

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018733.D
 Acq On : 07 Feb 2019 11:59
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 08 10:04:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	245242	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	958725	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	525407	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1138091	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1148220	20.00	ng	0.00
87) Perylene-d12	23.57	264	1140990	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1099807	82.81	ng	0.00
7) Phenol-d6	6.89	99	1413170	83.77	ng	0.00
23) Nitrobenzene-d5	8.88	82	1339969	81.02	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	565579	84.54	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3222317	80.03	ng	0.00
79) Terphenyl-d14	19.75	244	4700974	86.31	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	207868	38.40	ng	98
3) Pyridine	3.65	79	553430	41.01	ng	96
4) n-Nitrosodimethylamine	3.58	42	231140	41.42	ng	# 92
6) Aniline	7.06	93	834664	44.36	ng	98
8) 2-Chlorophenol	7.28	128	645660	41.62	ng	96
9) Benzaldehyde	6.88	77	343108	33.84	ng	99
10) Phenol	6.92	94	715314	41.73	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	542045	40.24	ng	97
12) 1,3-Dichlorobenzene	7.60	146	737054	39.90	ng	98
13) 1,4-Dichlorobenzene	7.75	146	752722	40.20	ng	99
14) 1,2-Dichlorobenzene	8.06	146	718323	40.46	ng	99
15) Benzyl Alcohol	7.96	79	502550	41.25	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	746106	43.35	ng	96
17) 2-Methylphenol	8.16	107	486845	41.84	ng	99
18) Hexachloroethane	8.78	117	258098	38.66	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	442985	40.35	ng	94
20) 3+4-Methylphenols	8.49	107	677369	42.17	ng	99
22) Acetophenone	8.55	105	932187	39.31	ng	# 98
24) Nitrobenzene	8.93	77	659161	40.51	ng	97
25) Isophorone	9.45	82	997479	39.83	ng	98
26) 2-Nitrophenol	9.63	139	349392	44.41	ng	96
27) 2,4-Dimethylphenol	9.68	122	482925	40.95	ng	98
28) bis(2-Chloroethoxy)methane	9.93	93	695826	40.22	ng	99
29) 2,4-Dichlorophenol	10.16	162	589363	41.97	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	689118	39.53	ng	99
31) Naphthalene	10.56	128	1854438	40.16	ng	99
32) Benzoic acid	9.83	122	344821	44.04	ng	99
33) 4-Chloroaniline	10.68	127	810568	44.58	ng	98
34) Hexachlorobutadiene	10.82	225	423668	38.47	ng	99
35) Caprolactam	11.49	113	190976	40.00	ng	89
36) 4-Chloro-3-methylphenol	11.80	107	609010	41.34	ng	98
37) 2-Methylnaphthalene	12.17	142	1288416	39.49	ng	99
38) 1-Methylnaphthalene	12.39	142	1258027	39.86	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	743358	40.46	ng	98

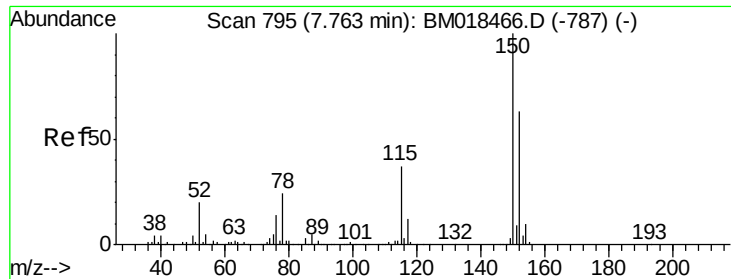
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	343650	34.08	ng	100
43) 2,4,6-Trichlorophenol	12.79	196	482017	43.20	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	494431	42.14	ng	96
46) 1,1'-Biphenyl	13.19	154	1839070	40.09	ng	99
47) 2-Chloronaphthalene	13.24	162	1433206	40.29	ng	99
48) 2-Nitroaniline	13.46	65	372089	42.51	ng	94
49) Acenaphthylene	14.09	152	2113211	40.76	ng	100
50) Dimethylphthalate	13.83	163	1692413	39.22	ng	99
51) 2,6-Dinitrotoluene	13.96	165	377709	41.32	ng	94
52) Acenaphthene	14.43	154	1274922	40.19	ng	98
53) 3-Nitroaniline	14.29	138	397568	43.14	ng	97
54) 2,4-Dinitrophenol	14.50	184	157282	36.13	ng	92
55) Dibenzofuran	14.77	168	2067037	39.44	ng	99
56) 4-Nitrophenol	14.60	139	289660	36.39	ng	98
57) 2,4-Dinitrotoluene	14.75	165	512822	39.65	ng	99
58) Fluorene	15.42	166	1552615	39.77	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	423213	40.69	ng	97
60) Diethylphthalate	15.20	149	1702133	39.07	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	882123	39.20	ng	98
62) 4-Nitroaniline	15.46	138	368988	36.71	ng	97
63) Azobenzene	15.70	77	1449389	40.81	ng	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	296671	41.69	ng	91
66) n-Nitrosodiphenylamine	15.63	169	1474352	41.76	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	524070	41.15	ng	98
68) Hexachlorobenzene	16.41	284	581146	40.76	ng	100
69) Atrazine	16.59	200	462233	36.22	ng	99
70) Pentachlorophenol	16.76	266	389505	41.71	ng	97
71) Phenanthrene	17.16	178	2451591	40.50	ng	99
72) Anthracene	17.25	178	2418336	41.54	ng	100
73) Carbazole	17.53	167	2450916	40.98	ng	99
74) Di-n-butylphthalate	18.08	149	2730194	41.68	ng	99
75) Fluoranthene	19.18	202	2750146	39.40	ng	99
77) Benzidine	19.37	184	959406	33.84	ng	100
78) Pyrene	19.55	202	2907185	42.71	ng	99
80) Butylbenzylphthalate	20.45	149	1235818	42.55	ng	98
81) Benzo(a)anthracene	21.29	228	2754659	40.72	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1011680	39.55	ng	100
83) Chrysene	21.34	228	2660231	40.73	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	1731077	41.28	ng	100
85) Di-n-octyl phthalate	22.10	149	2889436	40.96	ng	96
86) Indeno(1,2,3-cd)pyrene	25.87	276	2928086	38.87	ng	98
88) Benzo(b)fluoranthene	22.89	252	2608979	40.28	ng	99
89) Benzo(k)fluoranthene	22.93	252	2653973	40.65	ng	99
90) Benzo(a)pyrene	23.47	252	2518415	40.61	ng	98
91) Dibenzo(a,h)anthracene	25.87	278	2440431	38.84	ng	100
92) Benzo(g,h,i)perylene	26.57	276	2434821	39.82	ng	98

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

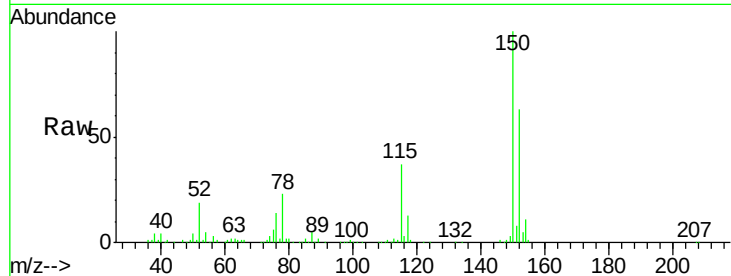


#1

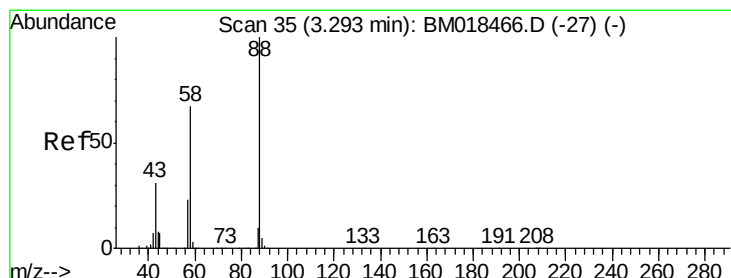
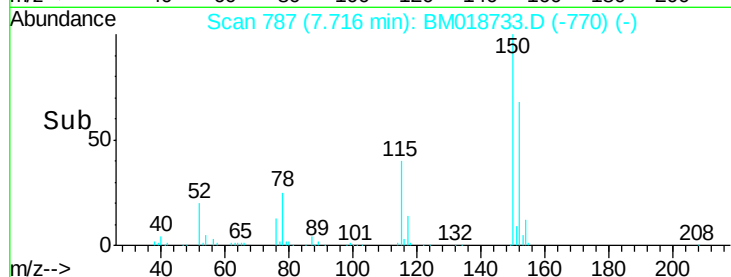
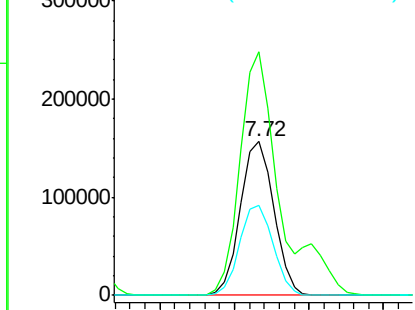
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.9	190.3
115	58.9	45.5	68.3



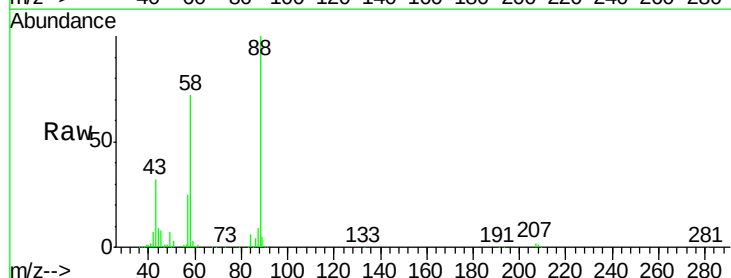
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



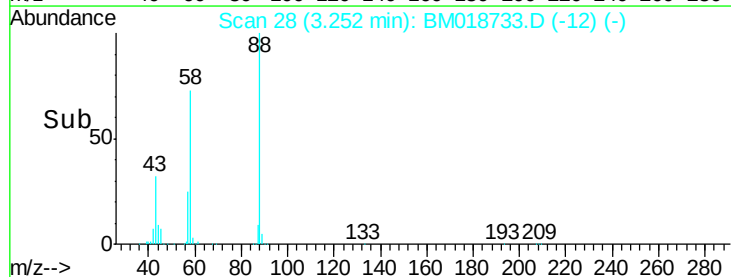
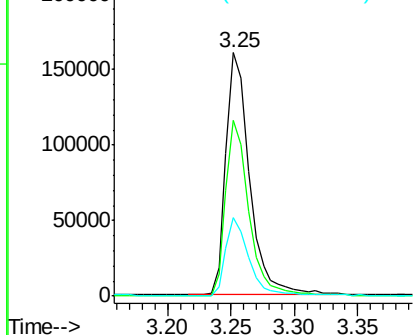
#2

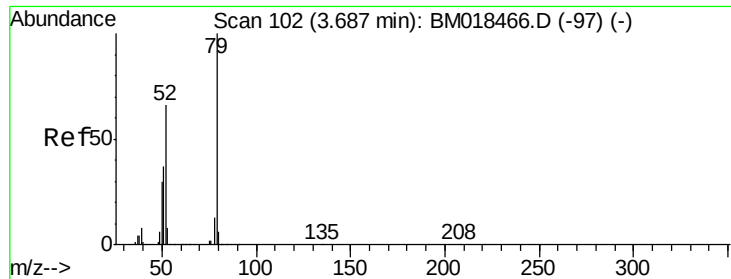
1,4-Dioxane
Concen: 38.40 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	58.4	87.6
43	31.1	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

Pvridine

Concen: 41.01 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

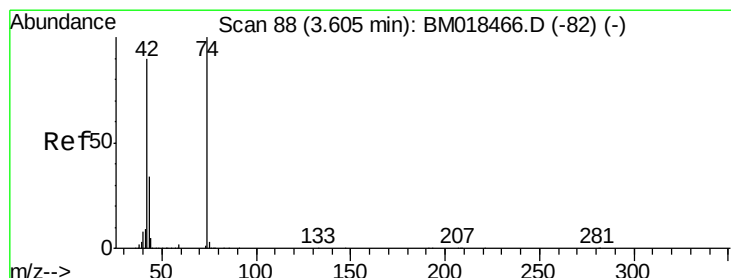
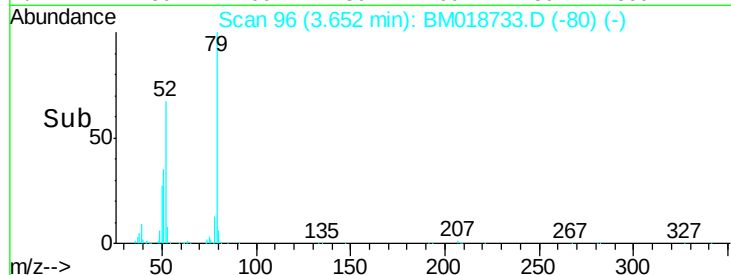
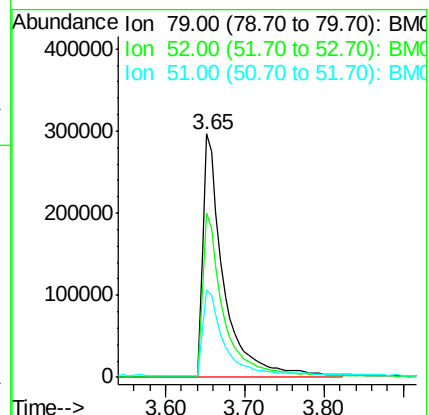
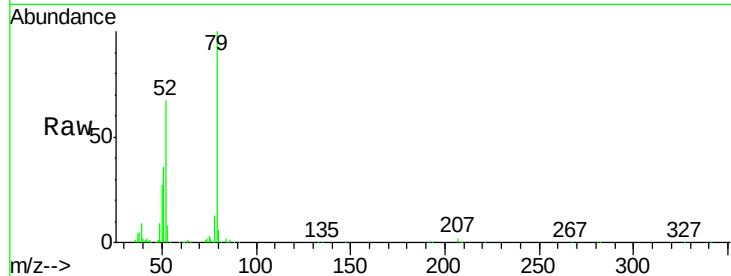
Tot Ion: 79 Resp: 553430

Ion Ratio Lower Upper

79 100

52 67.3 56.4 84.6

51 35.9 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 41.42 ng

RT: 3.58 min Scan# 83

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

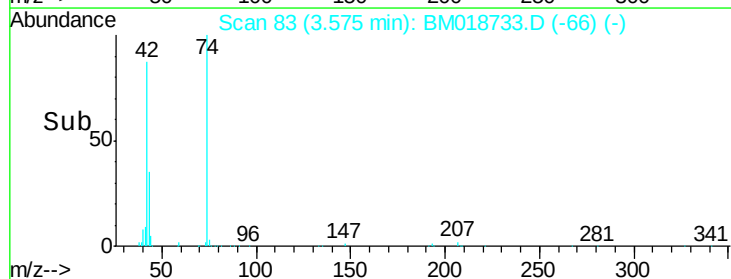
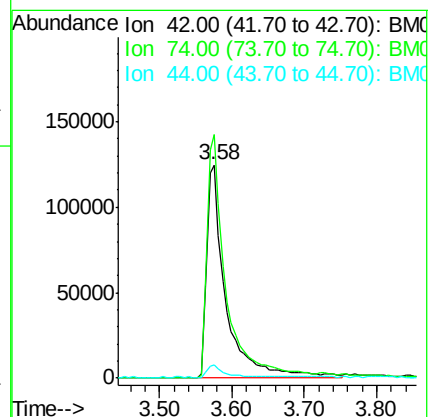
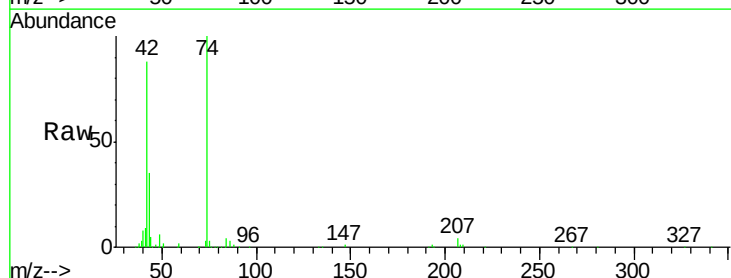
Tgt Ion: 42 Resp: 231140

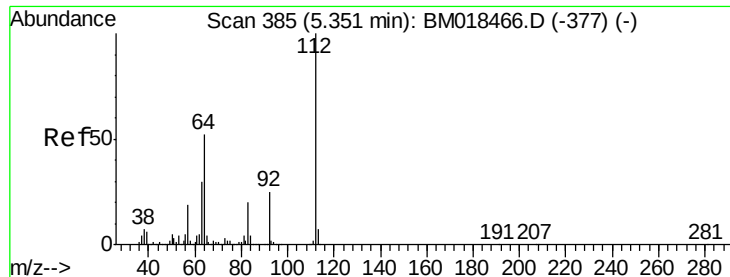
Ion Ratio Lower Upper

42 100

74 114.2 88.6 132.8

44 6.0 16.9 25.3#





#5

2-Fluorophenol

Concen: 82.81 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

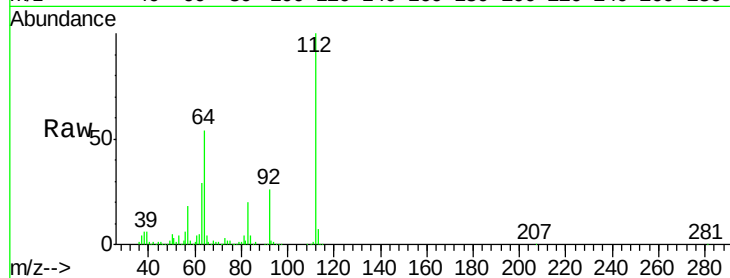
Tot Ion:112 Resp: 1099807

Ion Ratio Lower Upper

112 100

64 53.7 46.5 69.7

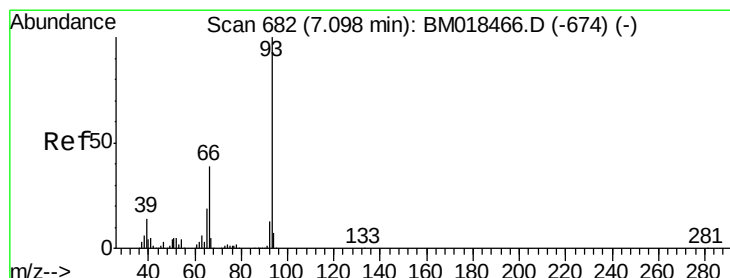
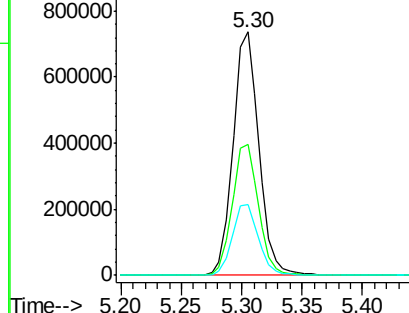
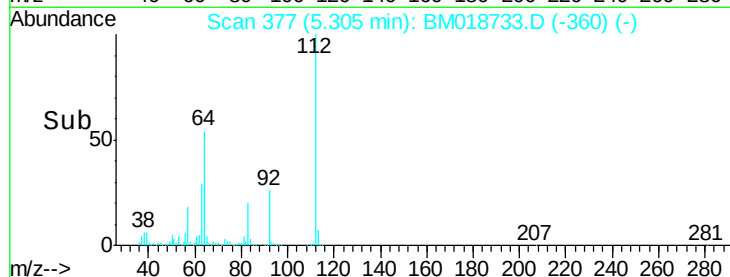
63 29.2 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 44.36 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

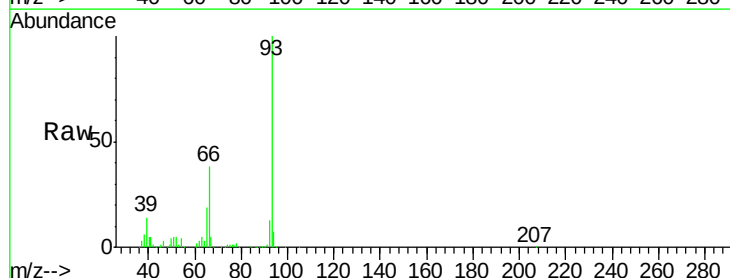
Tgt Ion: 93 Resp: 834664

Ion Ratio Lower Upper

93 100

66 38.3 31.7 47.5

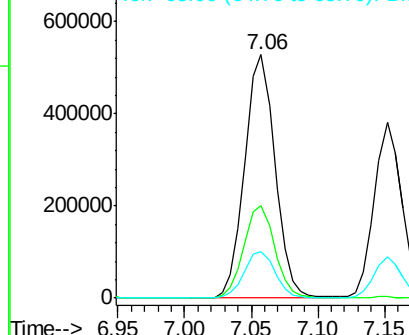
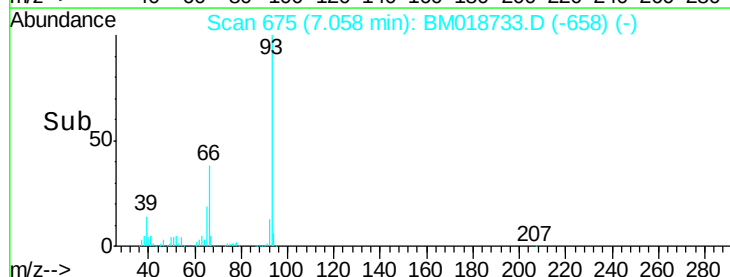
65 19.1 15.9 23.9

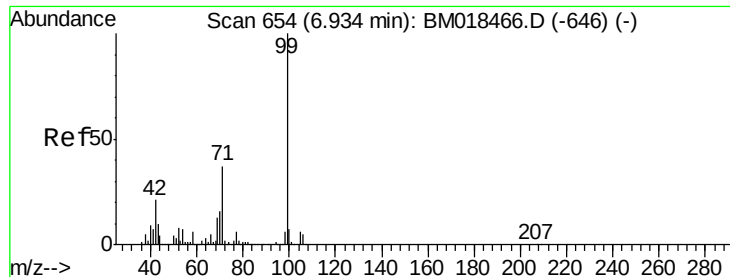


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 83.77 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

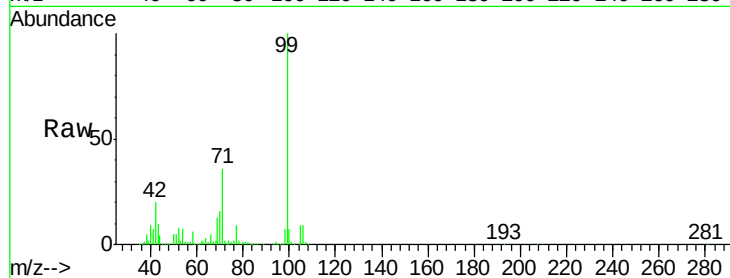
Tot Ion: 99 Resp: 1413170

Ion Ratio Lower Upper

99 100

42 20.1 17.3 25.9

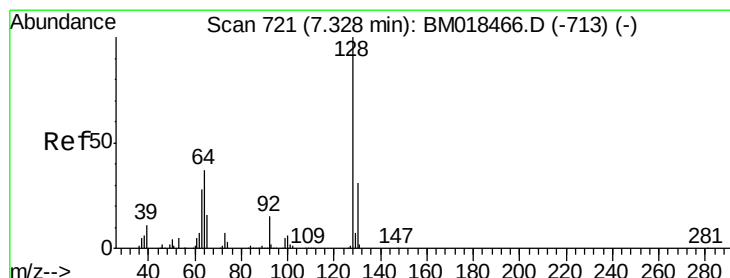
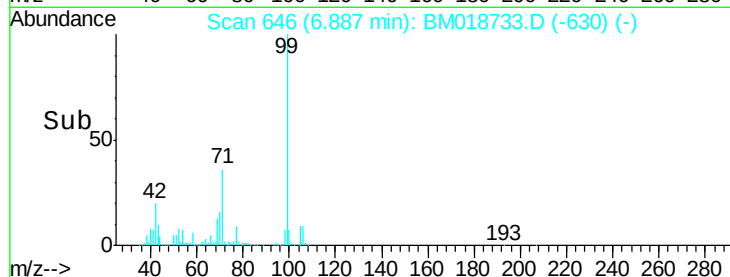
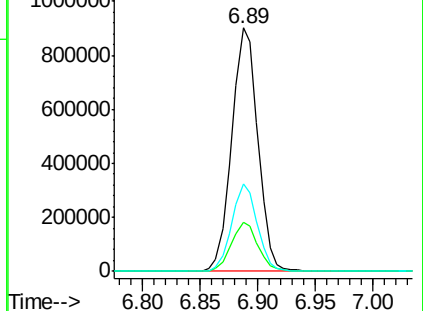
71 35.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 41.62 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

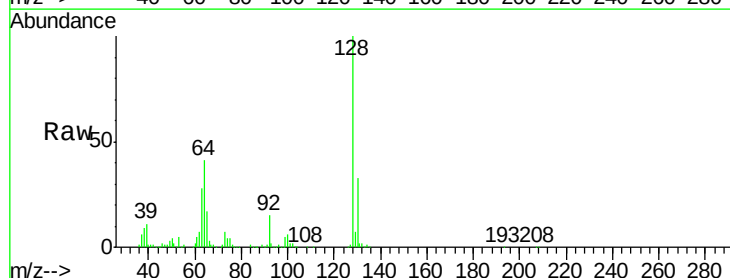
Tgt Ion: 128 Resp: 645660

Ion Ratio Lower Upper

128 100

130 32.9 13.6 53.6

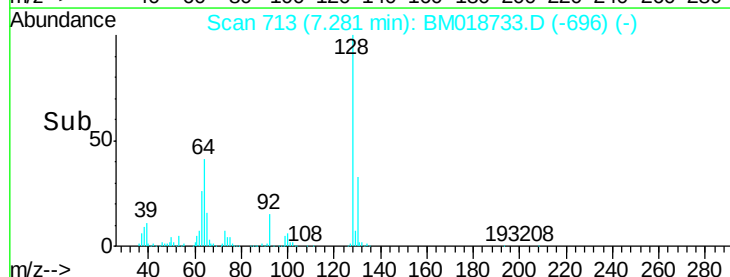
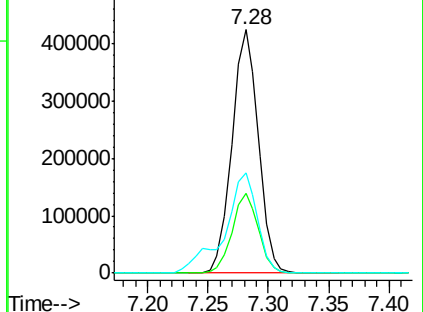
64 41.1 24.8 64.8

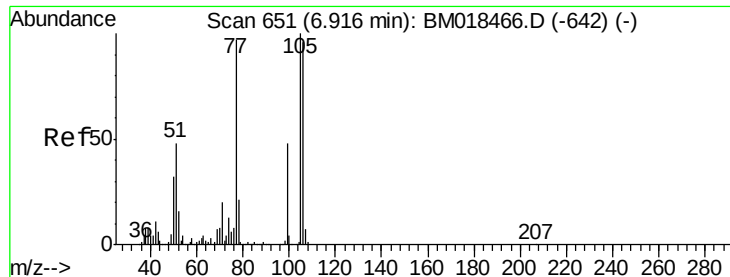


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 33.84 ng

RT: 6.88 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

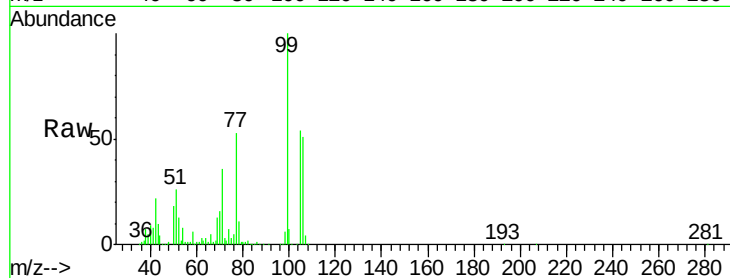
Tot Ion: 77 Resp: 343108

Ion Ratio Lower Upper

77 100

105 101.3 79.7 119.7

106 96.4 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018733.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018733.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018733.D (-627) (-)

