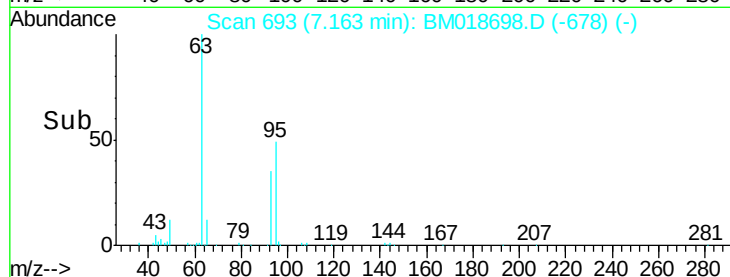
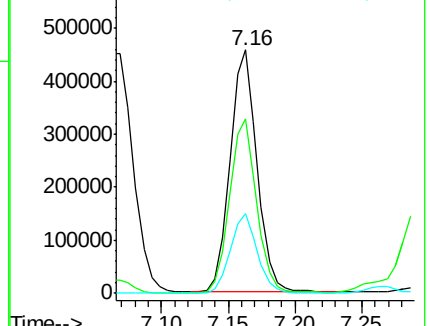
95 32.8 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BM018466.D (-692) (-)

Ion 63.00 (62.70 to 63.70): BM018466.D (-692) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-692) (-)



#12

1,3-Dichlorobenzene

Concen: 39.165 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

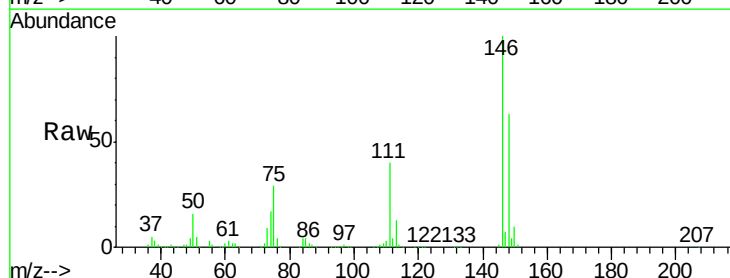
Tgt Ion: 146 Resp: 854517

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

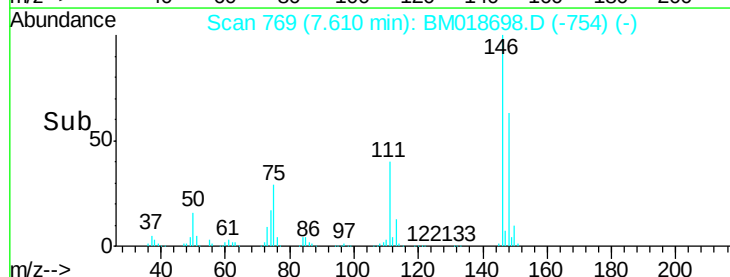
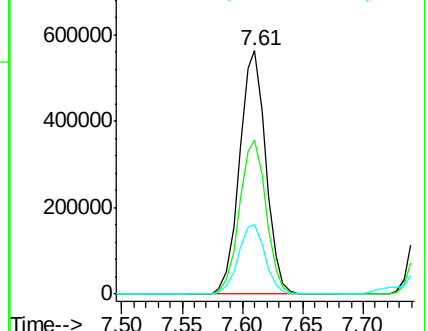
75 28.8 23.0 34.6

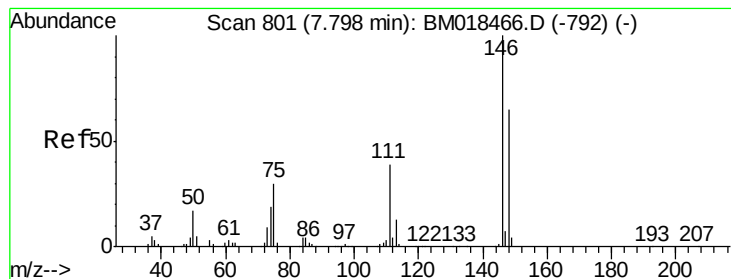


Abundance Ion 146.00 (145.70 to 146.70): BM018466.D (-767) (-)

Ion 148.00 (147.70 to 148.70): BM018466.D (-767) (-)

Ion 75.00 (74.70 to 75.70): BM018466.D (-767) (-)





#13

1,4-Dichlorobenzene

Concen: 39.516 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

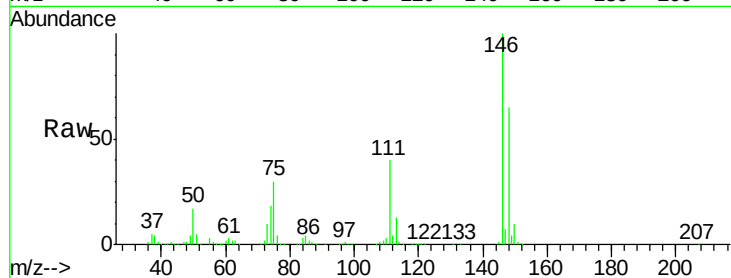
Tgt Ion:146 Resp: 873860

Ion Ratio Lower Upper

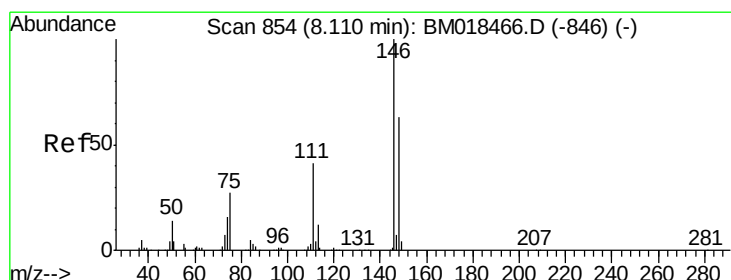
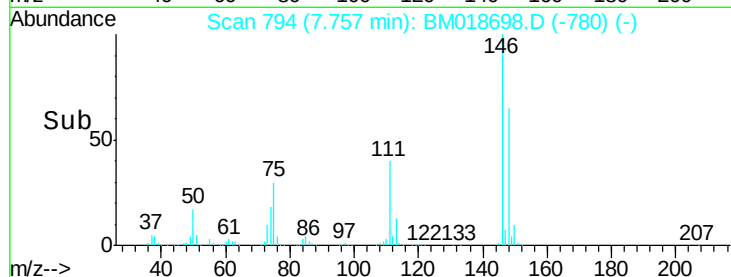
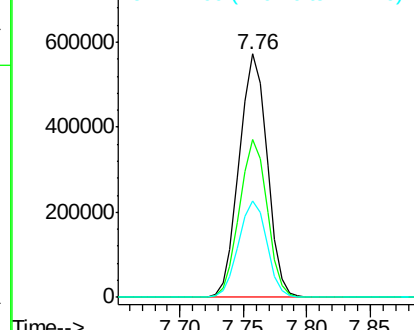
146 100

148 65.0 50.8 76.2

111 39.8 32.2 48.2



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



#14

1,2-Dichlorobenzene

Concen: 39.752 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

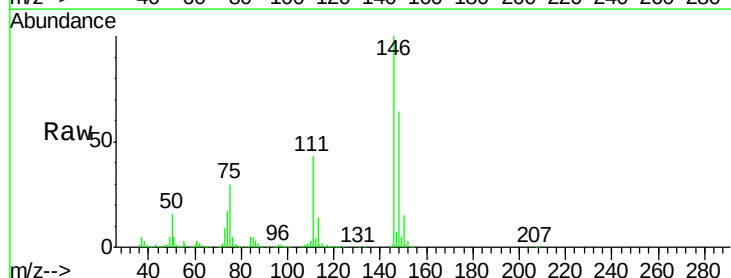
Tgt Ion:146 Resp: 833571

Ion Ratio Lower Upper

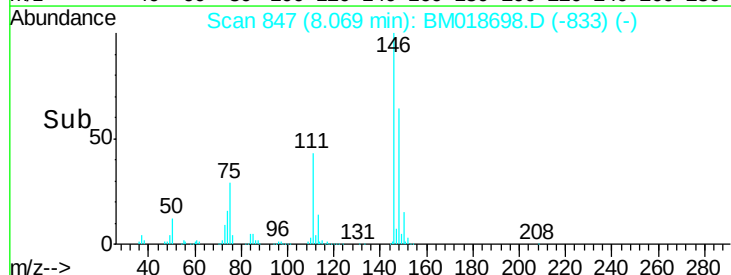
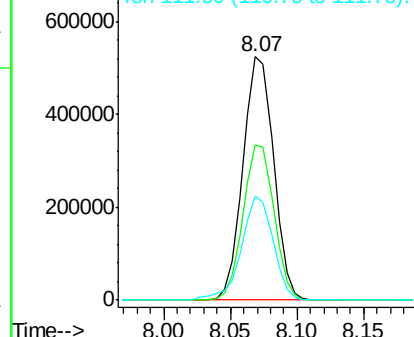
146 100

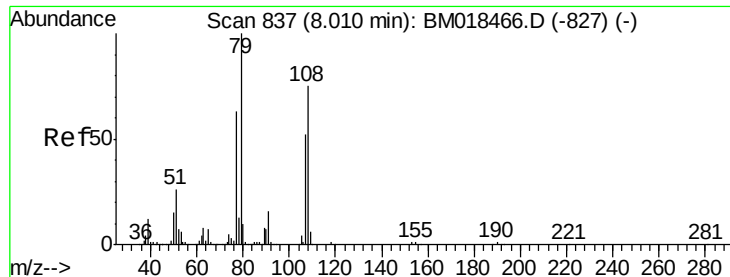
148 64.0 51.0 76.6

111 42.7 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.448 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

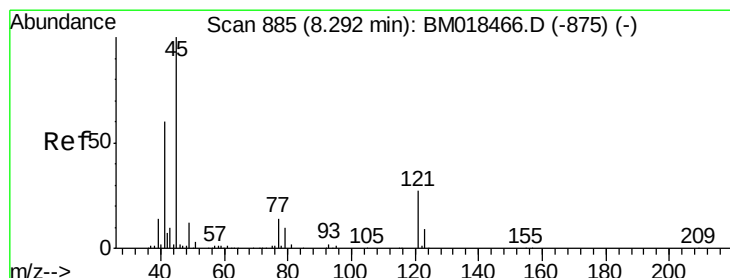
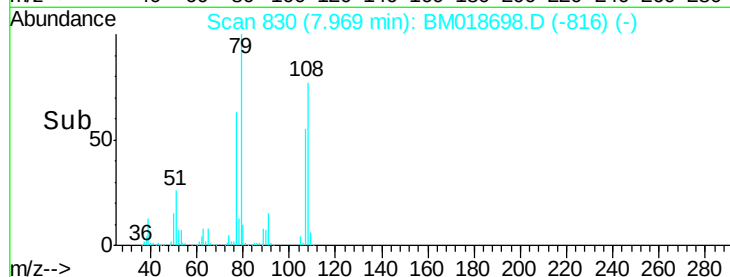
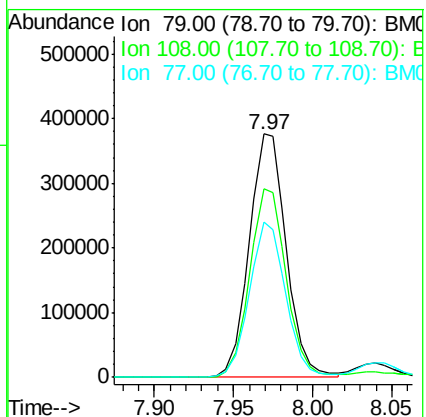
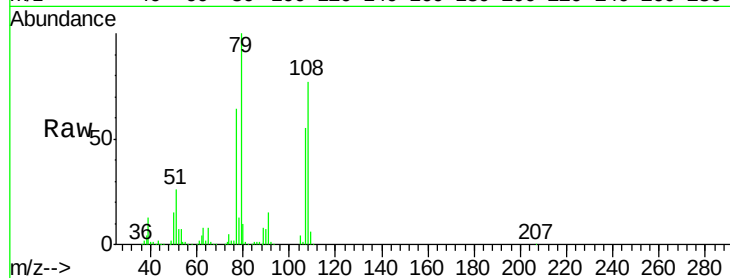
Tgt Ion: 79 Resp: 610849

Ion Ratio Lower Upper

79 100

108 77.4 60.4 90.6

77 63.6 53.4 80.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.148 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

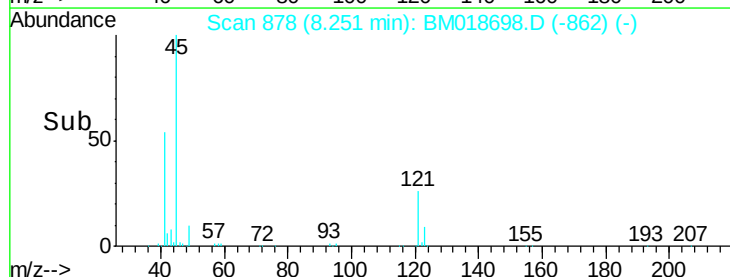
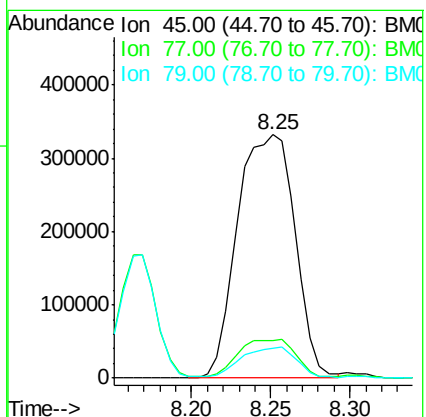
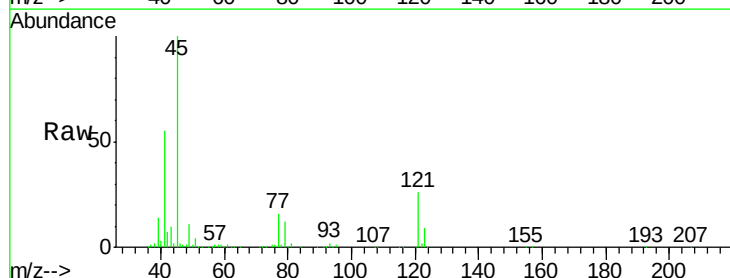
Tgt Ion: 45 Resp: 836549

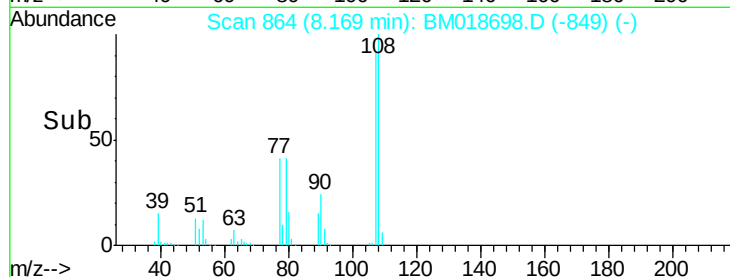
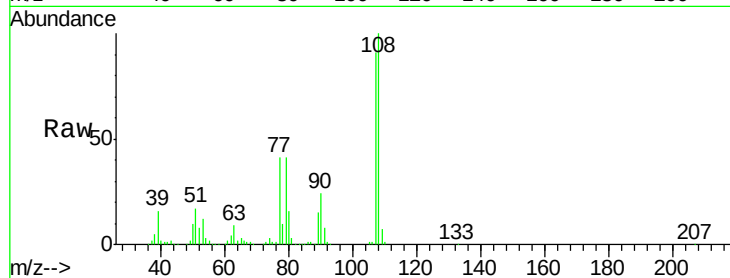
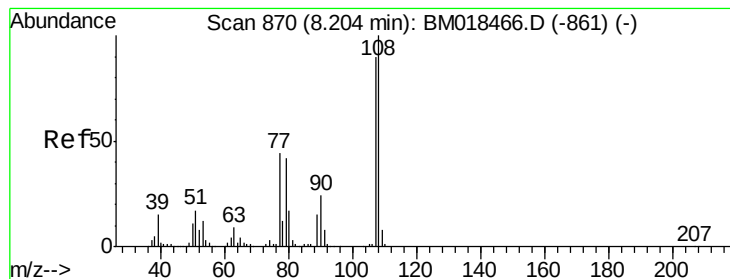
Ion Ratio Lower Upper

45 100

77 15.5 0.0 33.4

79 12.2 0.0 31.1





#17

2-Methylphenol

Concen: 42.631 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

Tgt Ion:107 Resp: 585883

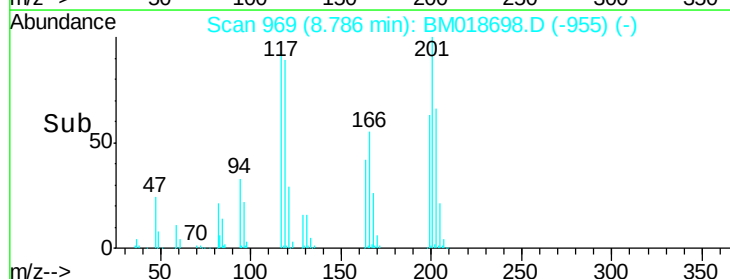
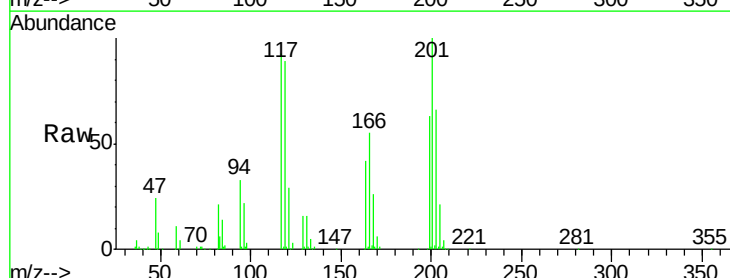
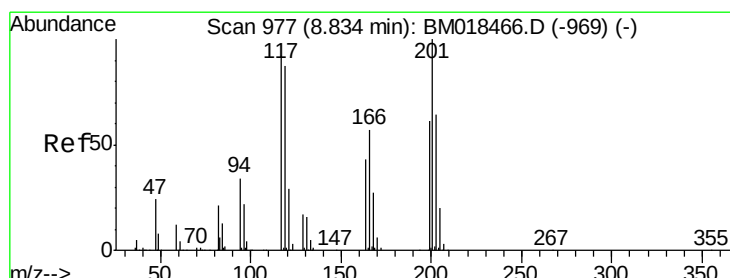
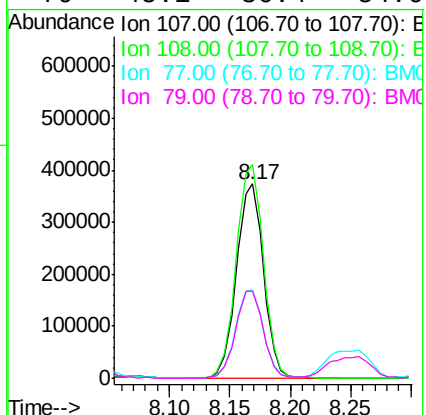
Ion Ratio Lower Upper

107 100

108 110.0 87.5 131.3

77 45.2 37.3 55.9

79 45.1 36.4 54.6



#18

Hexachloroethane

Concen: 38.438 ng

RT: 8.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

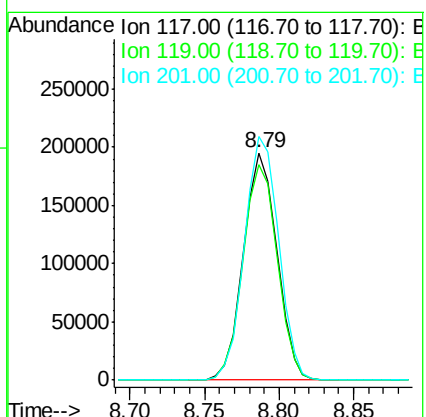
Tgt Ion:117 Resp: 303081

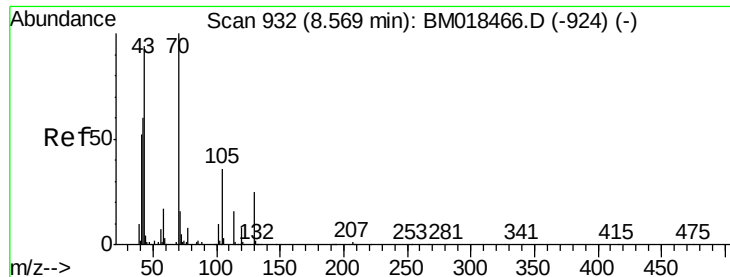
Ion Ratio Lower Upper

117 100

119 95.0 78.3 117.5

201 107.1 81.4 122.0

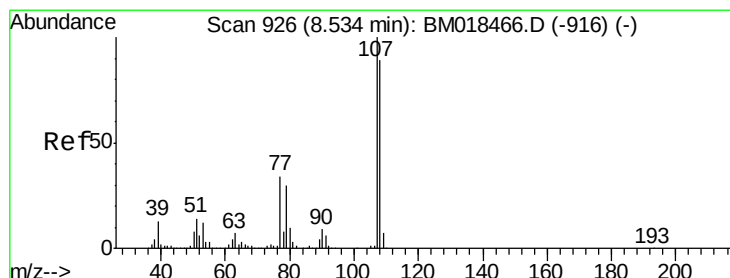
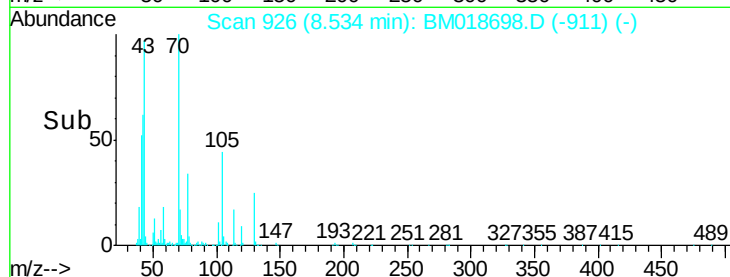
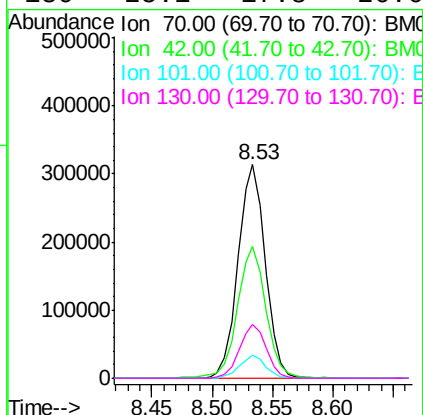
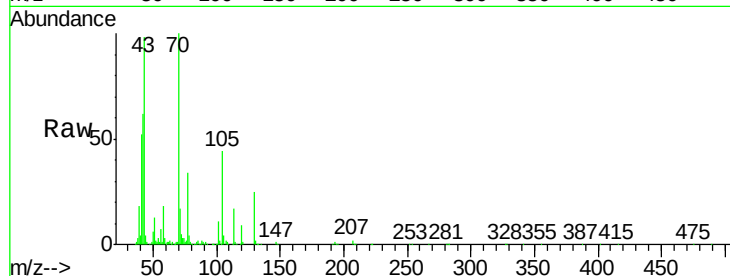




#19
 n-Nitroso-di-n-propylamine
 Concen: 38.074 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

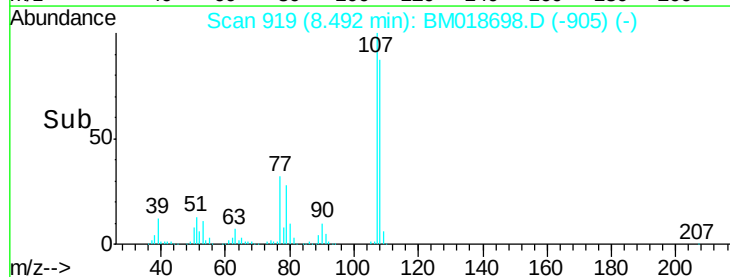
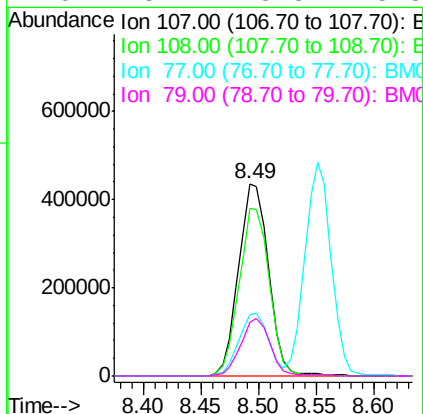
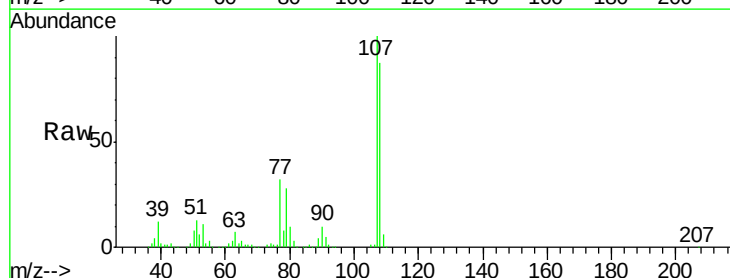
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

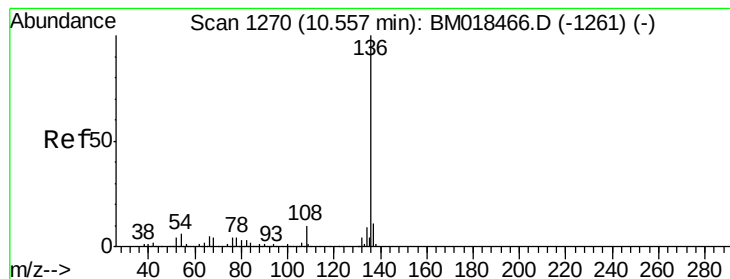
Tgt Ion:	70	Resp:	493673
Ion	Ratio	Lower	Upper
70	100		
42	62.0	54.0	81.0
101	10.7	8.1	12.1
130	25.1	17.8	26.6



#20
 3+4-Methylphenols
 Concen: 41.669 ng
 RT: 8.49 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Tgt Ion:	107	Resp:	790541
Ion	Ratio	Lower	Upper
107	100		
108	87.3	66.8	106.8
77	32.0	13.3	53.3
79	28.2	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

Tgt Ion:136 Resp: 1076618

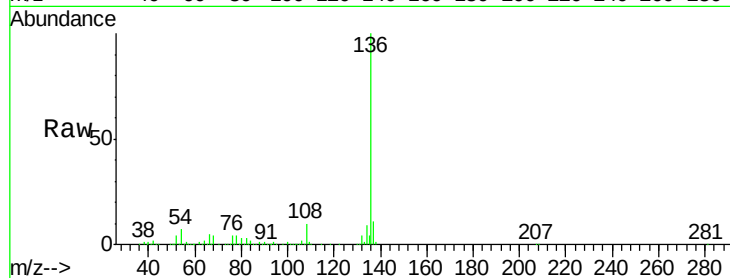
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.0 6.0 9.0