250000

200000

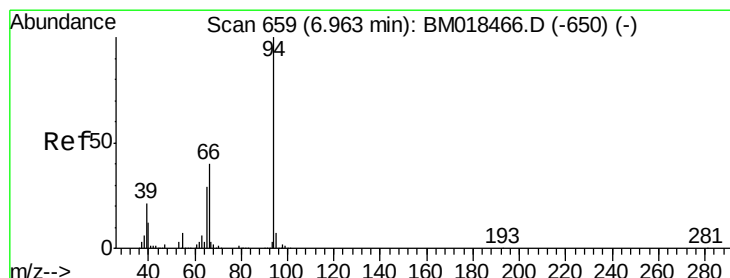
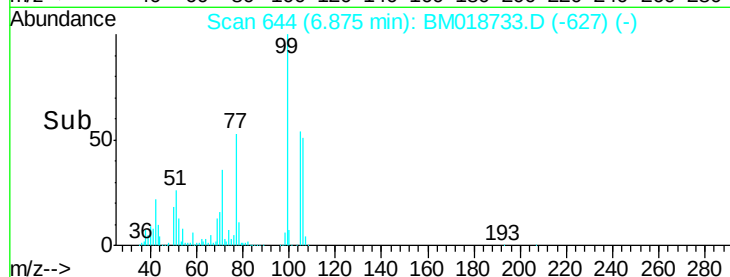
150000

100000

50000

0

Time-->



#10

Phenol

Concen: 41.73 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

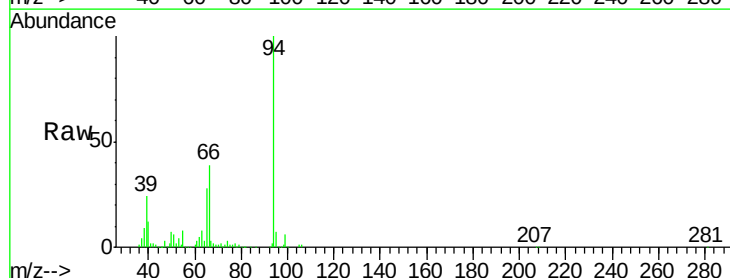
Tgt Ion: 94 Resp: 715314

Ion Ratio Lower Upper

94 100

65 28.2 9.4 49.4

66 38.8 19.1 59.1



Abundance Ion 94.00 (93.70 to 94.70): BM018733.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018733.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018733.D (-634) (-)

600000

500000

400000

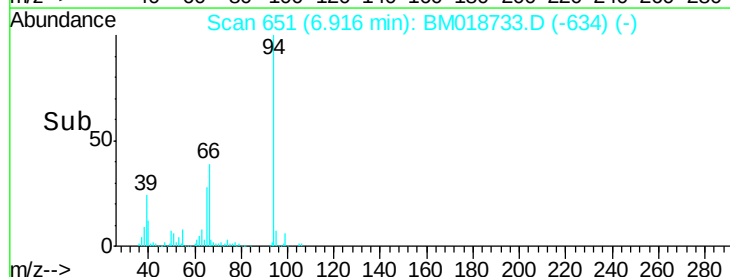
300000

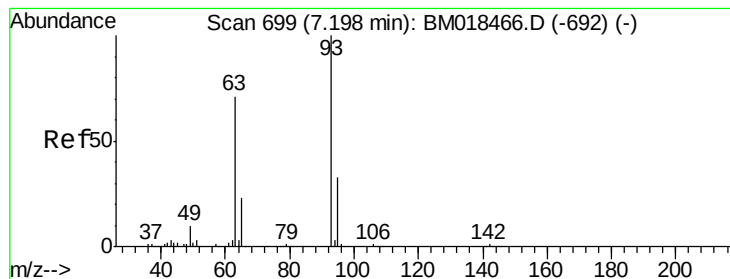
200000

100000

0

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 40.24 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

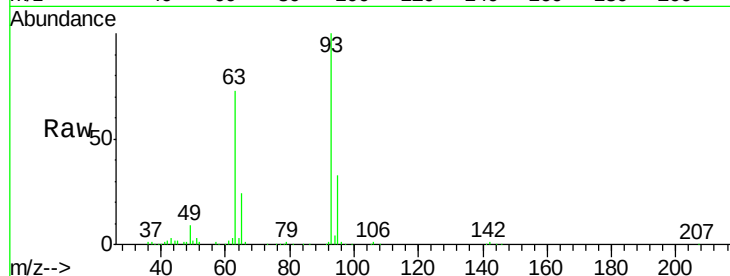
Tot Ion: 93 Resp: 542045

Ion Ratio Lower Upper

93 100

63 72.7 56.4 96.4

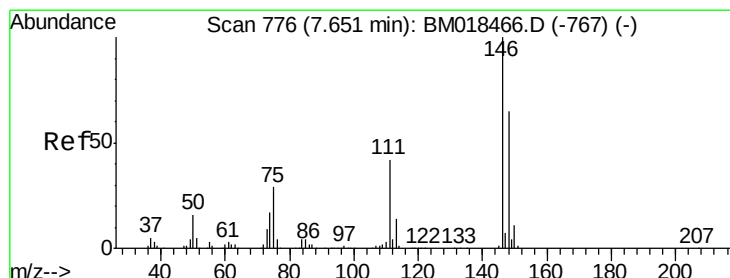
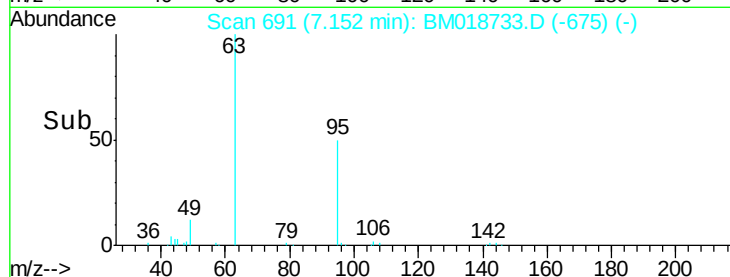
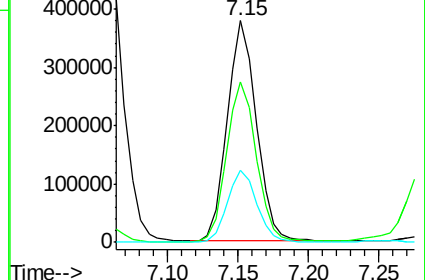
95 32.8 12.7 52.7



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: 39.90 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

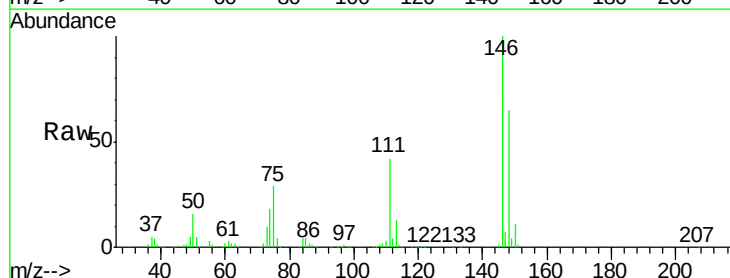
Tgt Ion: 146 Resp: 737054

Ion Ratio Lower Upper

146 100

148 64.5 50.5 75.7

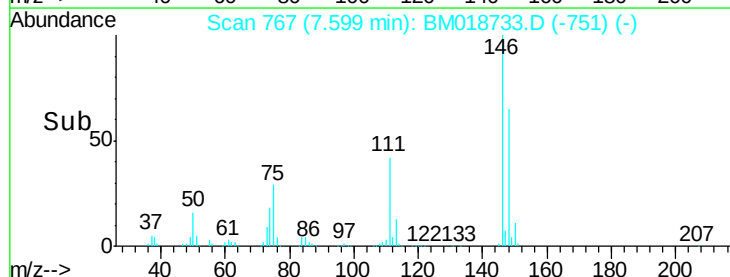
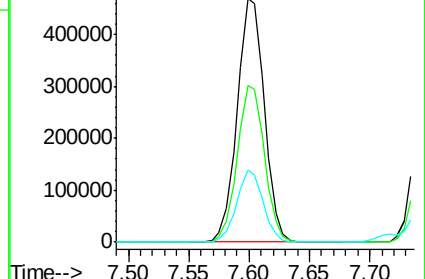
75 29.4 23.0 34.6

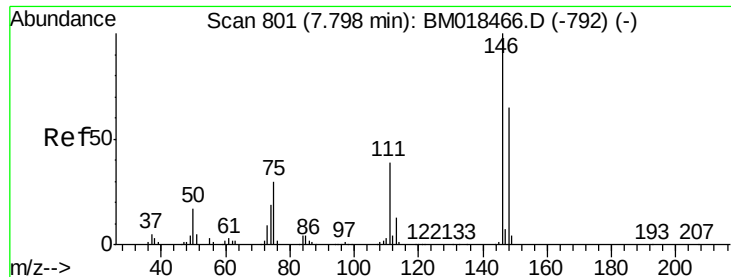


Abundance Ion 146.00 (145.70 to 146.70): BM018466.D (-767) (-)

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

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

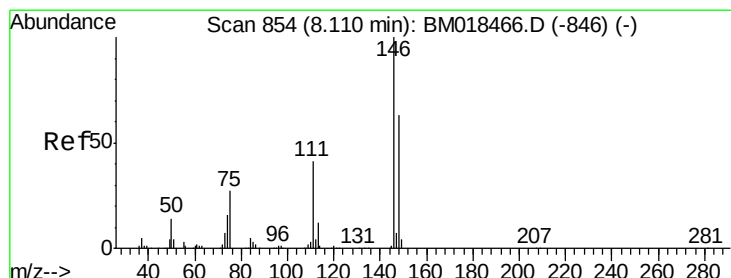
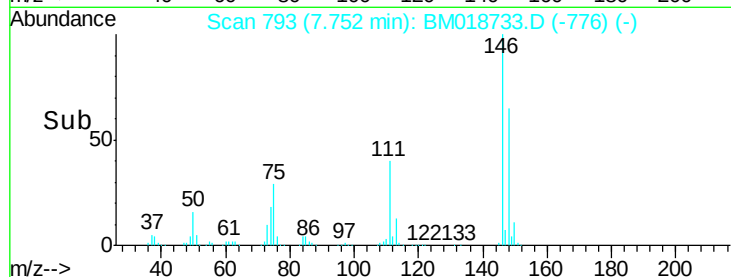
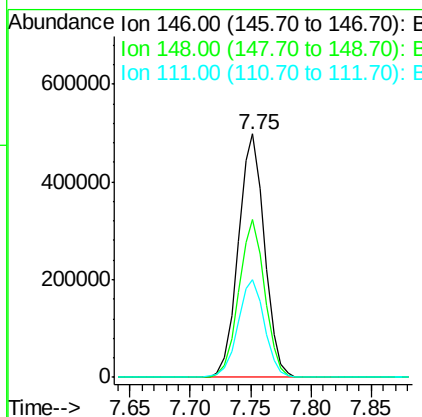
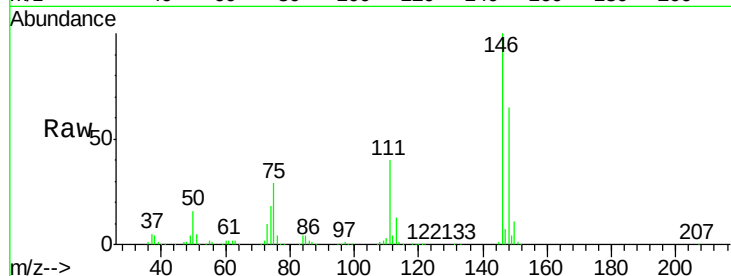




#13
 1,4-Dichlorobenzene
 Concen: 40.20 ng
 RT: 7.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

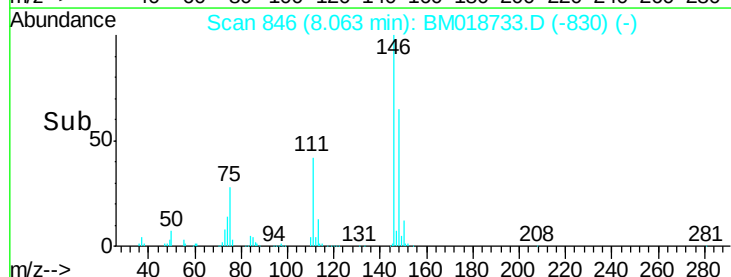
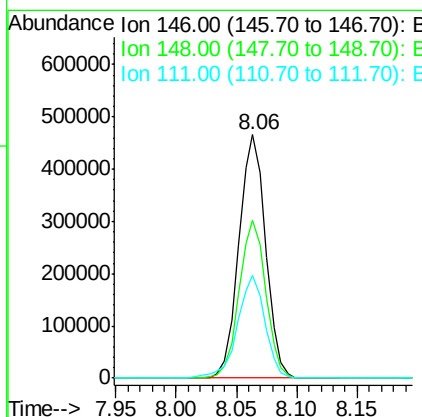
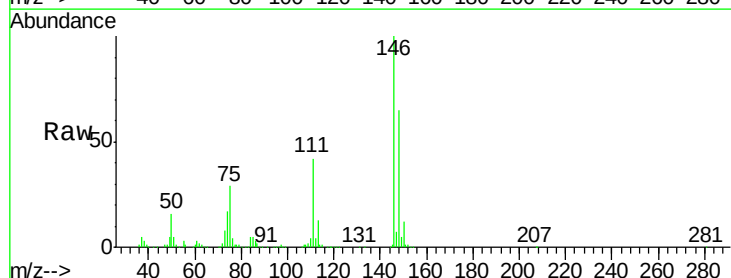
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

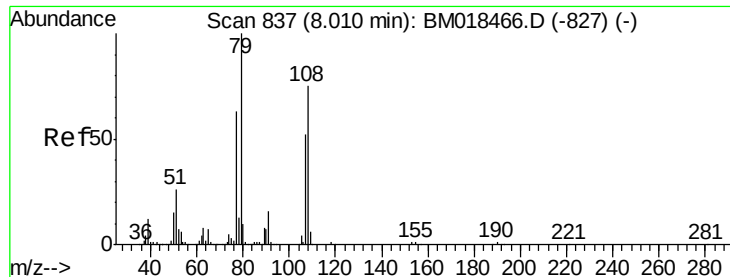
Tot Ion:146 Resp: 752722
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 39.9 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 40.46 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Tgt Ion:146 Resp: 718323
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 42.3 33.8 50.6





#15

Benzyl Alcohol

Concen: 41.25 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

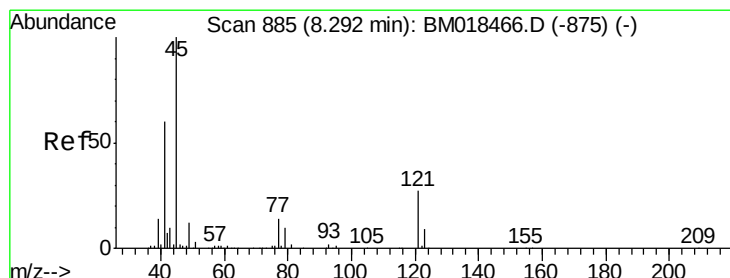
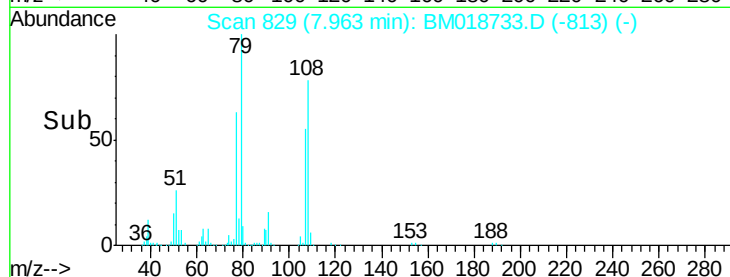
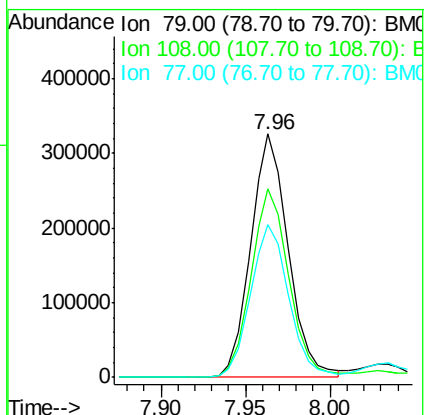
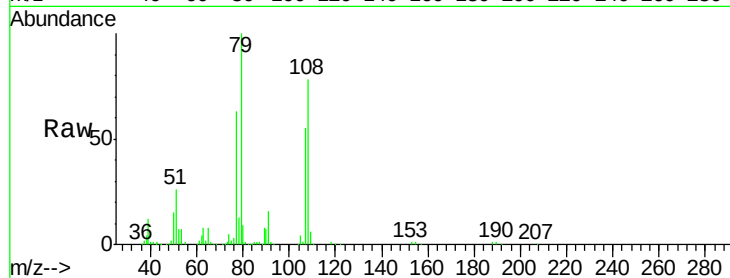
Tot Ion: 79 Resp: 502550

Ion Ratio Lower Upper

79 100

108 77.6 60.4 90.6

77 63.0 53.4 80.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.35 ng

RT: 8.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

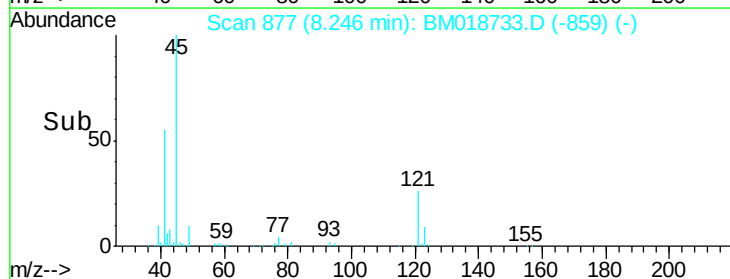
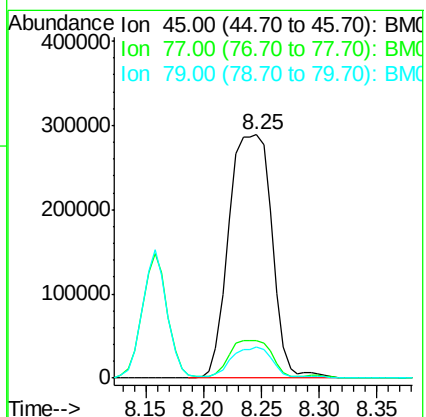
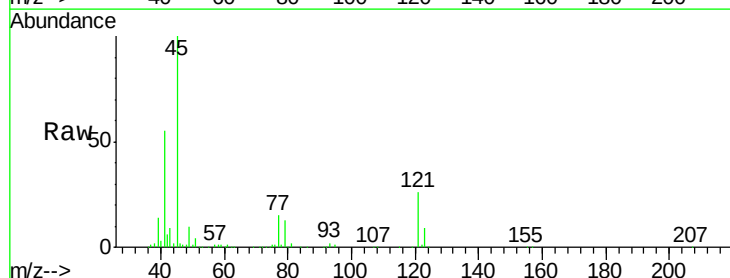
Tgt Ion: 45 Resp: 746106

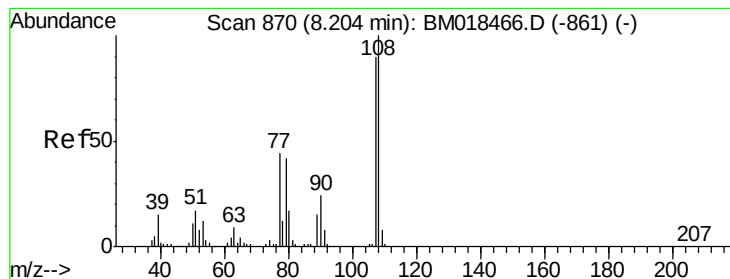
Ion Ratio Lower Upper

45 100

77 15.3 0.0 33.4

79 12.5 0.0 31.1

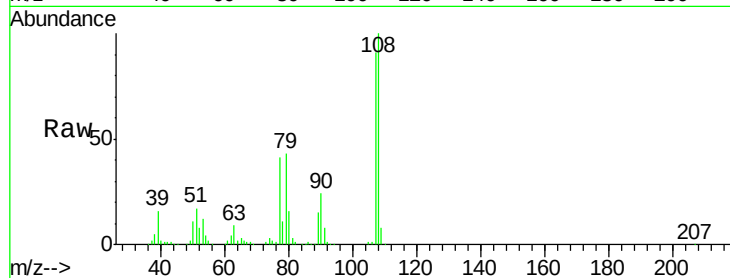




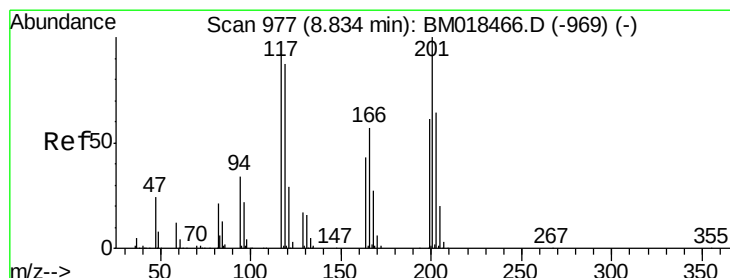
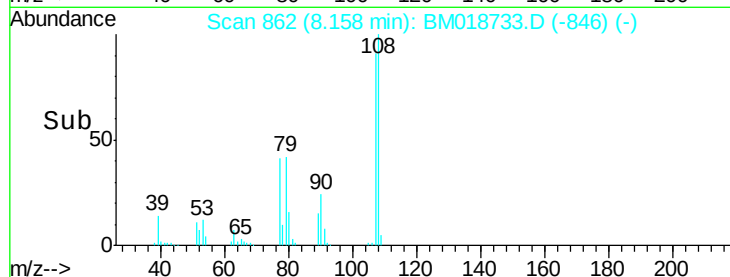
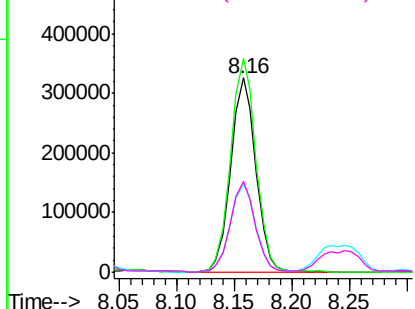
#17
2-Methylphenol
Concen: 41.84 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	486845
Ion	Ratio	Lower	Upper
107	100		
108	109.8	87.5	131.3
77	45.4	37.3	55.9
79	46.7	36.4	54.6

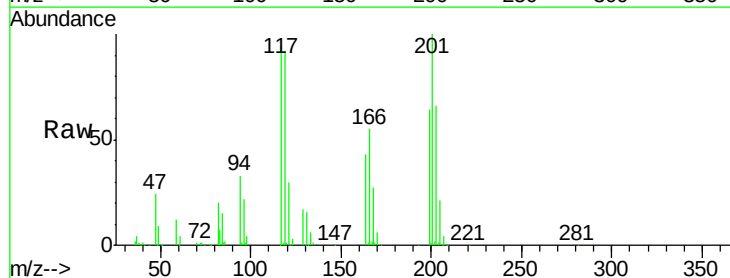


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

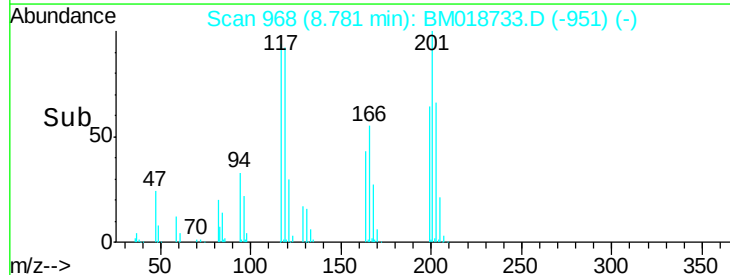
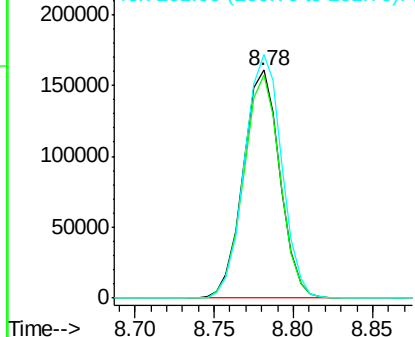


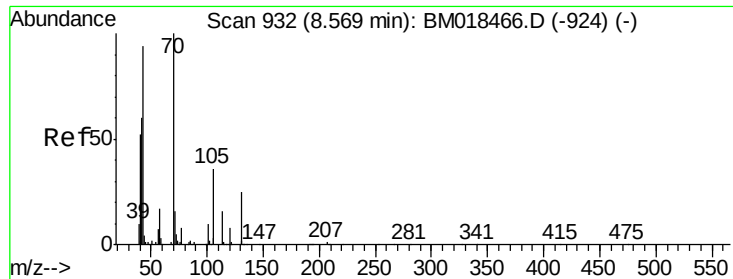
#18
Hexachloroethane
Concen: 38.66 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:	117	Resp:	258098
Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.3	117.5
201	106.8	81.4	122.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

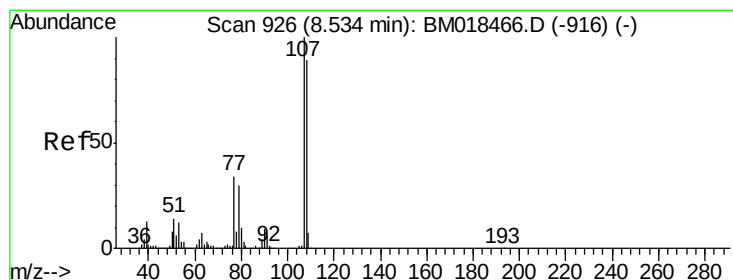
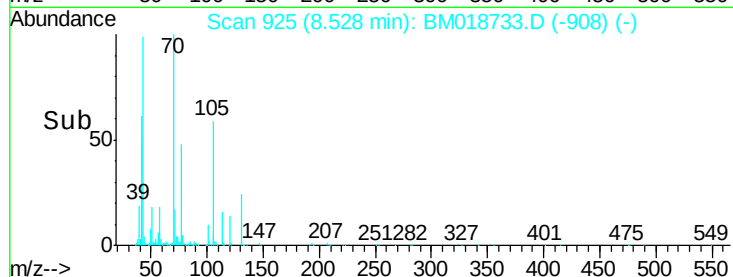
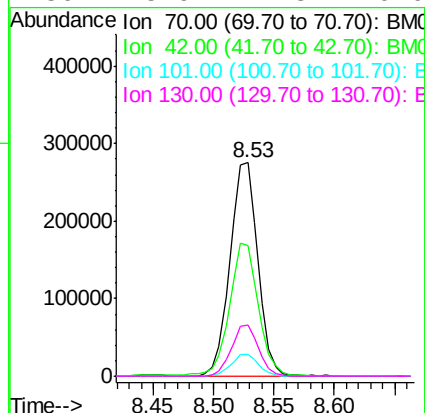
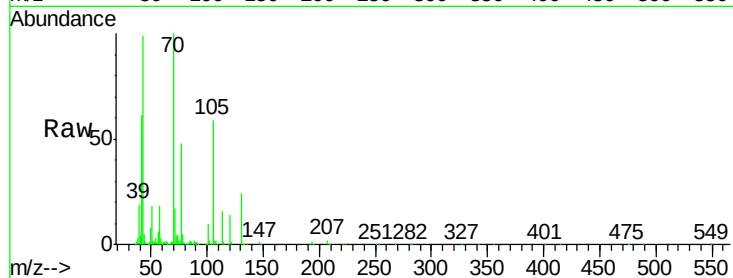