68 4.4 4.5 6.7#

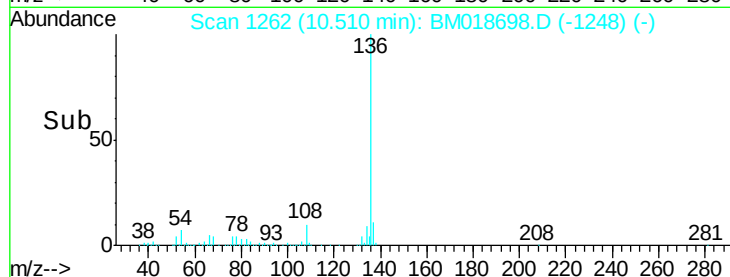


Abundance Ion 136.00 (135.70 to 136.70): E

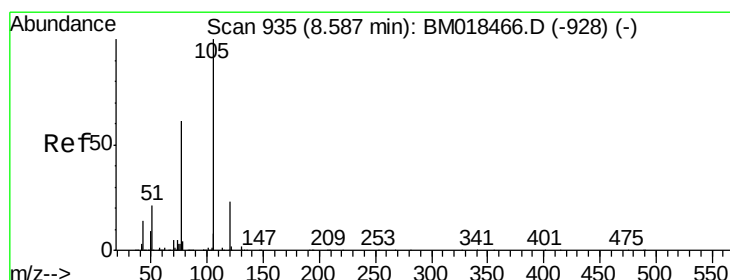
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



Time-->



#22

Acetophenone

Concen: 38.880 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Tgt Ion:105 Resp: 1035476

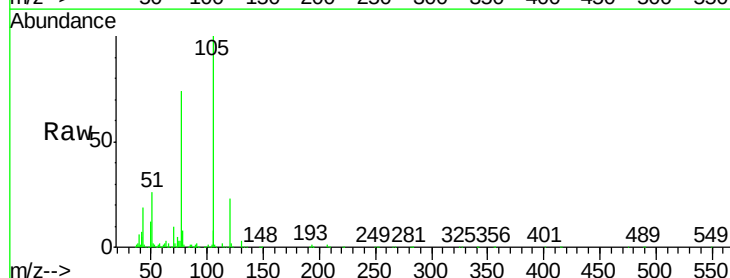
Ion Ratio Lower Upper

105 100

71 1.6 1.7 2.5#

51 26.4 22.6 34.0

120 23.2 18.3 27.5

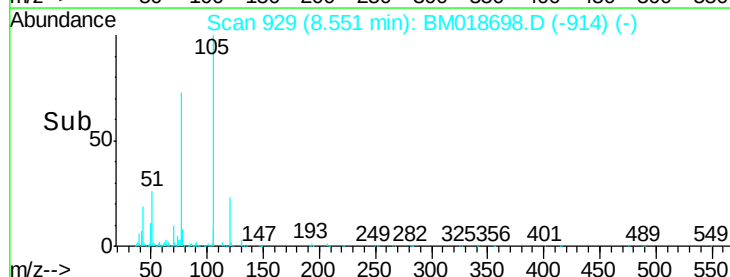


Abundance Ion 105.00 (104.70 to 105.70): E

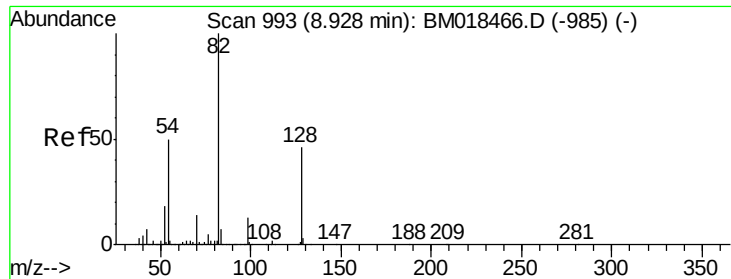
Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



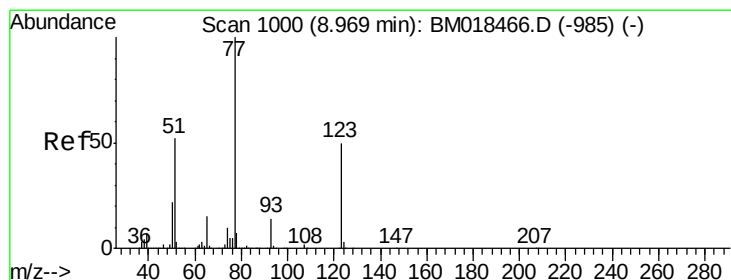
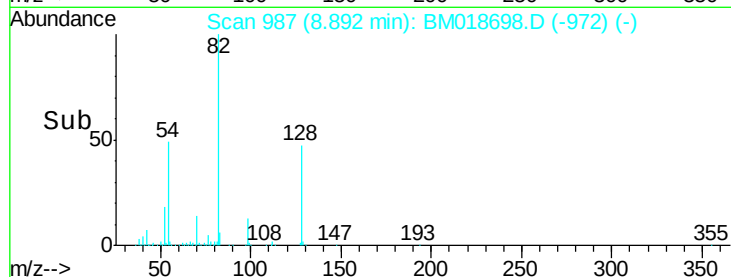
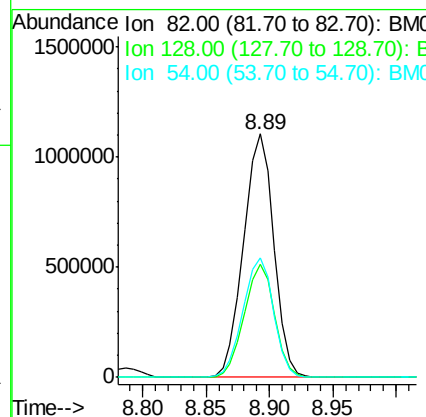
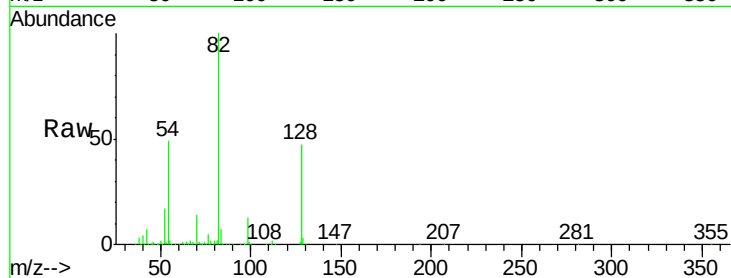
Time-->



#23
 Nitrobenzene-d5
 Concen: 98.869 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

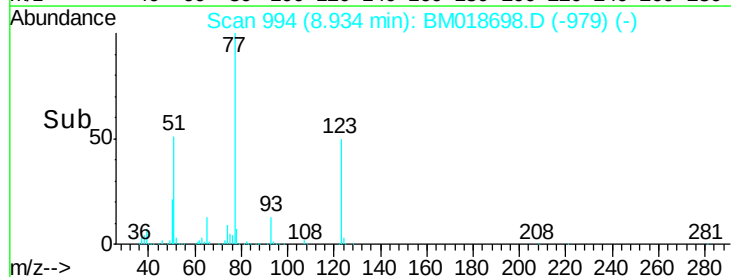
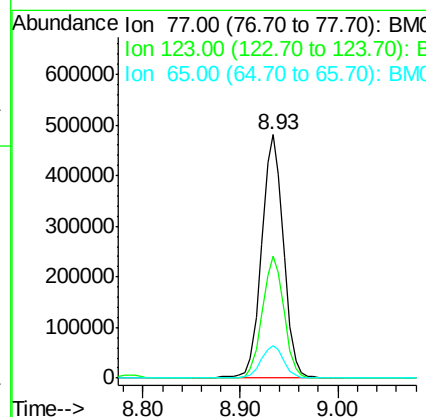
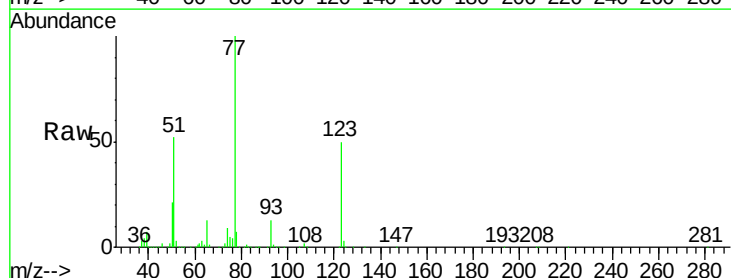
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

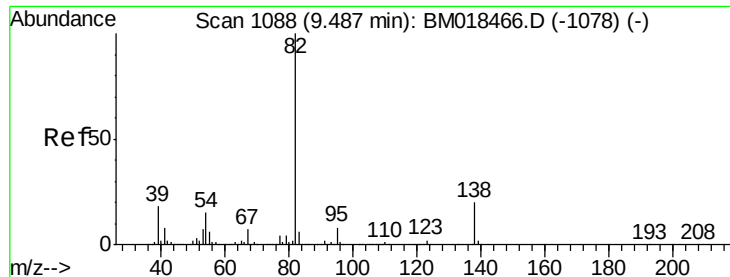
Tgt Ion: 82 Resp: 1836156
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.3 54.5
 54 48.8 41.7 62.5



#24
 Nitrobenzene
 Concen: 41.403 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Tgt Ion: 77 Resp: 756576
 Ion Ratio Lower Upper
 77 100
 123 50.1 37.7 56.5
 65 13.4 11.0 16.6





#25

Isophorone

Concen: 45.719 ng

RT: 9.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

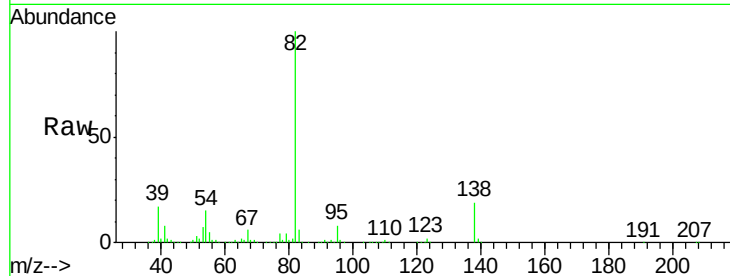
Tgt Ion: 82 Resp: 1285746

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

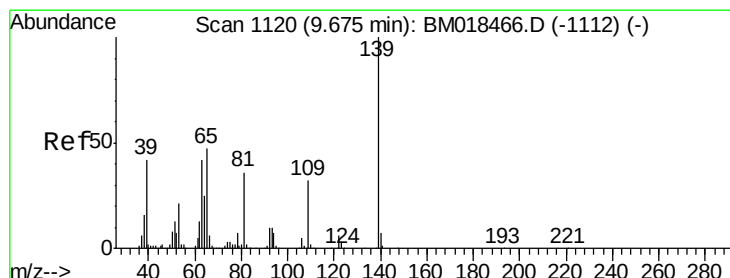
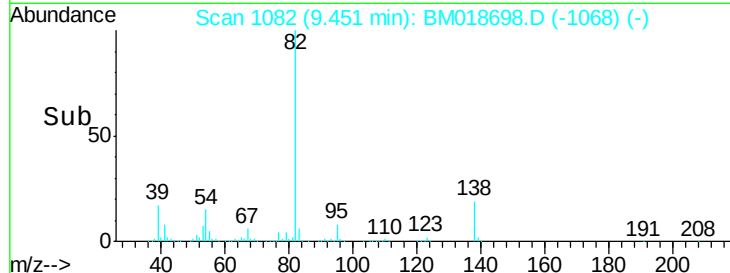
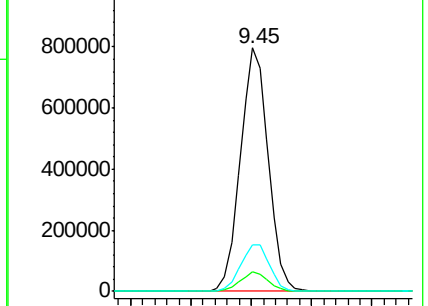
138 19.0 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 46.369 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

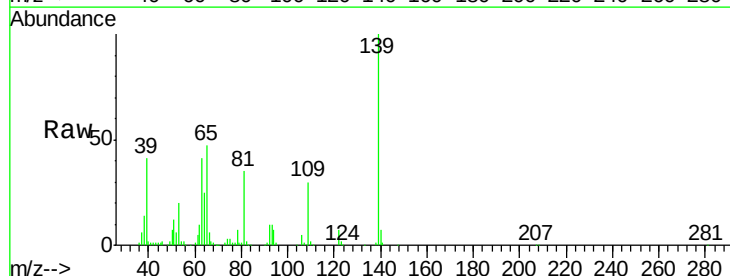
Tgt Ion: 139 Resp: 409706

Ion Ratio Lower Upper

139 100

109 30.1 23.4 35.2

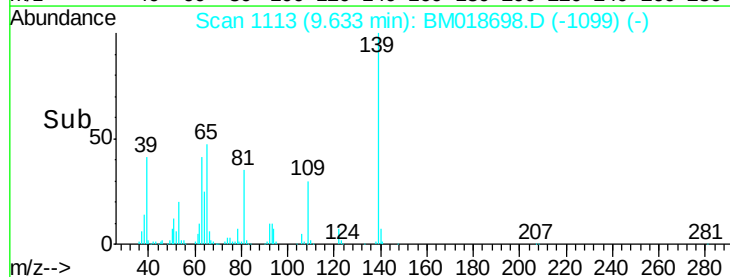
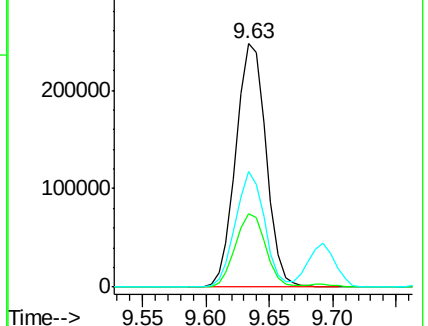
65 47.3 39.4 59.2

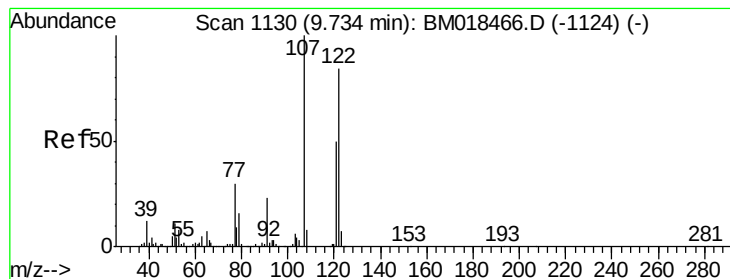


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)





#27

2,4-Dimethylphenol

Concen: 48.279 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

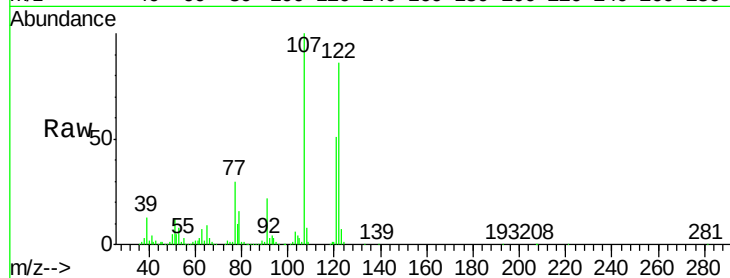
Tgt Ion:122 Resp: 639400

Ion Ratio Lower Upper

122 100

107 116.5 91.9 137.9

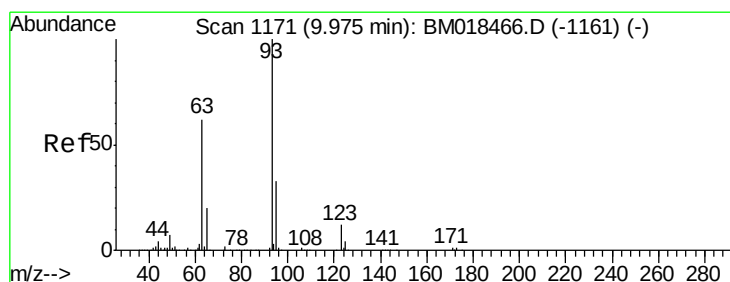
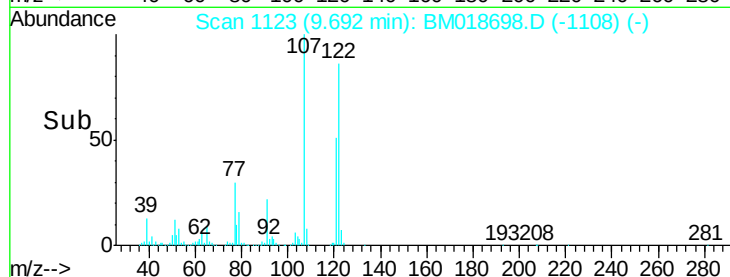
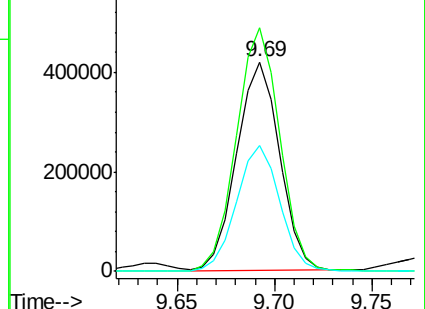
121 59.9 47.5 71.3



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: 42.669 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

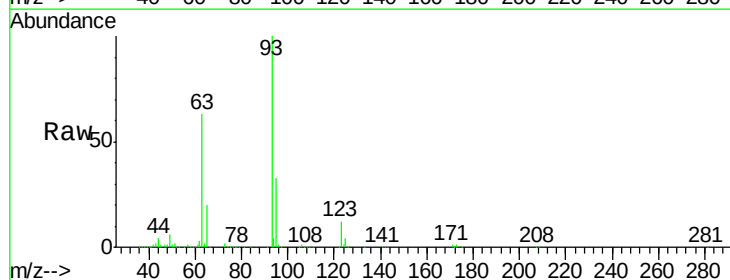
Tgt Ion: 93 Resp: 828952

Ion Ratio Lower Upper

93 100

95 32.5 26.6 39.8

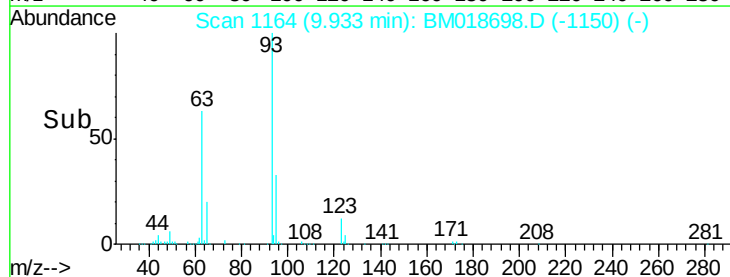
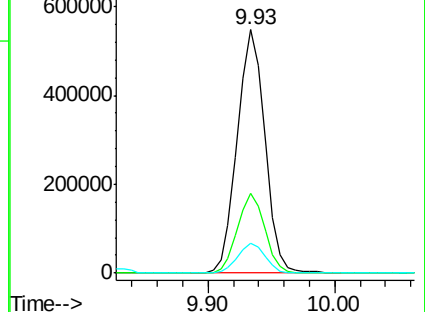
123 12.2 9.9 14.9

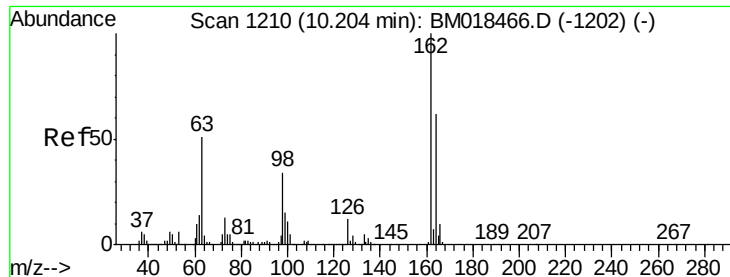


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

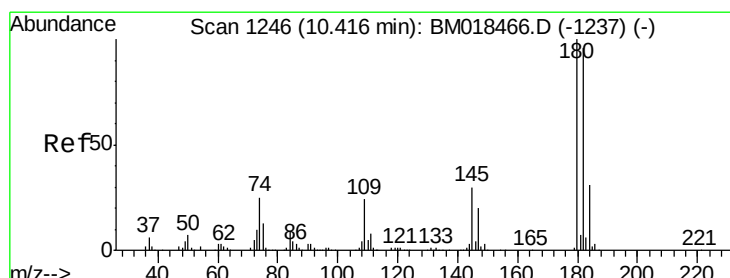
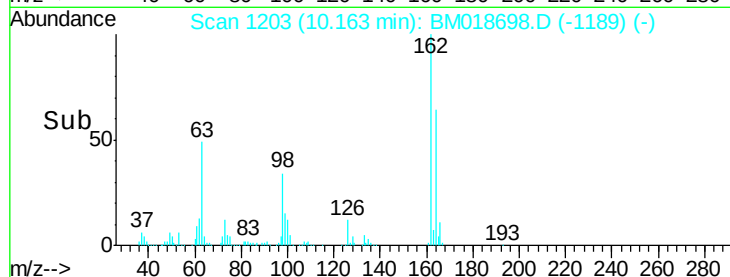
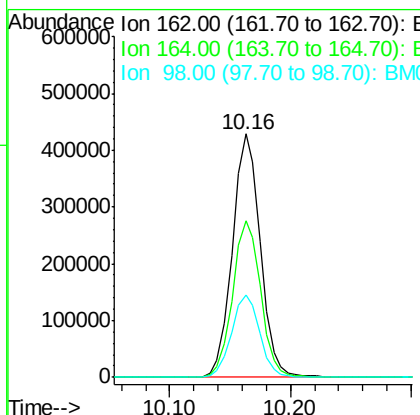
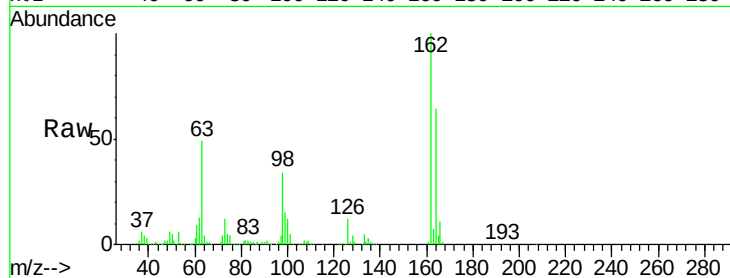




#29
 2,4-Dichlorophenol
 Concen: 43.864 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

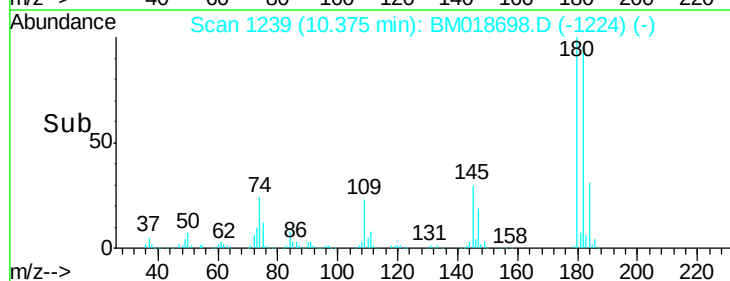
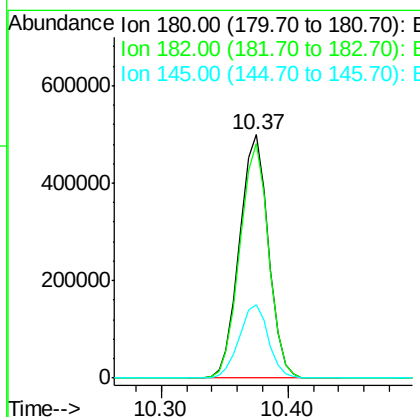
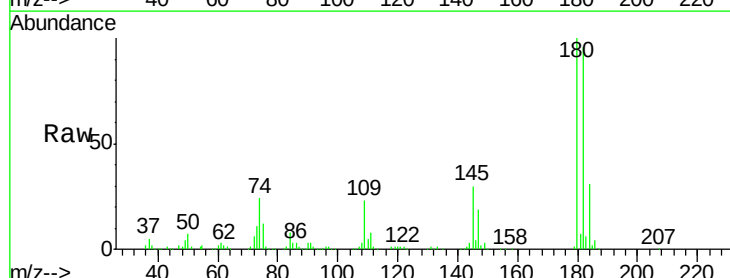
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

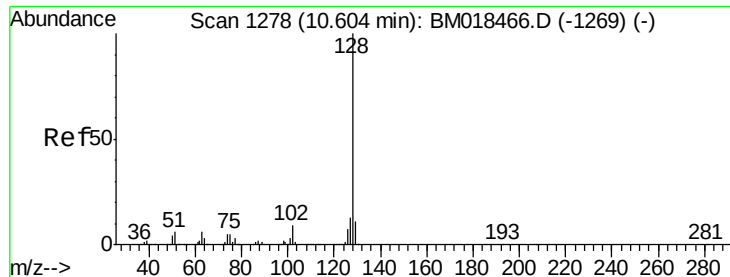
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.6	85.6
98	33.8	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 40.260 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.4	116.2
145	30.2	24.6	37.0

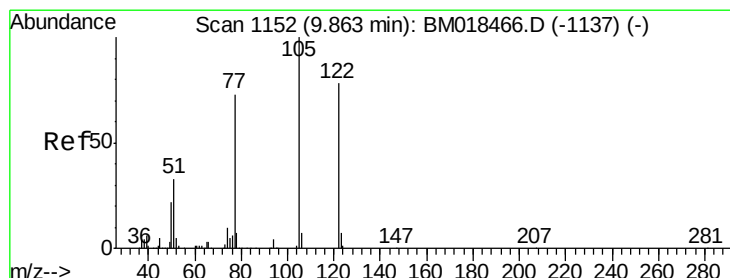
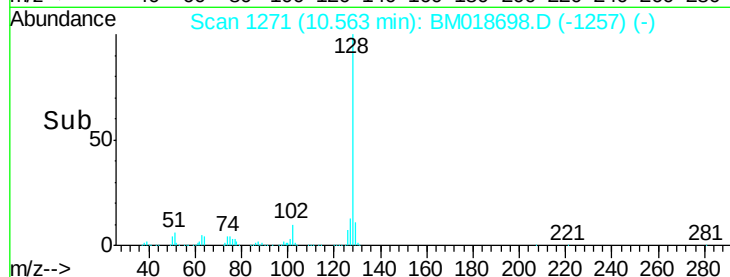
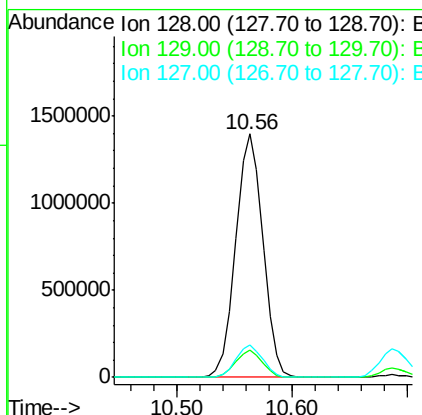
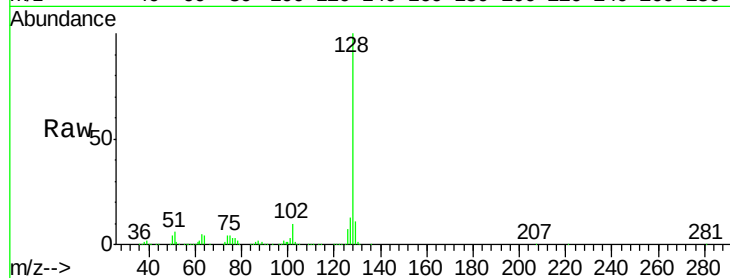




#31
Naphthalene
Concen: 43.844 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

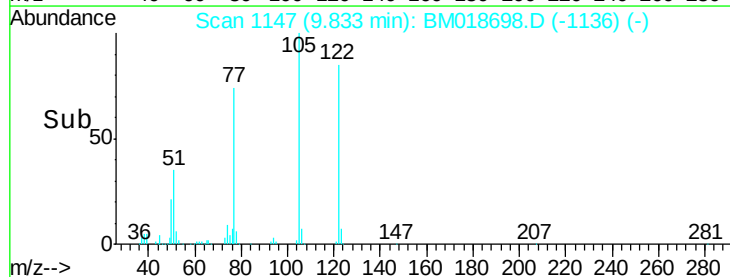
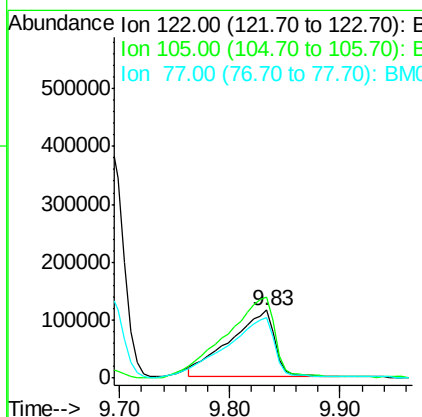
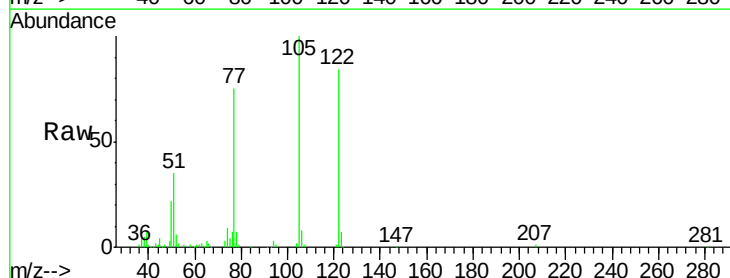
Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

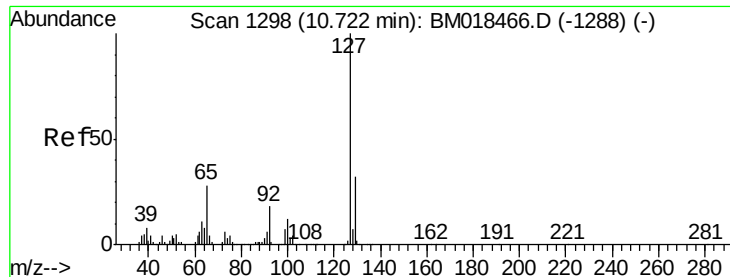
Tgt Ion:128 Resp: 2273327
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 37.959 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Tgt Ion:122 Resp: 324454
Ion Ratio Lower Upper
122 100
105 119.0 100.4 140.4
77 89.2 71.7 111.7

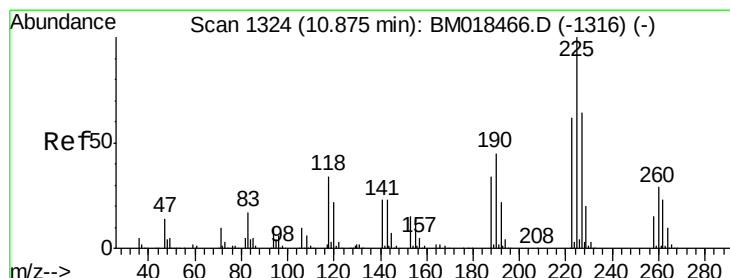
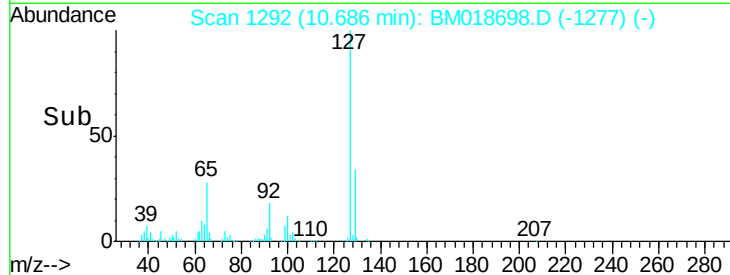
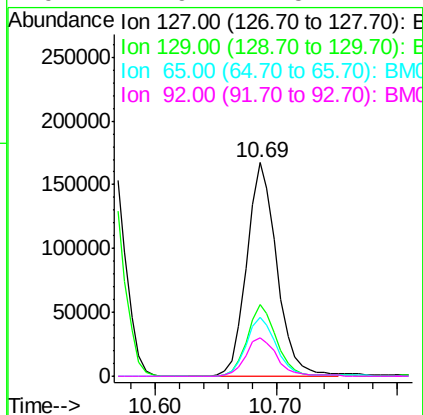
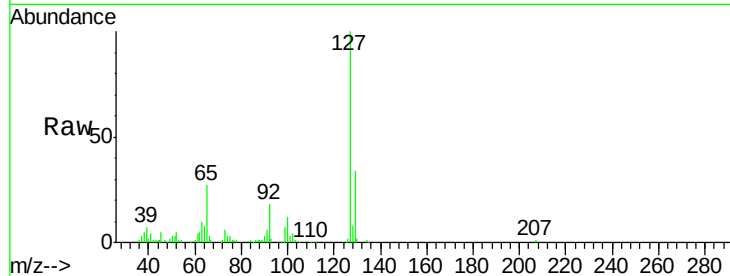




#33
4-Chloroaniline
Concen: 14.295 ng
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

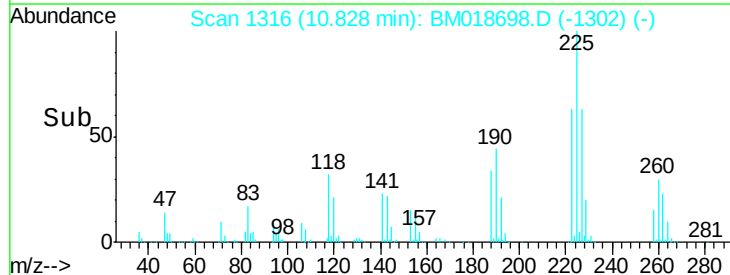
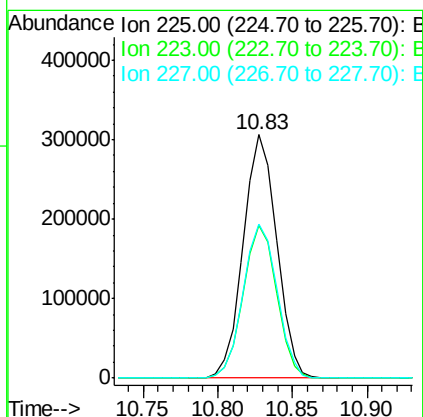
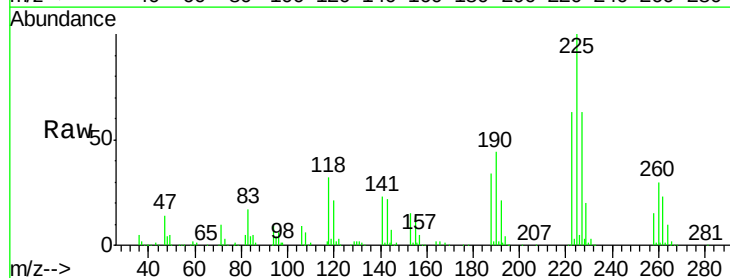
Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

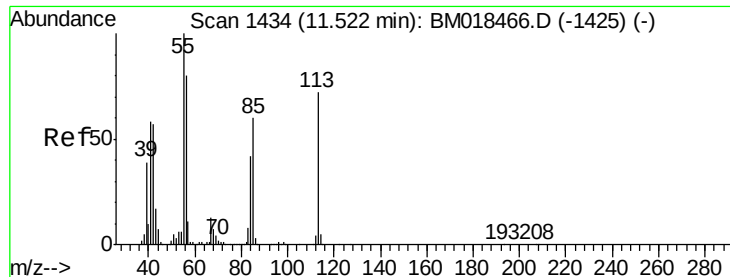
Tgt Ion:	127	Resp:	291902
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.9	38.9
65	27.4	23.4	35.2
92	17.9	14.5	21.7



#34
Hexachlorobutadiene
Concen: 38.555 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Tgt Ion:	225	Resp:	476771
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.8	76.2
227	63.2	50.4	75.6

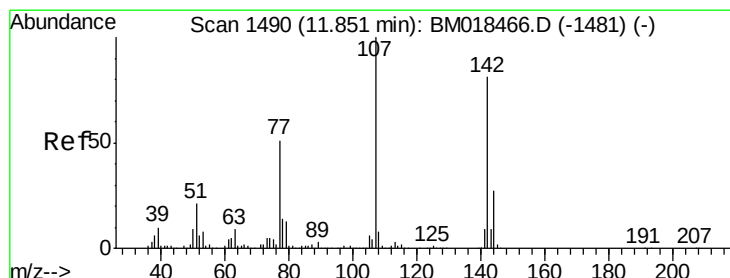
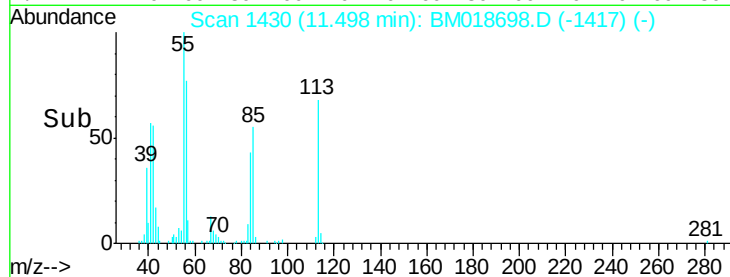
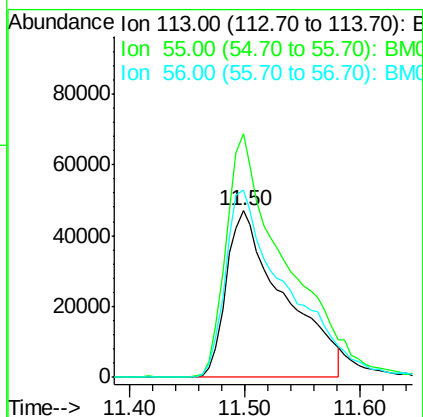
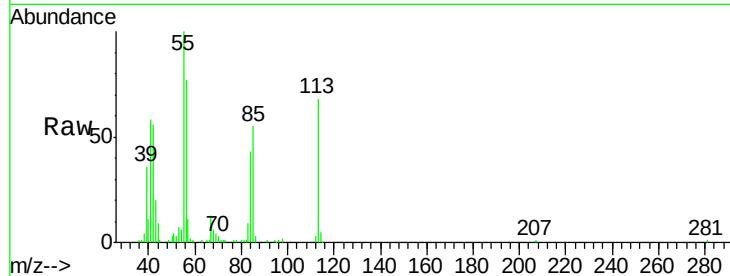




#35
 Caprolactam
 Concen: 30.267 ng
 RT: 11.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

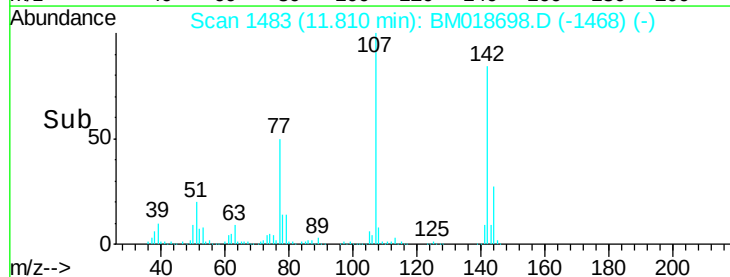
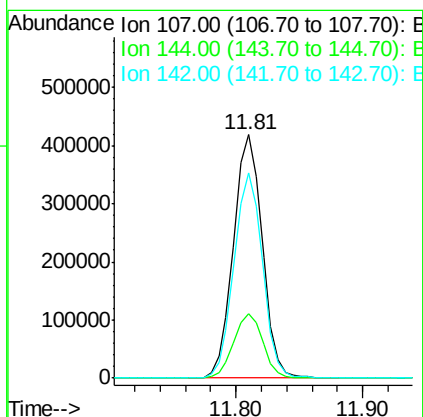
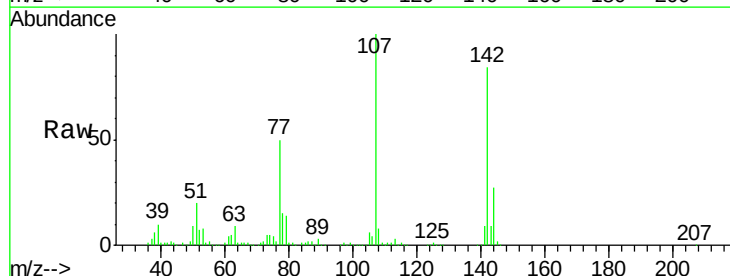
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

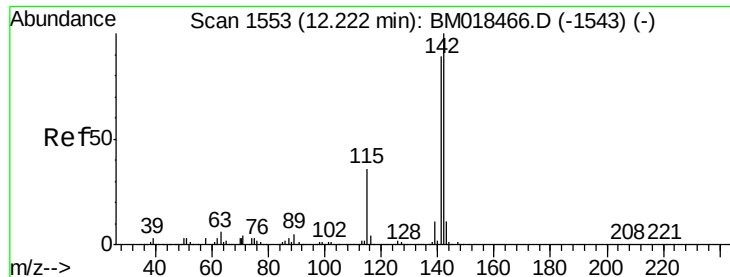
Tgt Ion:113 Resp: 162280
 Ion Ratio Lower Upper
 113 100
 55 146.2 139.3 179.3
 56 112.7 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.874 ng
 RT: 11.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Tgt Ion:107 Resp: 659712
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.9 32.9
 142 84.1 67.9 101.9

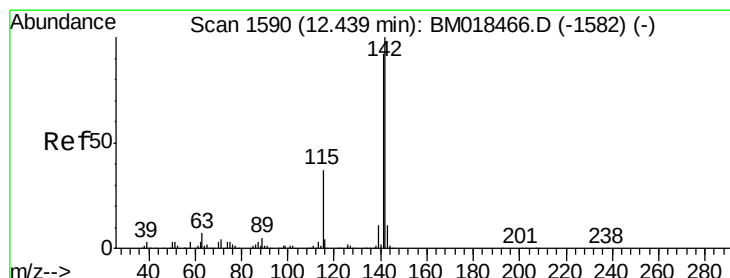
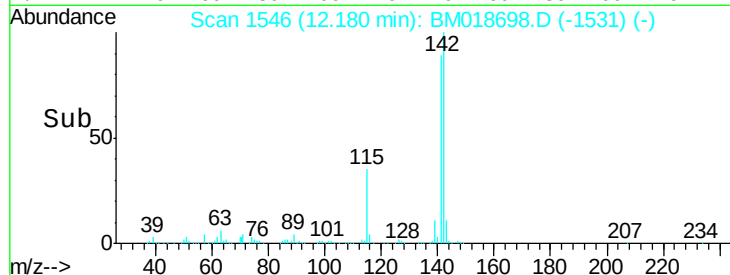
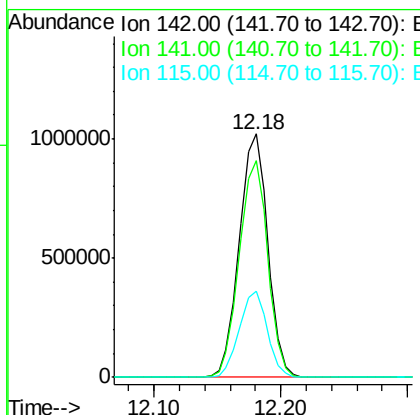
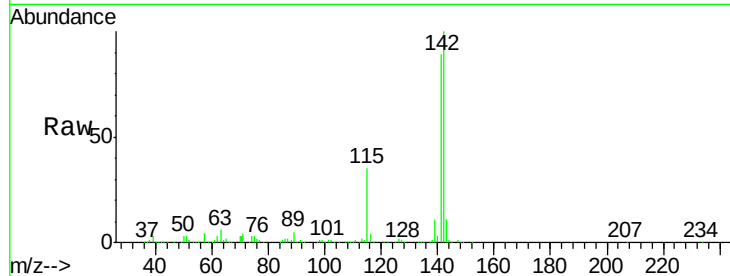




#37
2-Methylnaphthalene
Concen: 43.373 ng
RT: 12.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

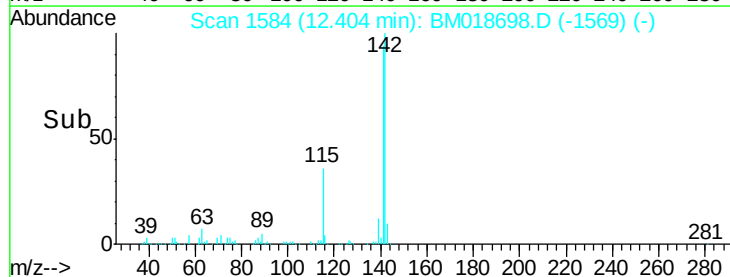
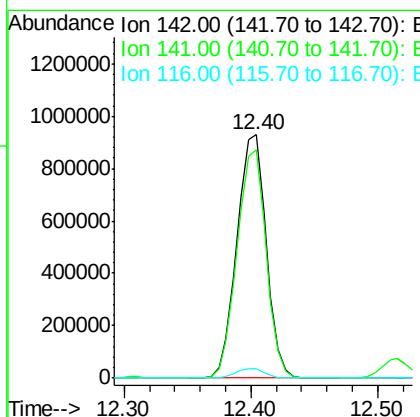
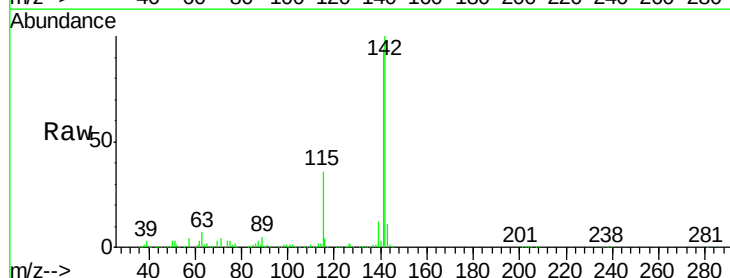
Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

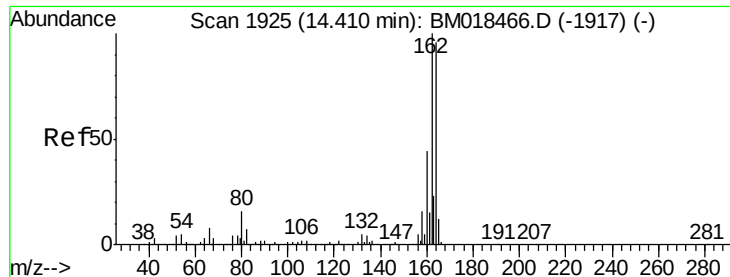
Tgt Ion:142 Resp: 1588921
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2
115 35.5 28.0 42.0



#38
1-Methylnaphthalene
Concen: 41.791 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Tgt Ion:142 Resp: 1481349
Ion Ratio Lower Upper
142 100
141 93.8 75.6 113.4
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

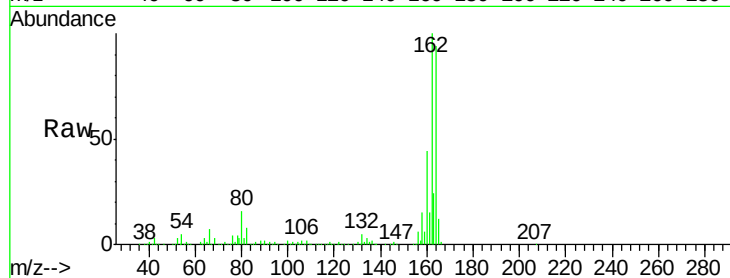
Tgt Ion:164 Resp: 524878

Ion Ratio Lower Upper

164 100

162 105.9 83.0 124.4

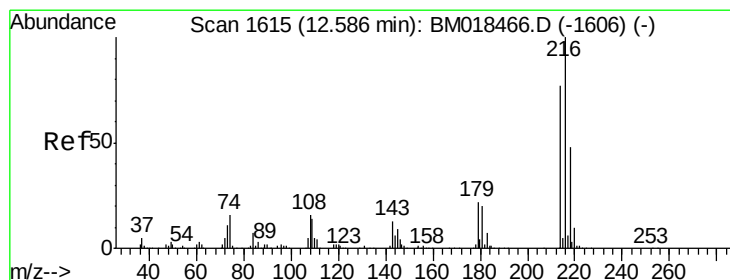
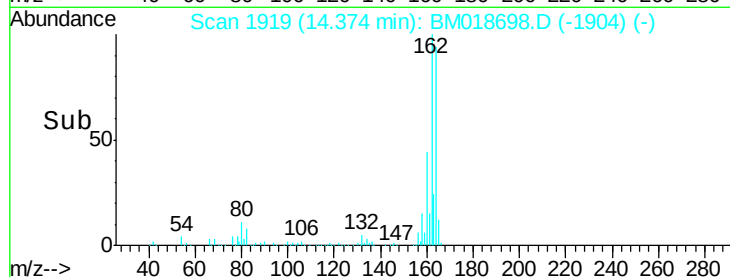
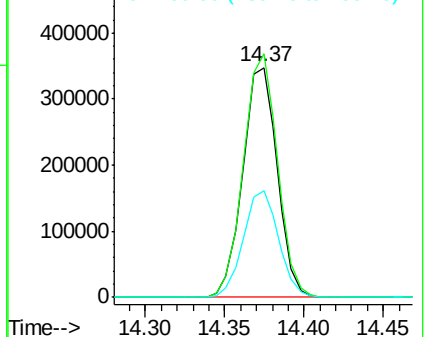
160 46.5 37.1 55.7



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: 44.584 ng

RT: 12.55 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Tgt Ion:216 Resp: 818336

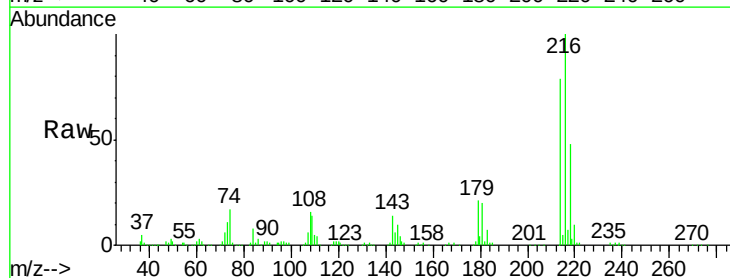
Ion Ratio Lower Upper

216 100

214 77.8 63.4 95.0

179 21.7 17.9 26.9

108 19.4 15.8 23.6

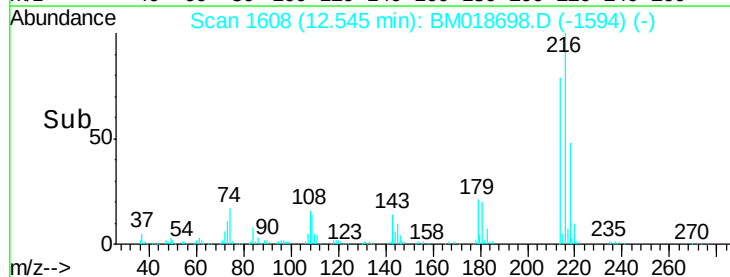
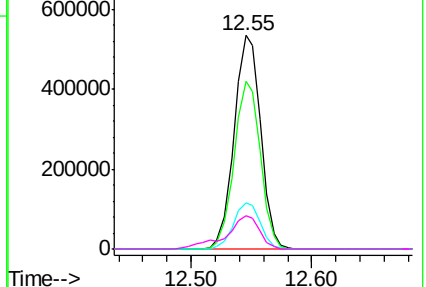


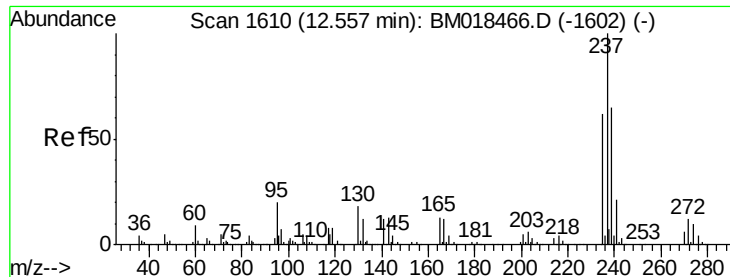
Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.975 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

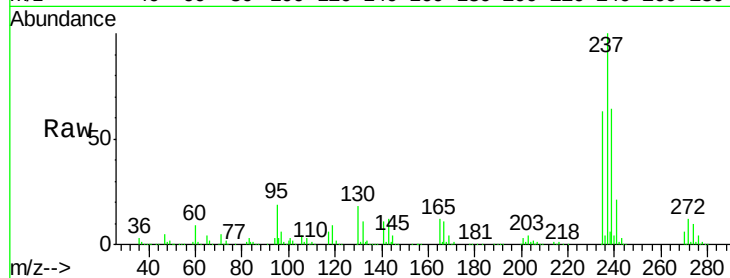
Tgt Ion: 237 Resp: 946668

Ion Ratio Lower Upper

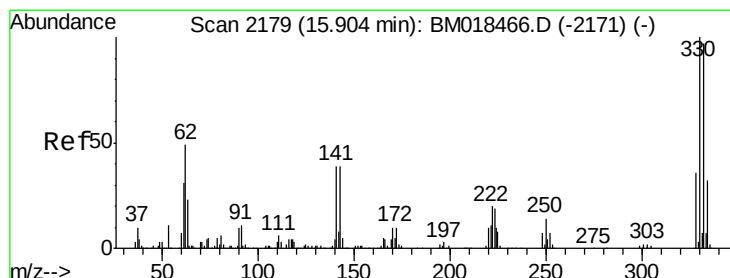
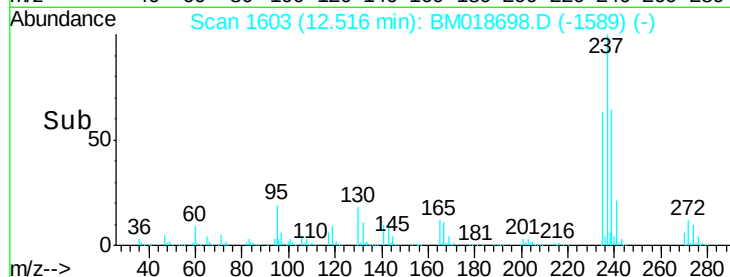
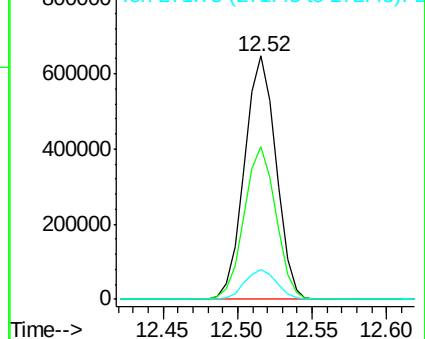
237 100