#19
n-Nitroso-di-n-propylamine
Concen: 40.35 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

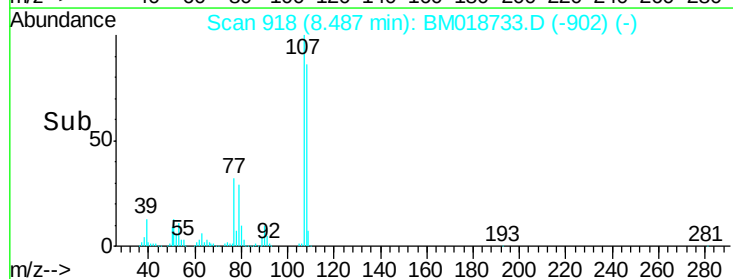
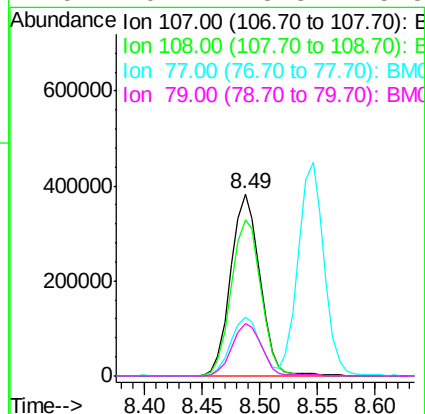
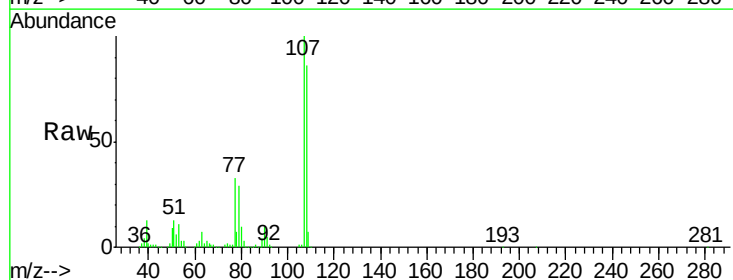
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

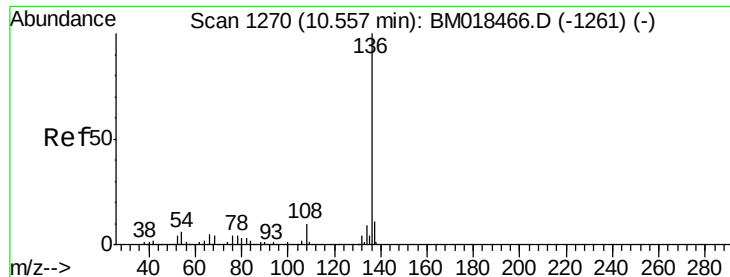
Tot Ion:	70	Resp:	442985
Ion	Ratio	Lower	Upper
70	100		
42	61.4	54.0	81.0
101	10.5	8.1	12.1
130	23.9	17.8	26.6



#20
3+4-Methylphenols
Concen: 42.17 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:	107	Resp:	677369
Ion	Ratio	Lower	Upper
107	100		
108	85.8	66.8	106.8
77	32.6	13.3	53.3
79	29.1	8.8	48.8

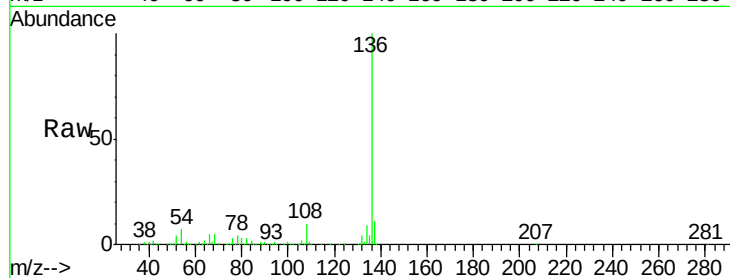




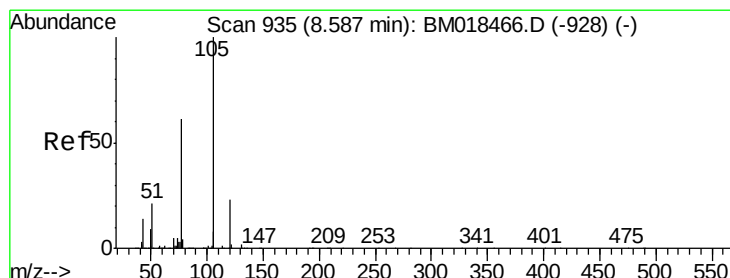
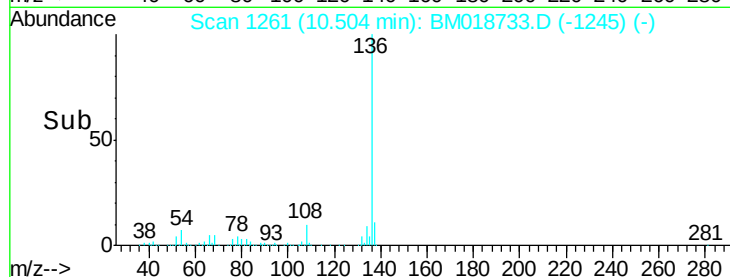
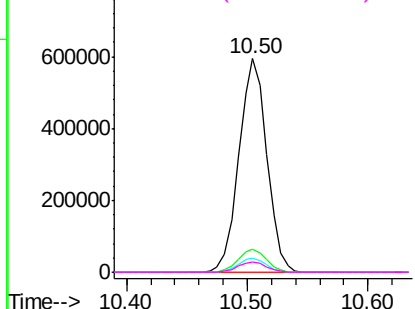
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	958725
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	6.7	6.0 9.0
68	4.8	4.5 6.7

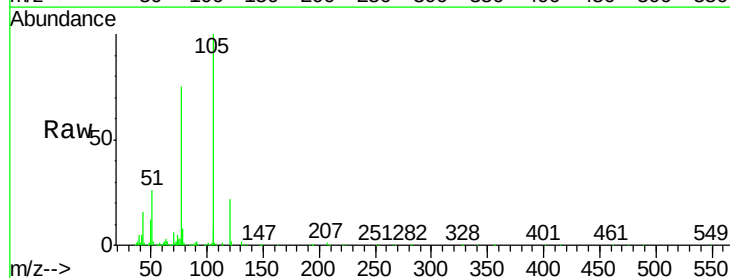


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

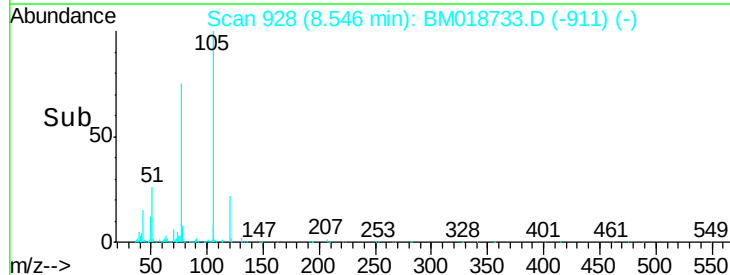
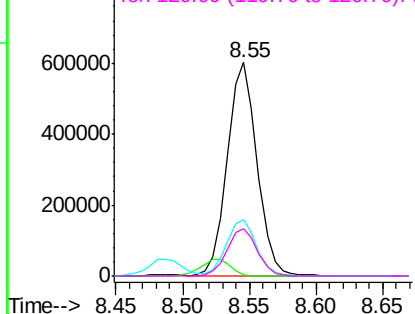


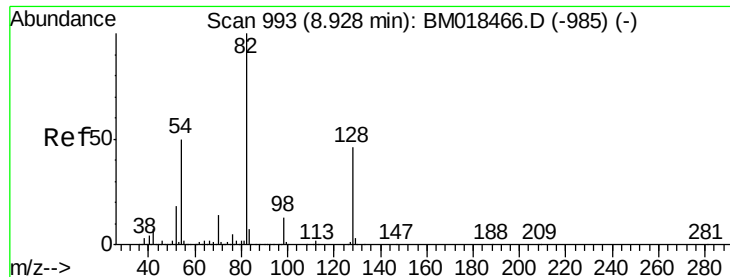
#22
Acetophenone
Concen: 39.31 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:105	Resp:	932187
Ion Ratio	Lower	Upper
105	100	
71	0.9	1.7 2.5#
51	26.3	22.6 34.0
120	22.5	18.3 27.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E



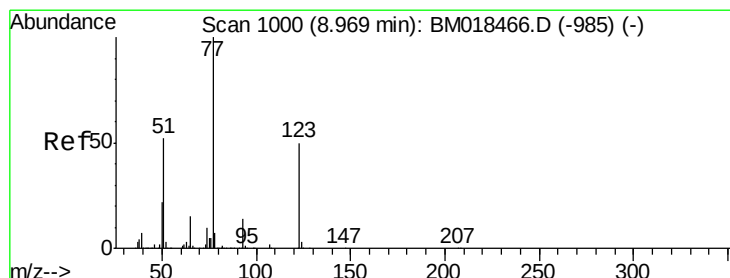
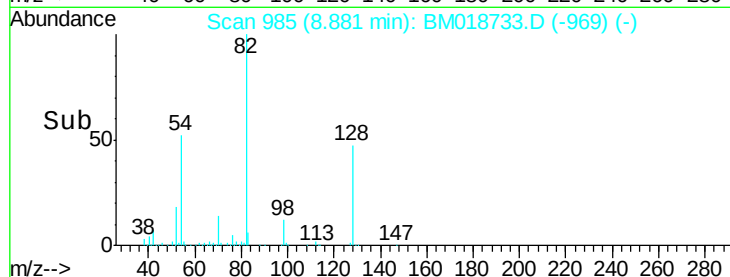
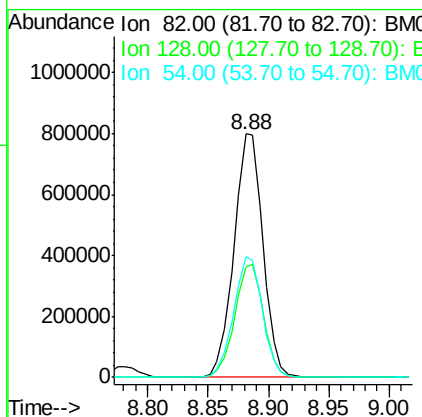
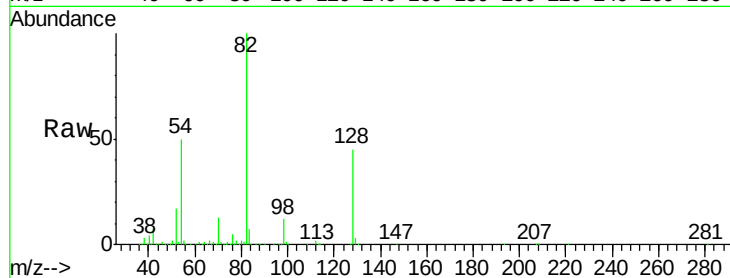


#23
 Nitrobenzene-d5
 Concen: 81.02 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion: 82 Resp: 1339969

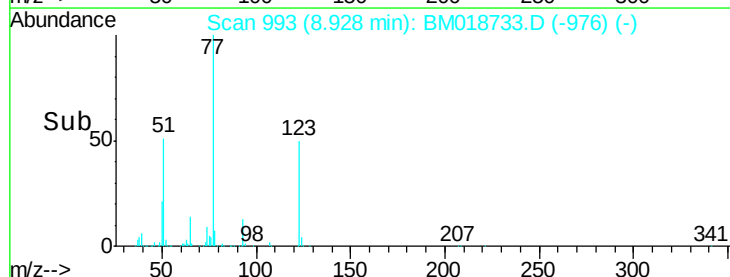
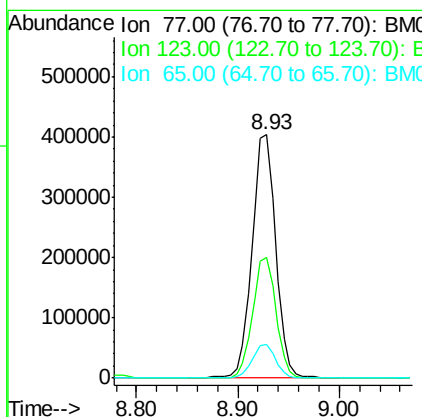
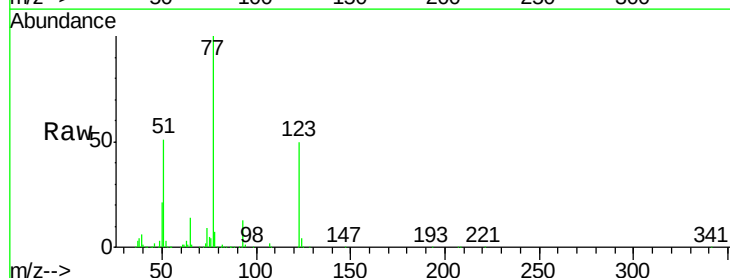
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.3	54.5
54	49.6	41.7	62.5

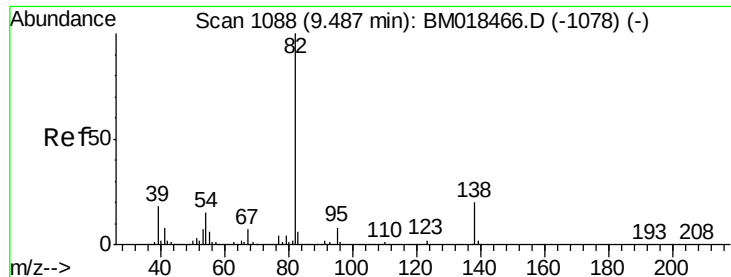


#24
 Nitrobenzene
 Concen: 40.51 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Tgt Ion: 77 Resp: 659161

Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.7	56.5
65	13.9	11.0	16.6





#25

Isophorone

Concen: 39.83 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

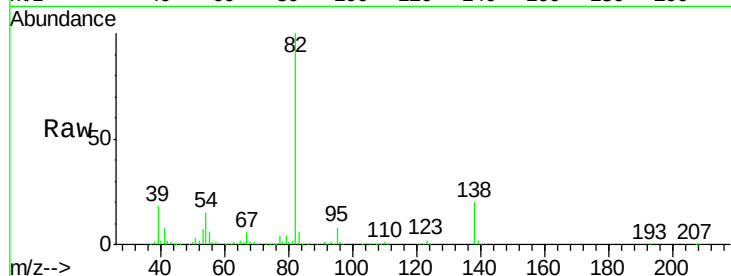
Tot Ion: 82 Resp: 997479

Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

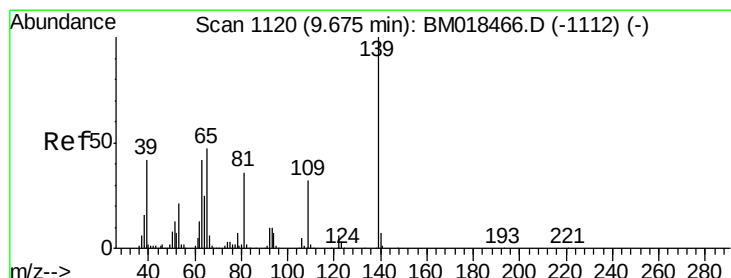
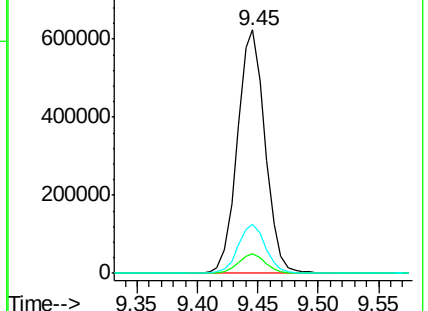
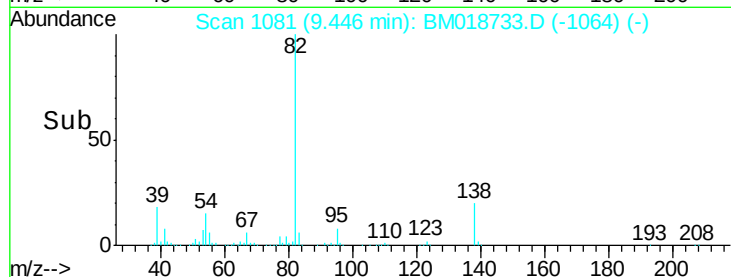
138 20.2 15.1 22.7



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: 44.41 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

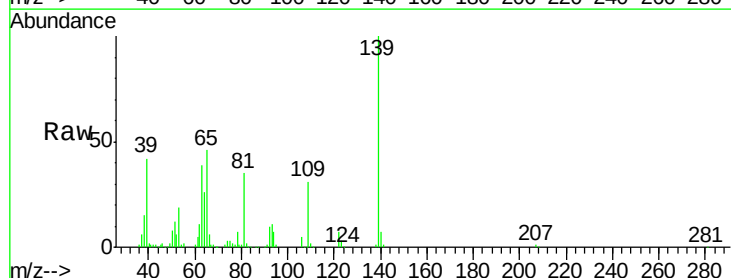
Tgt Ion: 139 Resp: 349392

Ion Ratio Lower Upper

139 100

109 30.6 23.4 35.2

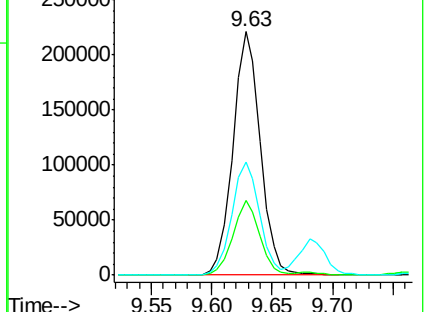
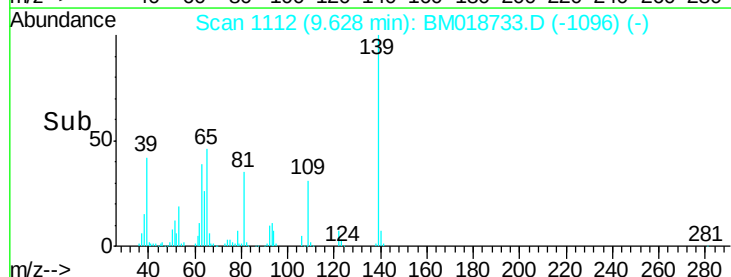
65 46.4 39.4 59.2

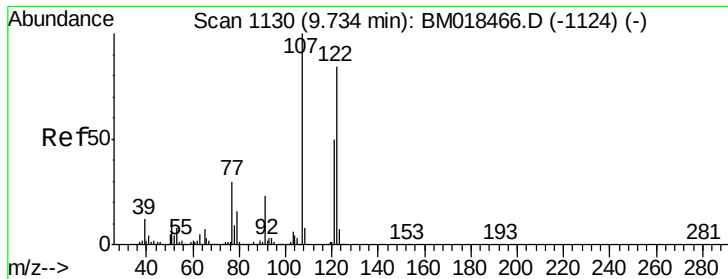


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

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

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

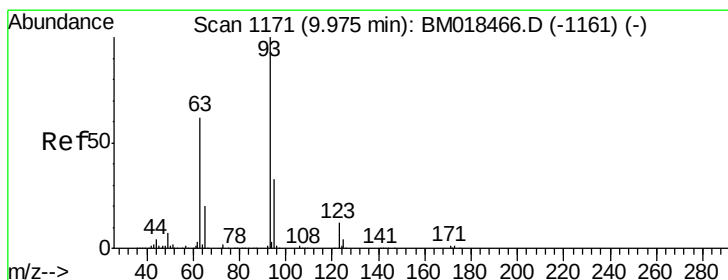
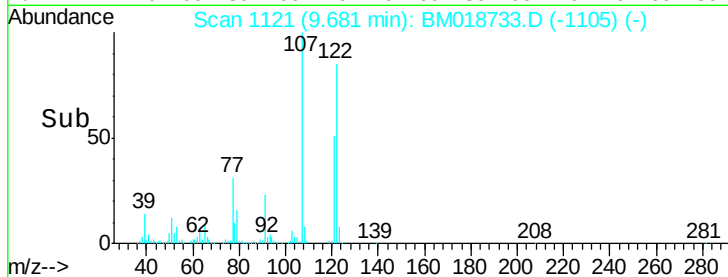
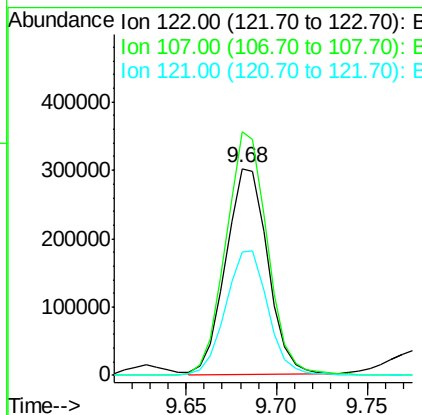
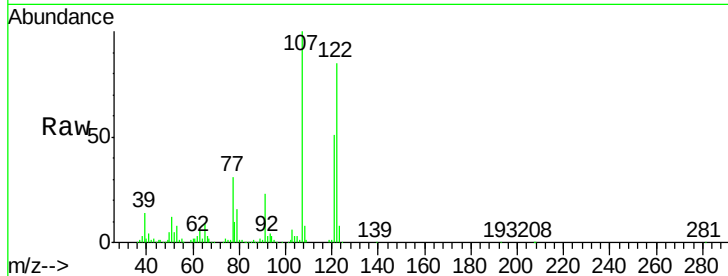




#27
 2,4-Dimethylphenol
 Concen: 40.95 ng
 RT: 9.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

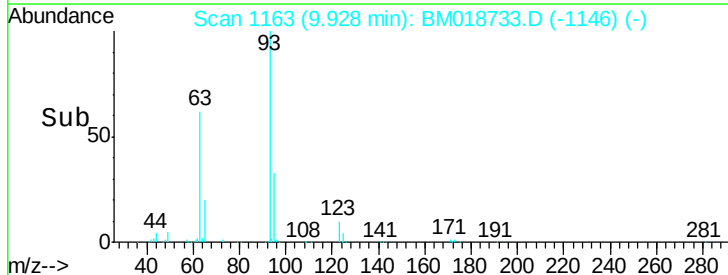
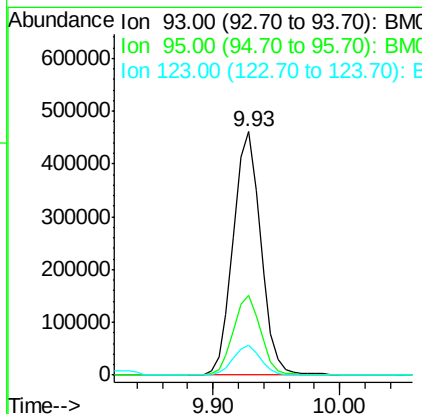
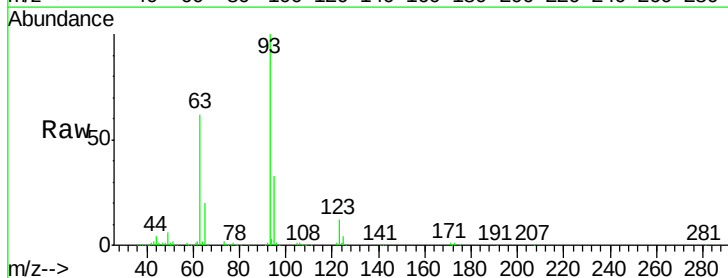
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

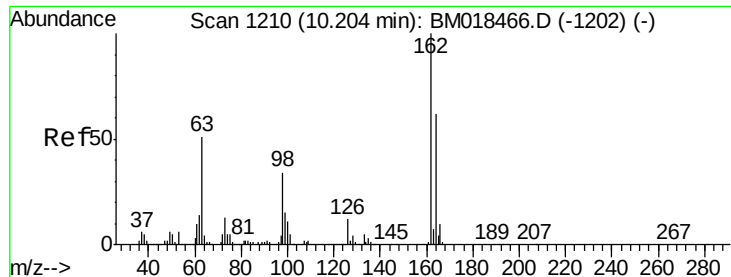
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.5	91.9	137.9
121	59.6	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.22 ng
 RT: 9.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	39.8
123	12.4	9.9	14.9

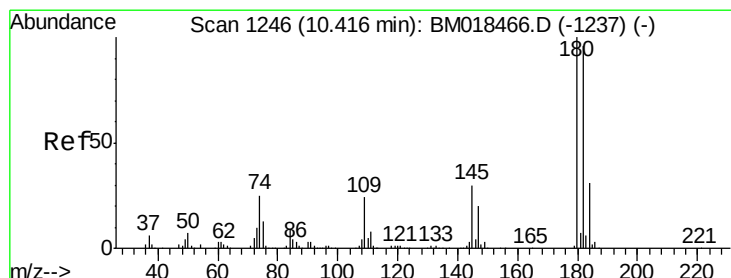
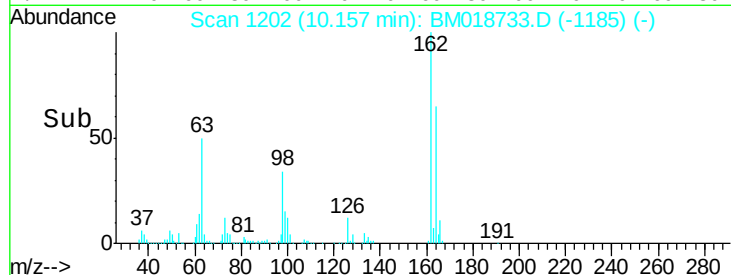
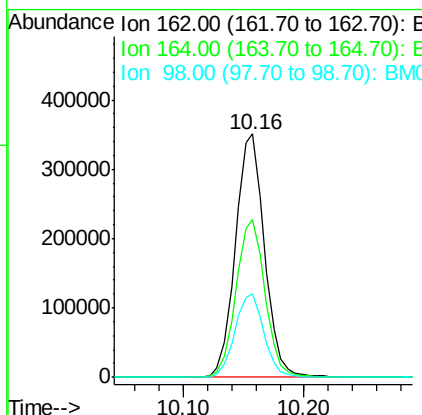
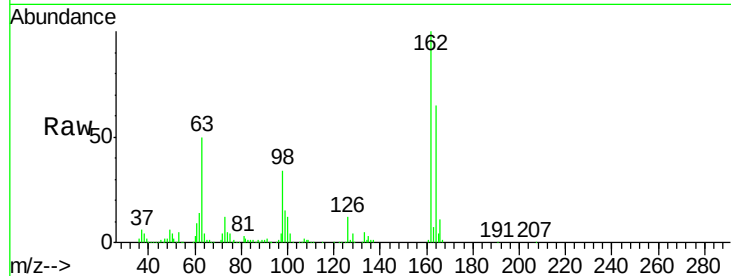




#29
 2,4-Dichlorophenol
 Concen: 41.97 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