235 62.7 42.8 82.8

272 12.2 0.0 31.9



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: 145.382 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

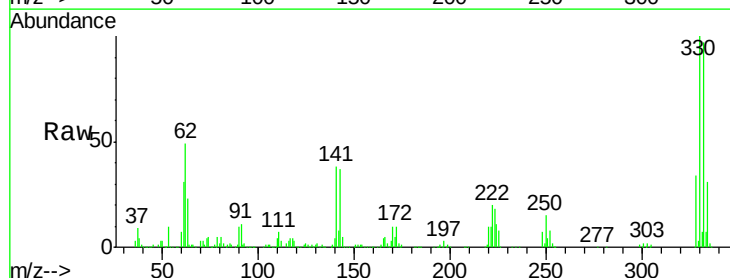
Tgt Ion: 330 Resp: 971612

Ion Ratio Lower Upper

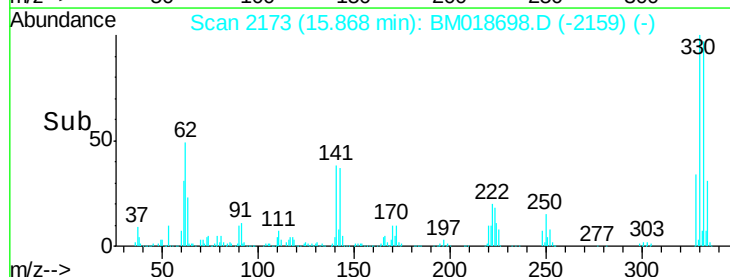
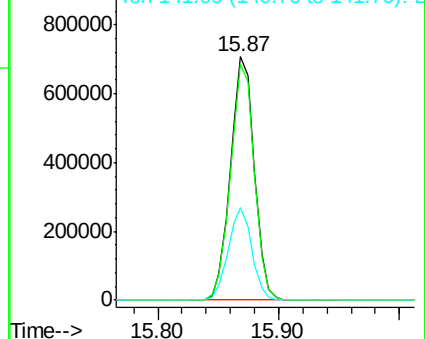
330 100

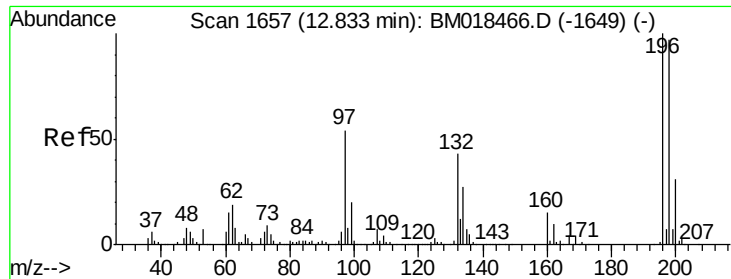
332 96.5 77.6 116.4

141 37.3 31.7 47.5



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

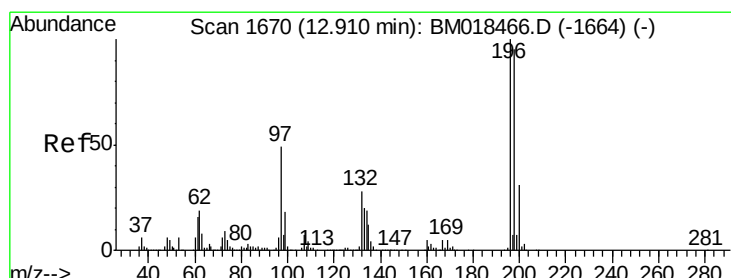
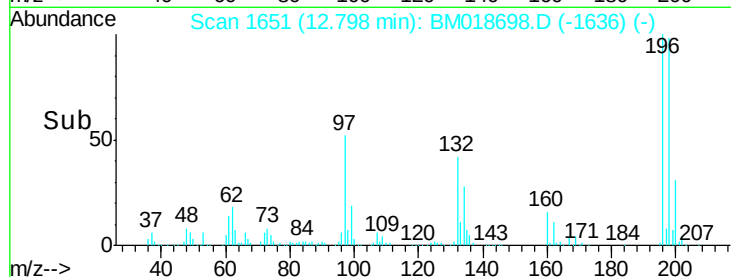
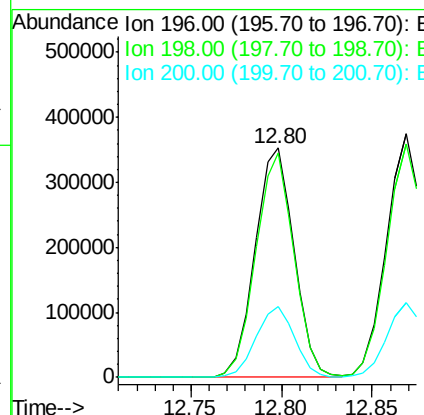
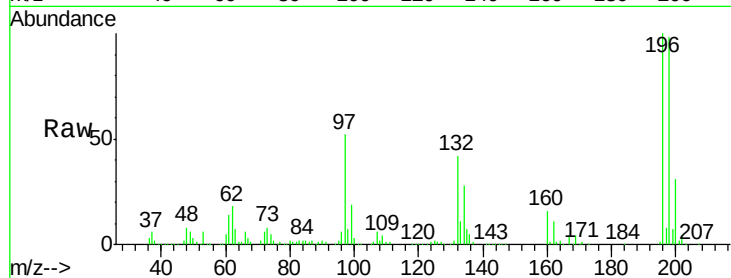




#43
 2,4,6-Trichlorophenol
 Concen: 47.159 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

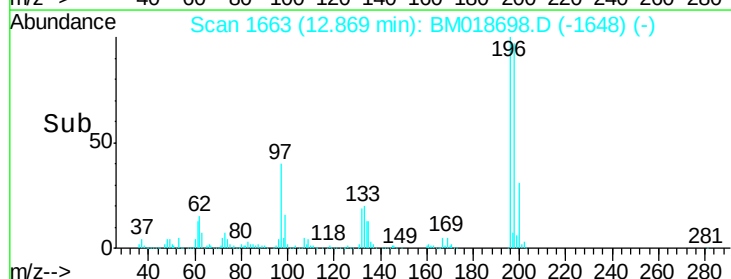
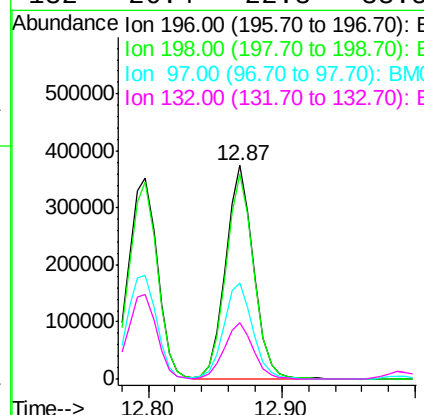
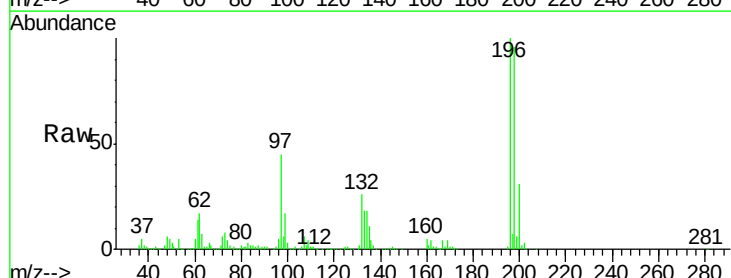
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

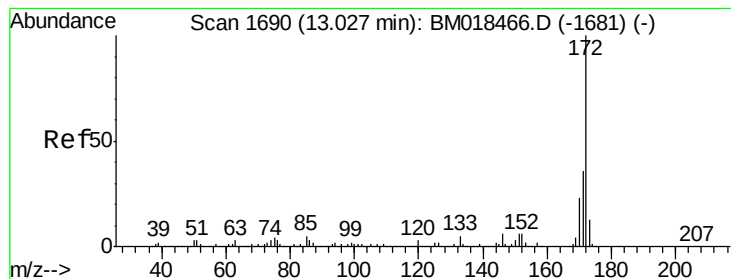
Tgt Ion:196 Resp: 525642
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.6 115.0
 200 31.0 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.653 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Tgt Ion:196 Resp: 546892
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.7 115.1
 97 44.7 39.2 58.8
 132 26.4 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 98.270 ng

RT: 12.99 min Scan# 1683

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

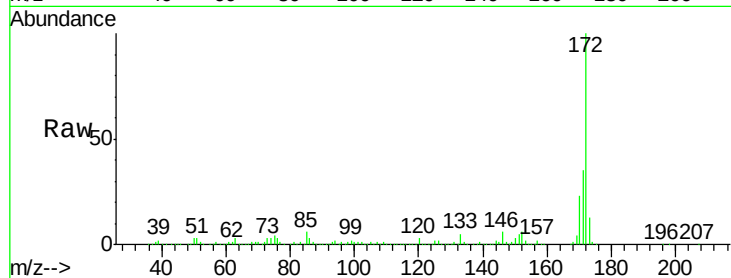
Tgt Ion:172 Resp: 3952874

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

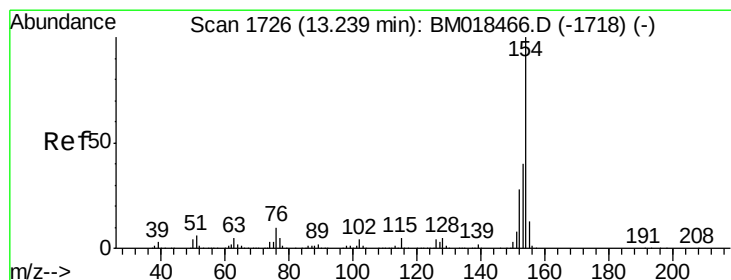
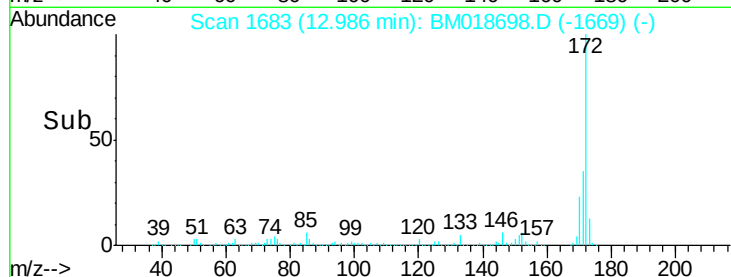
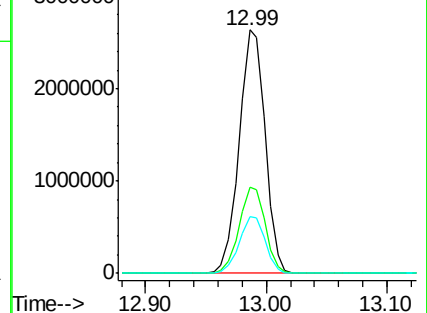
170 23.2 18.9 28.3



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: 42.698 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

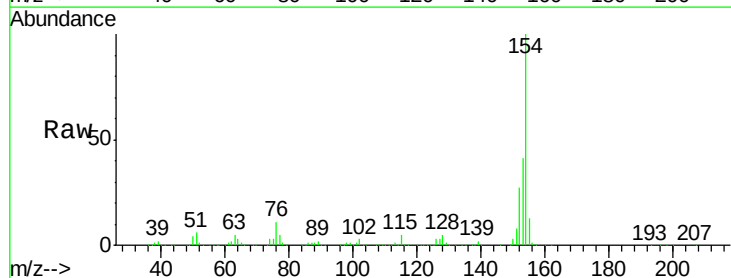
Tgt Ion:154 Resp: 1956823

Ion Ratio Lower Upper

154 100

153 40.8 20.5 60.5

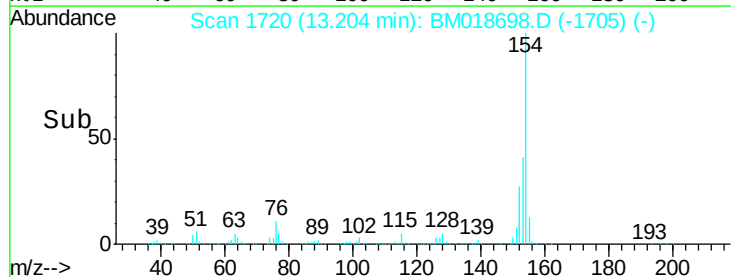
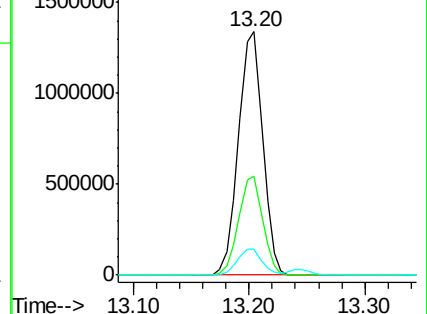
76 10.7 0.0 31.9

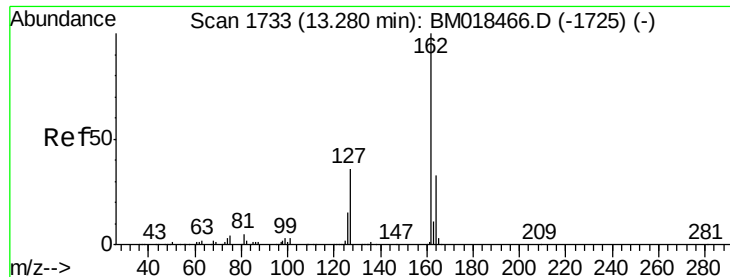


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



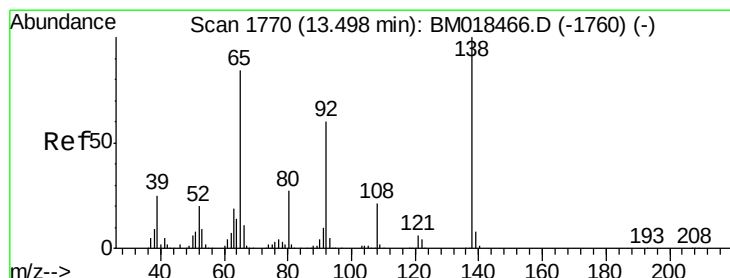
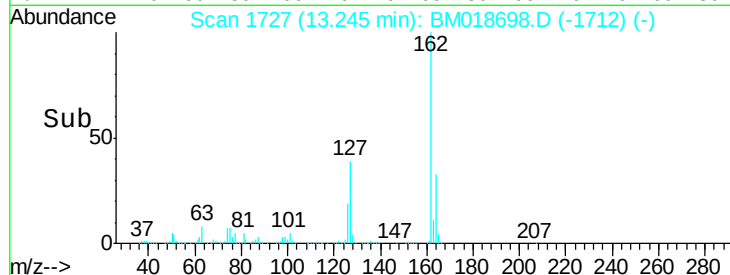
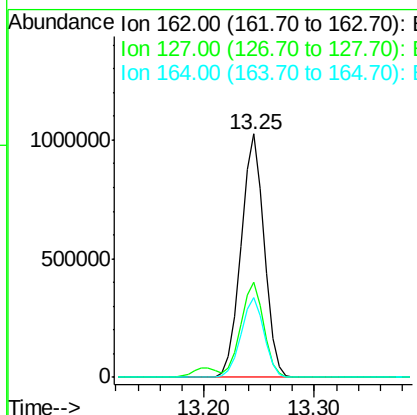
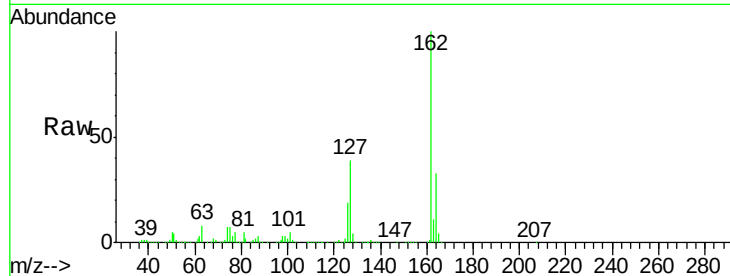


#47
 2-Chloronaphthalene
 Concen: 42.405 ng
 RT: 13.25 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

Tgt Ion: 162 Resp: 1507034

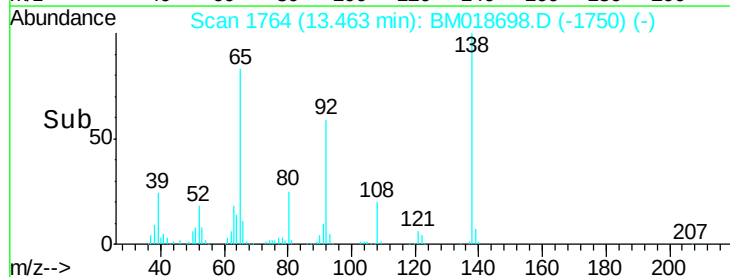
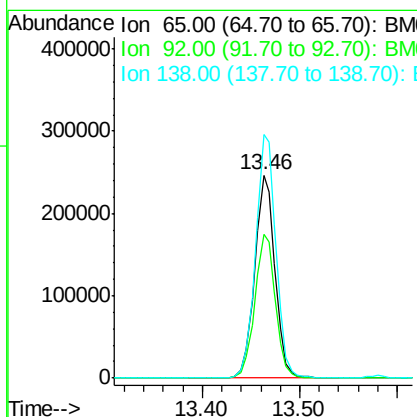
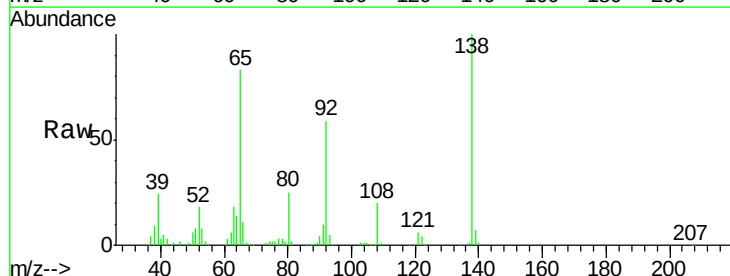
Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.4	47.0
164	32.8	26.2	39.4

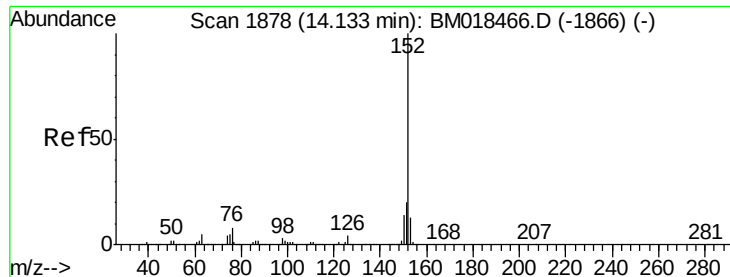


#48
 2-Nitroaniline
 Concen: 41.551 ng
 RT: 13.46 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Tgt Ion: 65 Resp: 363303

Ion	Ratio	Lower	Upper
65	100		
92	70.8	53.4	80.2
138	119.8	88.9	133.3





#49

Acenaphthylene

Concen: 44.734 ng

RT: 14.09 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

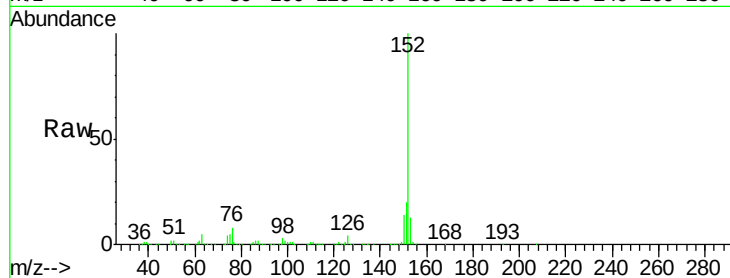
Tgt Ion:152 Resp: 2316843

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

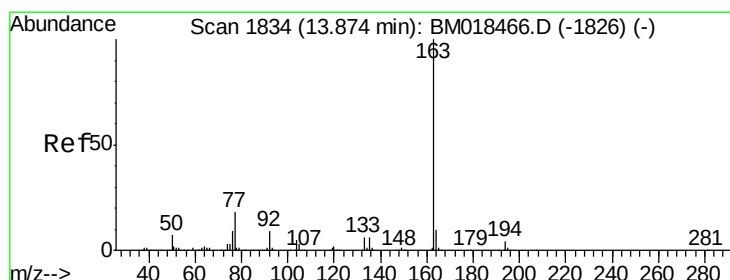
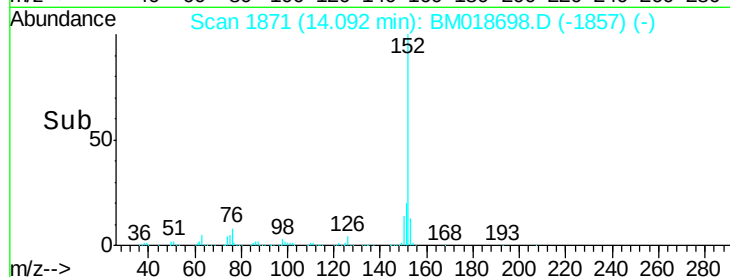
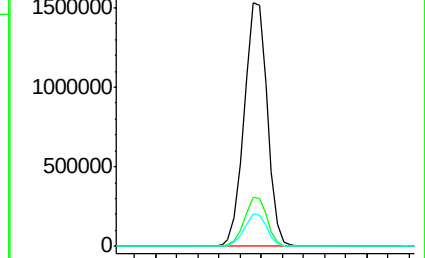
153 13.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.318 ng

RT: 13.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

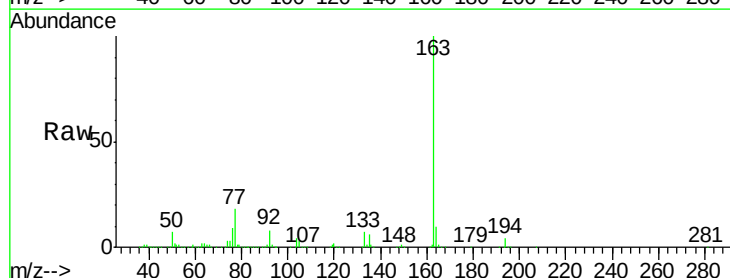
Tgt Ion:163 Resp: 1996603

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

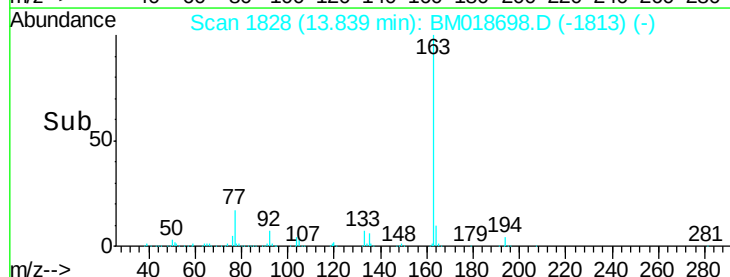
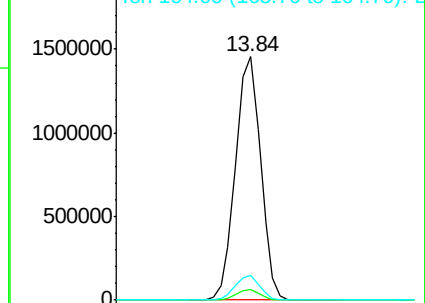
164 10.4 7.8 11.8

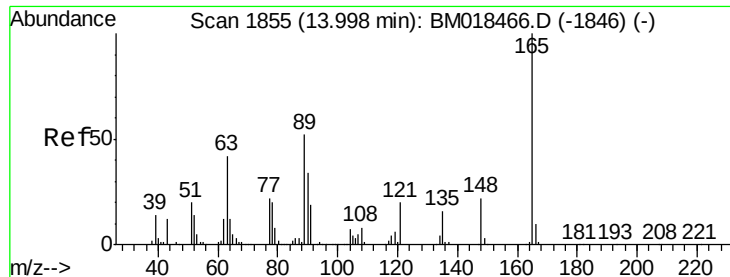


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.076 ng

RT: 13.96 min Scan# 1849

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

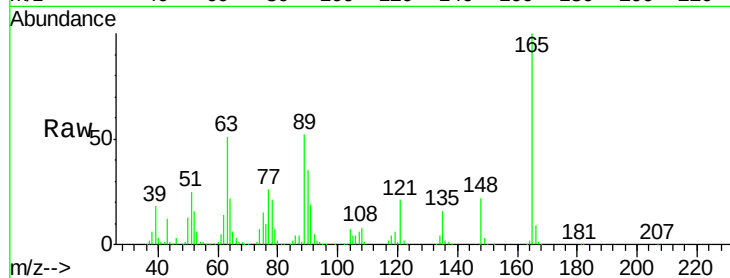
Tgt Ion:165 Resp: 384198

Ion Ratio Lower Upper

165 100

63 50.9 45.6 68.4

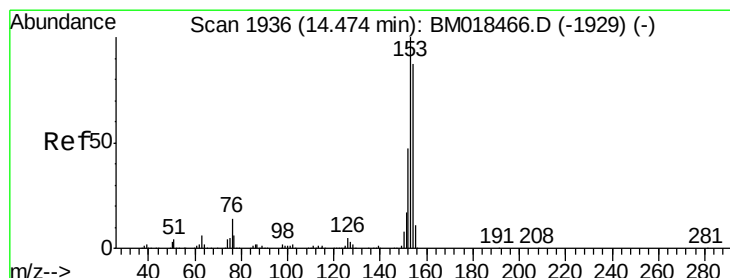
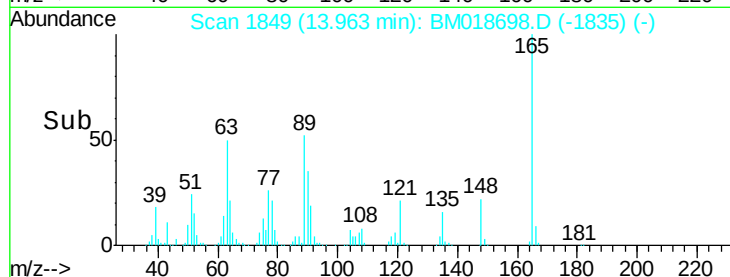
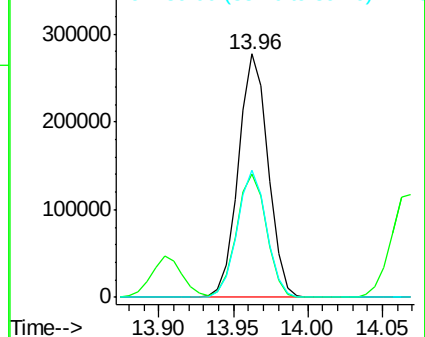
89 52.4 44.6 66.8