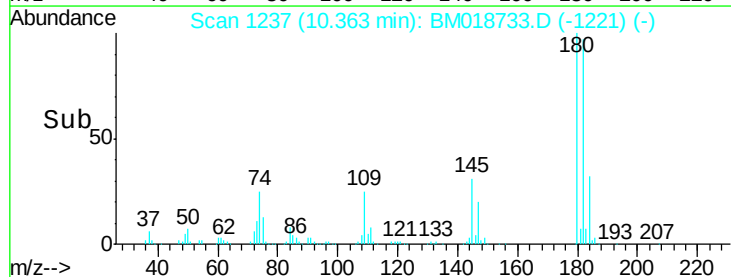
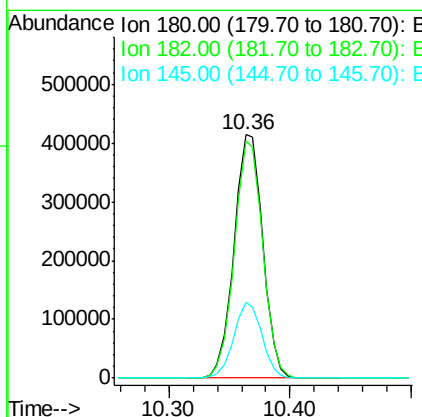
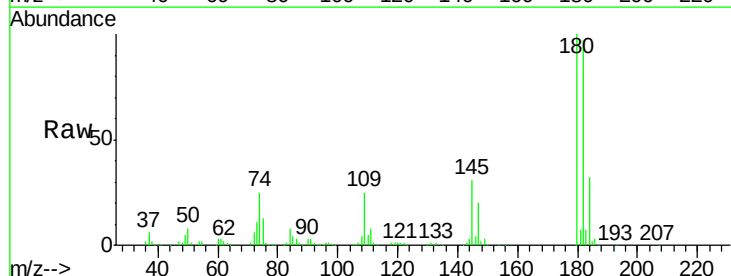
Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

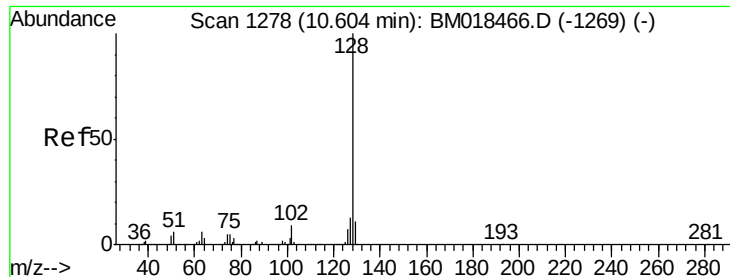
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.6	85.6
98	34.2	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 39.53 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.4	116.2
145	31.1	24.6	37.0

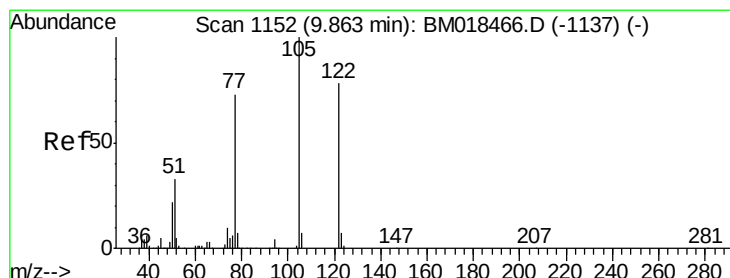
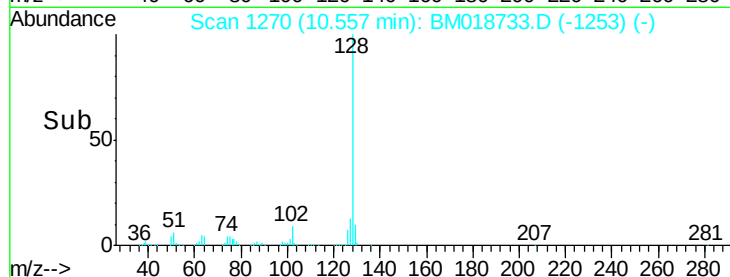
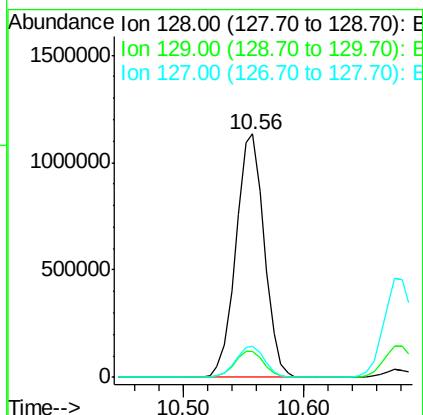
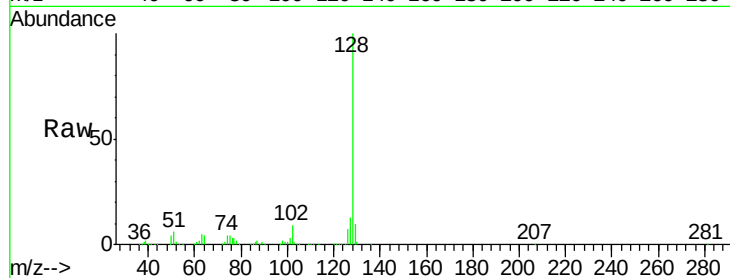




#31
Naphthalene
Concen: 40.16 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

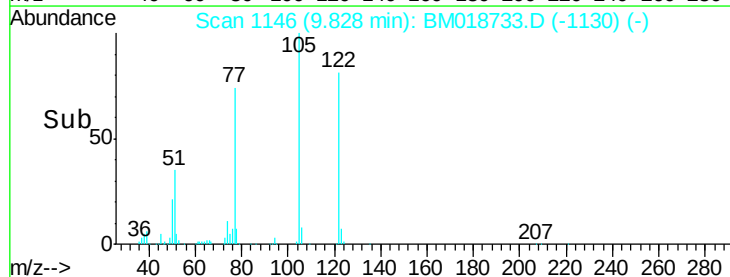
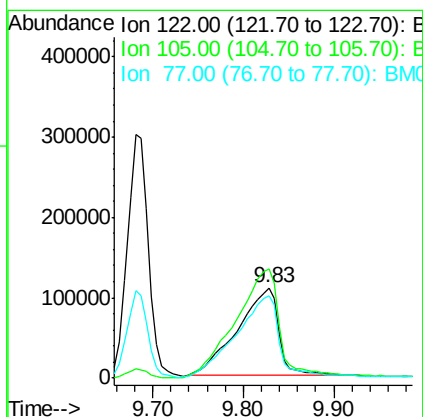
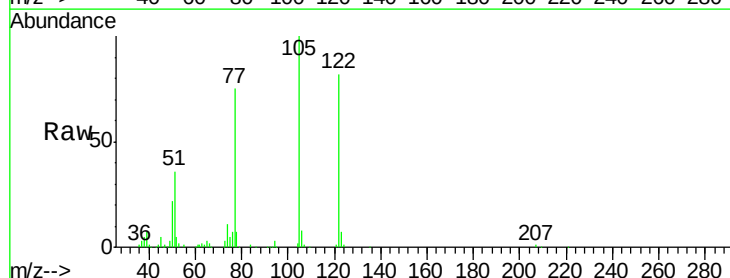
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

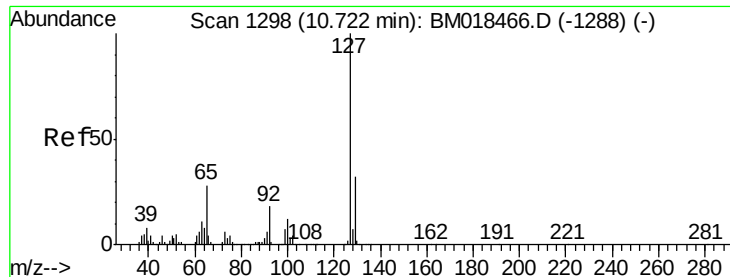
Tot Ion:128 Resp: 1854438
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 44.04 ng
RT: 9.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:122 Resp: 344821
Ion Ratio Lower Upper
122 100
105 121.6 100.4 140.4
77 91.2 71.7 111.7

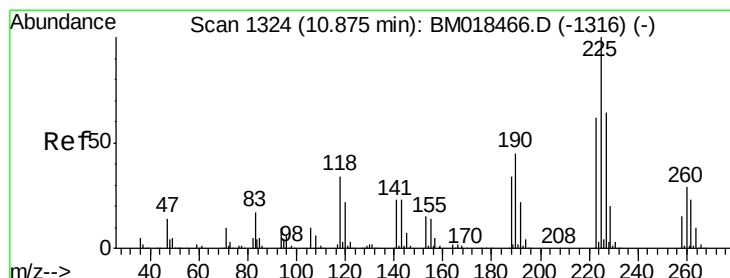
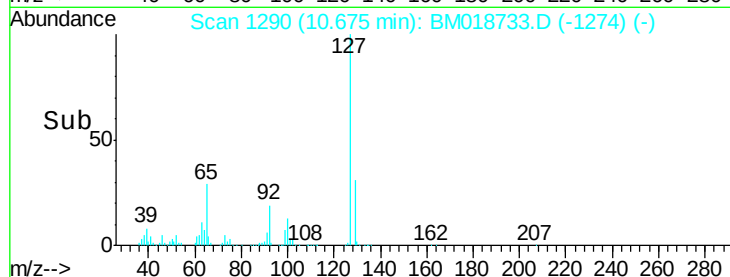
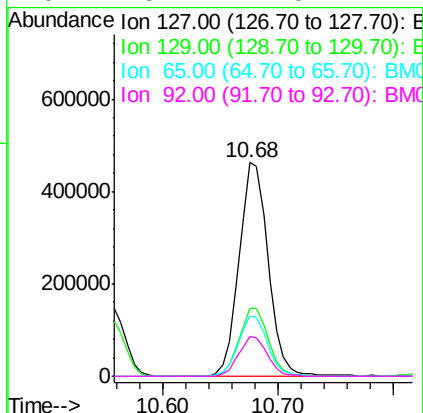
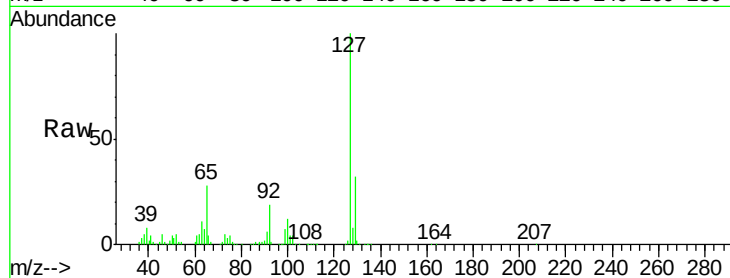




#33
4-Chloroaniline
Concen: 44.58 ng
RT: 10.68 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

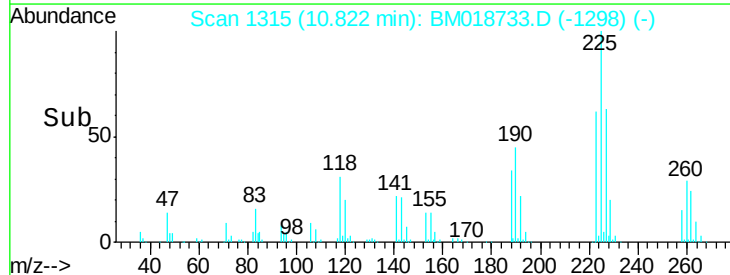
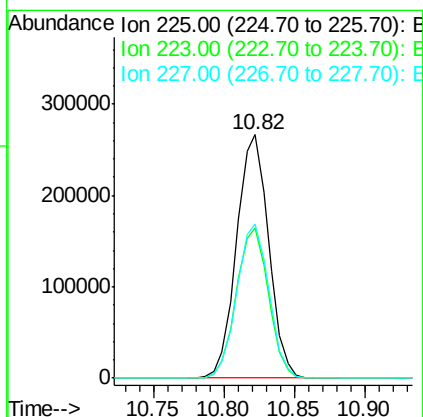
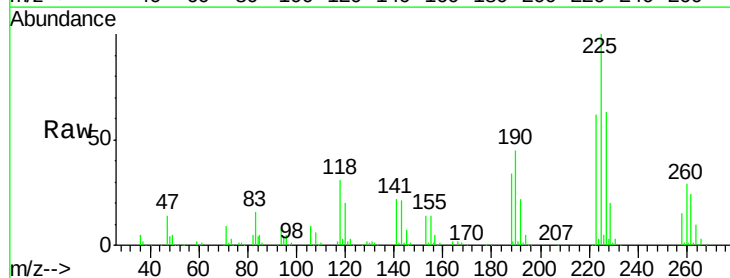
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

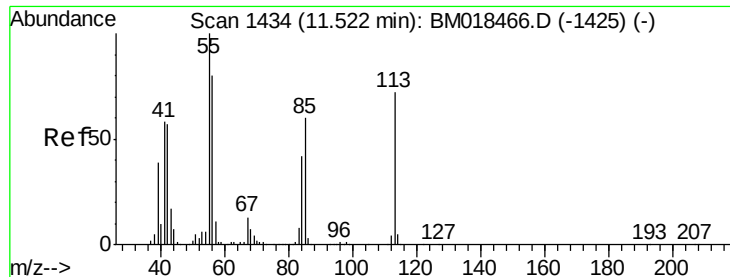
Tot Ion:	127	Resp:	810568
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	28.1	23.4	35.2
92	18.7	14.5	21.7



#34
Hexachlorobutadiene
Concen: 38.47 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:	225	Resp:	423668
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.8	76.2
227	63.5	50.4	75.6

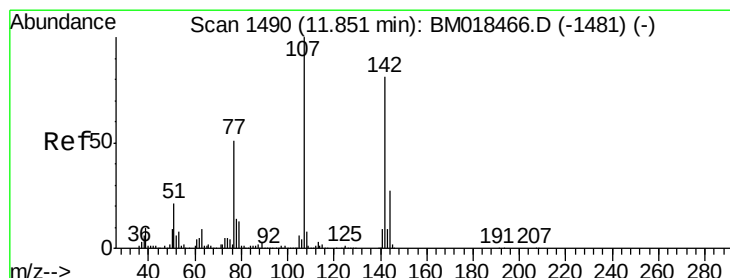
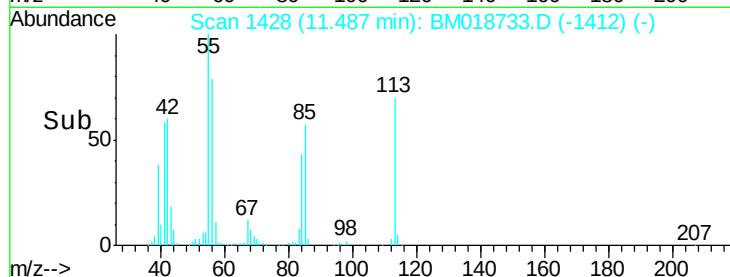
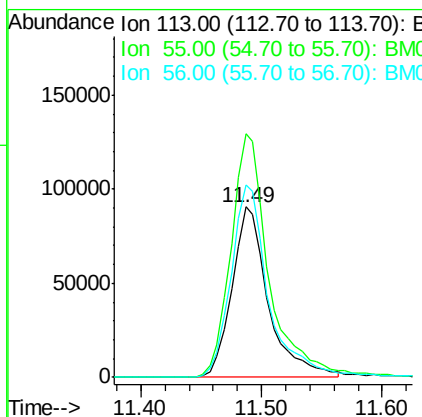
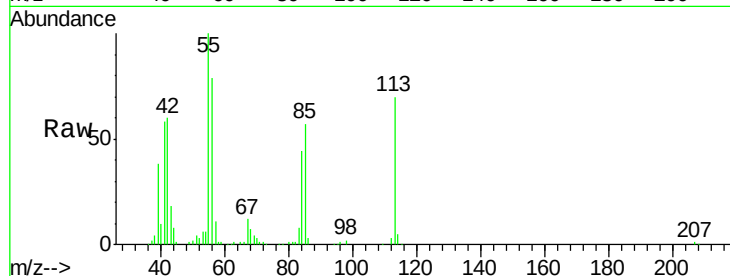




#35
 Caprolactam
 Concen: 40.00 ng
 RT: 11.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

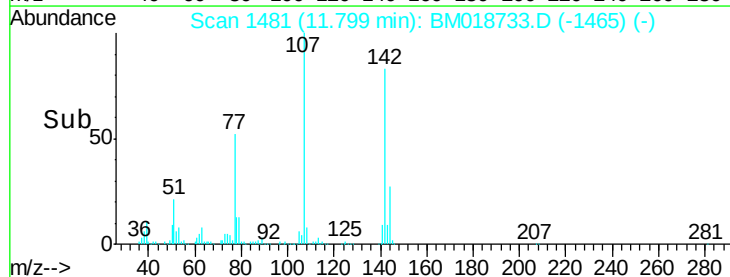
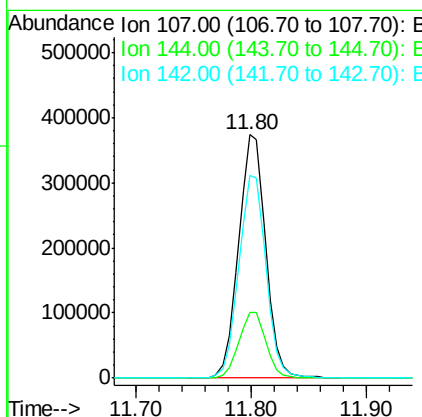
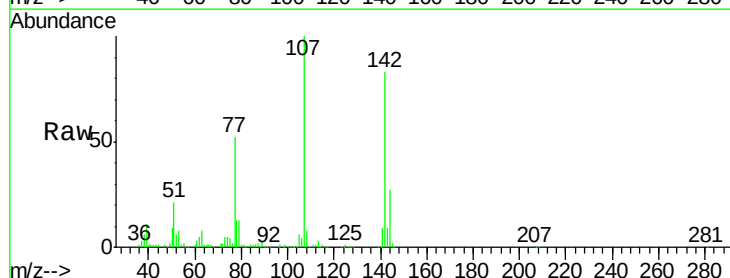
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

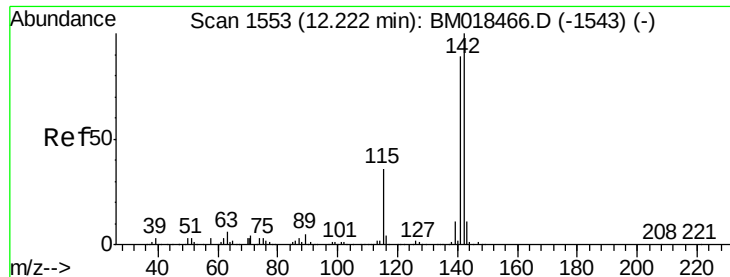
Tot Ion:113 Resp: 190976
 Ion Ratio Lower Upper
 113 100
 55 142.8 139.3 179.3
 56 112.6 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.34 ng
 RT: 11.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Tgt Ion:107 Resp: 609010
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.9 32.9
 142 83.1 67.9 101.9

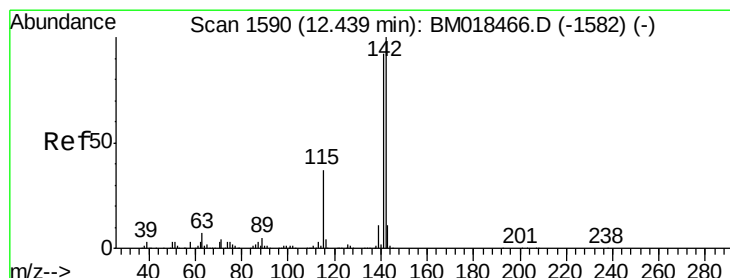
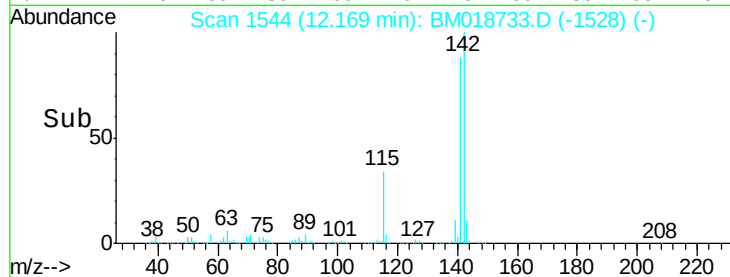
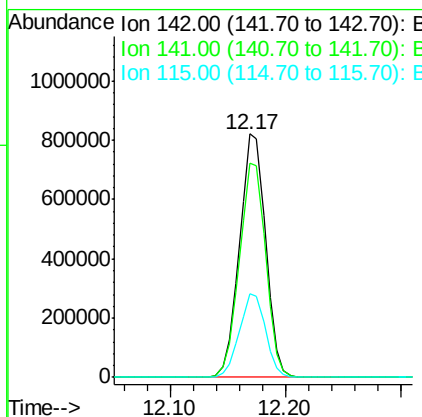
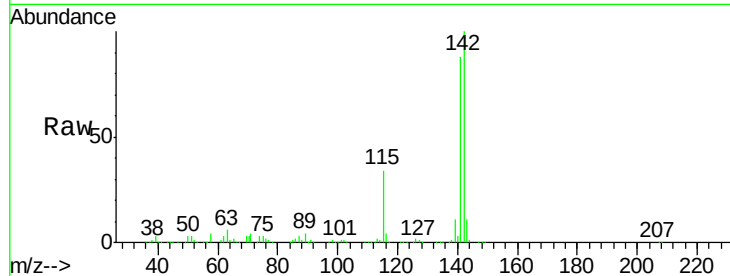




#37
2-Methylnaphthalene
Concen: 39.49 ng
RT: 12.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

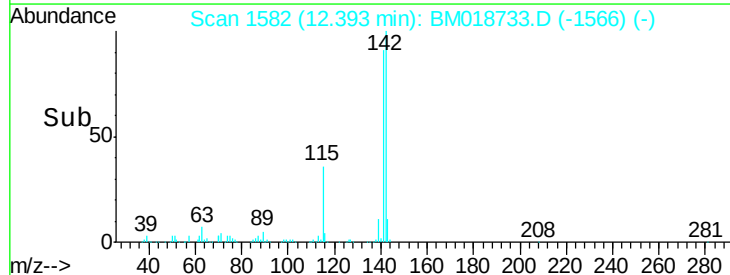
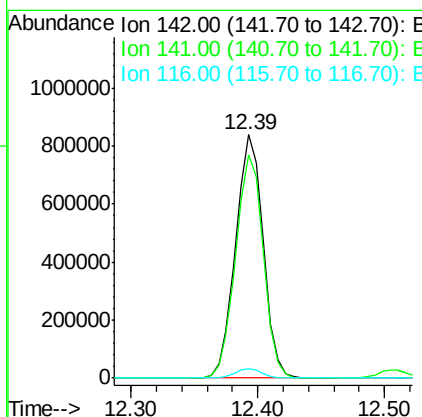
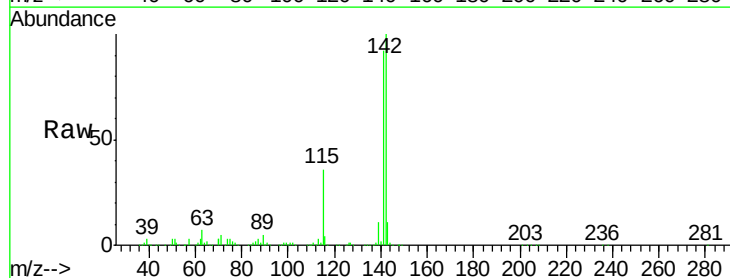
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

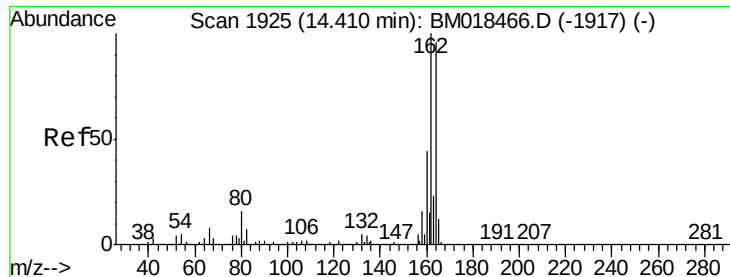
Tot Ion:142 Resp: 1288416
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.2
115 34.4 28.0 42.0



#38
1-Methylnaphthalene
Concen: 39.86 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:142 Resp: 1258027
Ion Ratio Lower Upper
142 100
141 91.6 75.6 113.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

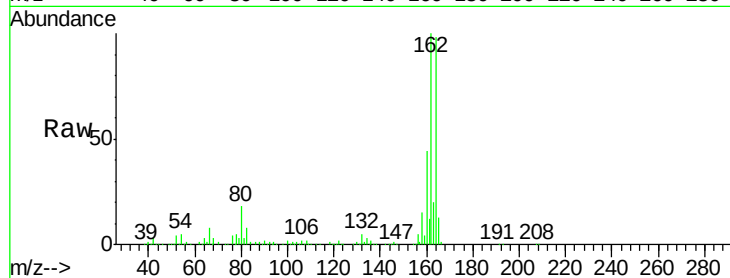
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:164 Resp: 525407

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.4
160	44.8	37.1	55.7

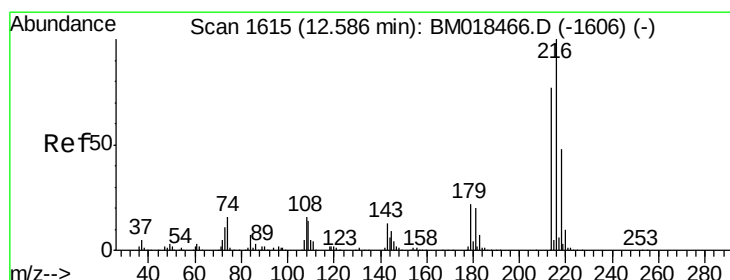
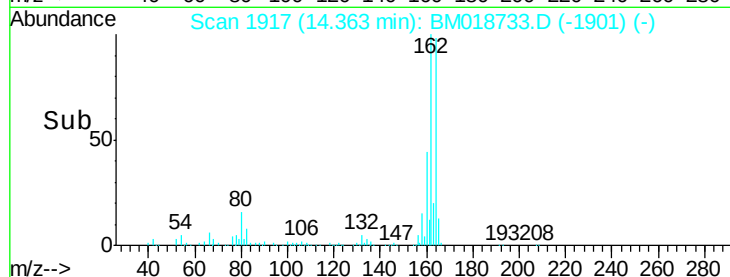
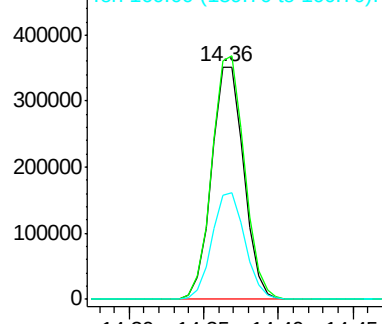


Abundance

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: 40.46 ng

RT: 12.54 min Scan# 1607

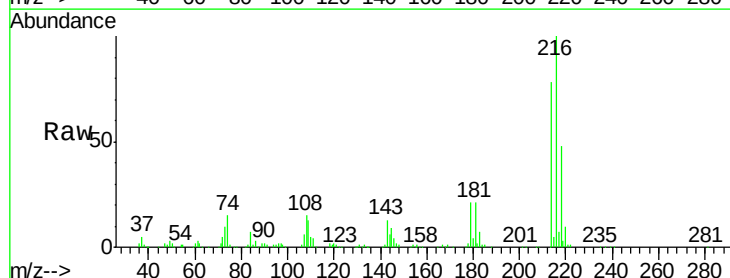
Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Tgt Ion:216 Resp: 743358

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.0
179	21.8	17.9	26.9
108	17.3	15.8	23.6



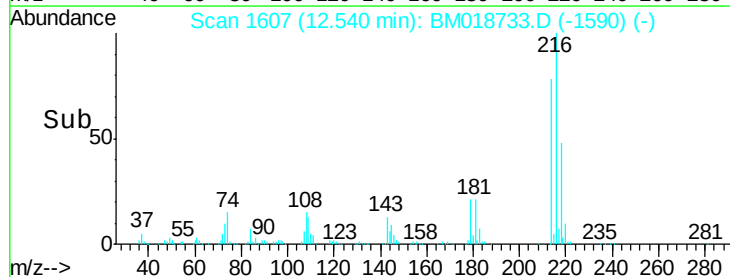
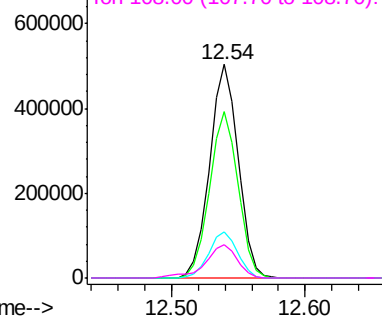
Abundance

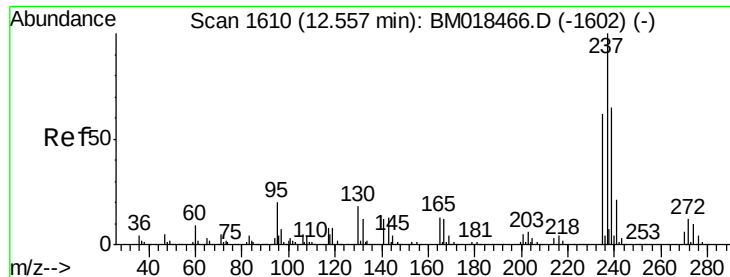
Ion 216.00 (215.70 to 216.70): E

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: 34.08 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

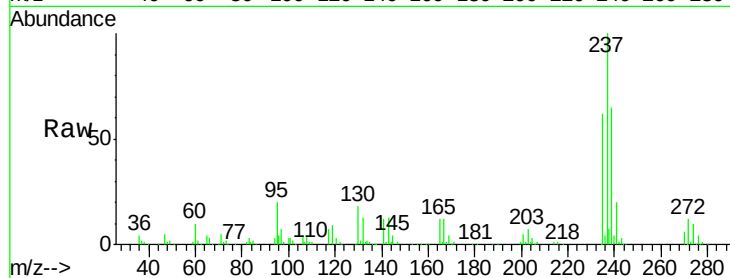
Tot Ion:237 Resp: 343650

Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.8	82.8
272	11.9	0.0	31.9

237 100

235 62.5 42.8 82.8

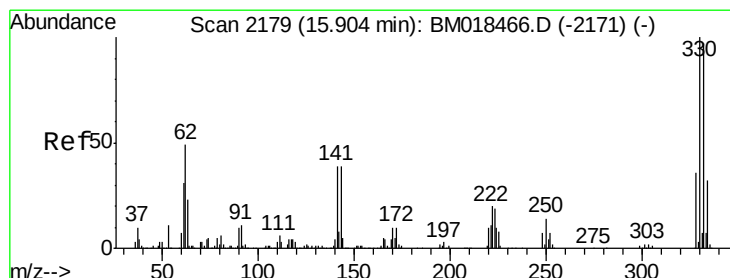
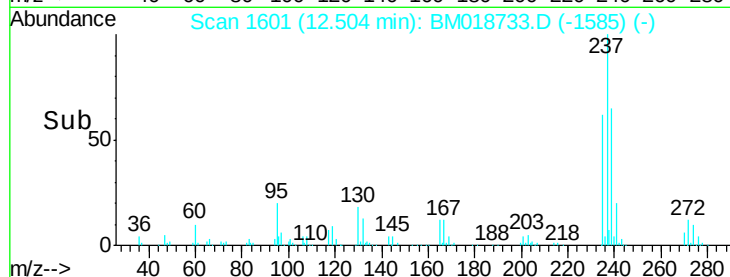
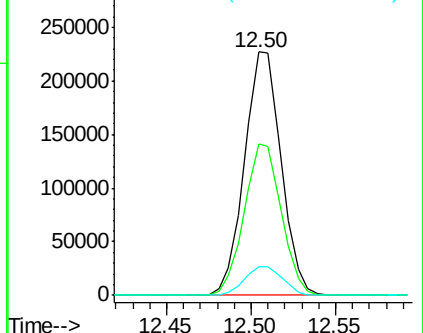
272 11.9 0.0 31.9



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: 84.54 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

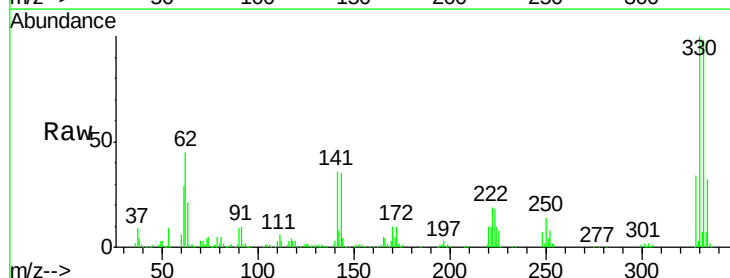
Tgt Ion:330 Resp: 565579

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	37.8	31.7	47.5

330 100

332 96.6 77.6 116.4

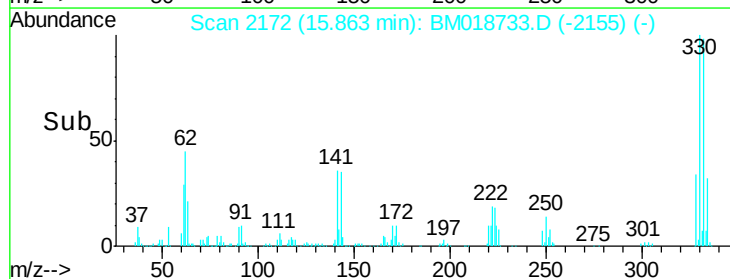
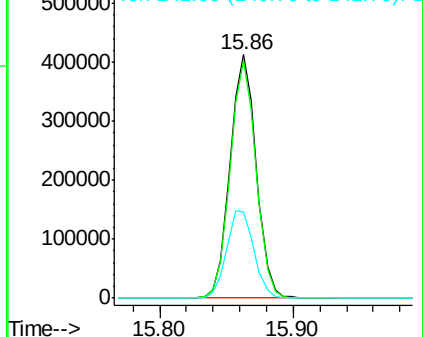
141 37.8 31.7 47.5

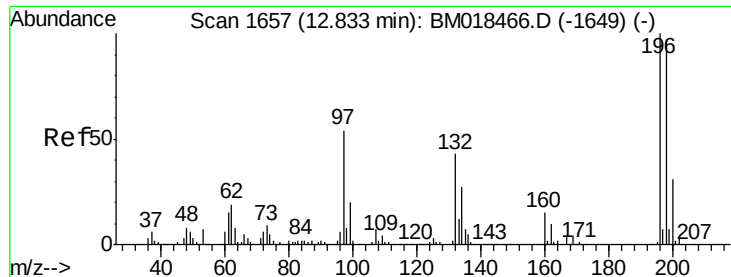


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

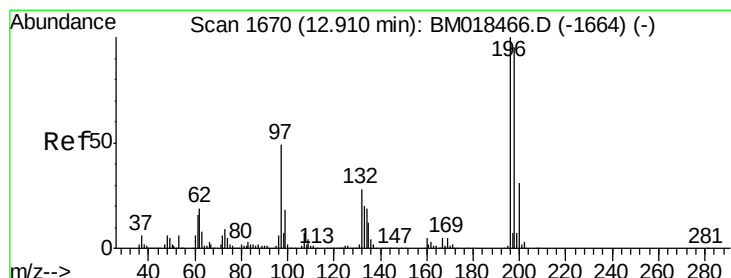
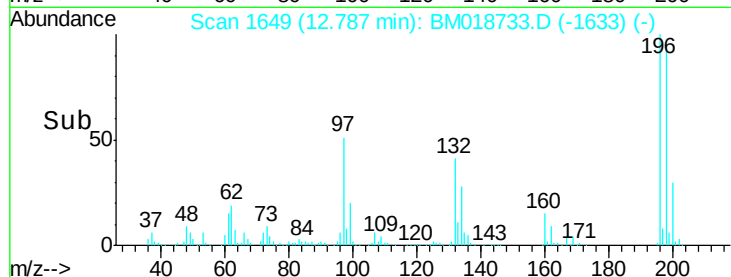
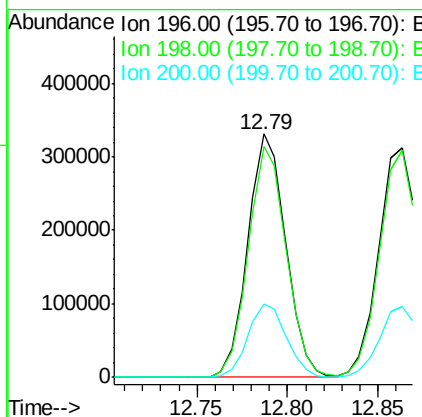
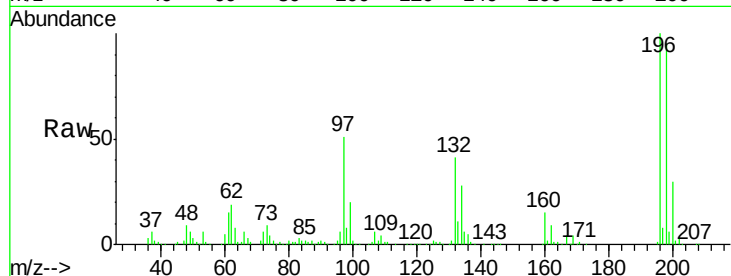




#43
 2,4,6-Trichlorophenol
 Concen: 43.20 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

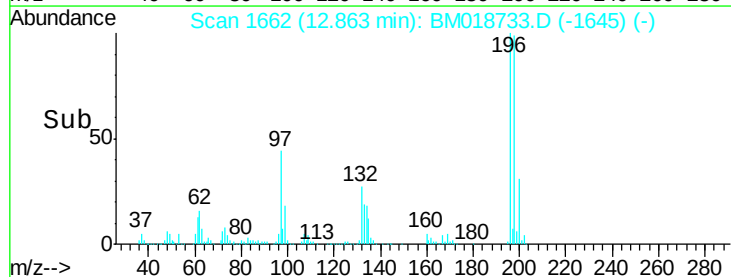
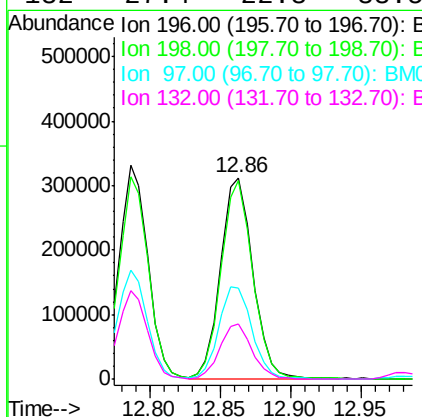
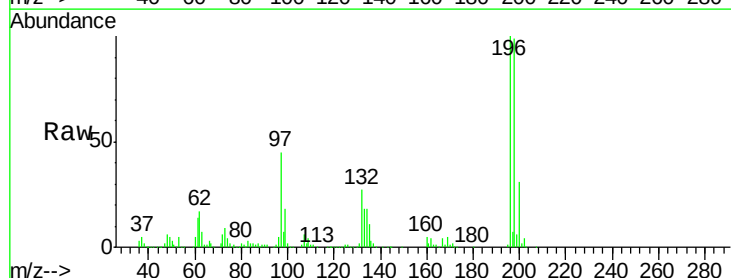
Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

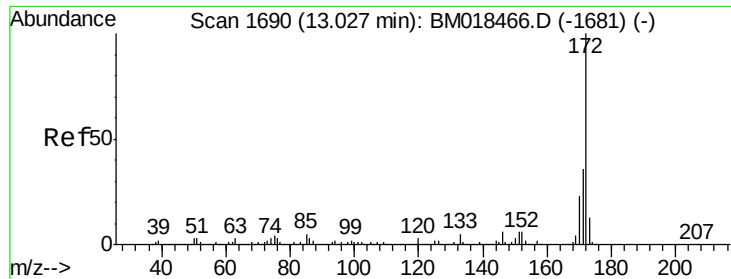
Tot Ion:196 Resp: 482017
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.6 115.0
 200 30.0 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.14 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Tgt Ion:196 Resp: 494431
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.7 115.1
 97 44.9 39.2 58.8
 132 27.4 22.3 33.5

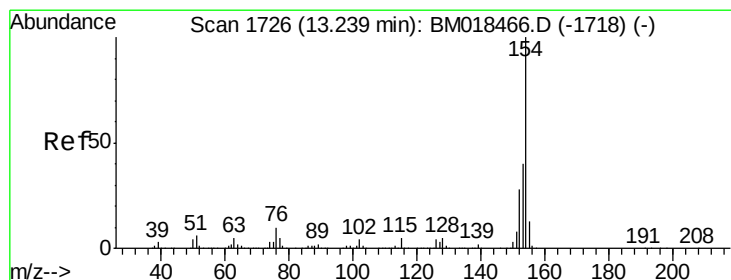
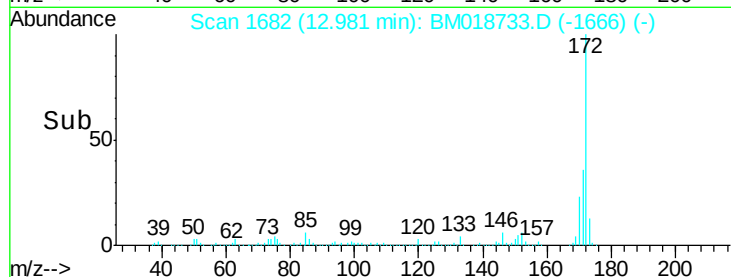
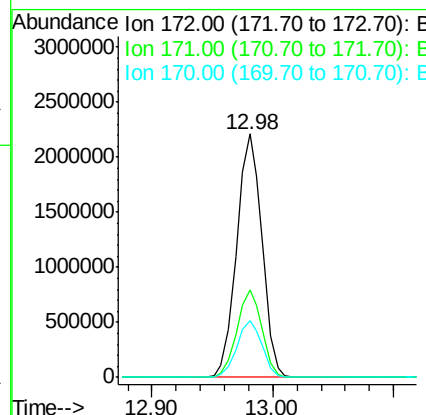
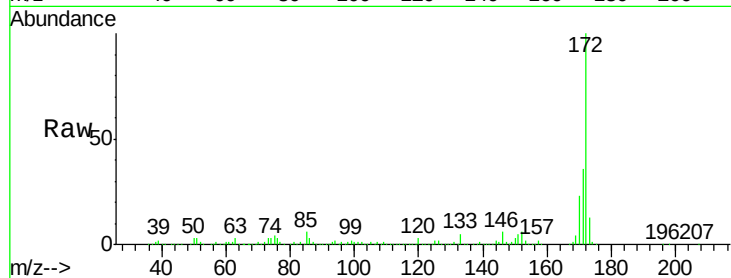




#45
2-Fluorobiphenyl
Concen: 80.03 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

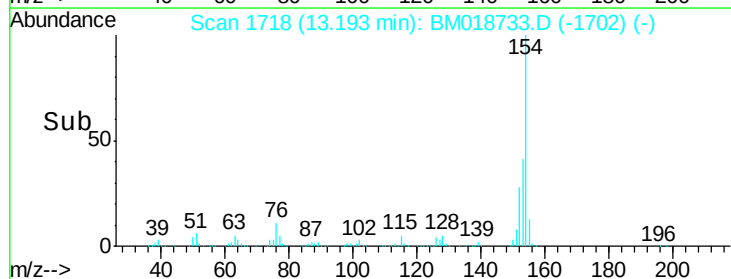
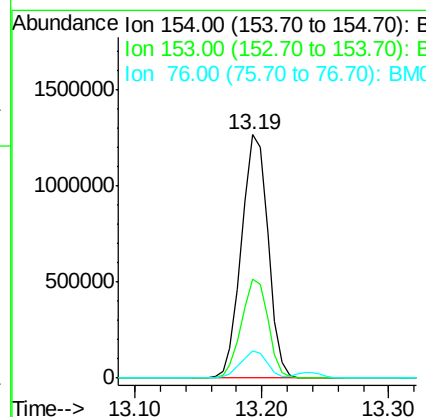
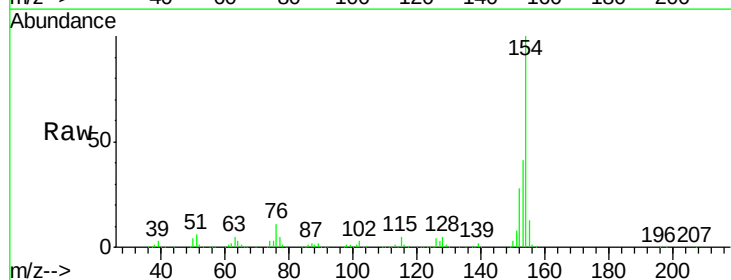
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

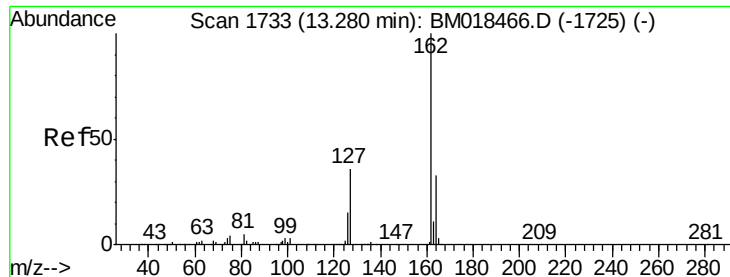
Tot Ion:172 Resp: 3222317
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.09 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:154 Resp: 1839070
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 11.1 0.0 31.9

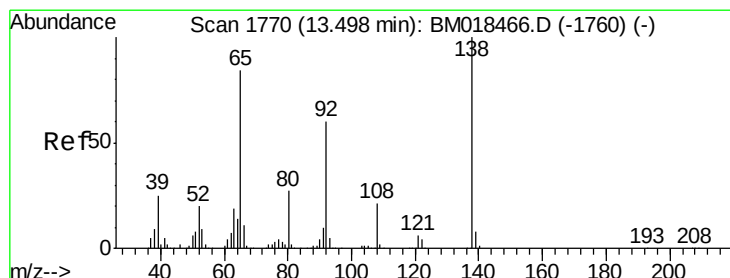
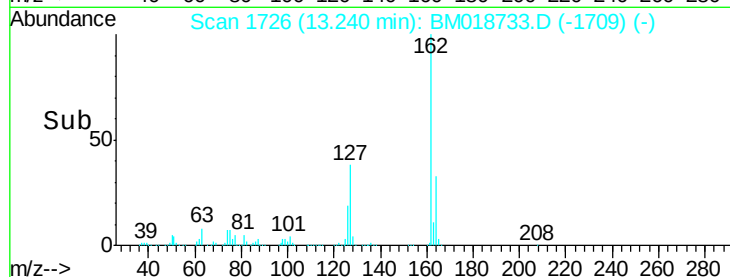
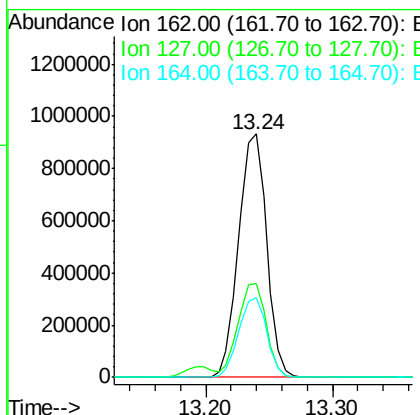
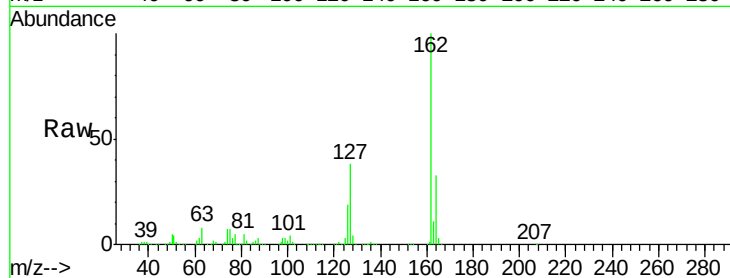




#47
 2-Chloronaphthalene
 Concen: 40.29 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

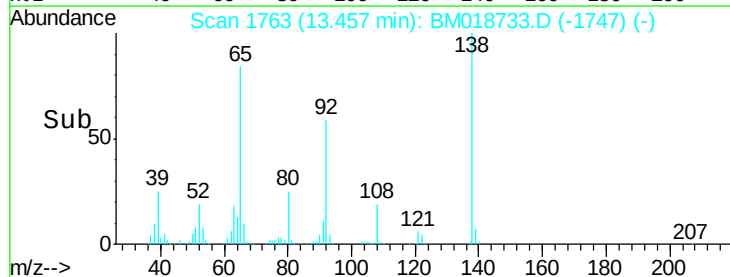
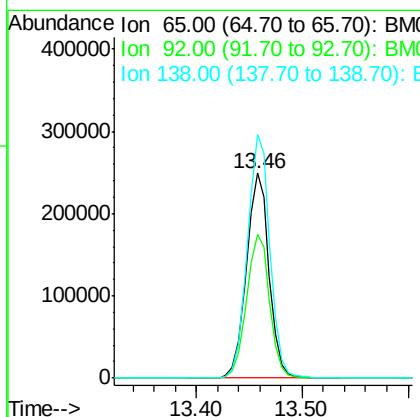
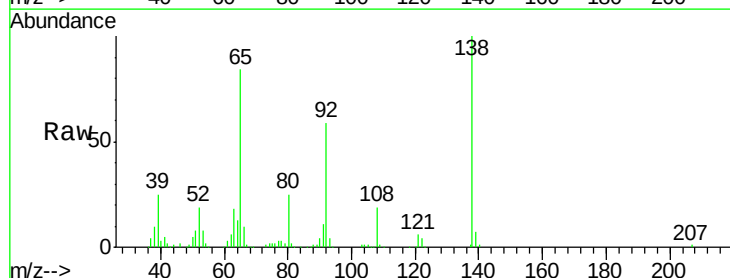
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

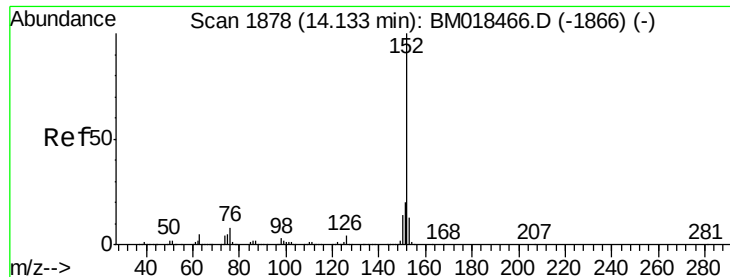
Tot Ion:162 Resp: 1433206
 Ion Ratio Lower Upper
 162 100
 127 38.5 31.4 47.0
 164 32.9 26.2 39.4



#48
 2-Nitroaniline
 Concen: 42.51 ng
 RT: 13.46 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Tgt Ion: 65 Resp: 372089
 Ion Ratio Lower Upper
 65 100
 92 70.0 53.4 80.2
 138 118.7 88.9 133.3





#49

Acenaphthylene

Concen: 40.76 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

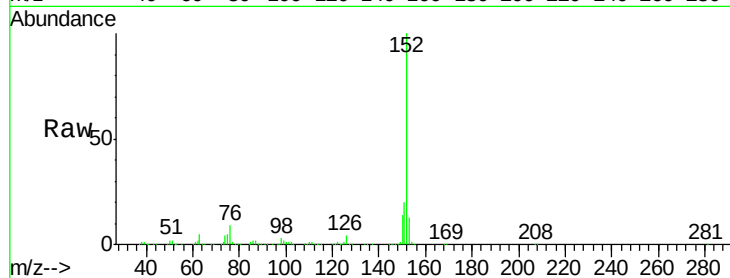
Tot Ion:152 Resp: 2113211

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

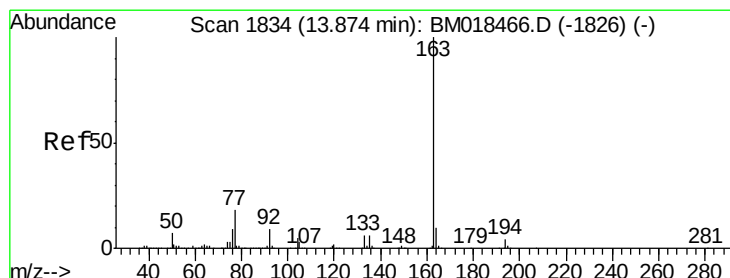
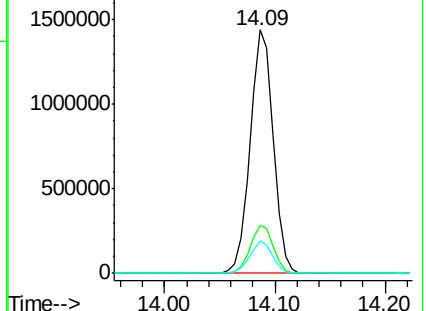
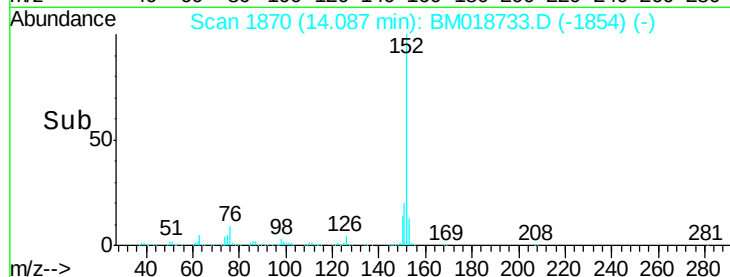
153 13.2 10.5 15.7



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: 39.22 ng

RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

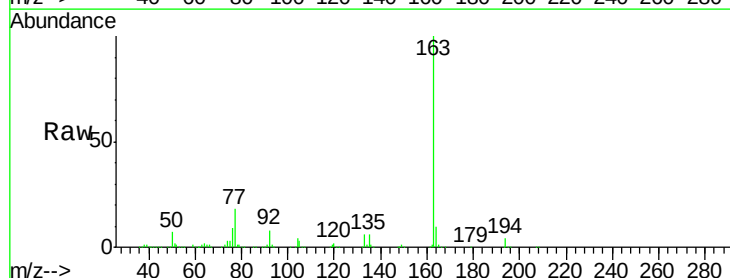
Tgt Ion:163 Resp: 1692413

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

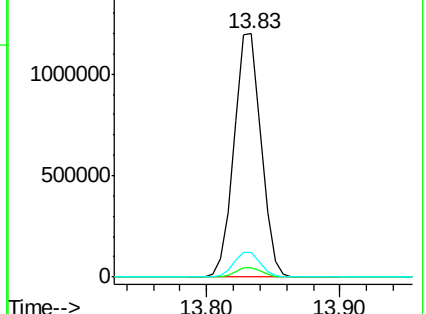
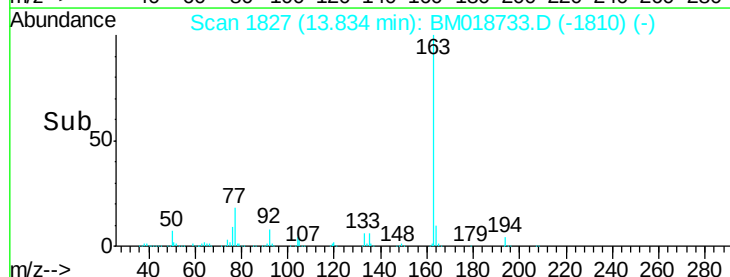
164 10.0 7.8 11.8