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: 42.225 ng

RT: 14.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

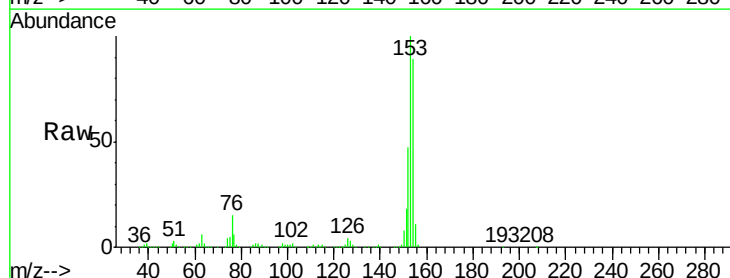
Tgt Ion:154 Resp: 1338093

Ion Ratio Lower Upper

154 100

153 112.5 92.3 138.5

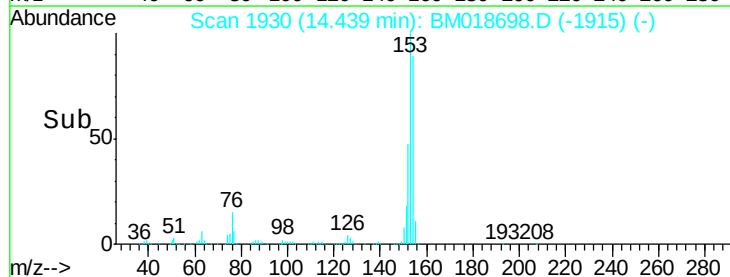
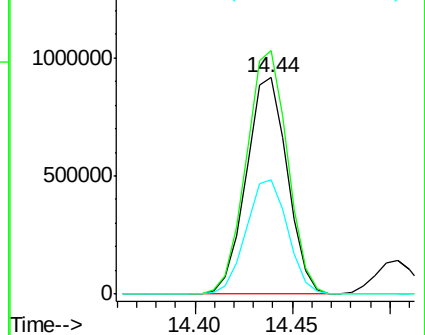
152 52.9 43.8 65.6

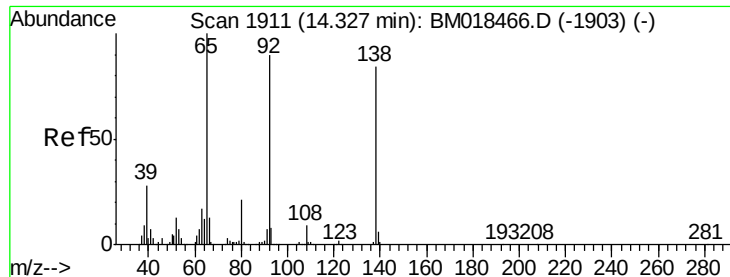


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

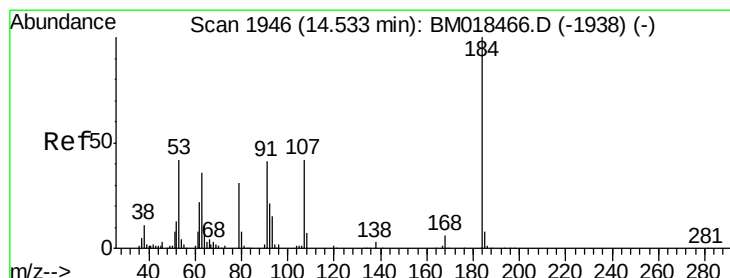
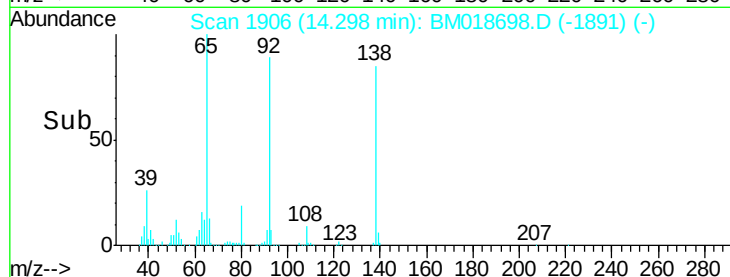
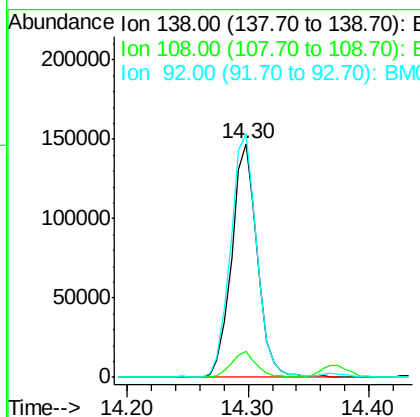
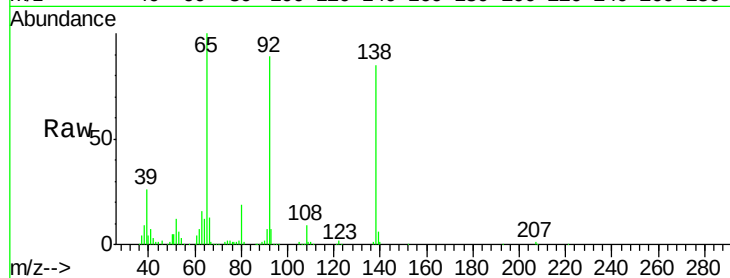




#53
3-Nitroaniline
Concen: 23.662 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

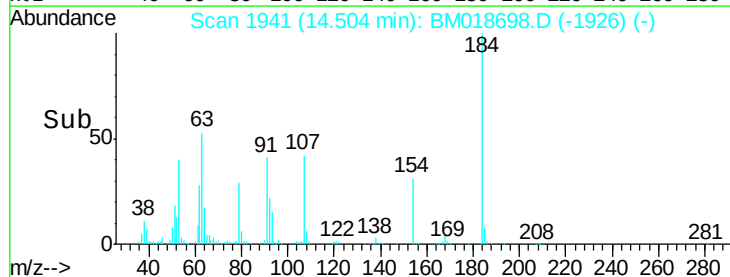
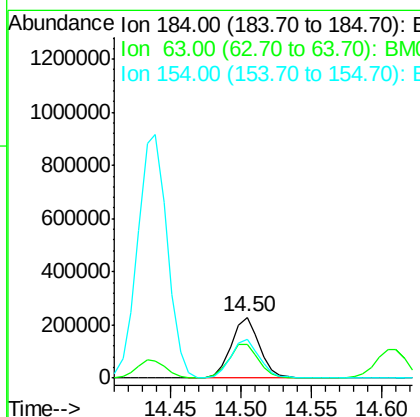
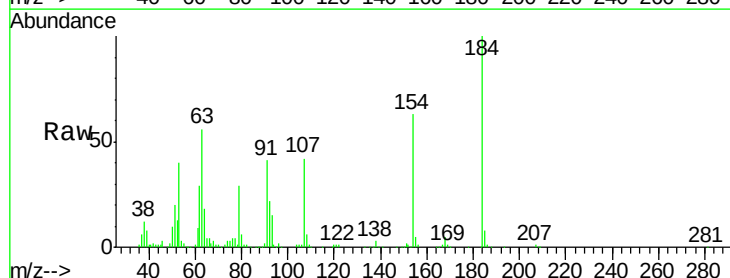
Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

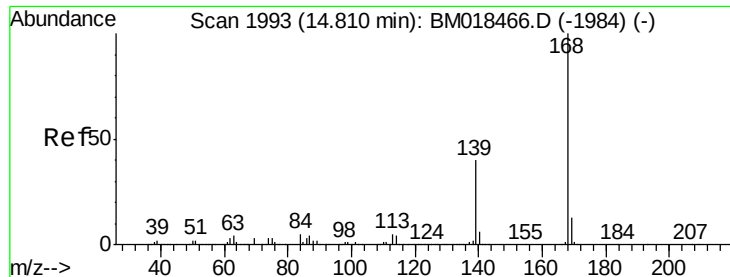
Tgt Ion:138 Resp: 217826
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 104.1 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 66.347 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Tgt Ion:184 Resp: 321284
Ion Ratio Lower Upper
184 100
63 55.7 55.9 83.9#
154 62.9 54.2 81.4

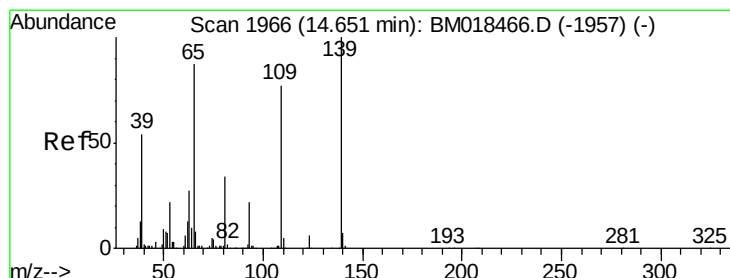
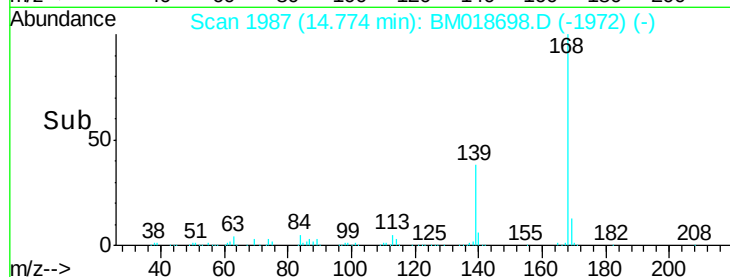
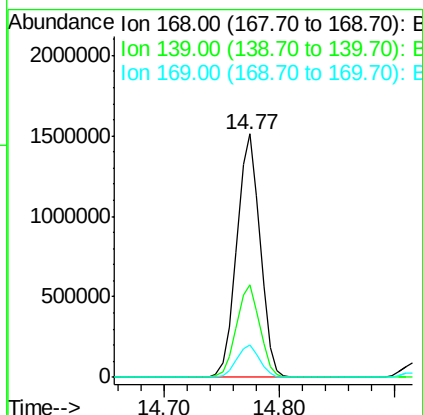
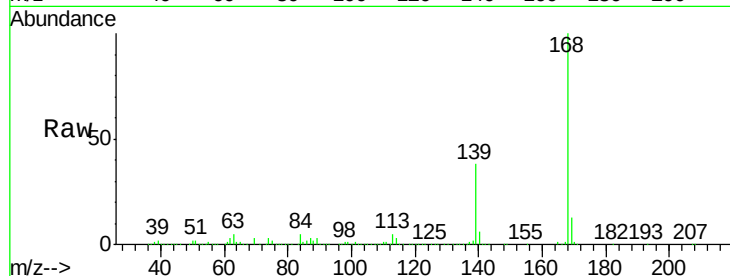




#55
Dibenzofuran
Concen: 40.231 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

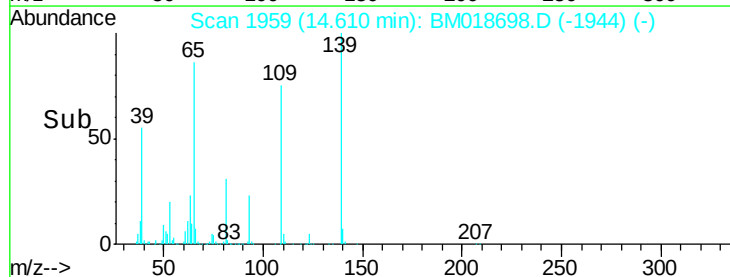
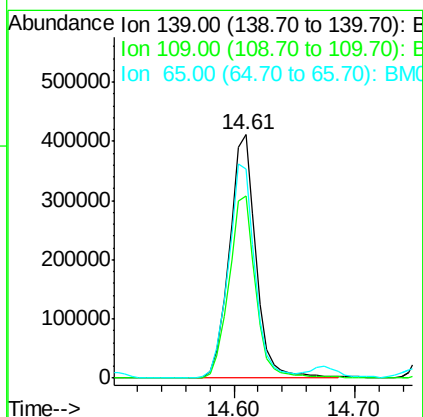
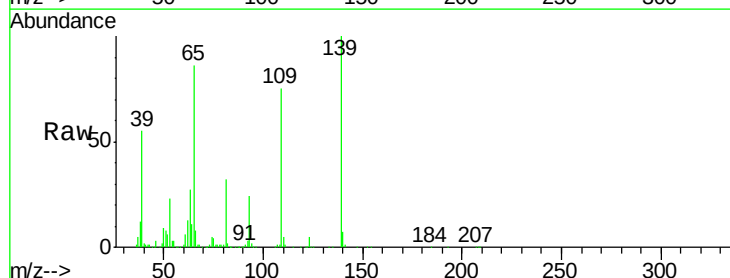
Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

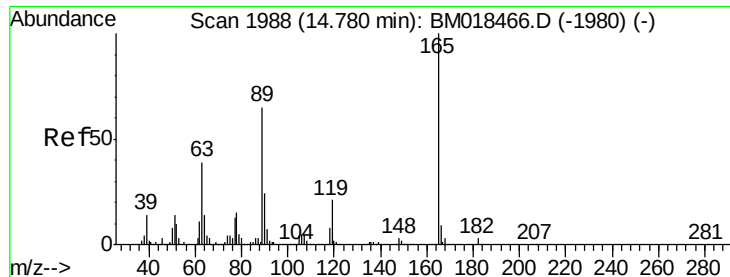
Tgt Ion:168 Resp: 2106496
Ion Ratio Lower Upper
168 100
139 37.9 30.3 45.5
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 79.153 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Tgt Ion:139 Resp: 629476
Ion Ratio Lower Upper
139 100
109 74.8 51.7 91.7
65 86.1 71.4 111.4

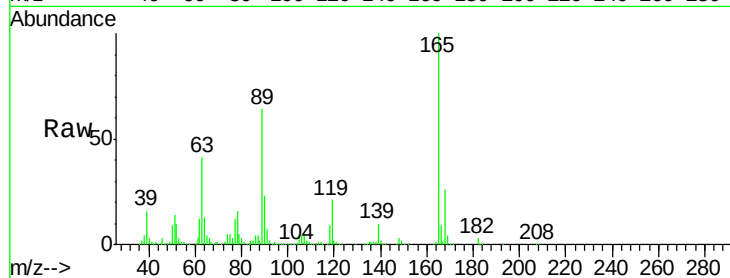




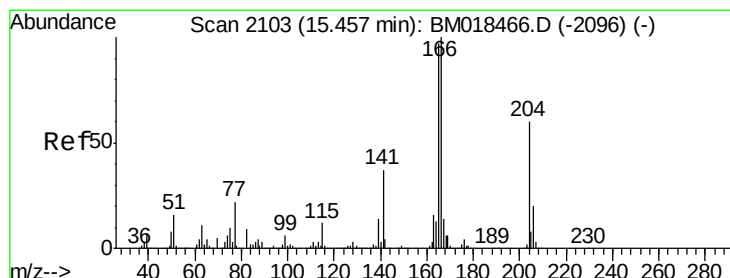
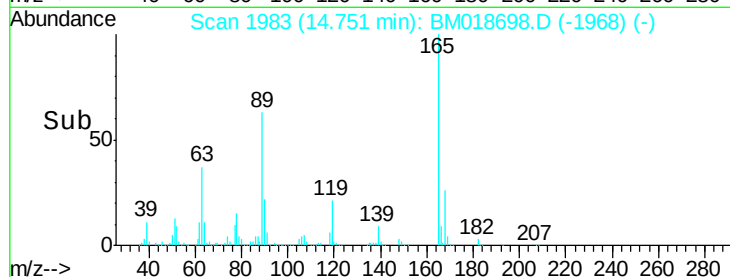
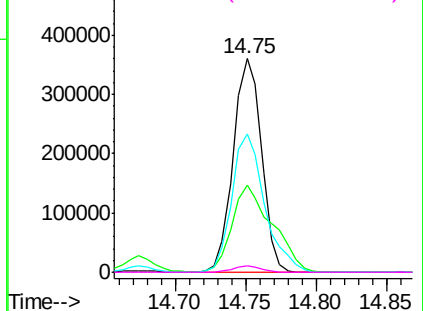
#57
2,4-Dinitrotoluene
Concen: 38.966 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

Tgt Ion:165 Resp: 503416
Ion Ratio Lower Upper
165 100
63 40.5 32.2 48.2
89 64.5 52.1 78.1
182 2.8 2.5 3.7

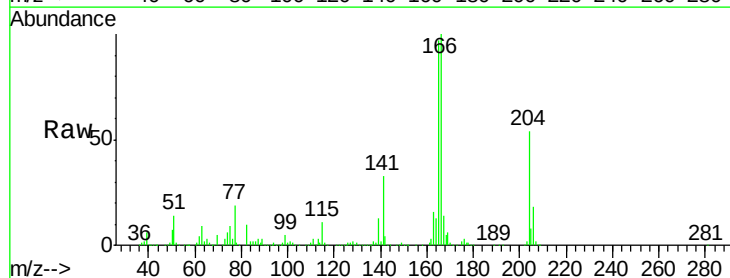


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

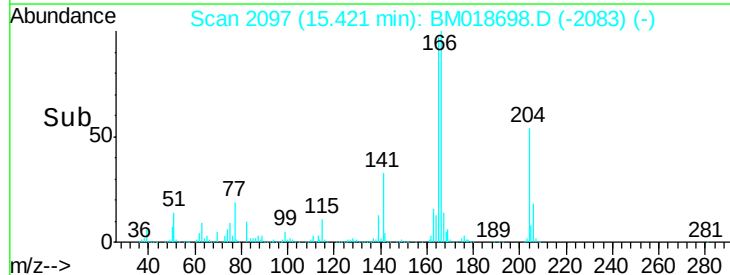
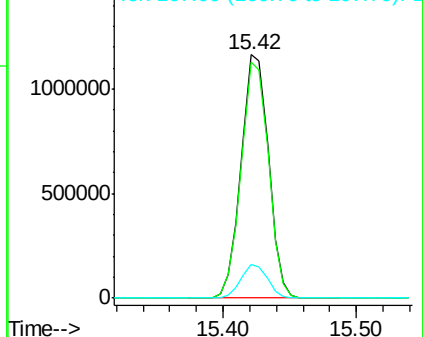


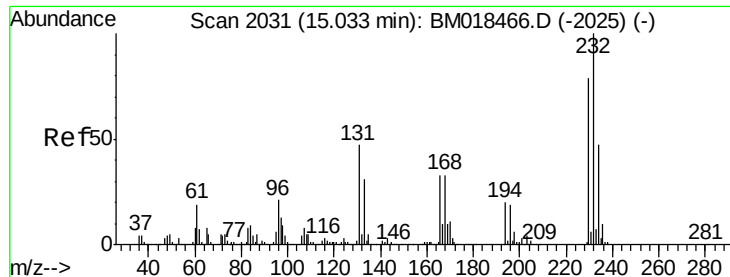
#58
Fluorene
Concen: 42.319 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Tgt Ion:166 Resp: 1650640
Ion Ratio Lower Upper
166 100
165 97.0 78.3 117.5
167 13.7 10.9 16.3



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

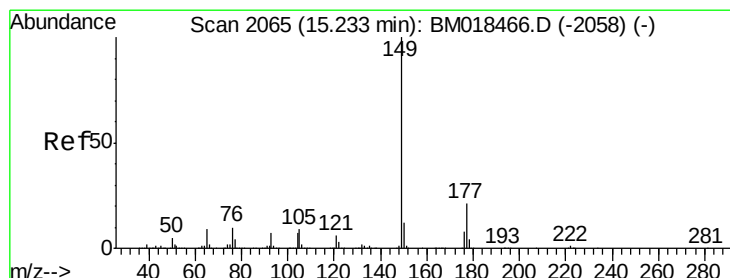
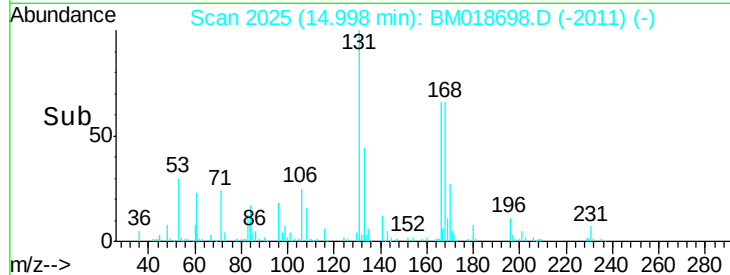
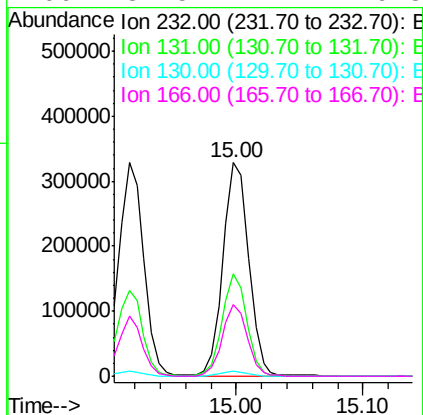
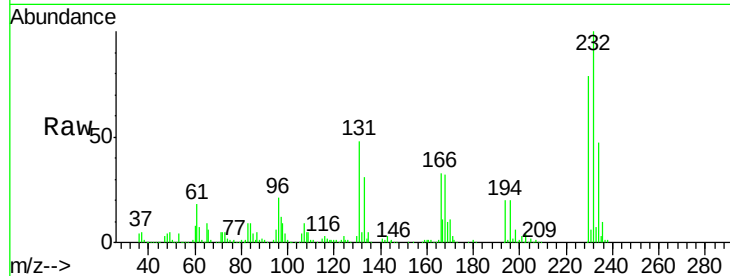




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.342 ng
 RT: 15.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

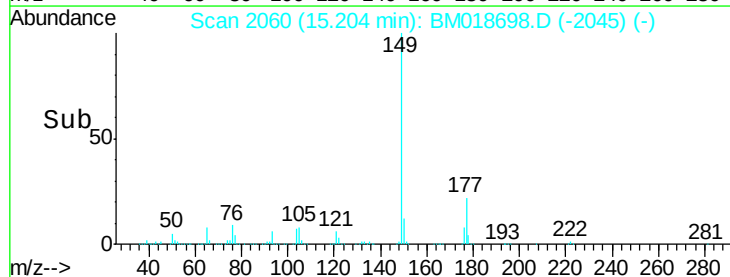
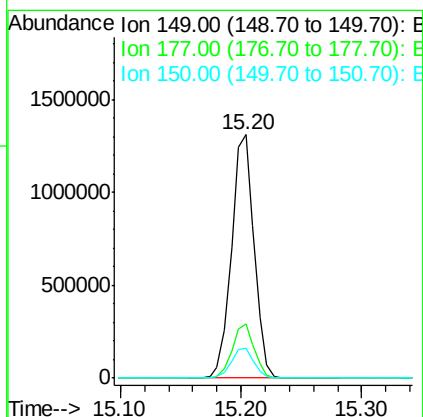
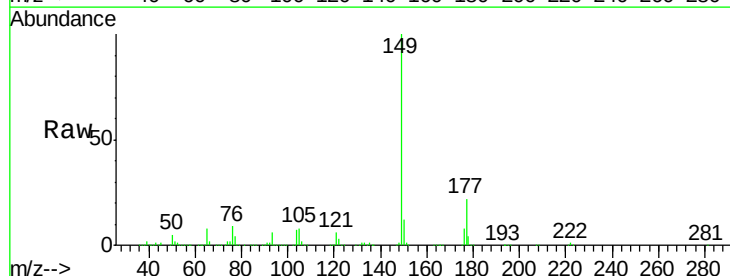
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

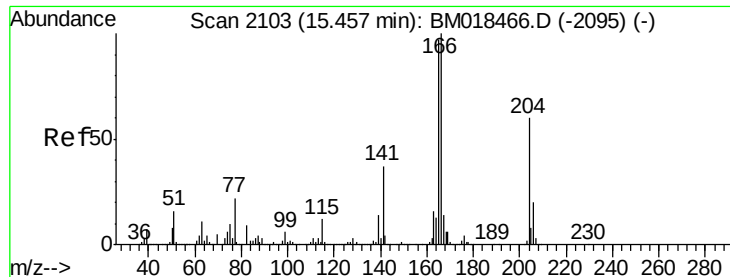
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.6	38.6	57.8
130	2.5	2.2	3.4
166	32.5	27.2	40.8



#60
 Diethylphthalate
 Concen: 39.051 ng
 RT: 15.20 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.1	25.7
150	12.4	9.8	14.6

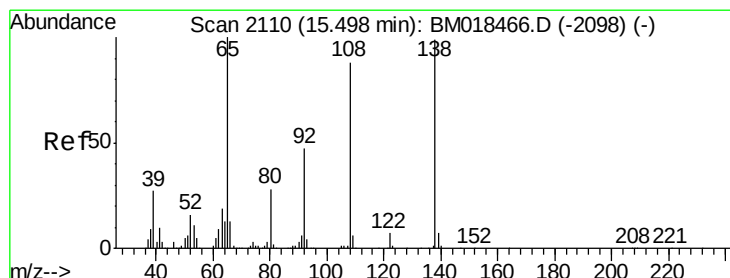
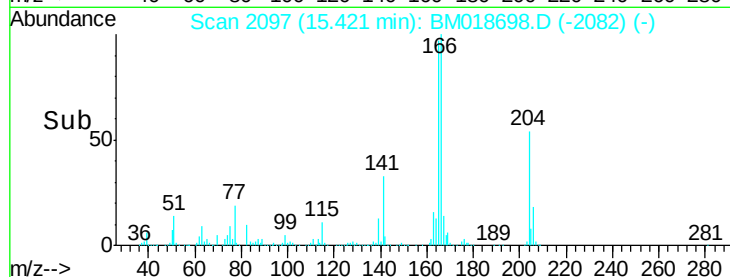
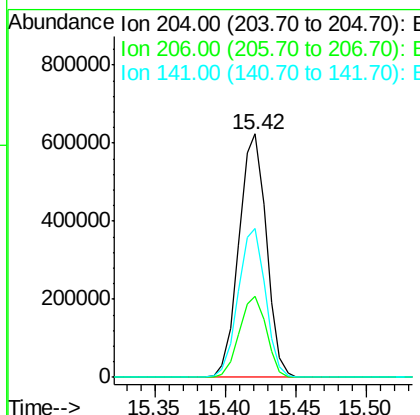
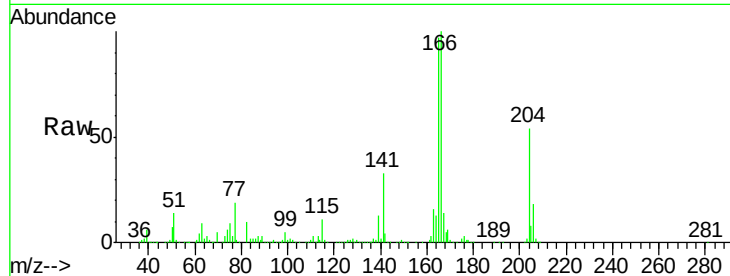




#61
 4-Chlorophenyl-phenylether
 Concen: 37.617 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

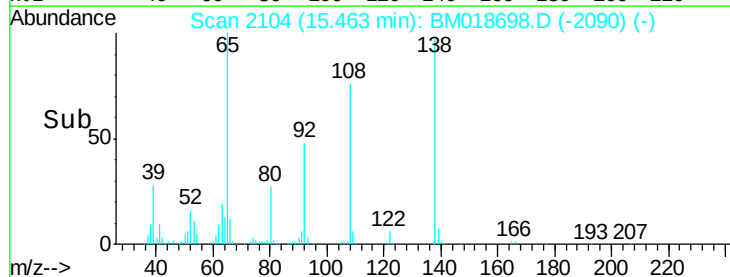
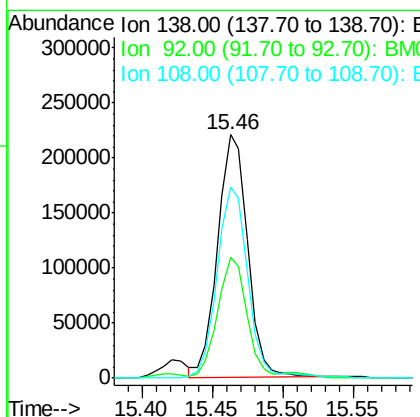
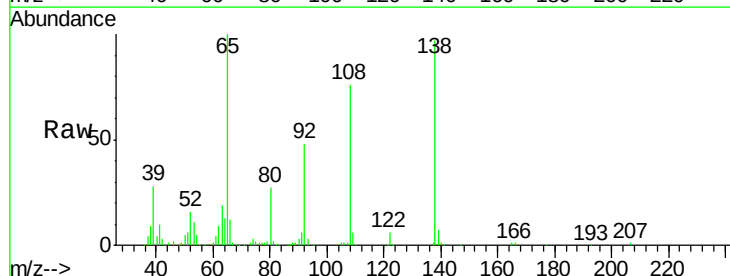
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

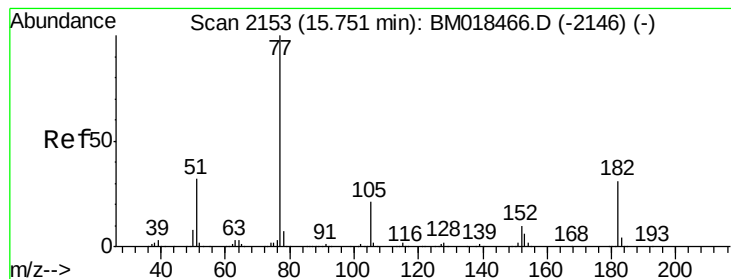
Tgt Ion:204 Resp: 845641
 Ion Ratio Lower Upper
 204 100
 206 33.3 25.8 38.6
 141 61.1 49.5 74.3



#62
 4-Nitroaniline
 Concen: 32.627 ng
 RT: 15.46 min Scan# 2104
 Delta R.T. -0.02 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Tgt Ion:138 Resp: 327607
 Ion Ratio Lower Upper
 138 100
 92 49.5 29.0 69.0
 108 78.7 63.9 103.9





#63

Azobenzene

Concen: 39.122 ng

RT: 15.72 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

Tgt Ion: 77 Resp: 1388033

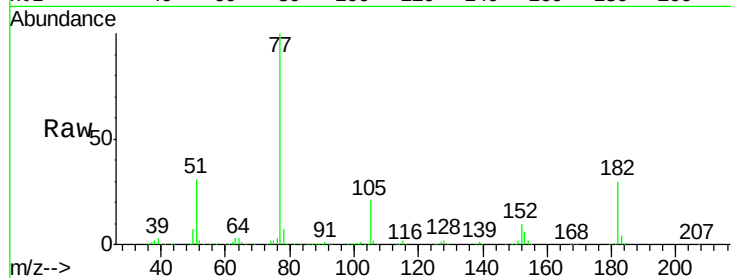
Ion Ratio Lower Upper

77 100

182 30.1 7.4 47.4

105 21.1 0.0 39.6

51 30.7 12.0 52.0

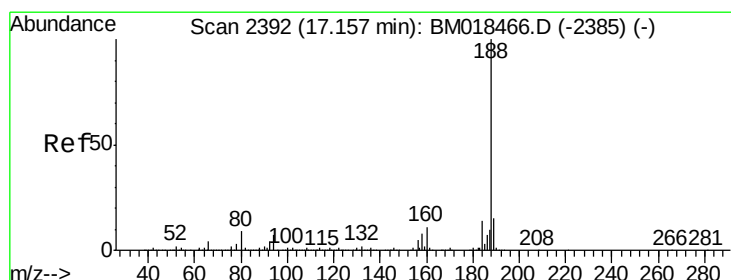
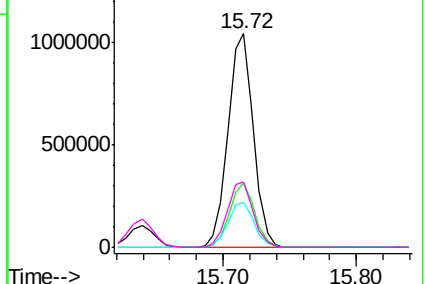
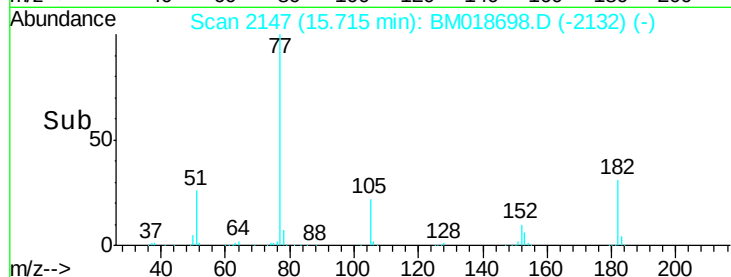


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

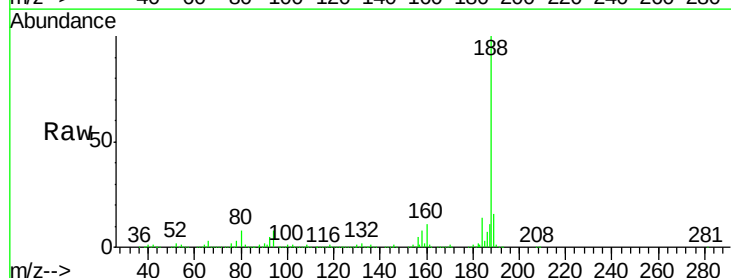
Tgt Ion: 188 Resp: 1008870

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

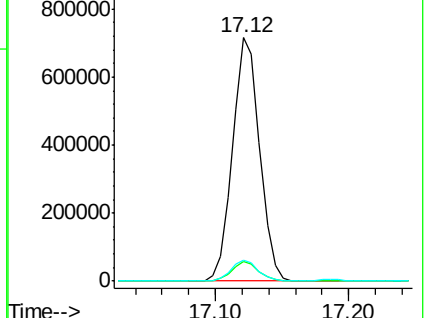
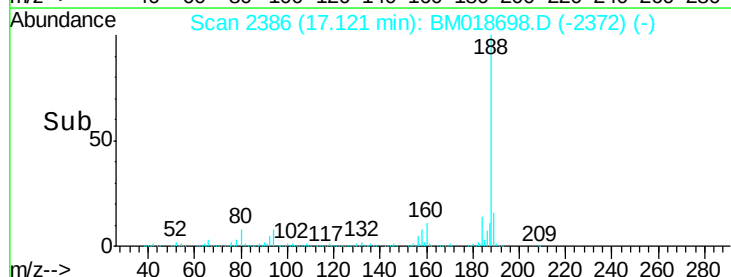
80 8.5 7.6 11.4

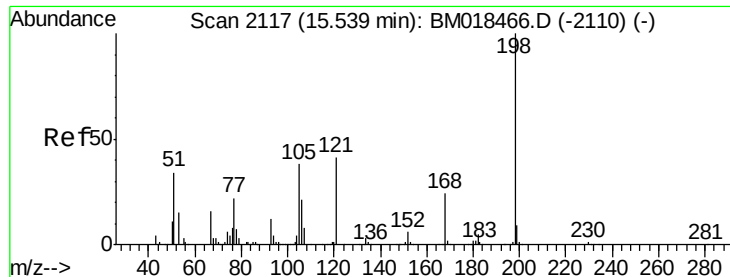


Abundance Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)

Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)

Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)

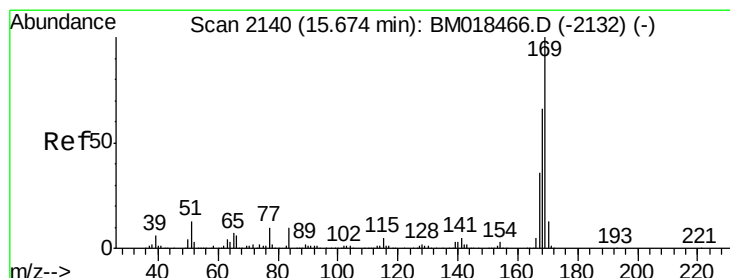
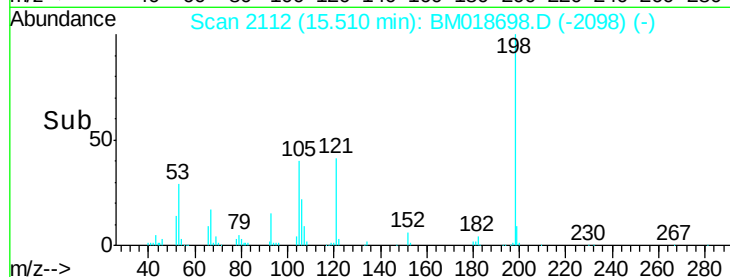
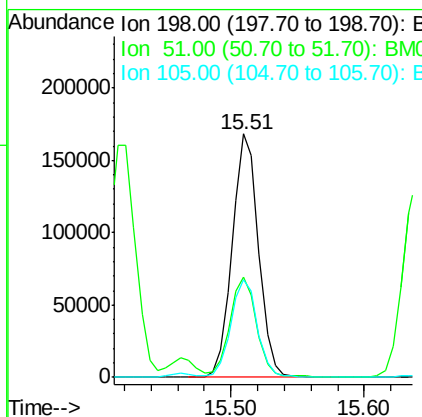
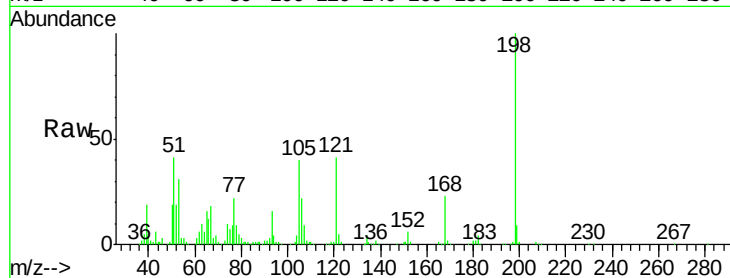




#65
4,6-Dinitro-2-methylphenol
Concen: 37.374 ng
RT: 15.51 min Scan# 2112
Delta R.T. -0.02 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

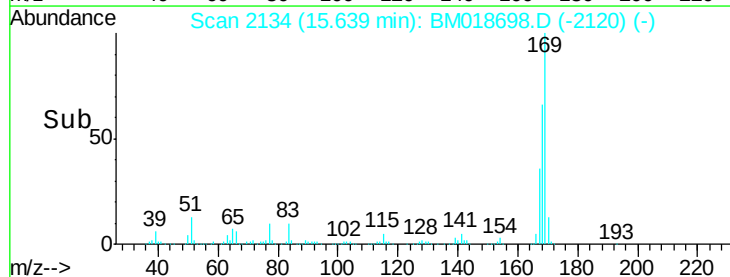
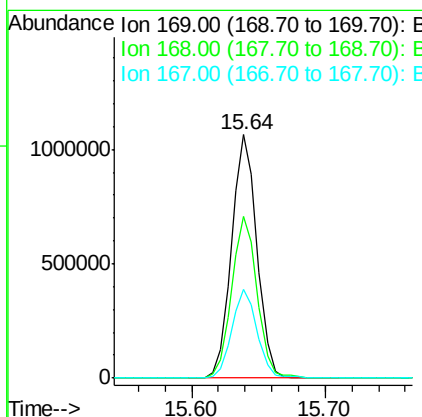
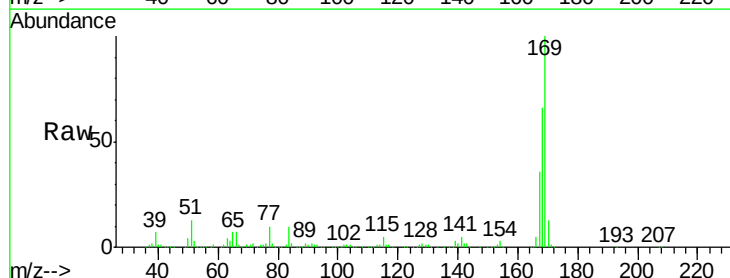
Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

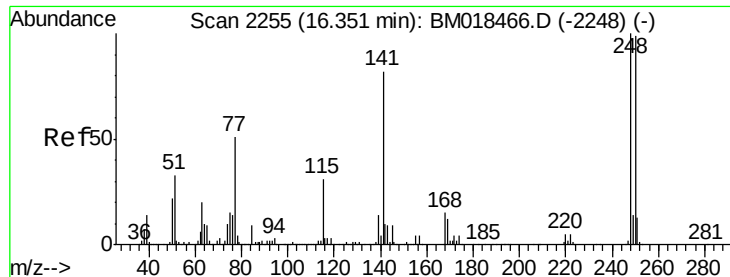
Tgt Ion:198 Resp: 231686
Ion Ratio Lower Upper
198 100
51 41.2 29.6 69.6
105 40.4 25.5 65.5



#66
n-Nitrosodiphenylamine
Concen: 44.910 ng
RT: 15.64 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Tgt Ion:169 Resp: 1405438
Ion Ratio Lower Upper
169 100
168 66.3 54.1 81.1
167 36.2 28.6 42.8

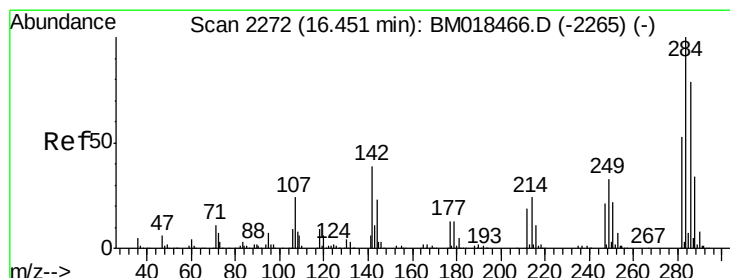
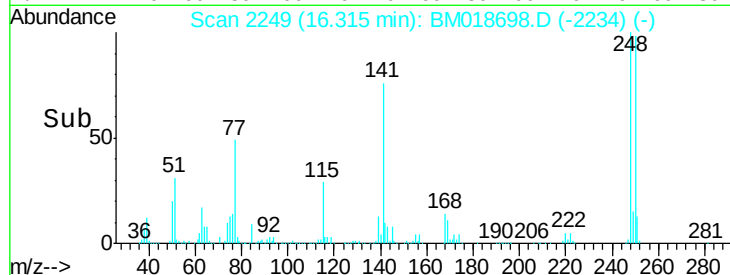
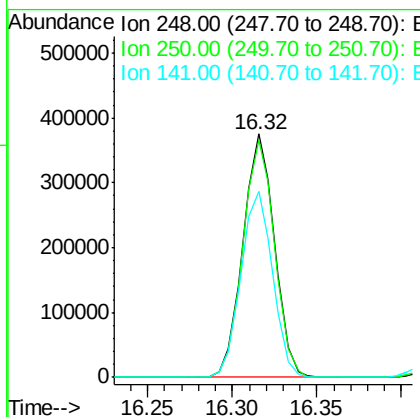
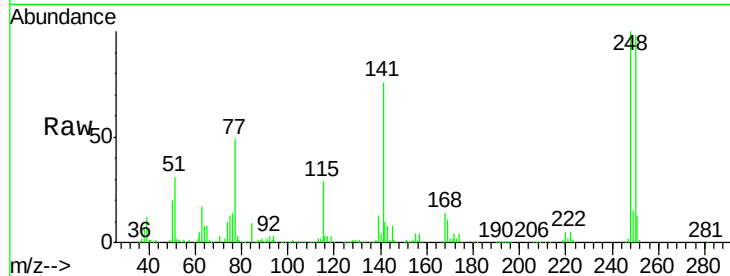




#67
 4-Bromophenyl-phenylether
 Concen: 43.228 ng
 RT: 16.32 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

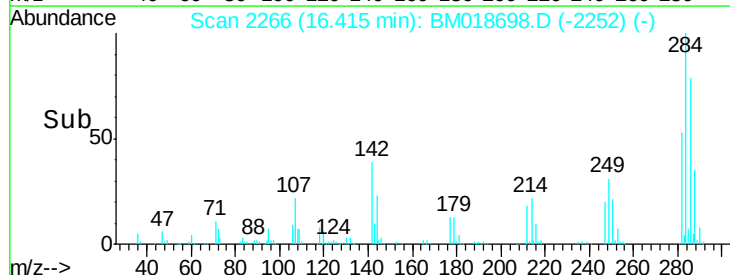
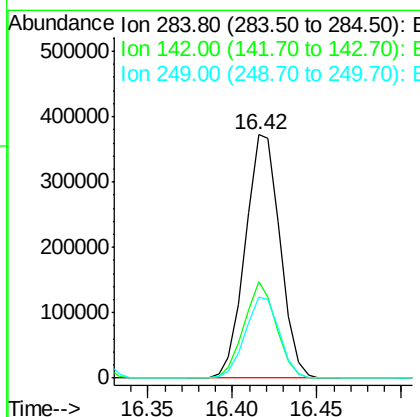
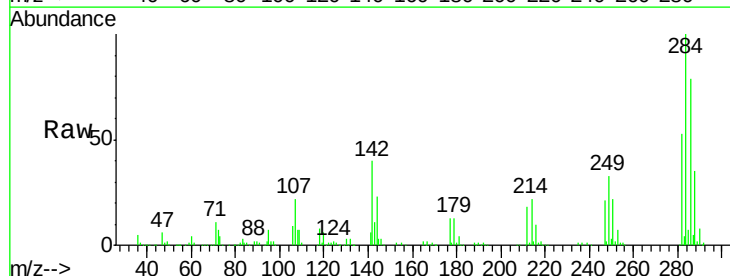
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

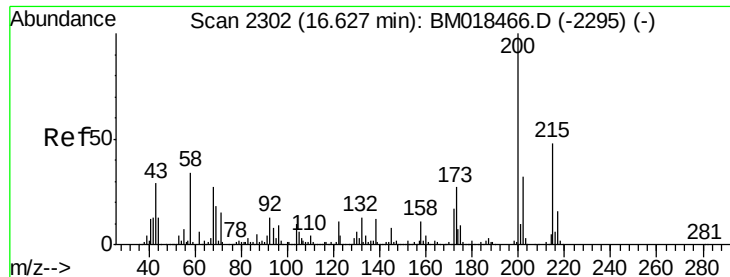
Tgt Ion:248 Resp: 488034
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.0 114.0
 141 76.2 61.5 92.3



#68
 Hexachlorobenzene
 Concen: 42.031 ng
 RT: 16.42 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Tgt Ion:284 Resp: 531220
 Ion Ratio Lower Upper
 284 100
 142 39.6 29.2 43.8
 249 33.2 26.1 39.1

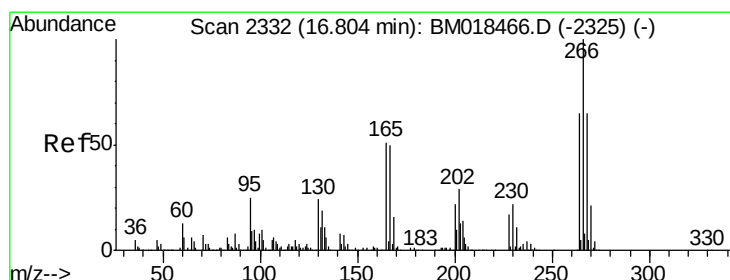
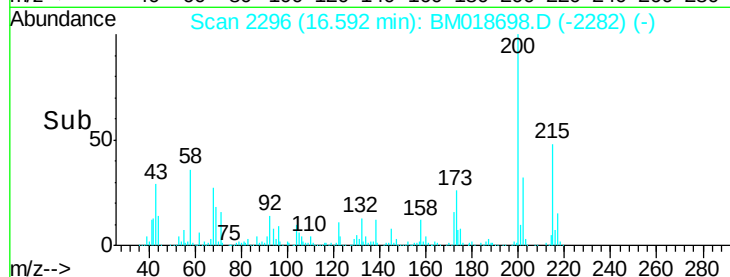
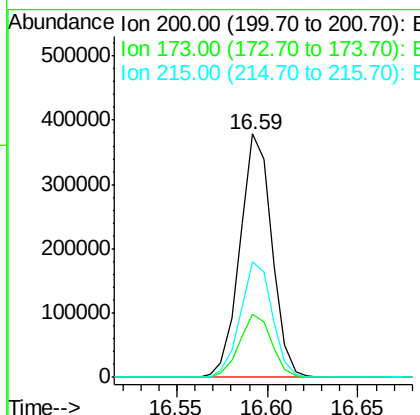
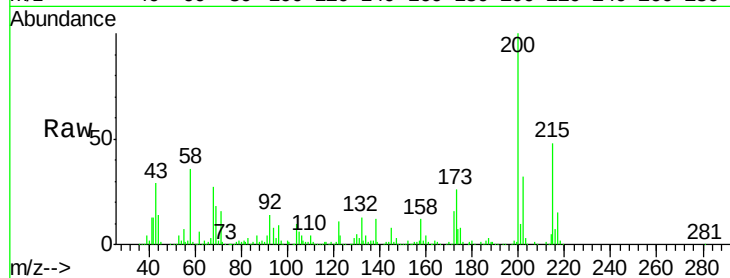




#69
 Atrazine
 Concen: 40.885 ng
 RT: 16.59 min Scan# 2296
 Delta R.T. -0.02 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

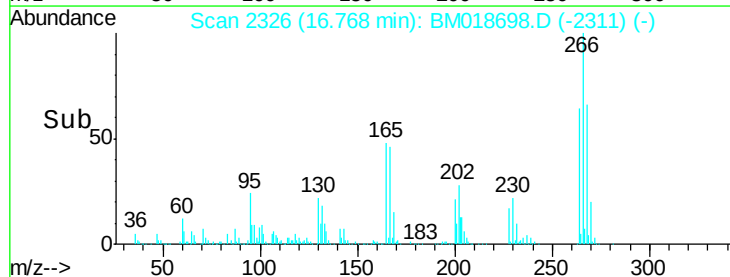
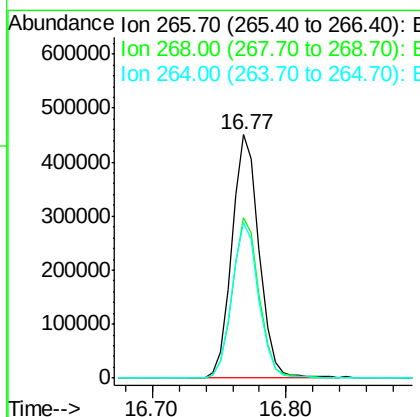
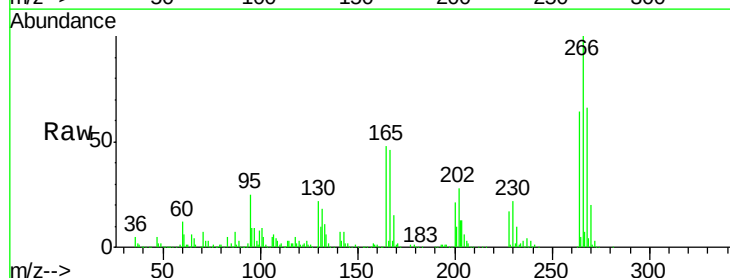
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

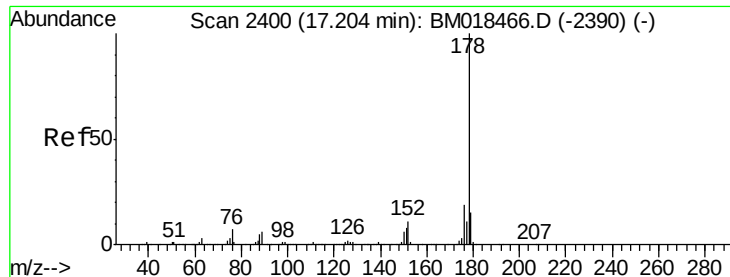
Tgt Ion:200 Resp: 462559
 Ion Ratio Lower Upper
 200 100
 173 25.7 7.2 47.2
 215 47.6 28.3 68.3



#70
 Pentachlorophenol
 Concen: 77.310 ng
 RT: 16.77 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Tgt Ion:266 Resp: 639929
 Ion Ratio Lower Upper
 266 100
 268 65.7 49.8 74.6
 264 63.7 50.1 75.1





#71

Phenanthrene

Concen: 44.541 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

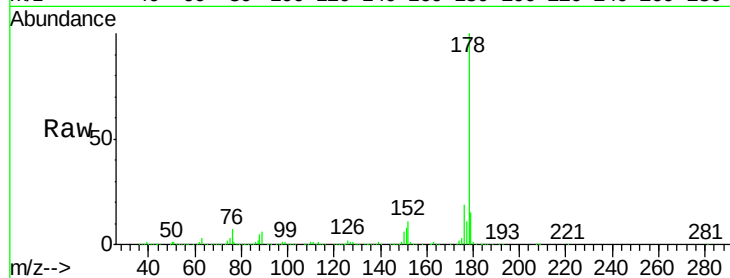
Tgt Ion:178 Resp: 2390157

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

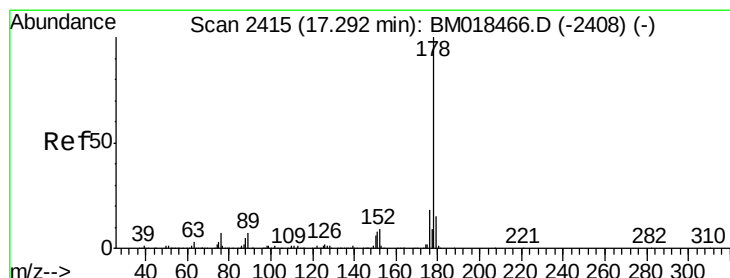
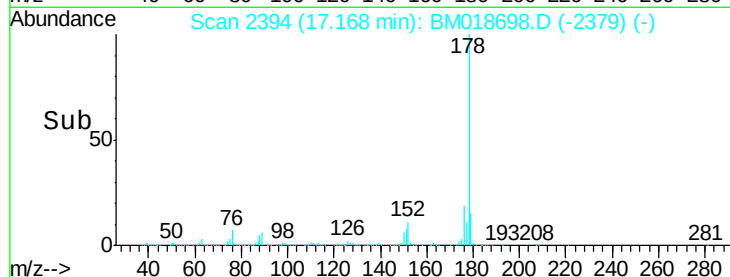
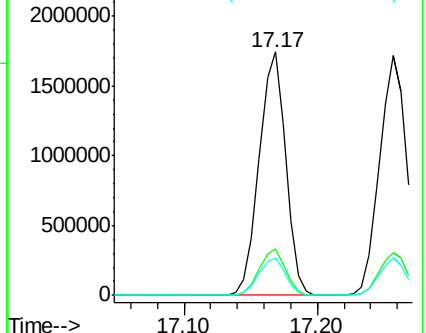
179 15.2 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.902 ng