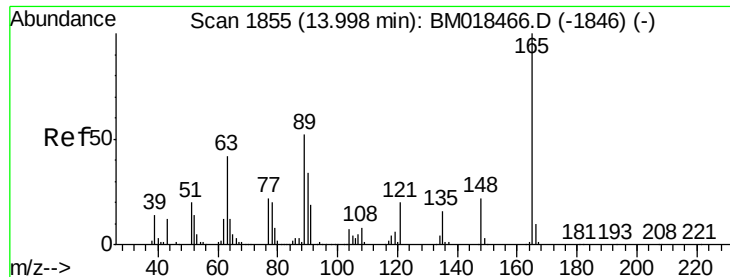


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

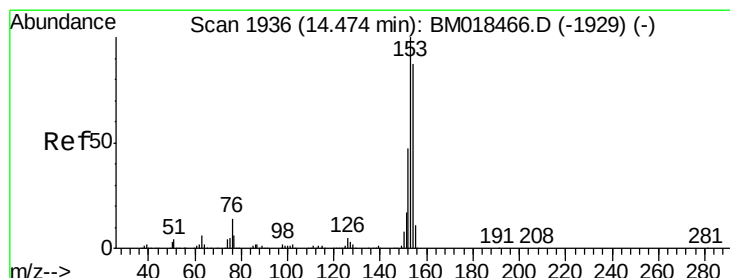
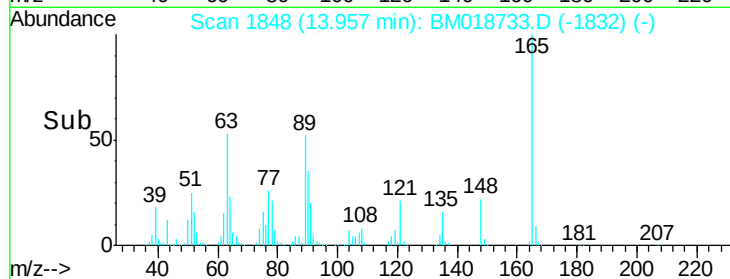
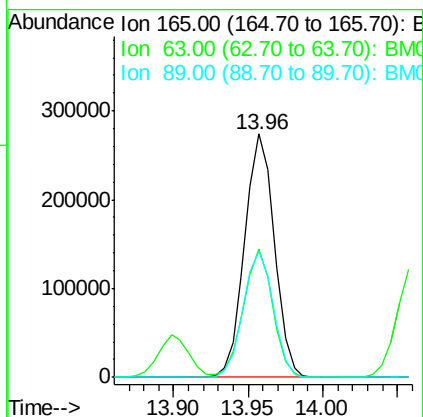
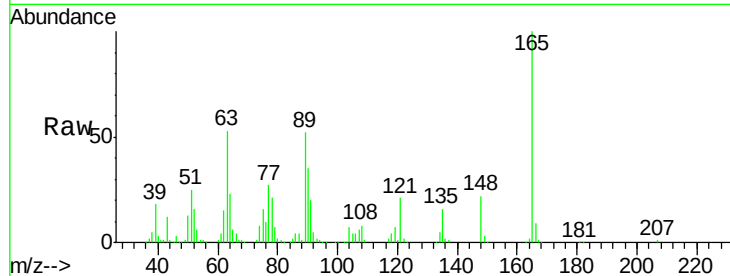




#51
 2,6-Dinitrotoluene
 Concen: 41.32 ng
 RT: 13.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

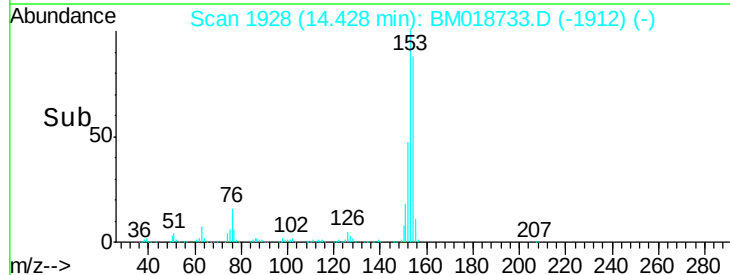
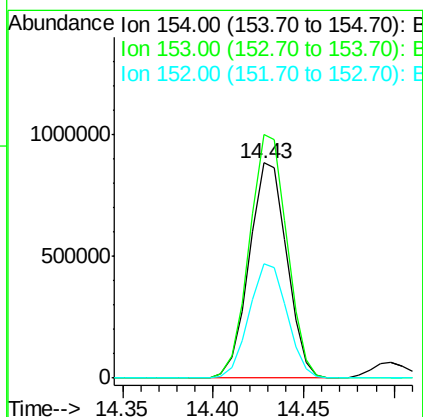
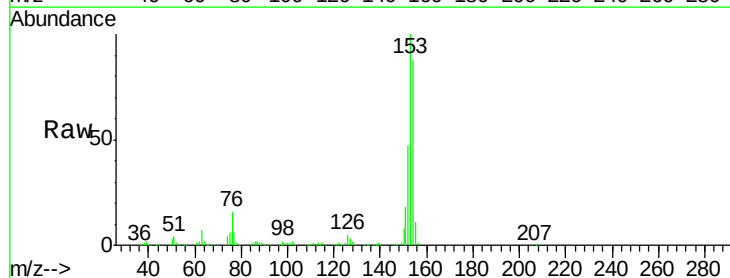
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

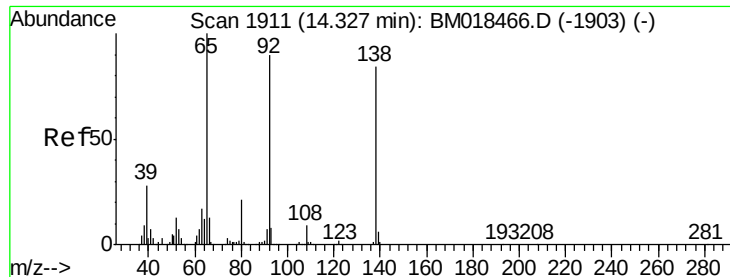
Tot Ion:165 Resp: 377709
 Ion Ratio Lower Upper
 165 100
 63 52.5 45.6 68.4
 89 51.7 44.6 66.8



#52
 Acenaphthene
 Concen: 40.19 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Tgt Ion:154 Resp: 1274922
 Ion Ratio Lower Upper
 154 100
 153 113.2 92.3 138.5
 152 53.0 43.8 65.6

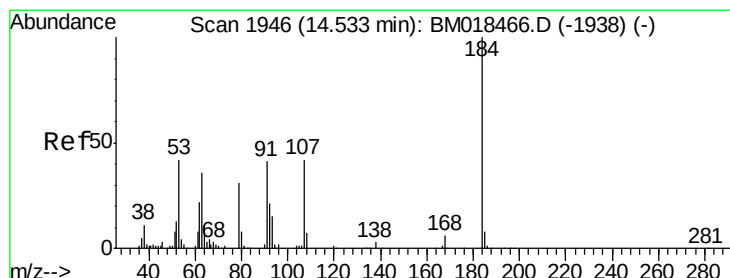
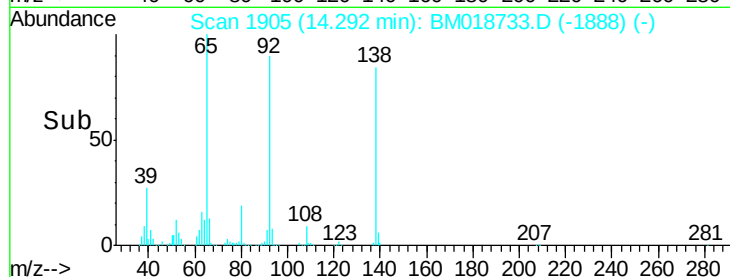
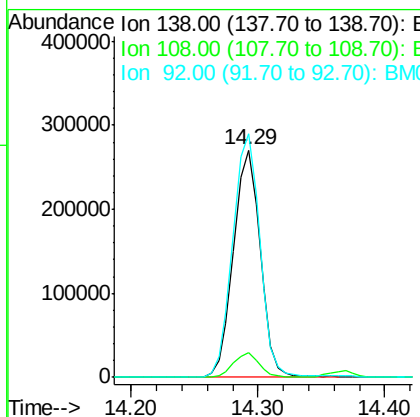
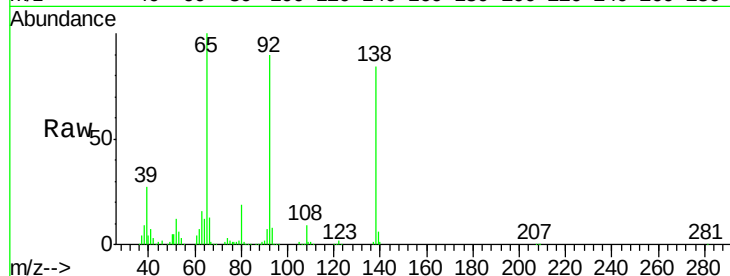




#53
3-Nitroaniline
Concen: 43.14 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

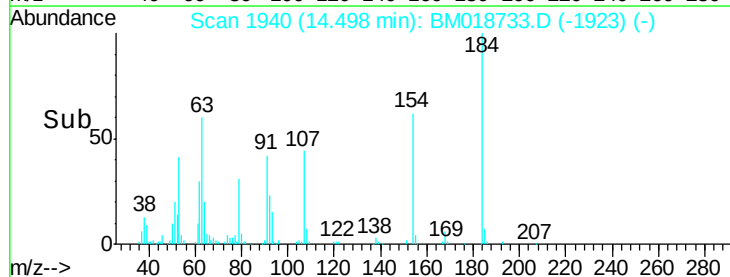
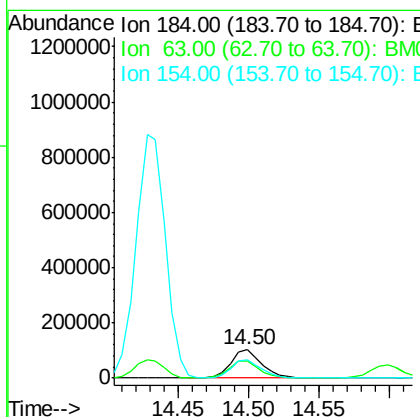
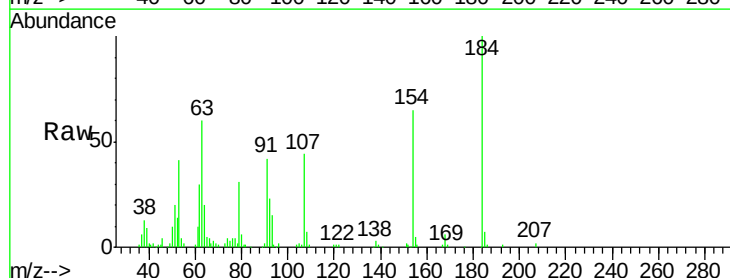
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

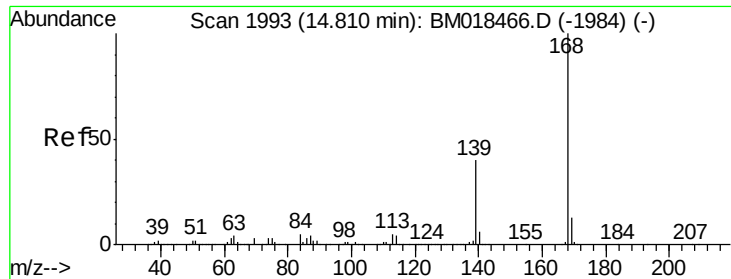
Tot Ion:138 Resp: 397568
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 107.0 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 36.13 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:184 Resp: 157282
Ion Ratio Lower Upper
184 100
63 60.2 55.9 83.9
154 64.7 54.2 81.4

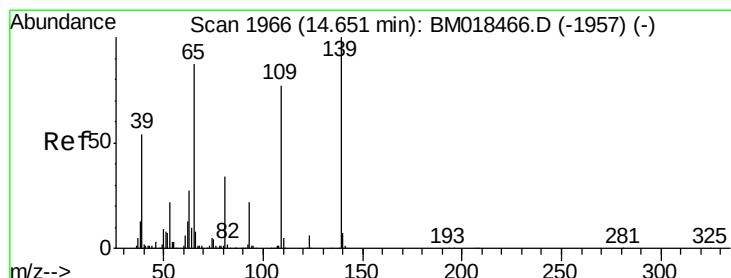
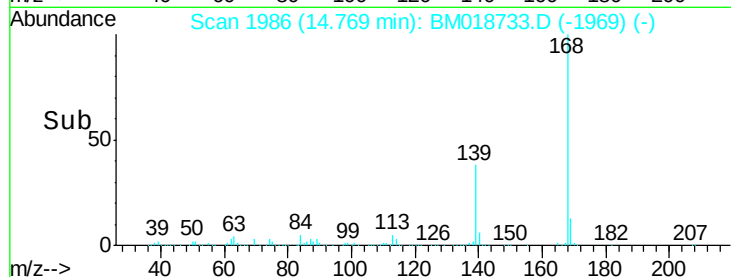
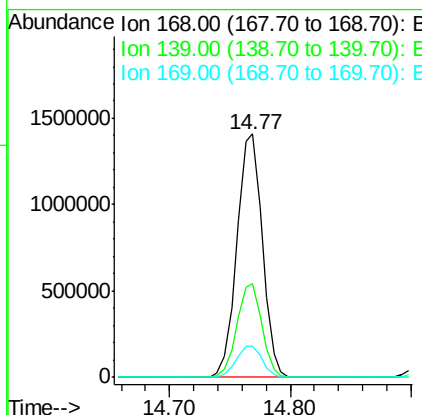
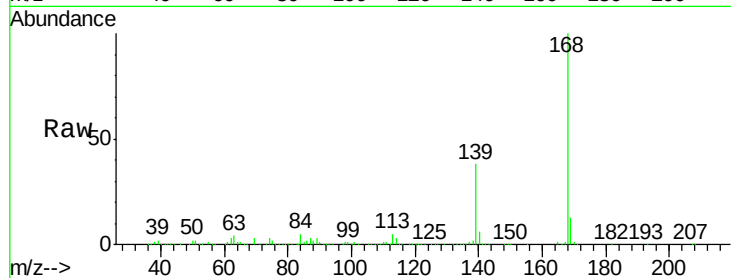




#55
Dibenzofuran
Concen: 39.44 ng
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

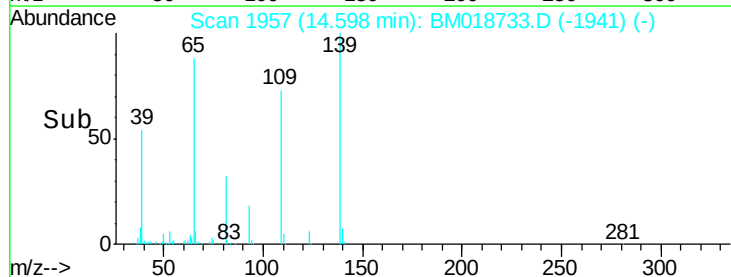
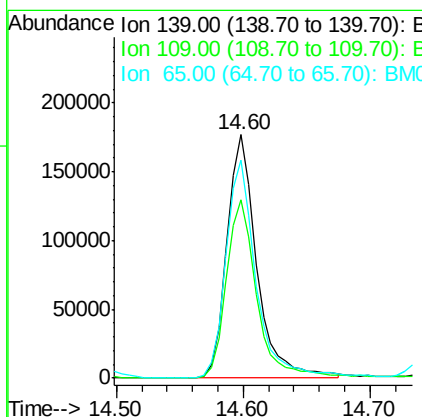
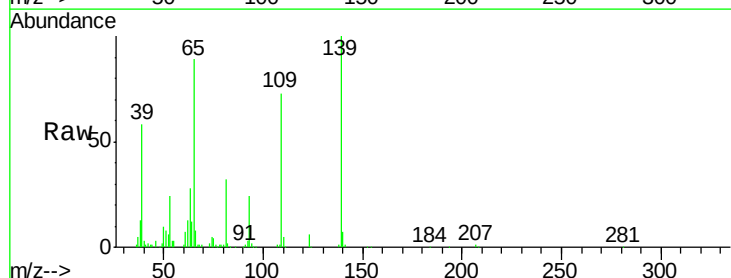
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

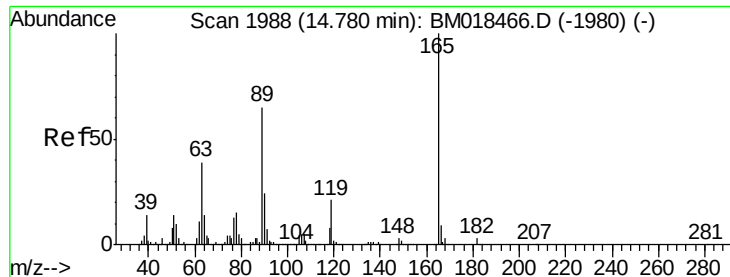
Tot Ion:168 Resp: 2067037
Ion Ratio Lower Upper
168 100
139 38.5 30.3 45.5
169 12.8 10.6 16.0



#56
4-Nitrophenol
Concen: 36.39 ng
RT: 14.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:139 Resp: 289660
Ion Ratio Lower Upper
139 100
109 73.4 51.7 91.7
65 89.4 71.4 111.4

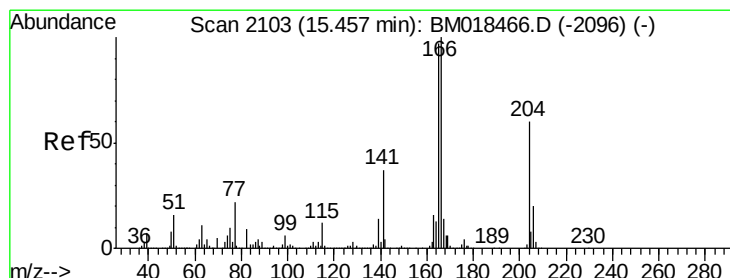
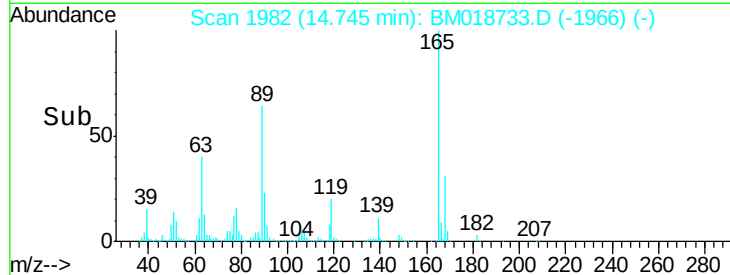
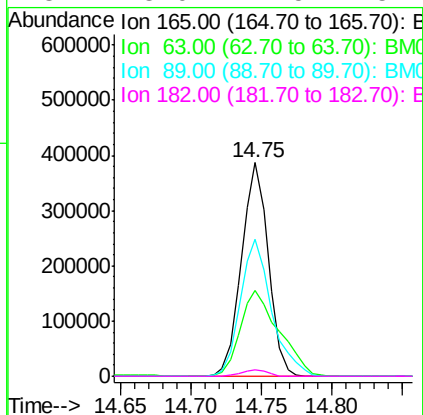
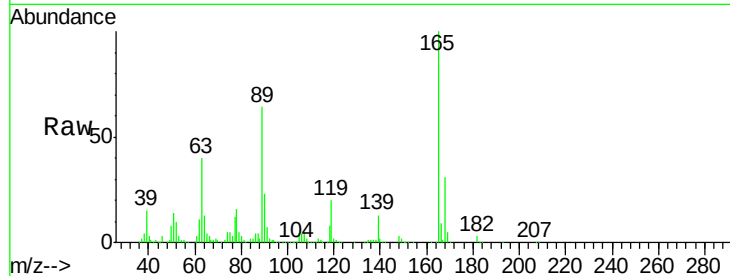




#57
2,4-Dinitrotoluene
Concen: 39.65 ng
RT: 14.75 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

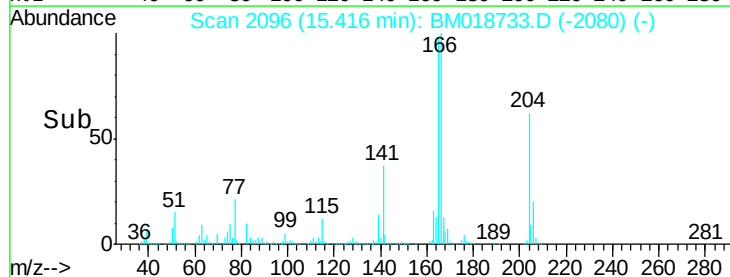
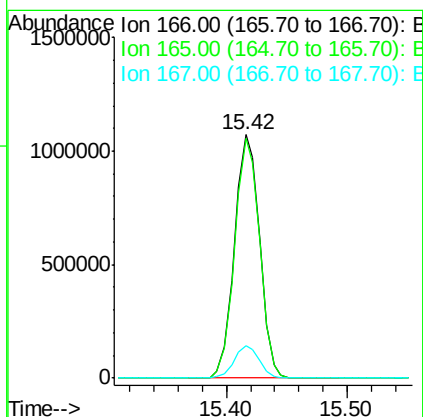
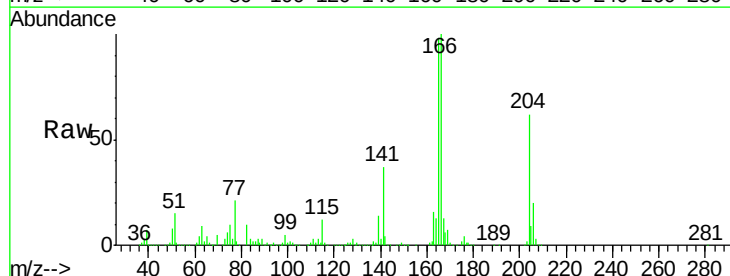
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

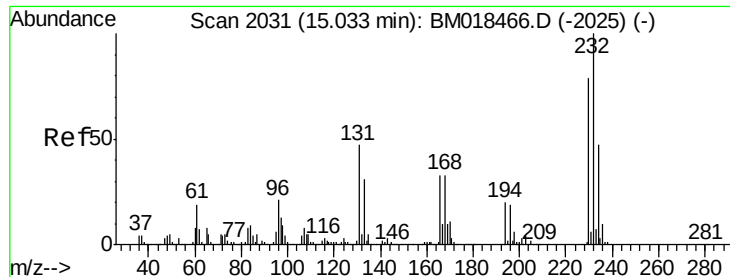
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.1	32.2	48.2
89	64.2	52.1	78.1
182	3.0	2.5	3.7



#58
Fluorene
Concen: 39.77 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.3	117.5
167	13.5	10.9	16.3

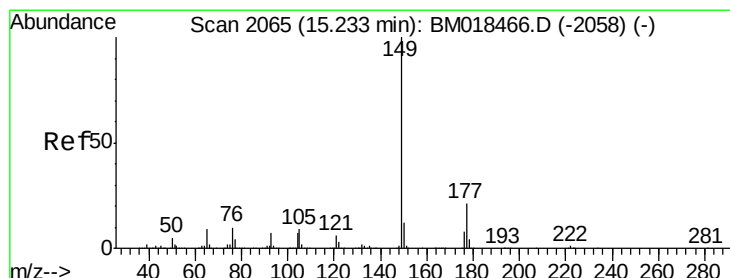
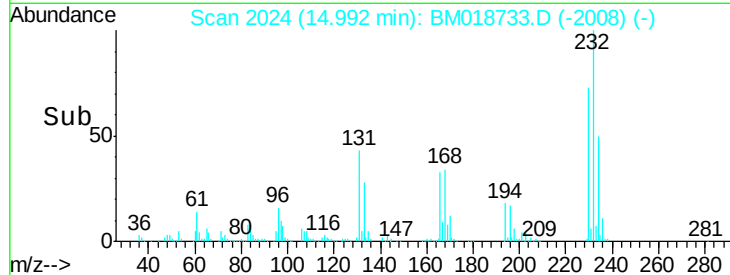
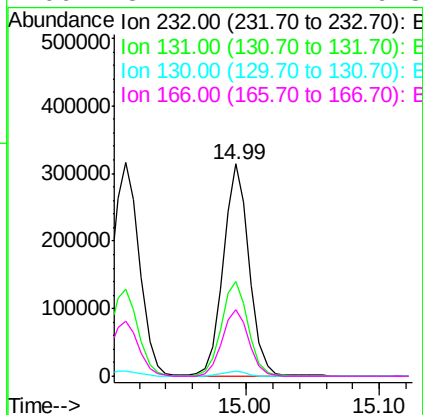
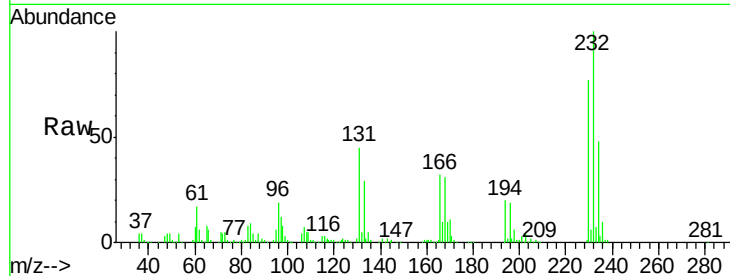




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.69 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

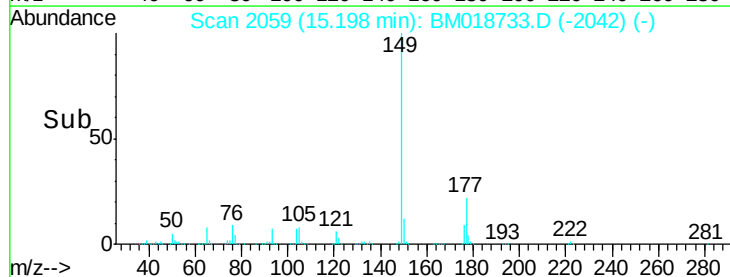
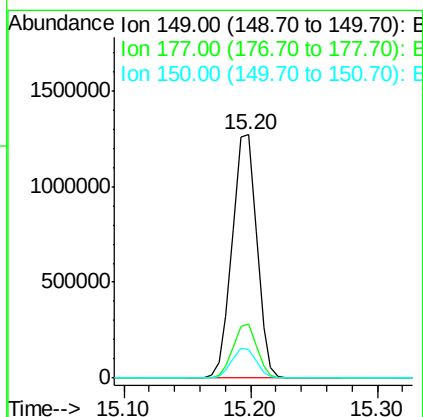
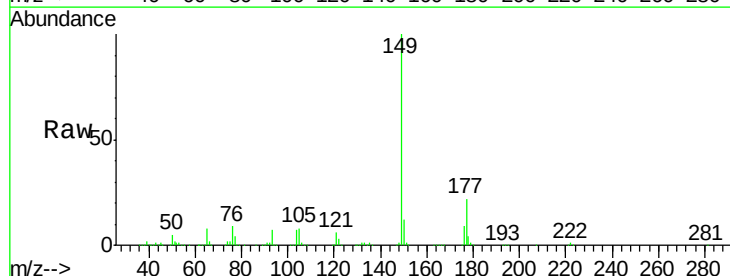
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

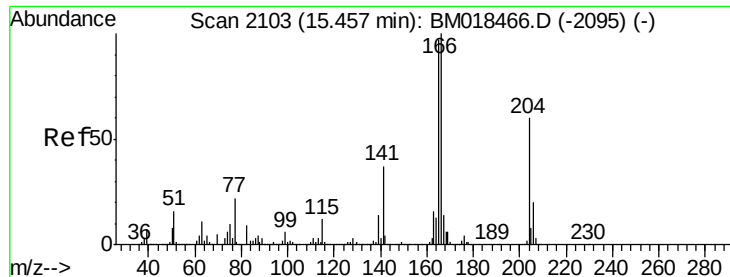
Tot Ion:232	Resp:	423213
Ion Ratio	Lower	Upper
232	100	
131	46.0	38.6 57.8
130	2.4	2.2 3.4
166	32.4	27.2 40.8



#60
 Diethylphthalate
 Concen: 39.07 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Tgt Ion:149	Resp:	1702133
Ion Ratio	Lower	Upper
149	100	
177	22.1	17.1 25.7
150	12.0	9.8 14.6