RT: 17.26 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

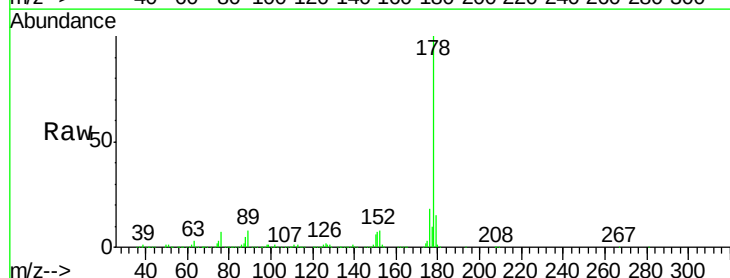
Tgt Ion:178 Resp: 2420235

Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

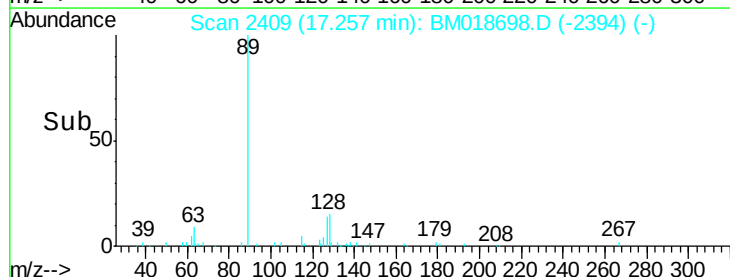
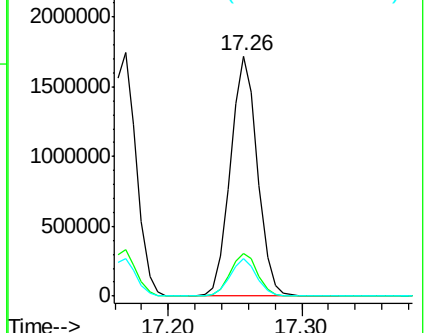
179 15.4 12.2 18.4

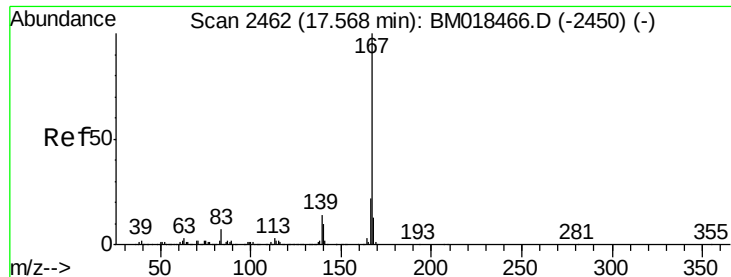


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

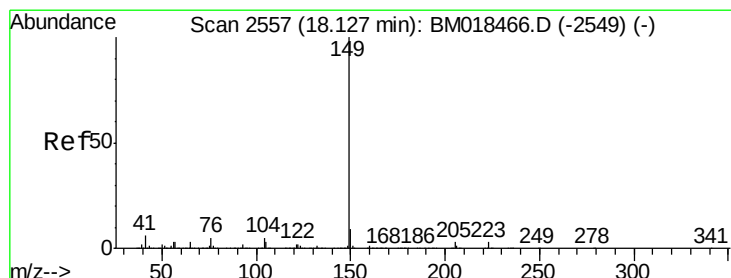
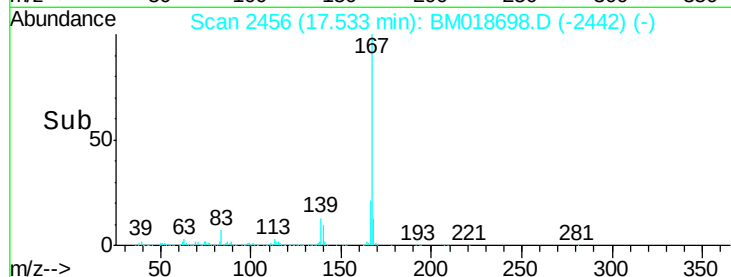
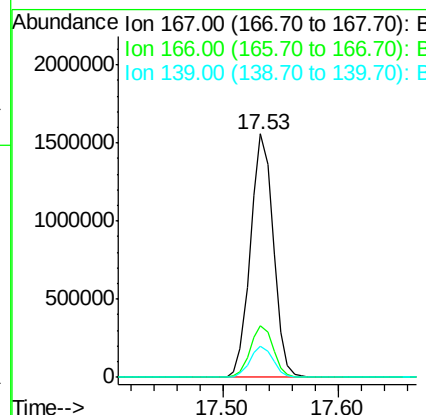
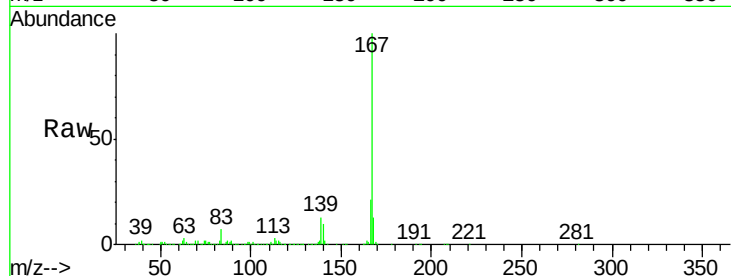




#73
 Carbazole
 Concen: 40.485 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

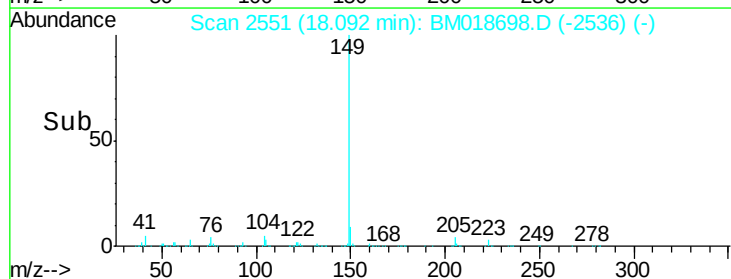
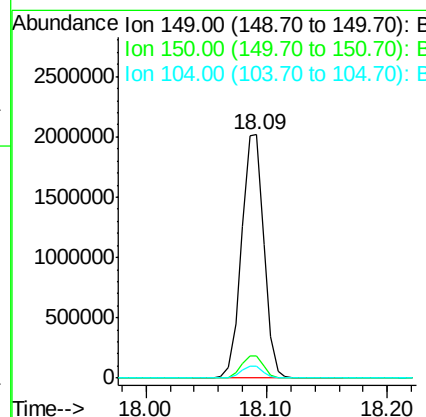
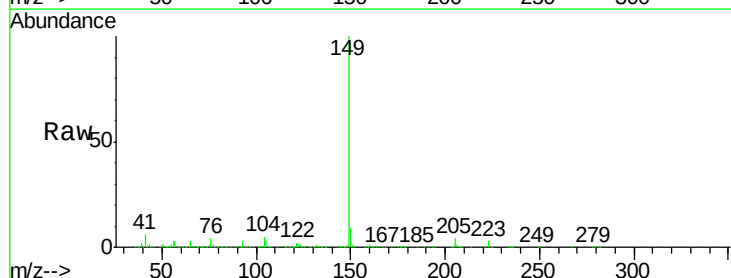
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMS

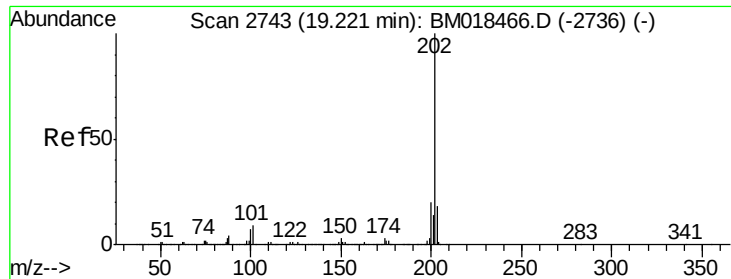
Tgt Ion:167 Resp: 2146325
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.2
 139 12.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.747 ng
 RT: 18.09 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BM018698.D
 Acq: 30 Jan 2019 17:13

Tgt Ion:149 Resp: 2598506
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 42.102 ng

RT: 19.19 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

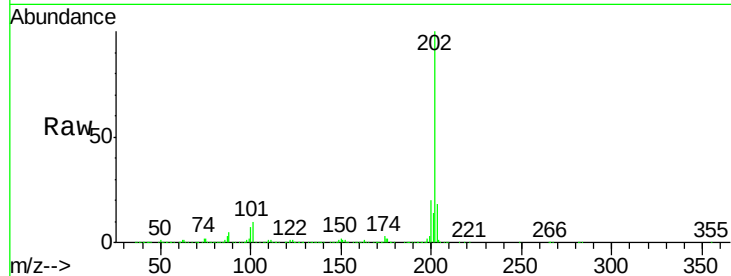
Tgt Ion:202 Resp: 2604729

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.9

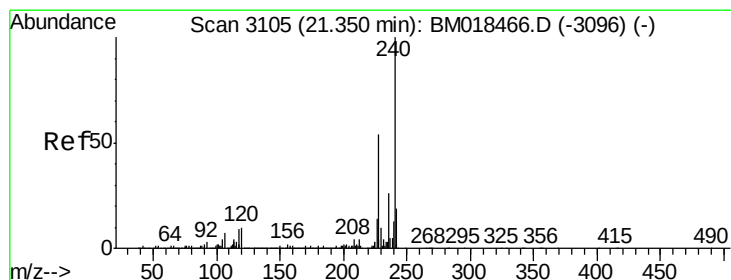
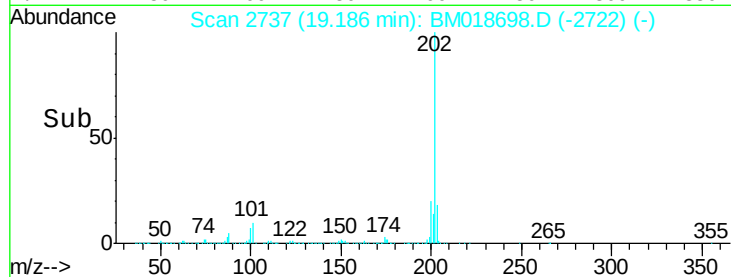
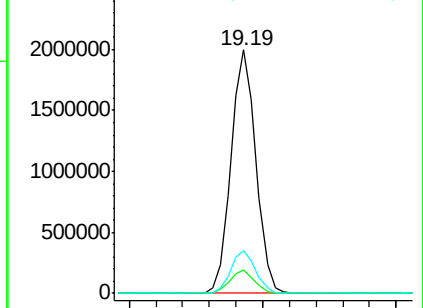
203 17.5 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

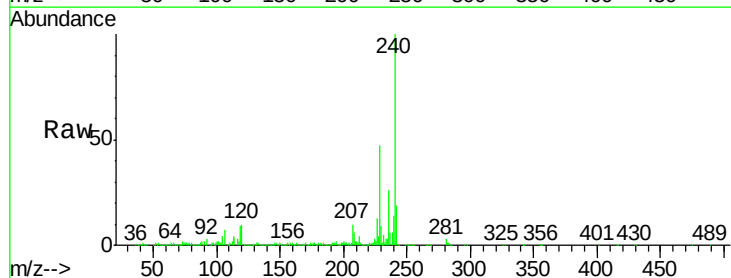
Tgt Ion:240 Resp: 993173

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

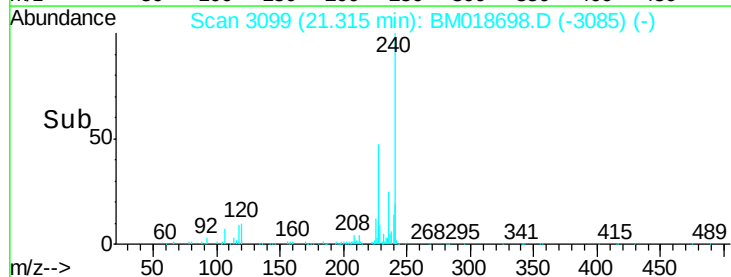
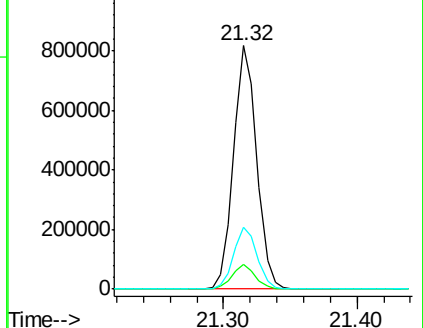
236 25.6 20.7 31.1

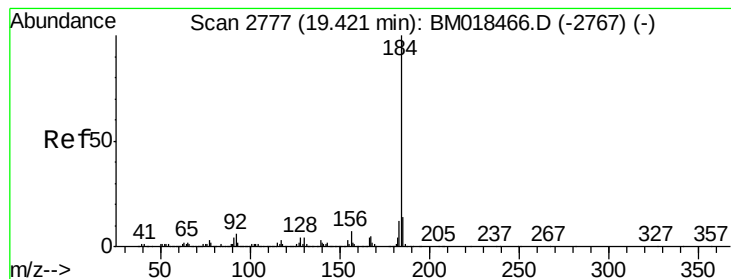


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.940 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

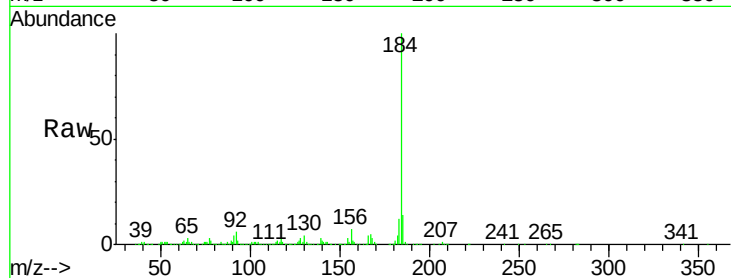
Tgt Ion:184 Resp: 1151111

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

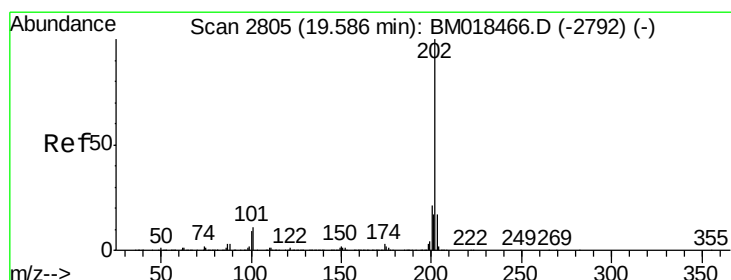
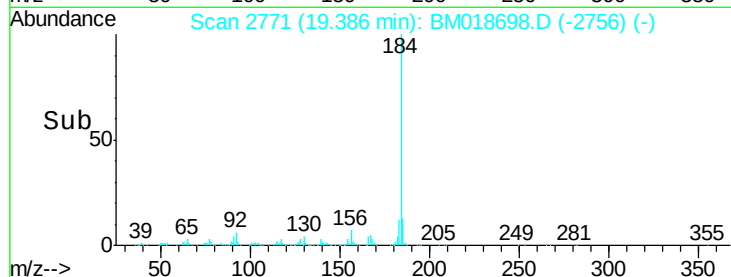
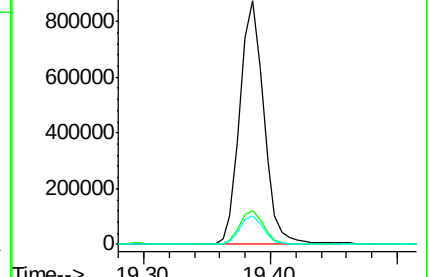
183 11.8 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.013 ng

RT: 19.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

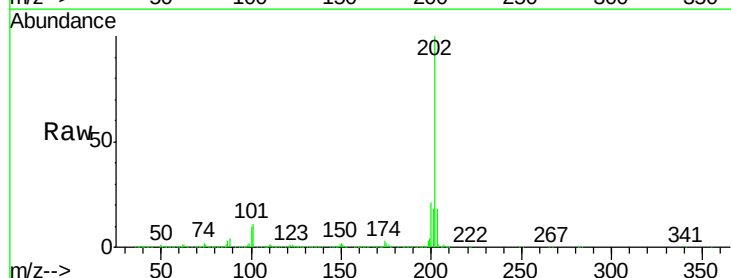
Tgt Ion:202 Resp: 2649927

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

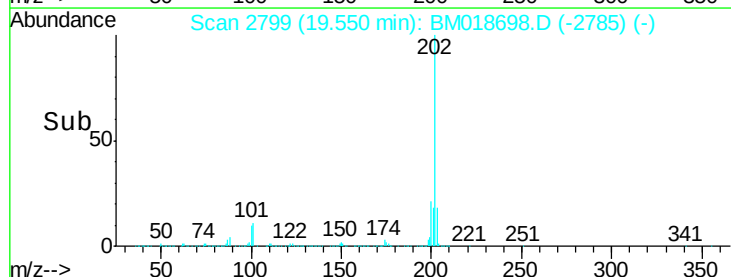
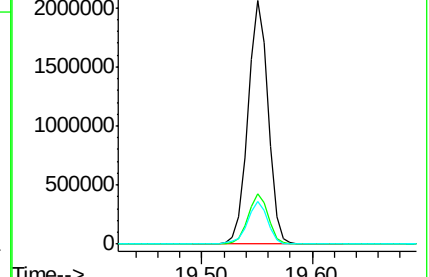
203 17.7 13.8 20.8

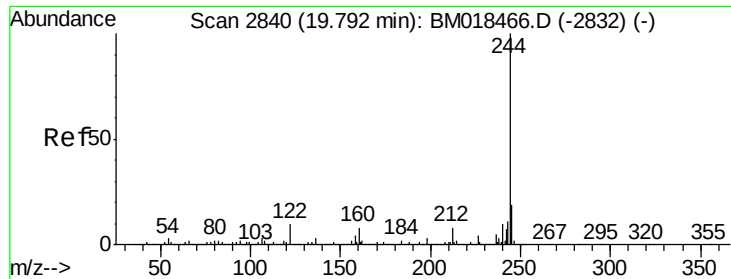


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.889 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

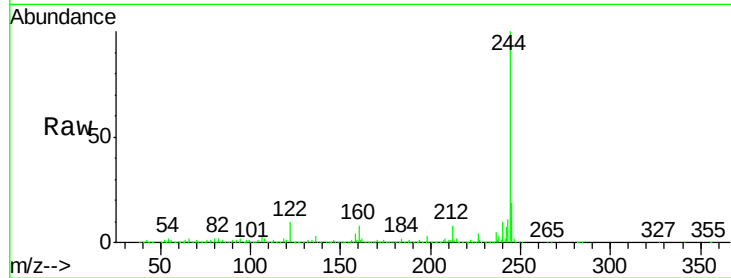
Tgt Ion:244 Resp: 4282113

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

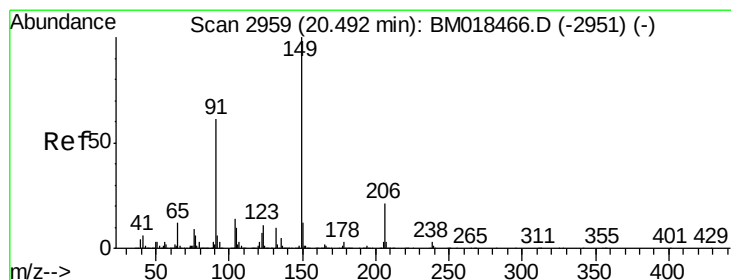
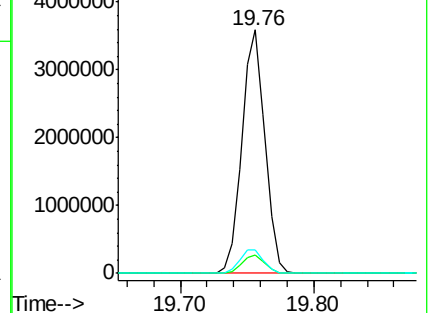
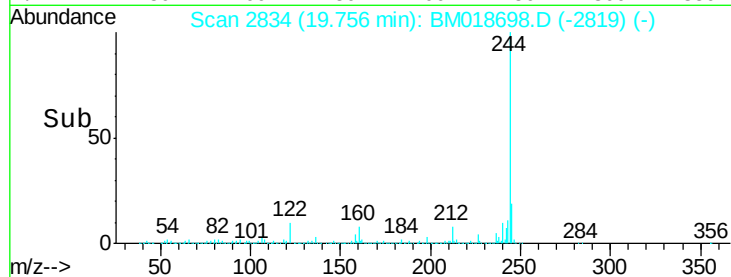
122 9.7 9.0 13.4



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: 44.035 ng

RT: 20.46 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

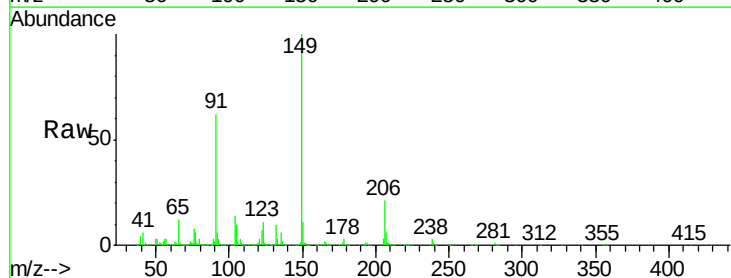
Tgt Ion:149 Resp: 1106179

Ion Ratio Lower Upper

149 100

91 61.6 53.1 79.7

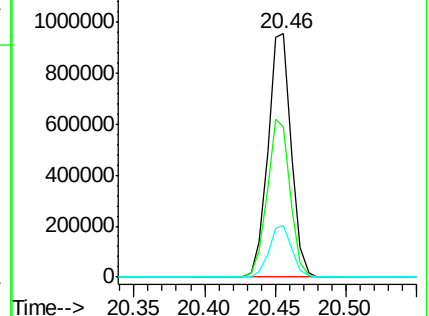
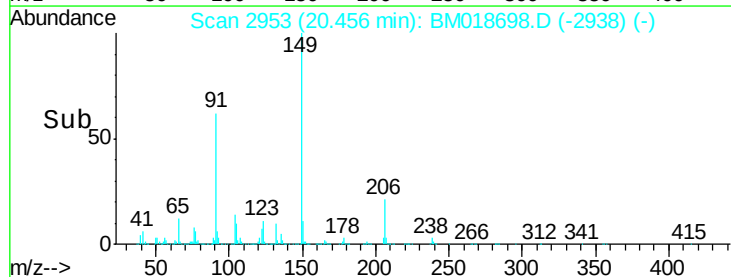
206 21.2 16.2 24.4

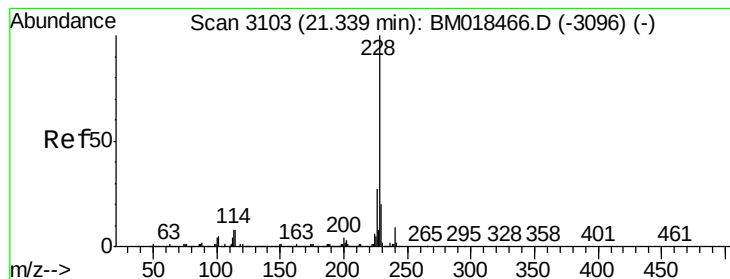


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.116 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

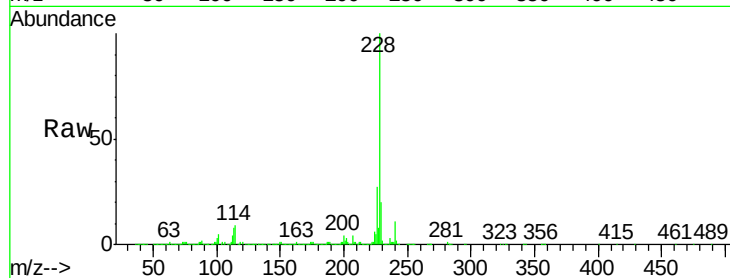
Tgt Ion:228 Resp: 2639715

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

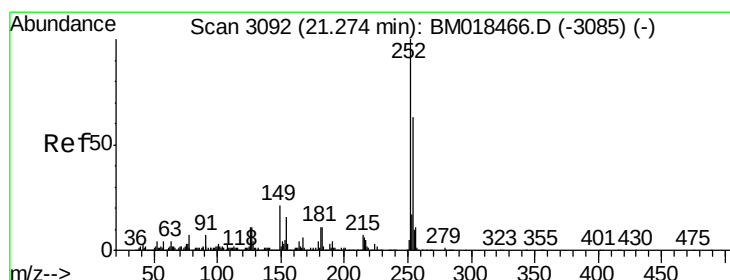
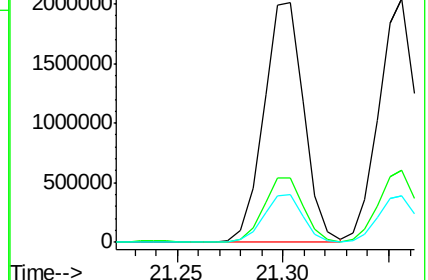
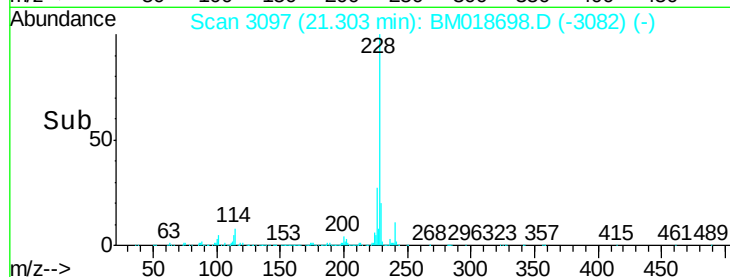
229 19.7 15.8 23.8



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: 41.830 ng

RT: 21.24 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

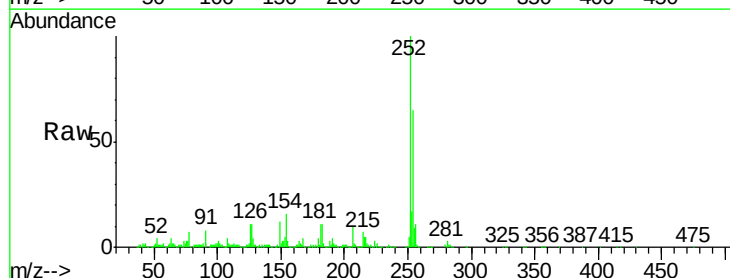
Tgt Ion:252 Resp: 925490

Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.0

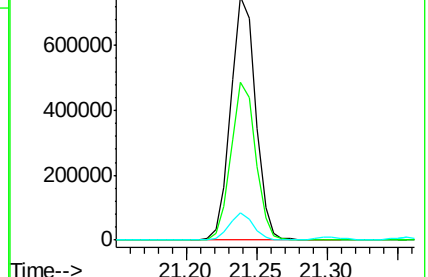
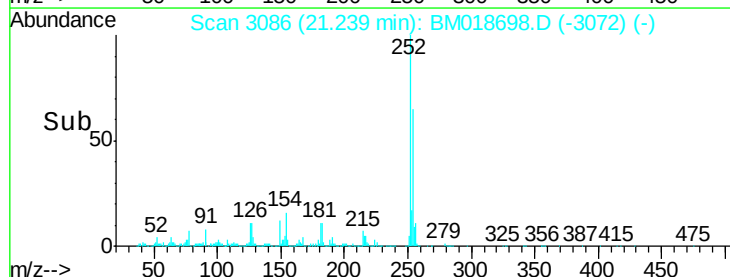
126 11.2 8.7 13.1

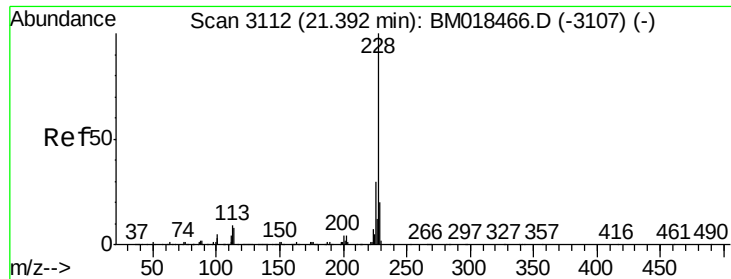


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.463 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

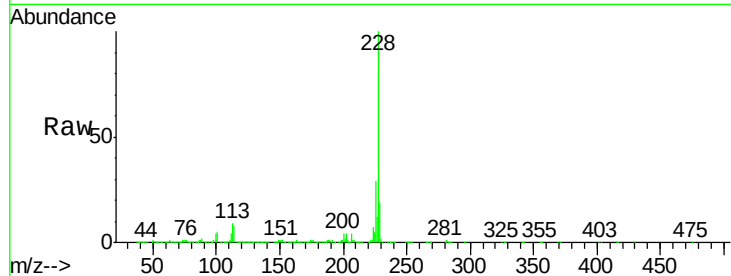
Tgt Ion:228 Resp: 2512159

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.2

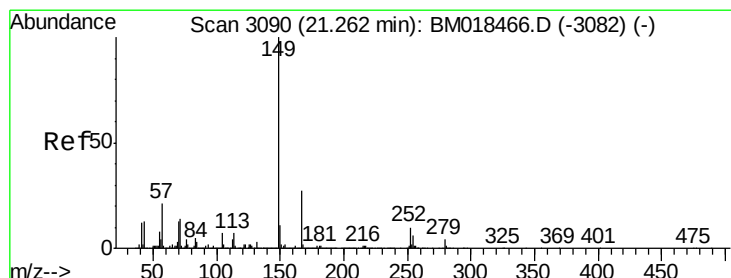
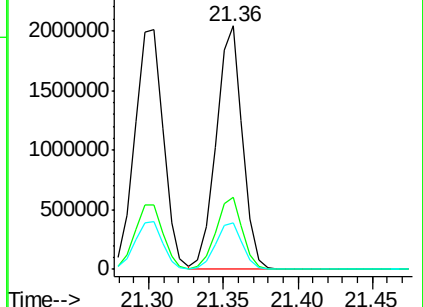
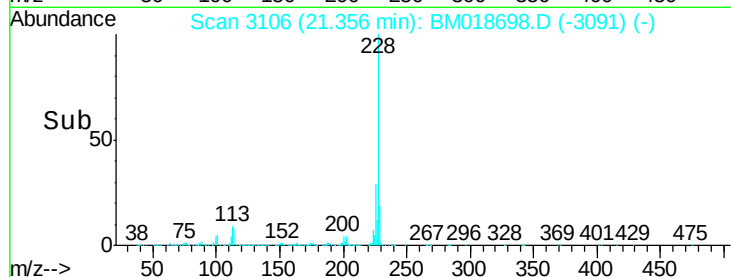
229 19.1 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.177 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

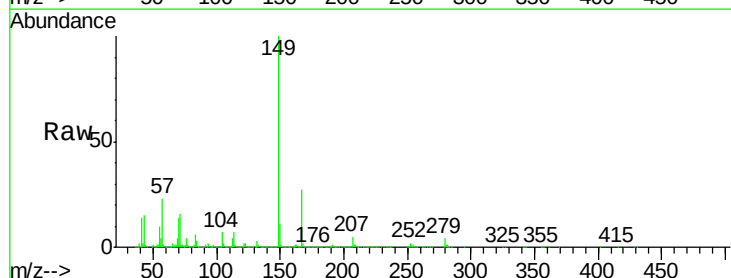
Tgt Ion:149 Resp: 1566213

Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

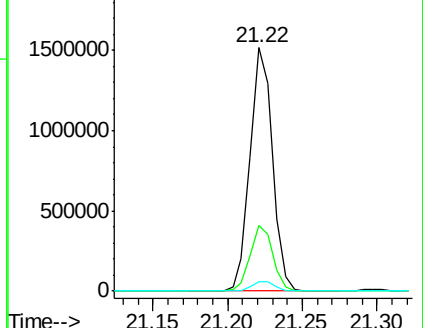
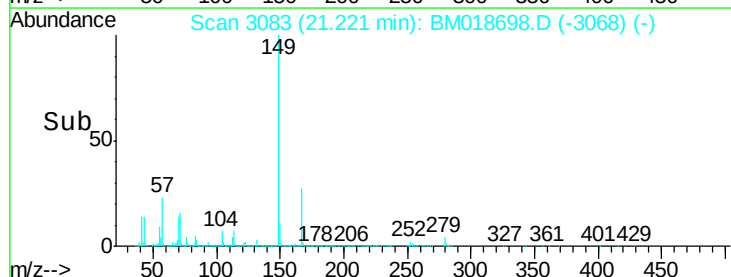
279 4.0 3.3 4.9

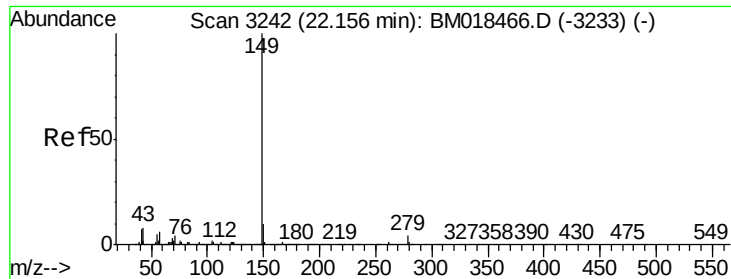


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

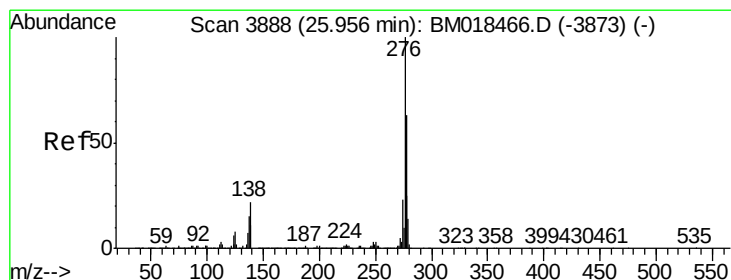
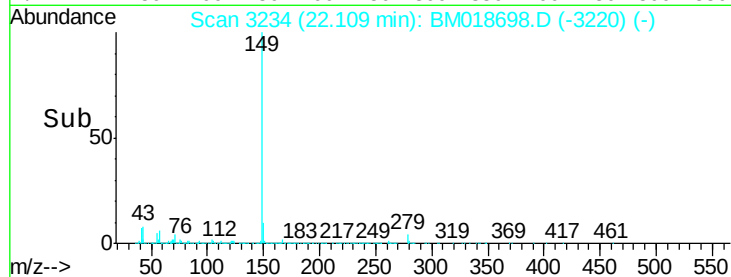
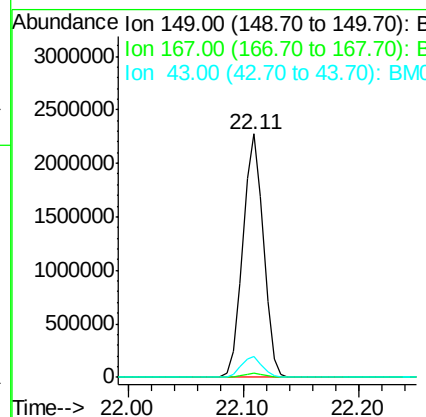
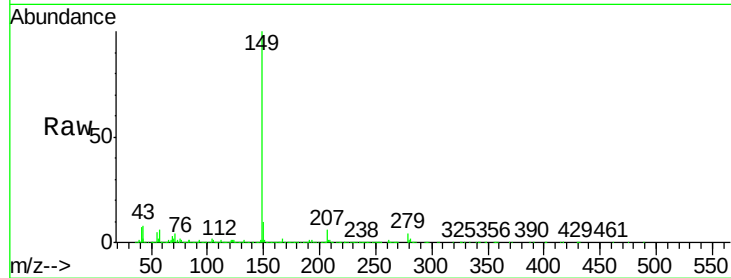




#85
Di-n-octyl phthalate
Concen: 45.738 ng
RT: 22.11 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

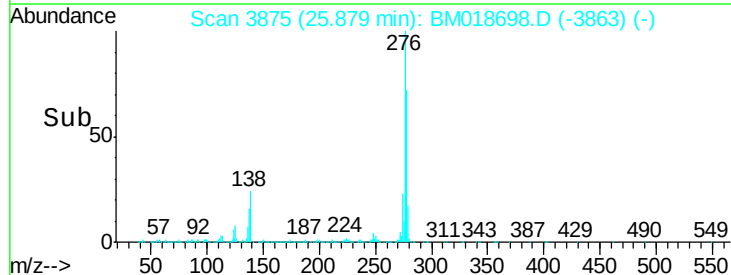
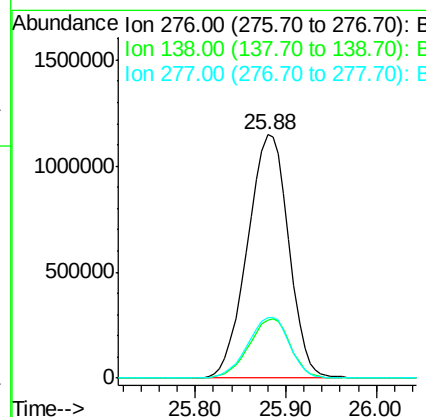
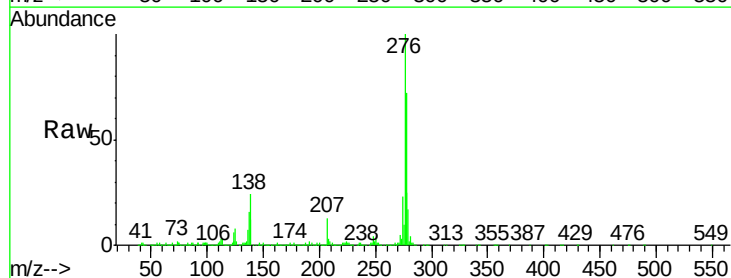
Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

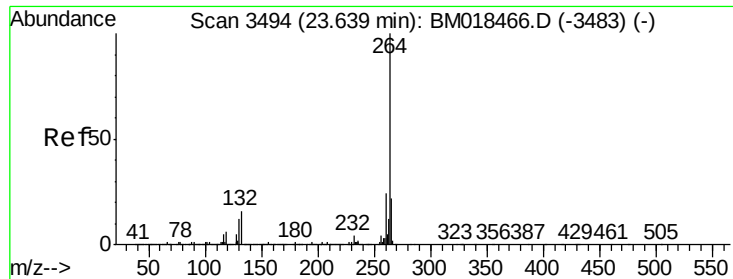
Tgt Ion:149 Resp: 2790460
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 8.6 12.8#



#86
Indeno(1,2,3-cd)pyrene
Concen: 55.618 ng
RT: 25.88 min Scan# 3875
Delta R.T. -0.03 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Tgt Ion:276 Resp: 3623527
Ion Ratio Lower Upper
276 100
138 24.3 21.5 32.3
277 25.3 20.2 30.2

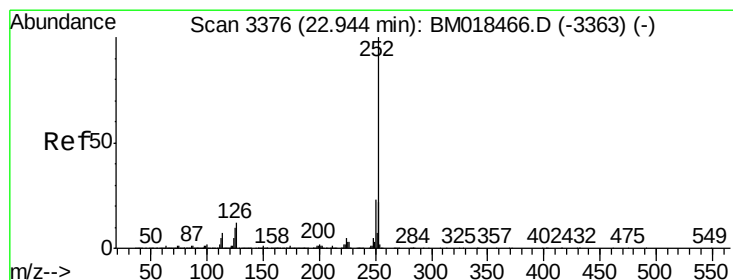
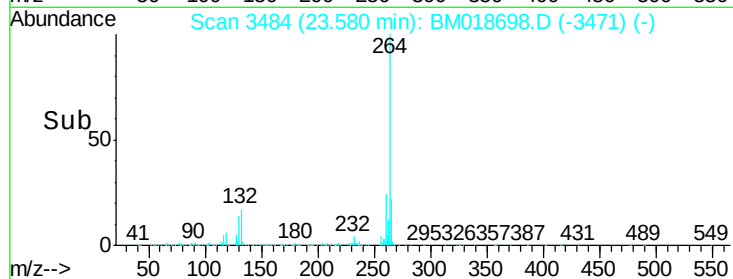
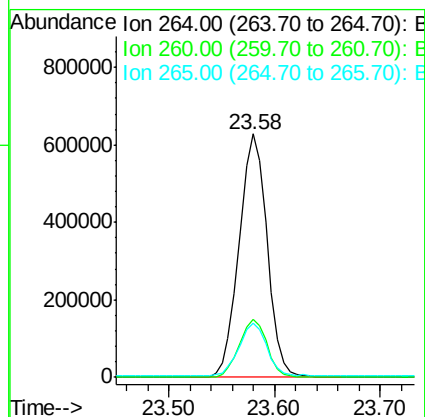
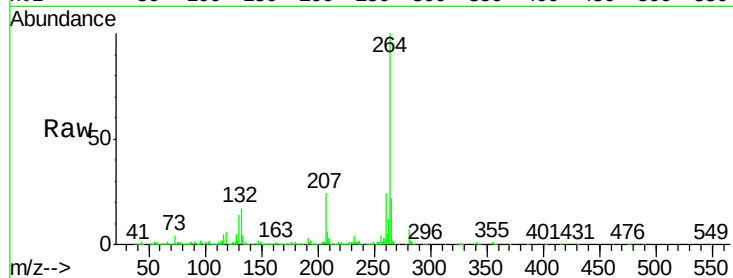




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.58 min Scan# 3484
Delta R.T. -0.02 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

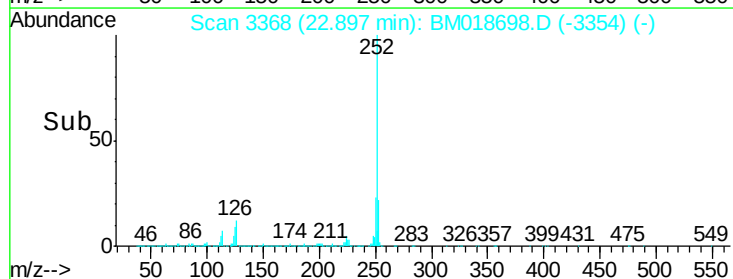
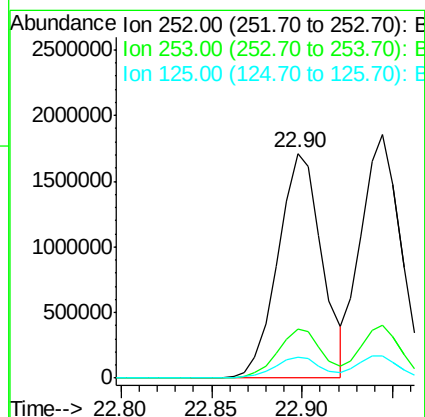
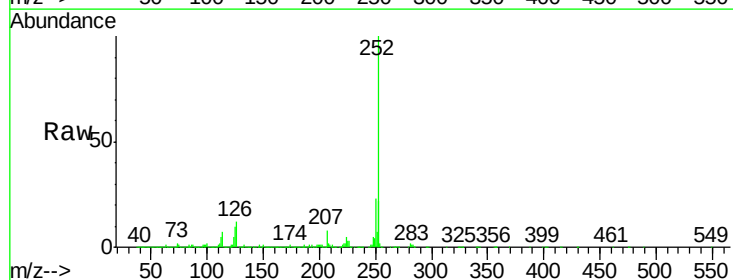
Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

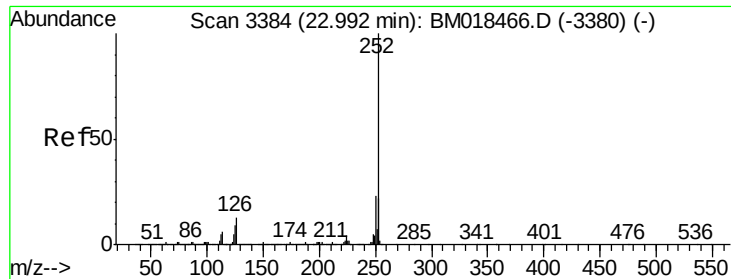
Tgt Ion:264 Resp: 1152849
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.4 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 44.361 ng
RT: 22.90 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Tgt Ion:252 Resp: 2903391
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.5 8.5 12.7





#89

Benzo(k)fluoranthene

Concen: 42.773 ng

RT: 22.94 min Scan# 3376

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMS

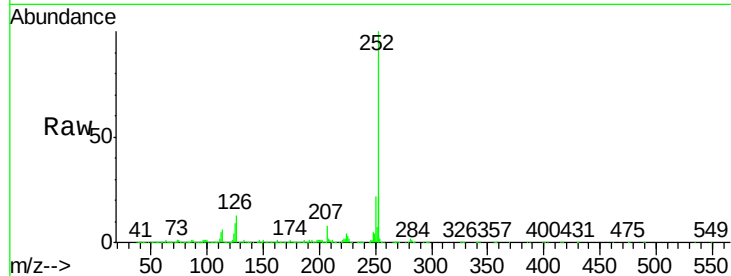
Tgt Ion:252 Resp: 2821296

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

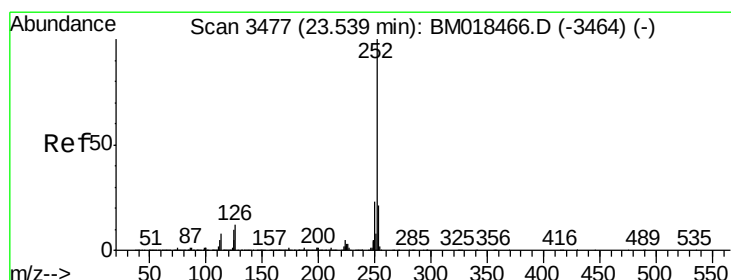
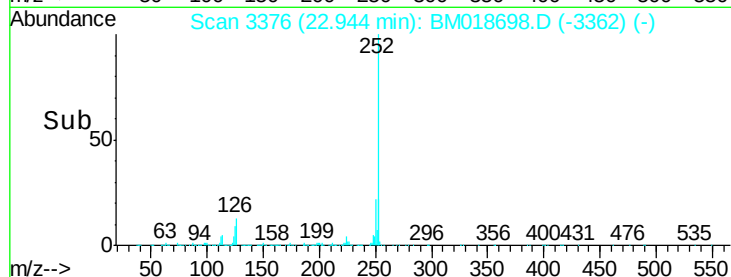
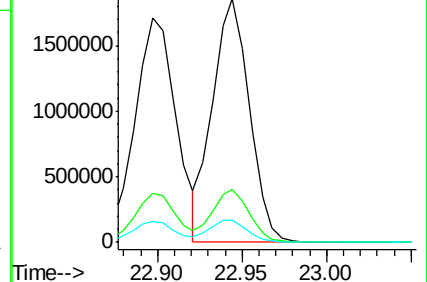
125 8.9 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.979 ng

RT: 23.49 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018698.D

Acq: 30 Jan 2019 17:13

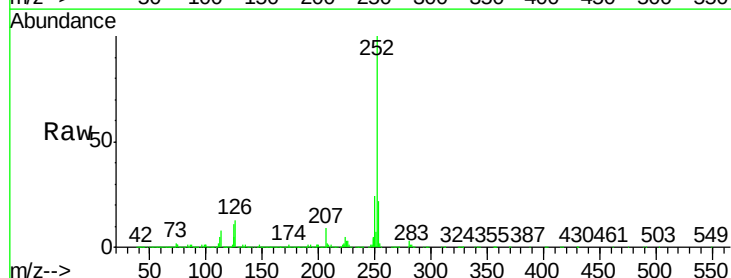
Tgt Ion:252 Resp: 2881018

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

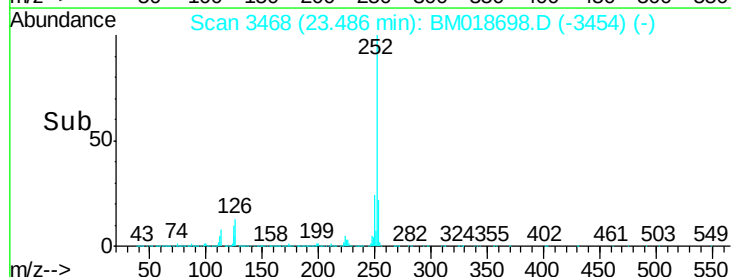
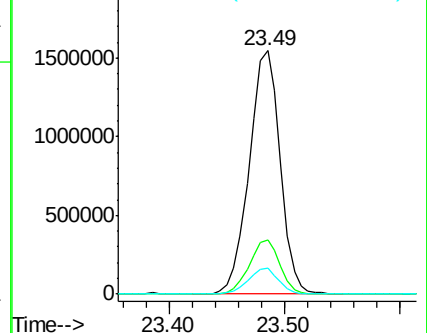
125 10.5 9.7 14.5

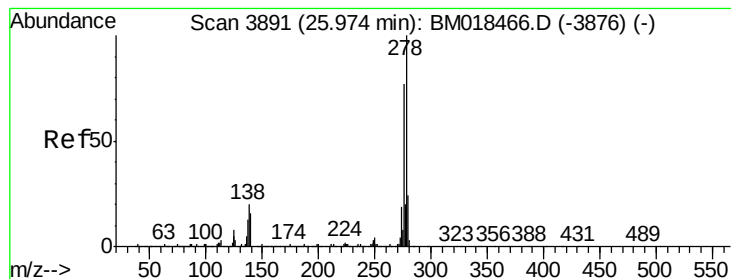


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

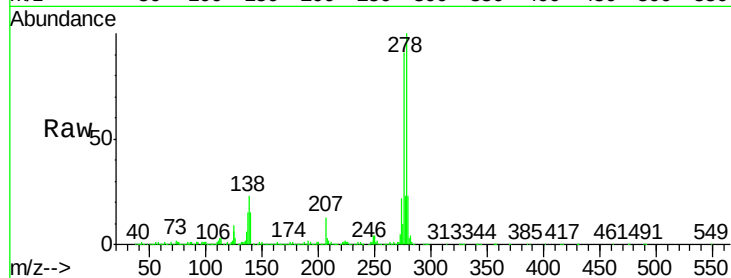




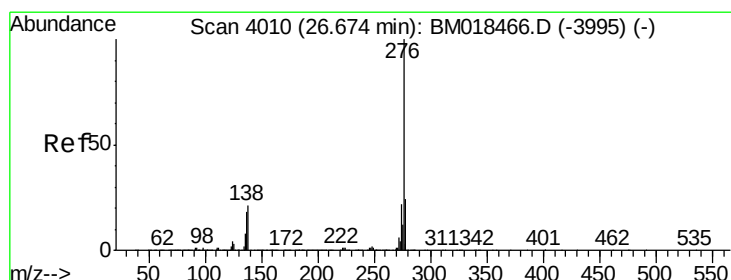
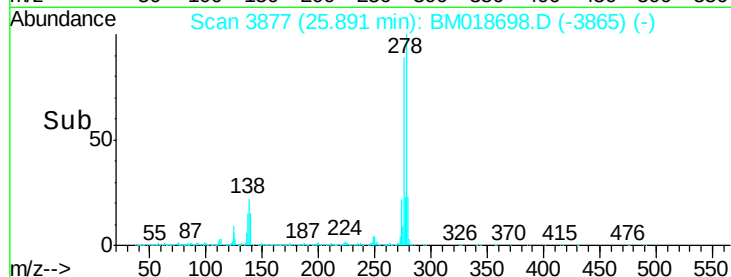
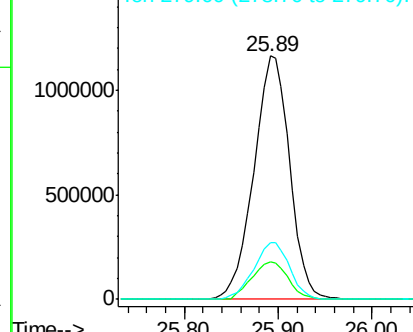
#91
Dibenzo(a,h)anthracene
Concen: 48.341 ng
RT: 25.89 min Scan# 3877
Delta R.T. -0.03 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

Tgt Ion:278 Resp: 3069114
Ion Ratio Lower Upper
278 100
139 15.3 13.2 19.8
279 23.4 19.0 28.4

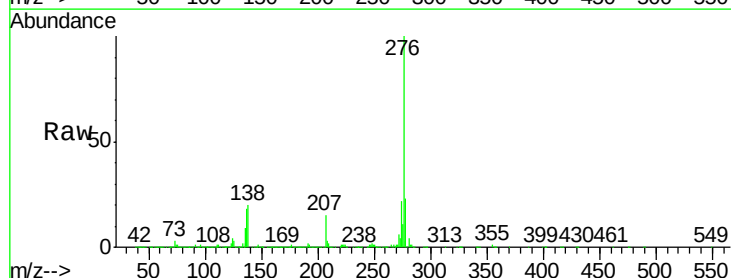


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.058 ng
RT: 26.59 min Scan# 3996
Delta R.T. -0.02 min
Lab File: BM018698.D
Acq: 30 Jan 2019 17:13

Tgt Ion:276 Resp: 3030946
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 20.5 18.1 27.1



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