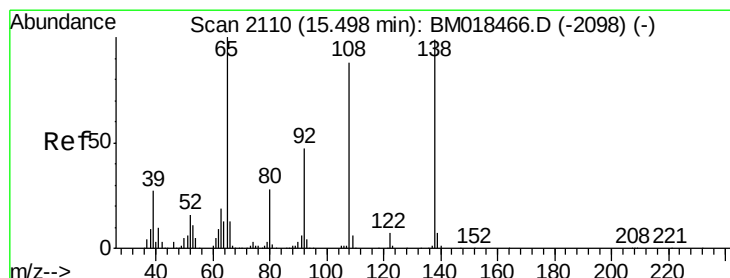
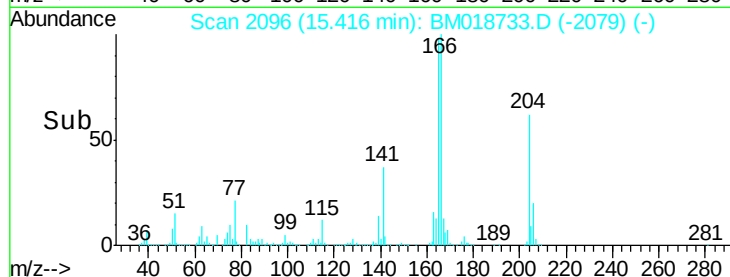
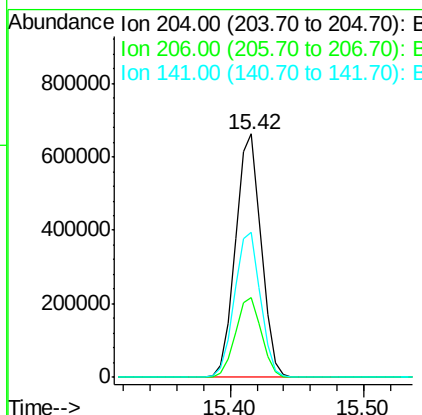
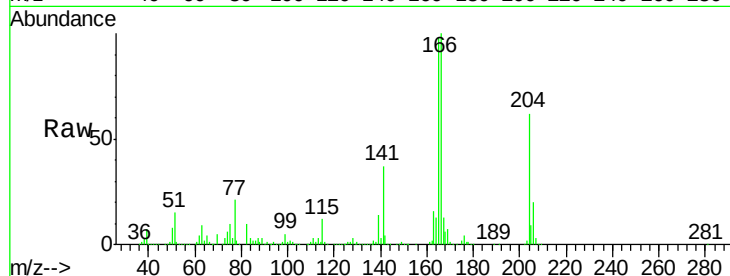




#61
4-Chlorophenyl-phenylether
Concen: 39.20 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

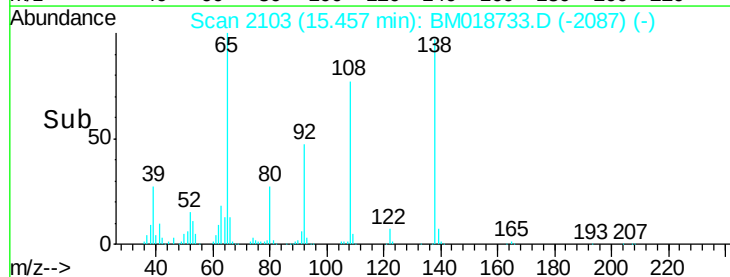
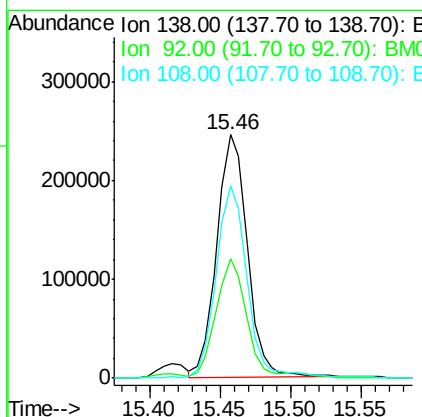
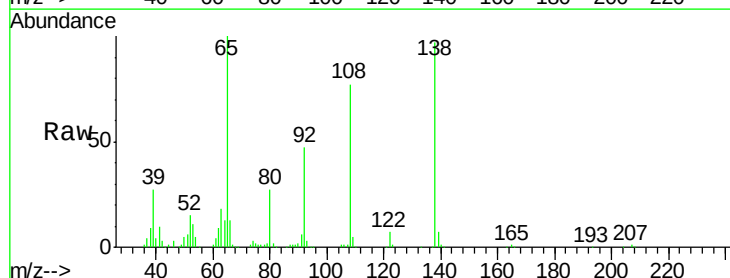
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

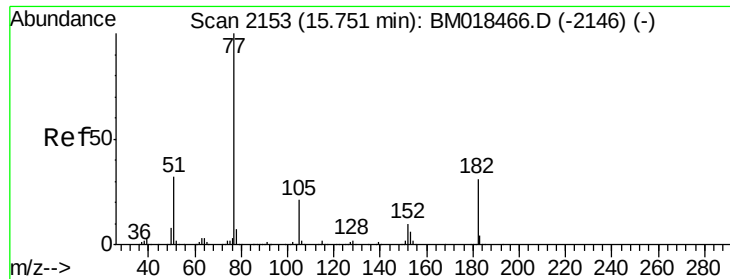
Tot Ion:204 Resp: 882123
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 59.8 49.5 74.3



#62
4-Nitroaniline
Concen: 36.71 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:138 Resp: 368988
Ion Ratio Lower Upper
138 100
92 49.0 29.0 69.0
108 79.3 63.9 103.9

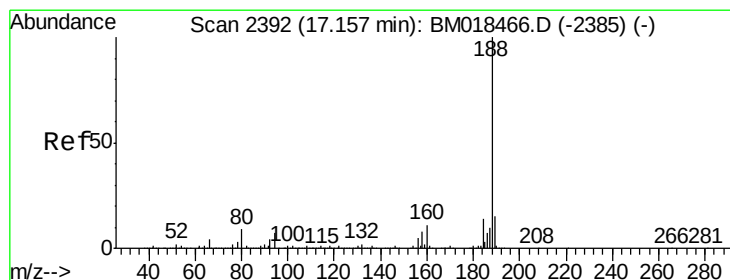
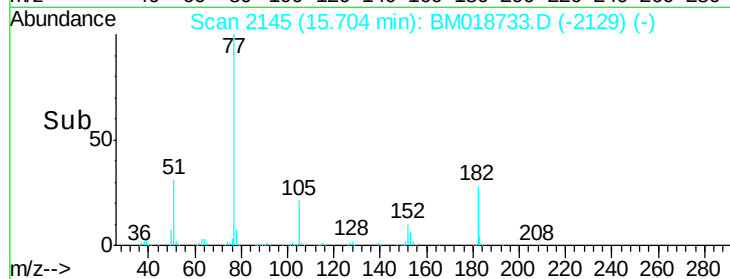
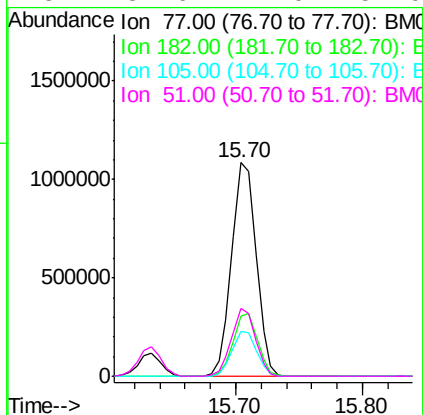
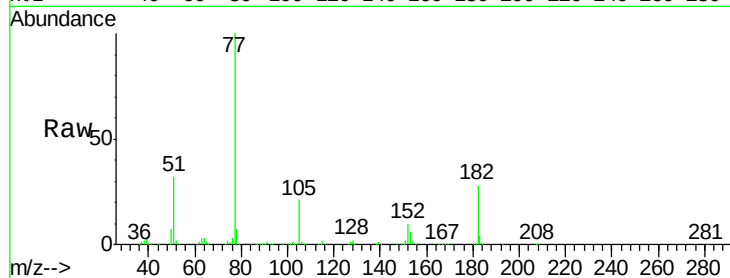




#63
Azobenzene
Concen: 40.81 ng
RT: 15.70 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

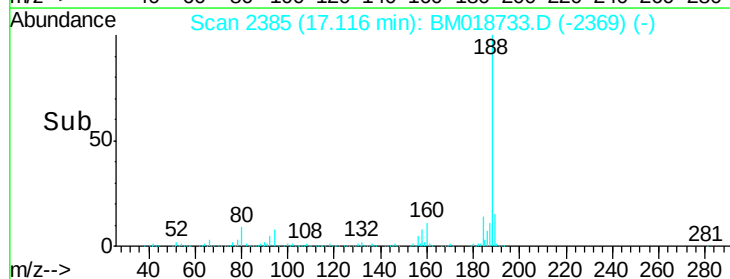
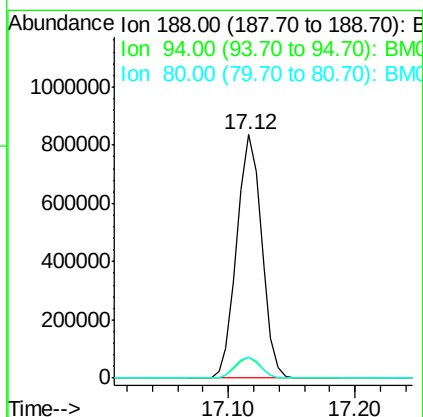
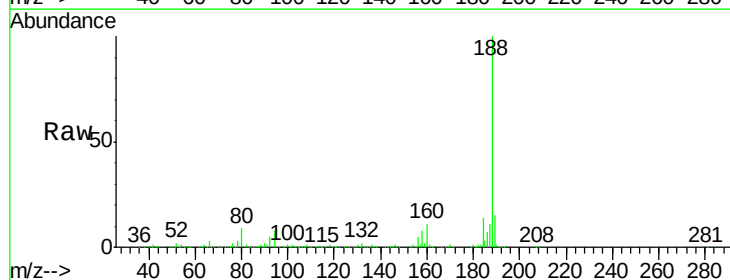
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

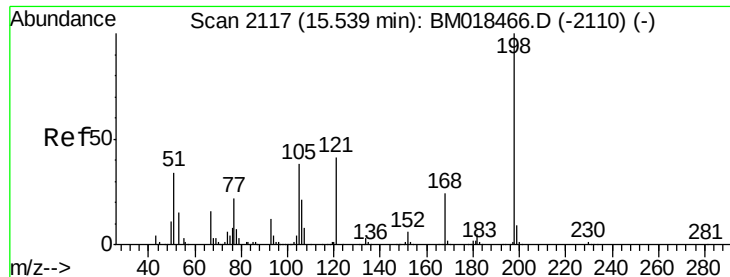
Tot Ion: 77 Resp: 1449389
Ion Ratio Lower Upper
77 100
182 28.0 7.4 47.4
105 21.1 0.0 39.6
51 31.6 12.0 52.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion: 188 Resp: 1138091
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 8.7 7.6 11.4

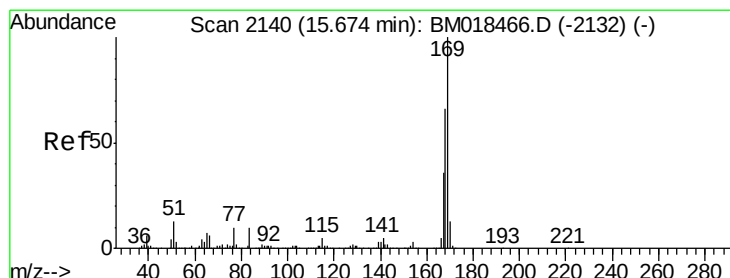
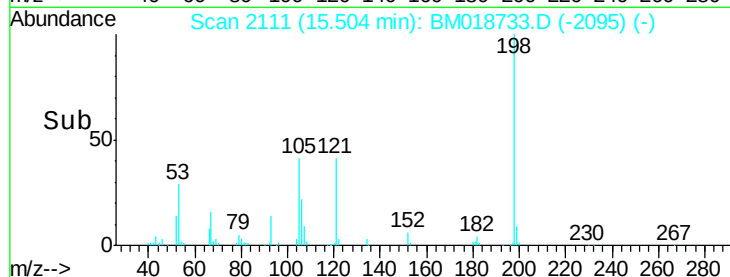
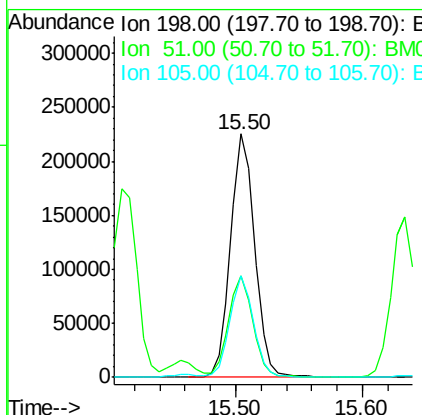
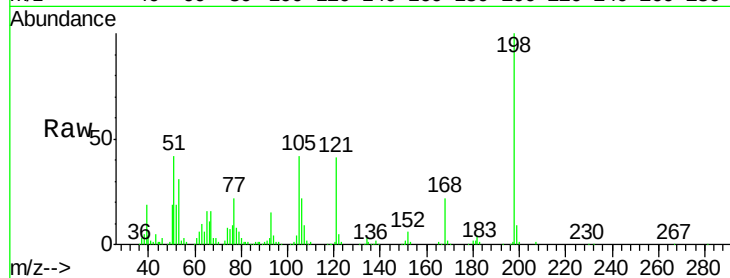




#65
4,6-Dinitro-2-methylphenol
Concen: 41.69 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

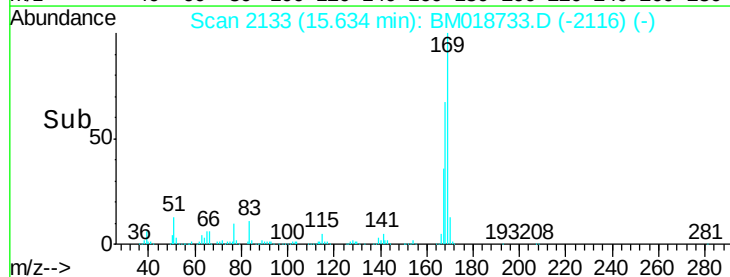
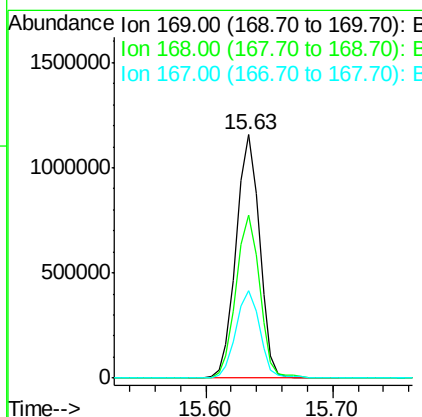
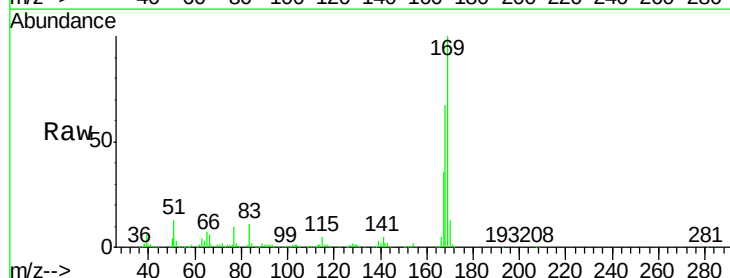
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

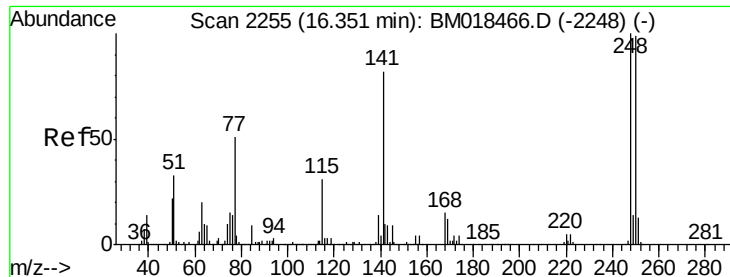
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.9	29.6	69.6
105	41.6	25.5	65.5



#66
n-Nitrosodiphenylamine
Concen: 41.76 ng
RT: 15.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.1	81.1
167	36.2	28.6	42.8

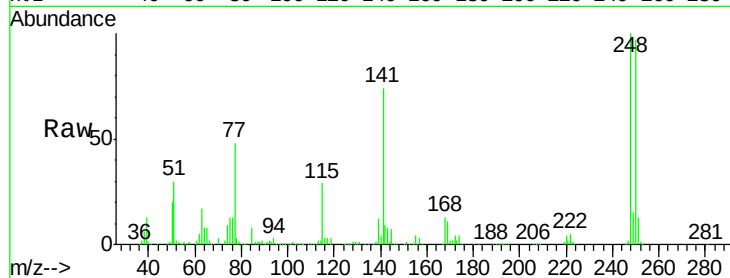




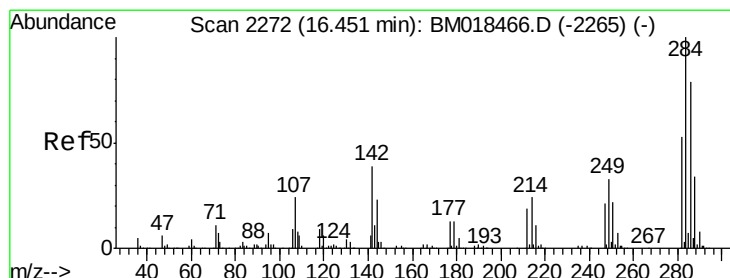
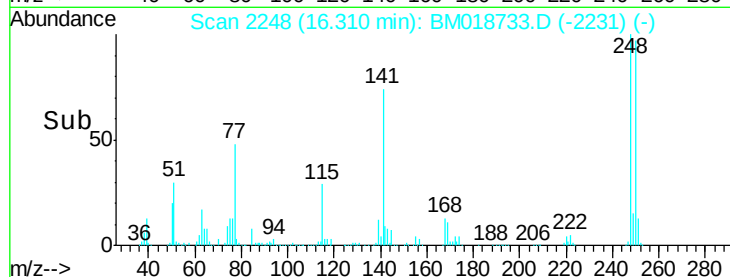
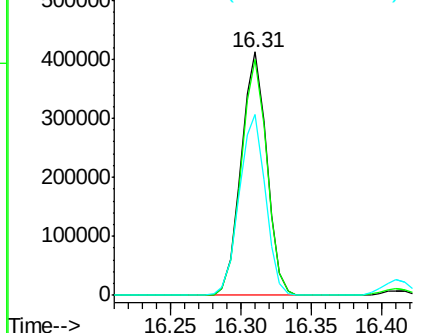
#67
4-Bromophenyl-phenylether
Concen: 41.15 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 524070
Ion Ratio Lower Upper
248 100
250 97.0 76.0 114.0
141 74.4 61.5 92.3

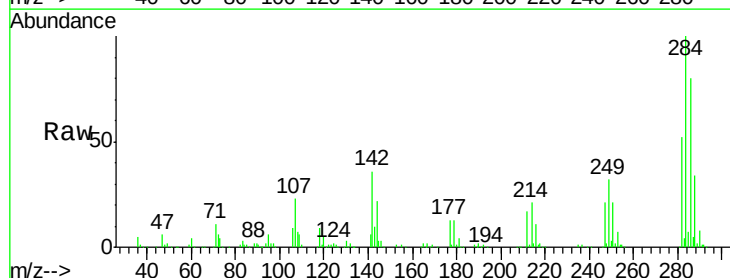


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

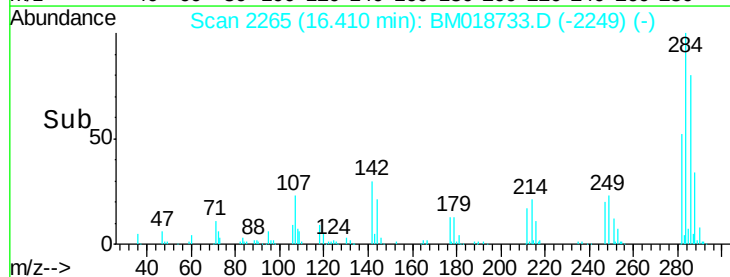
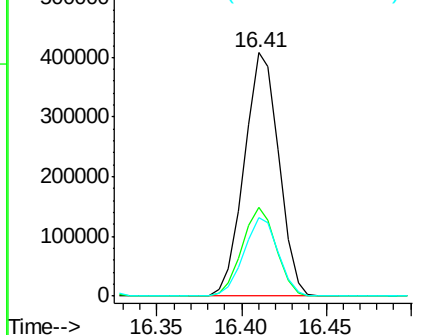


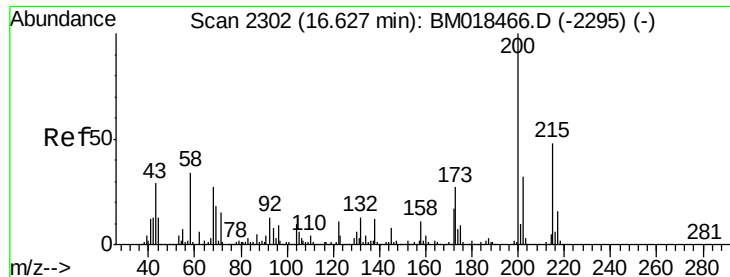
#68
Hexachlorobenzene
Concen: 40.76 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:284 Resp: 581146
Ion Ratio Lower Upper
284 100
142 36.4 29.2 43.8
249 32.3 26.1 39.1



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





#69

Atrazine

Concen: 36.22 ng

RT: 16.59 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

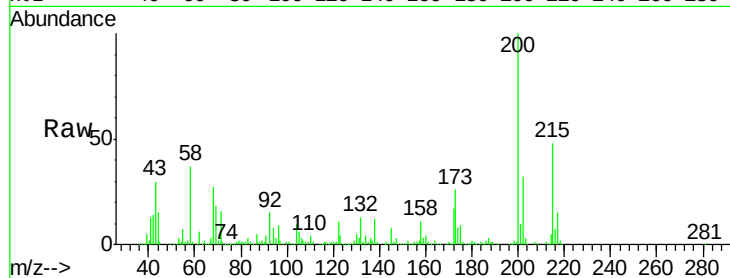
Tot Ion:200 Resp: 462233

Ion Ratio Lower Upper

200 100

173 26.4 7.2 47.2

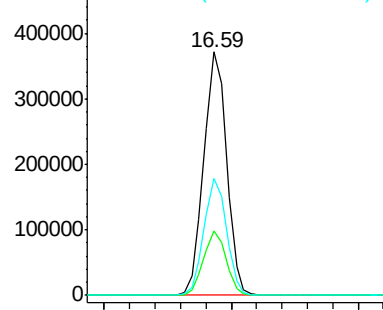
215 48.1 28.3 68.3



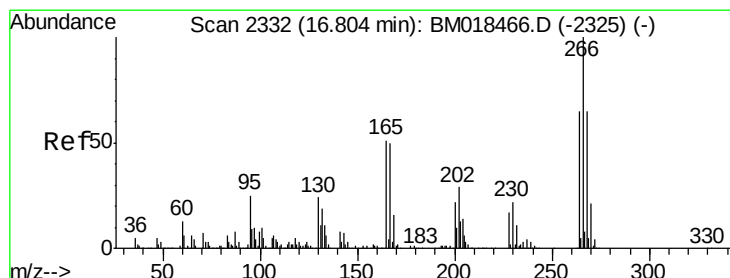
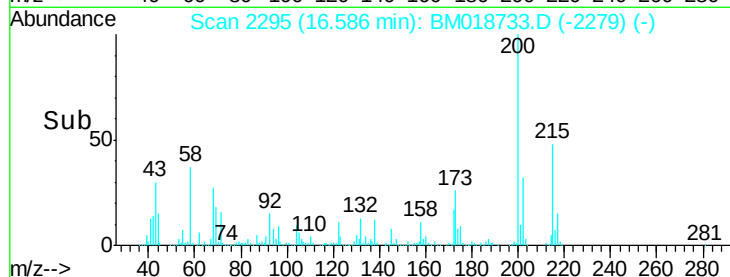
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 16.50 16.60 16.70



#70

Pentachlorophenol

Concen: 41.71 ng

RT: 16.76 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

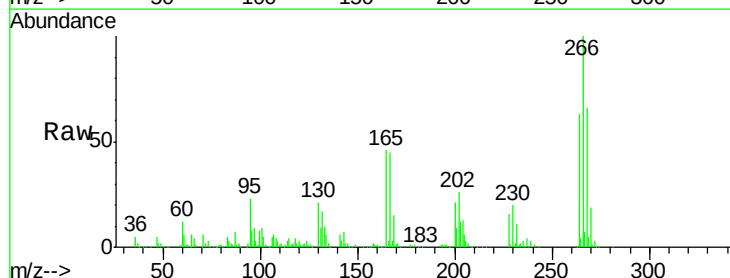
Tgt Ion:266 Resp: 389505

Ion Ratio Lower Upper

266 100

268 65.8 49.8 74.6

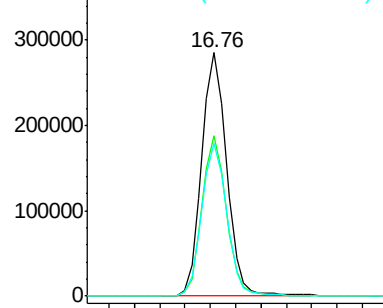
264 62.9 50.1 75.1



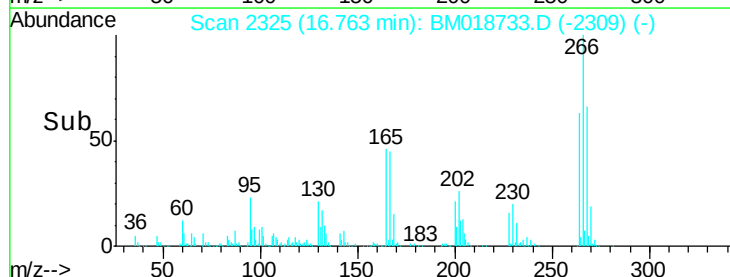
Abundance Ion 265.70 (265.40 to 266.40): E

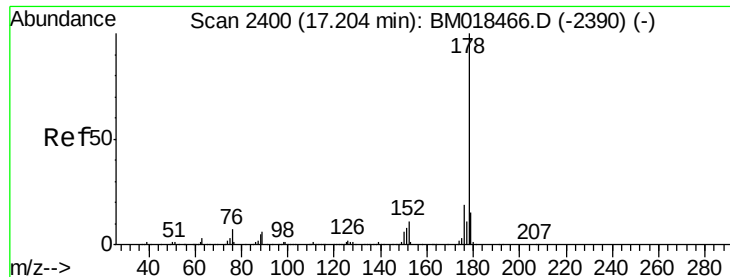
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 16.70 16.80





#71

Phenanthrene

Concen: 40.50 ng

RT: 17.16 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

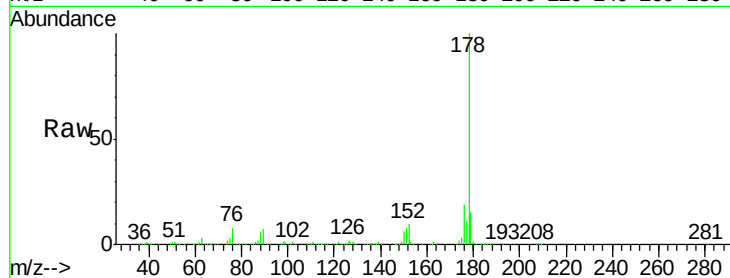
Tot Ion:178 Resp: 2451591

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

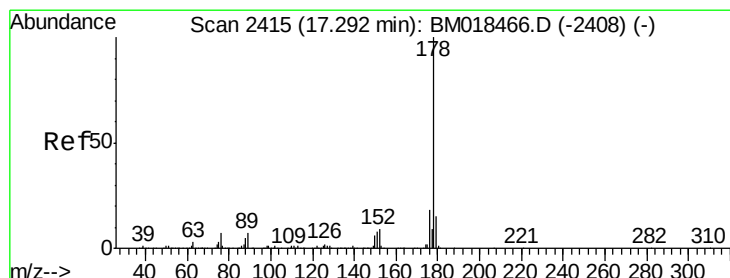
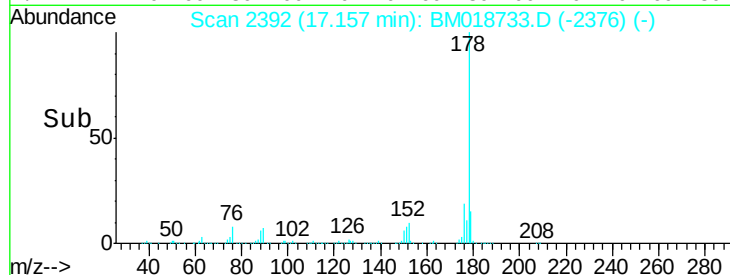
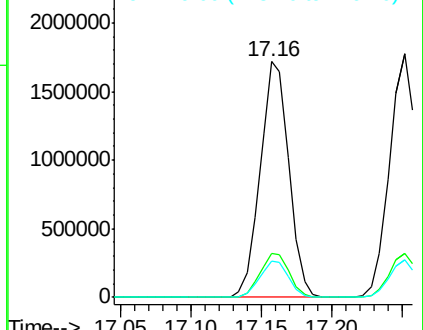
179 15.2 12.2 18.4



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: 41.54 ng

RT: 17.25 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

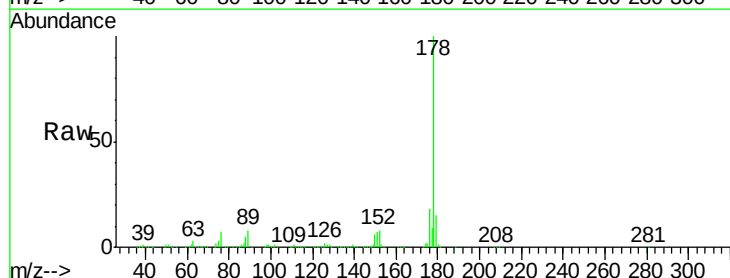
Tgt Ion:178 Resp: 2418336

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

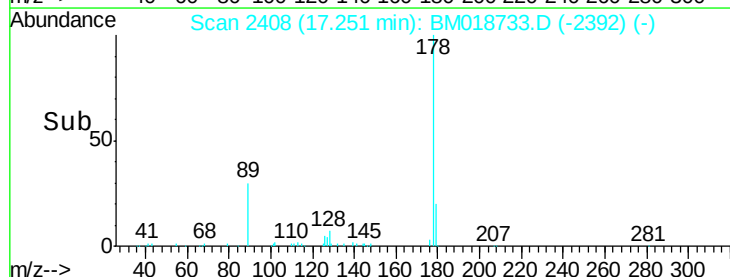
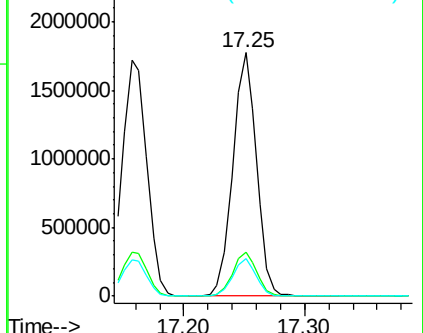
179 15.4 12.2 18.4

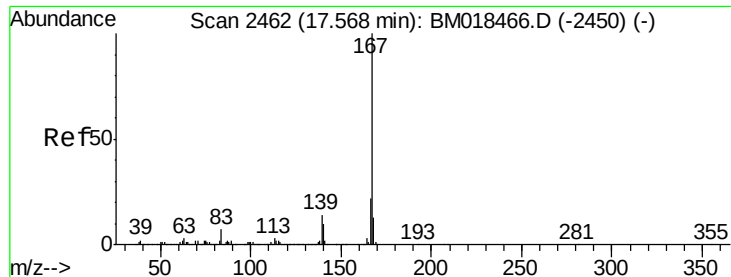


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



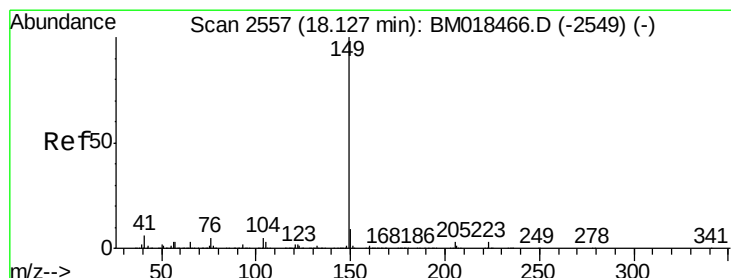
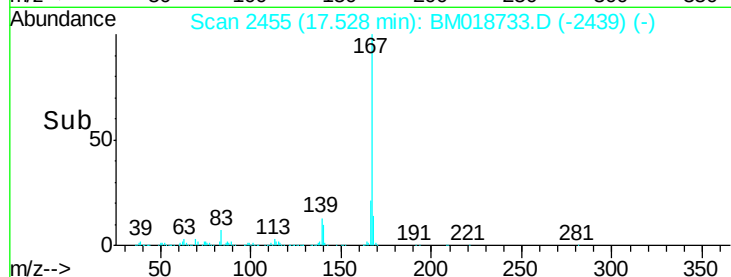
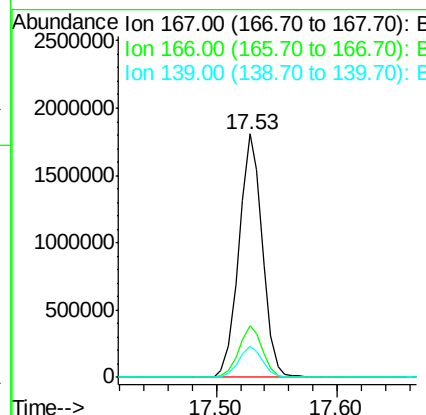
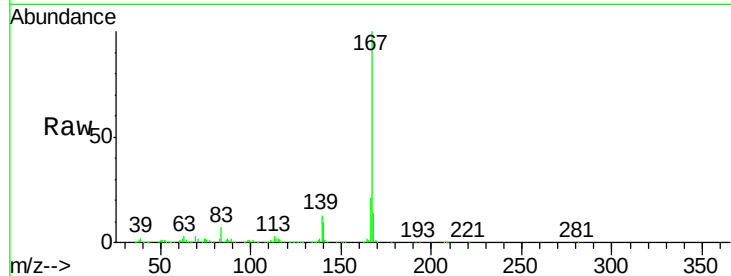


#73
 Carbazole
 Concen: 40.98 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 2450916

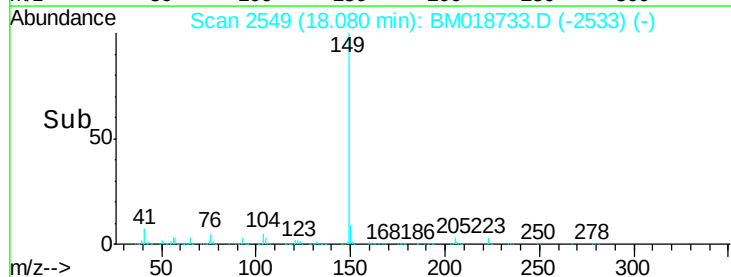
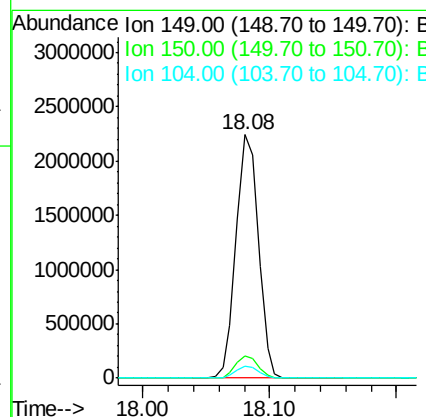
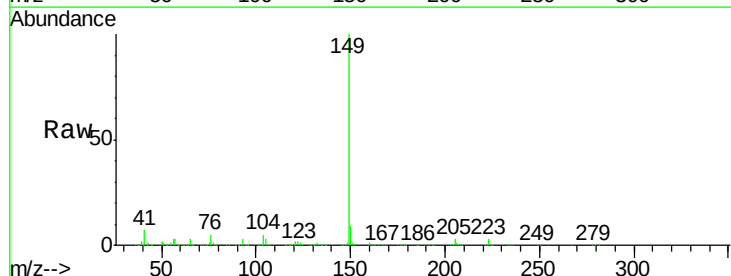
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.2
139	13.0	10.6	16.0

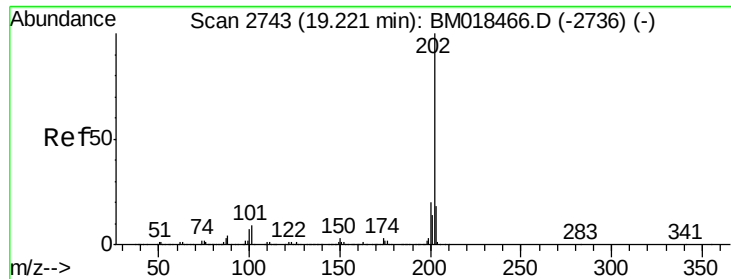


#74
 Di-n-butylphthalate
 Concen: 41.68 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BM018733.D
 Acq: 07 Feb 2019 11:59

Tgt Ion:149 Resp: 2730194

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.8	4.2	6.4





#75

Fluoranthene

Concen: 39.40 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

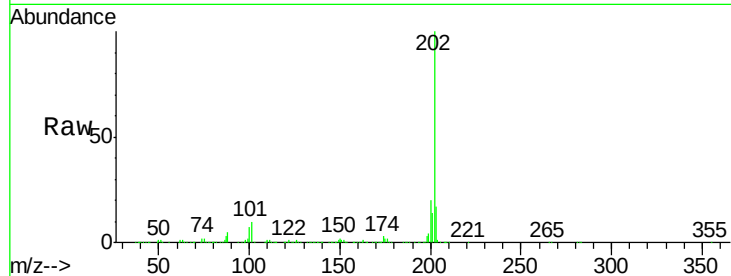
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2750146

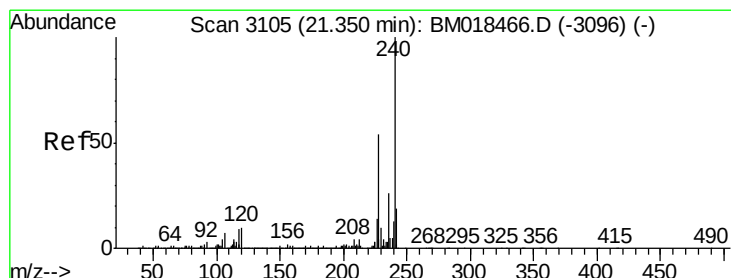
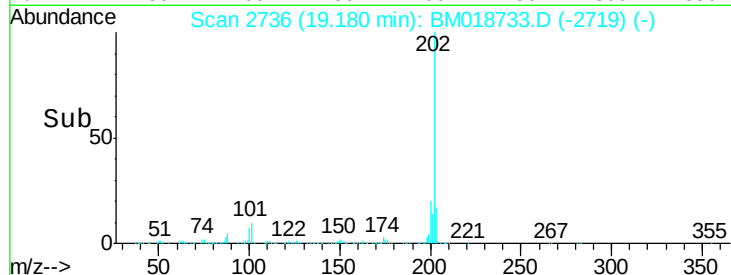
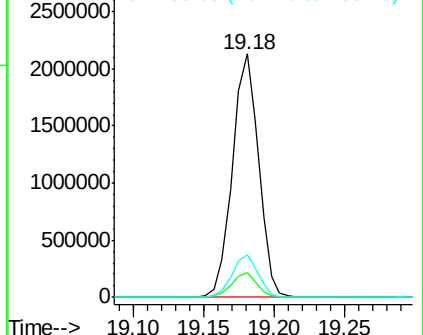
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.9
203	17.5	0.0	37.4



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: 20.00 ng

RT: 21.31 min Scan# 3098

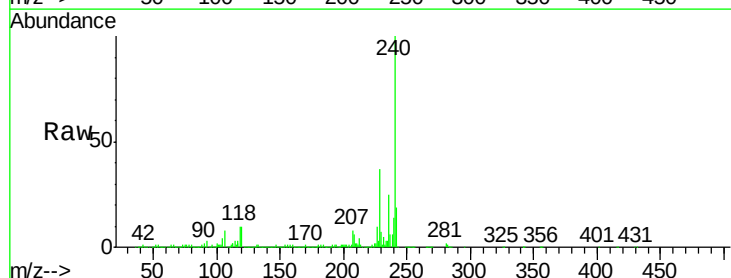
Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Tgt Ion:240 Resp: 1148220

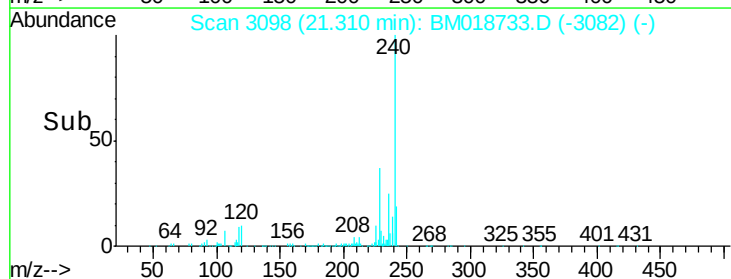
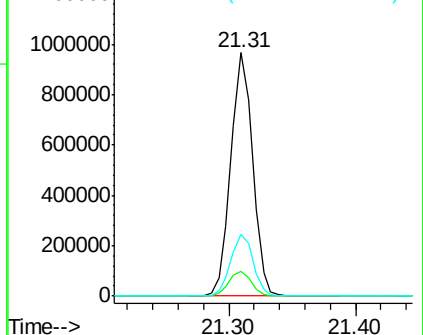
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	25.3	20.7	31.1

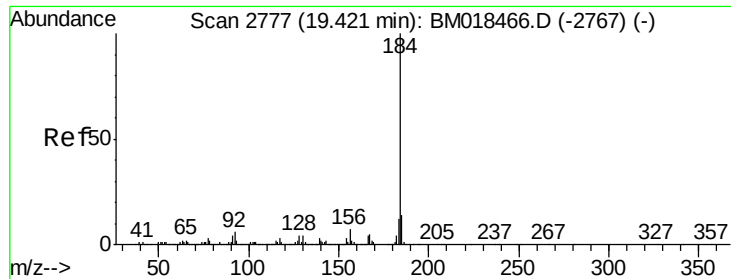


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.84 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

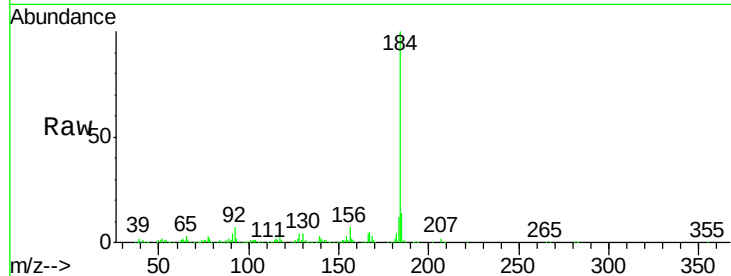
Tot Ion:184 Resp: 959406

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

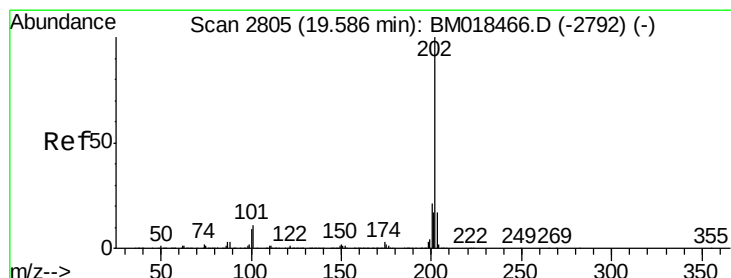
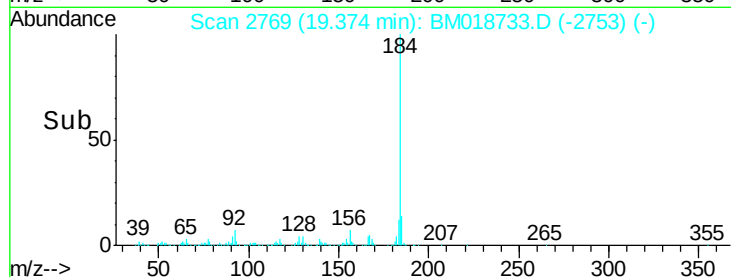
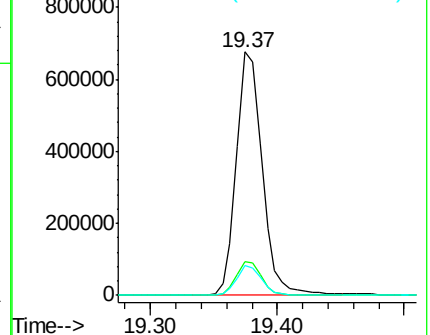
183 12.0 9.5 14.3



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: 42.71 ng

RT: 19.55 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

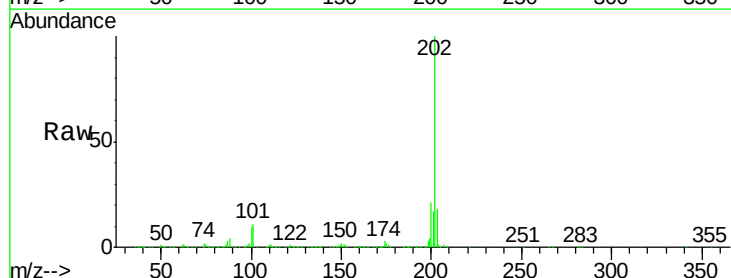
Tgt Ion:202 Resp: 2907185

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

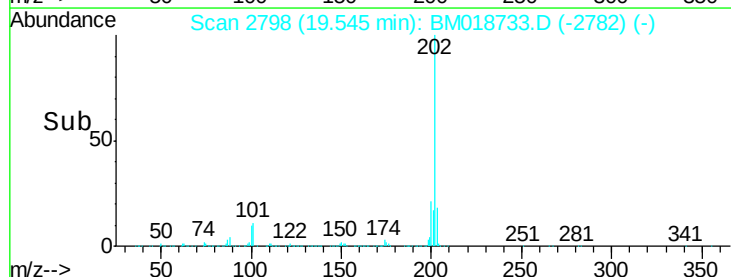
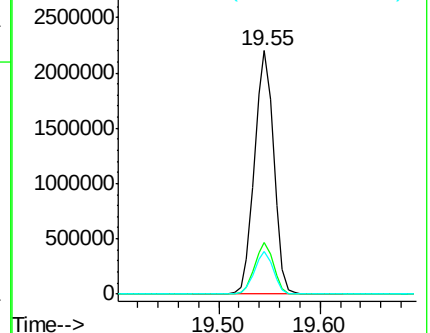
203 17.6 13.8 20.8

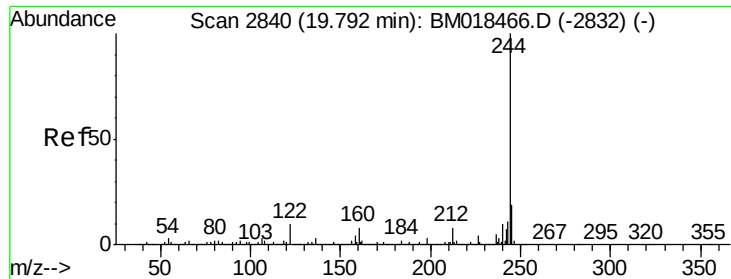


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.31 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

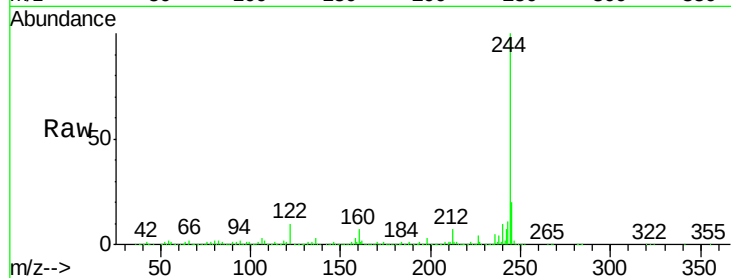
Tot Ion:244 Resp: 4700974

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.8 9.0 13.4

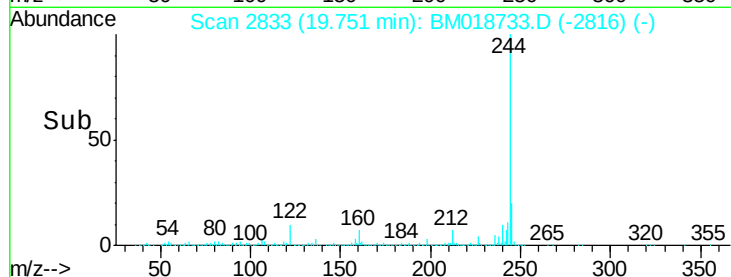


Abundance Ion 244.00 (243.70 to 244.70): E

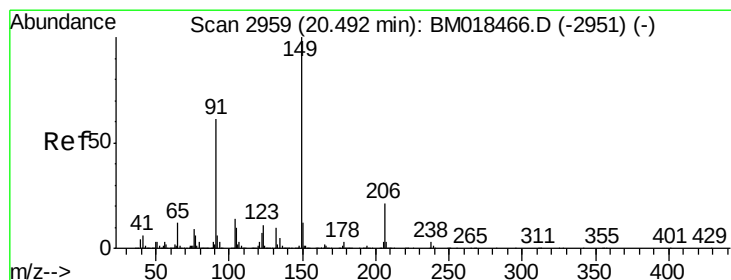
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.75



Time-->



#80

Butylbenzylphthalate

Concen: 42.55 ng

RT: 20.45 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

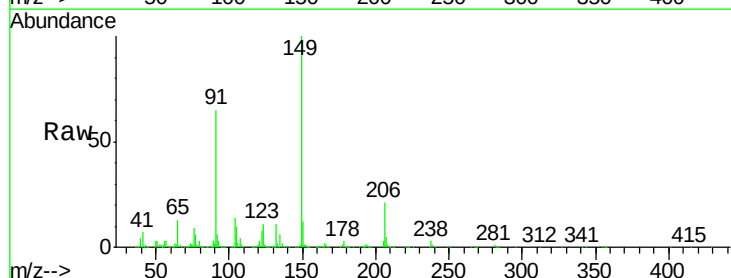
Tgt Ion:149 Resp: 1235818

Ion Ratio Lower Upper

149 100

91 64.9 53.1 79.7

206 20.6 16.2 24.4

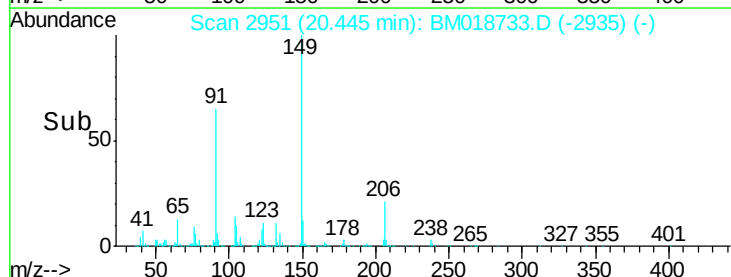


Abundance Ion 149.00 (148.70 to 149.70): E

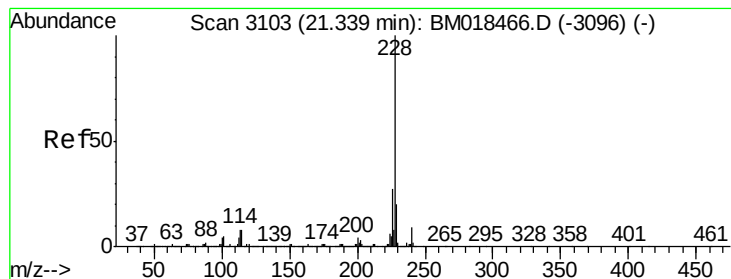
Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

20.45



Time-->



#81

Benzo(a)anthracene

Concen: 40.72 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

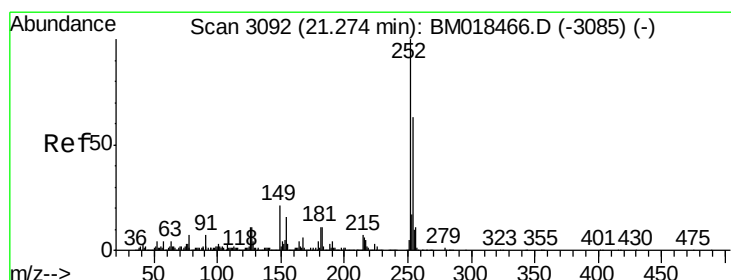
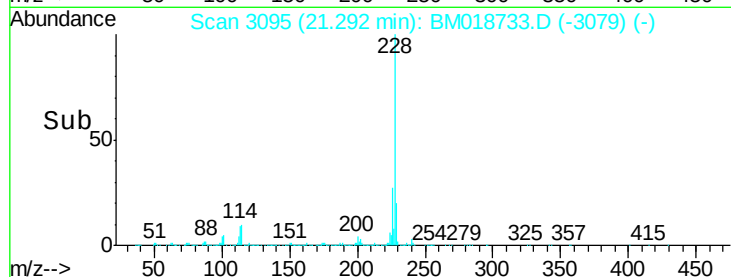
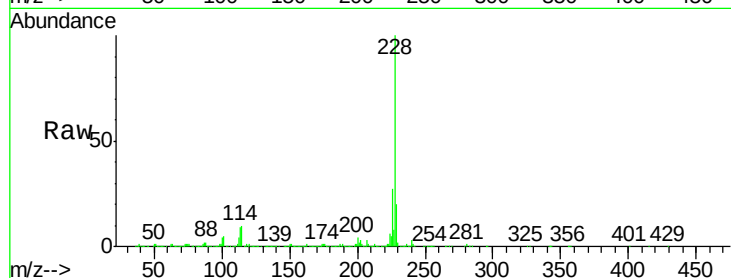
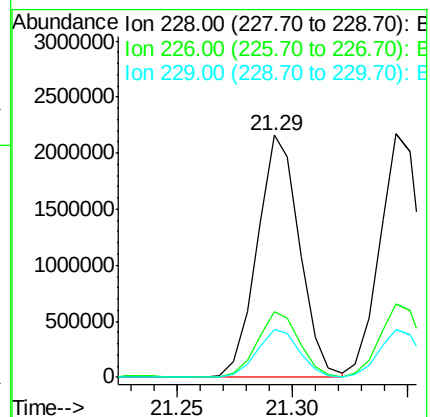
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2754659

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.8	15.8	23.8



#82

3,3'-Dichlorobenzidine

Concen: 39.55 ng

RT: 21.23 min Scan# 3085

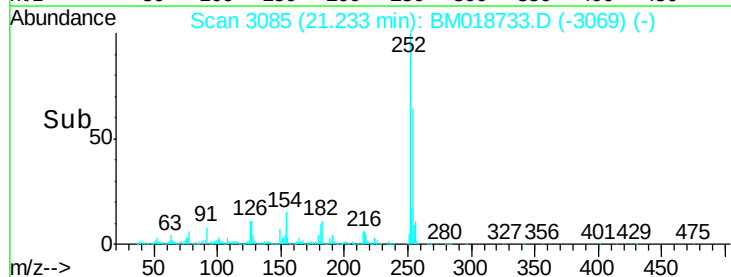
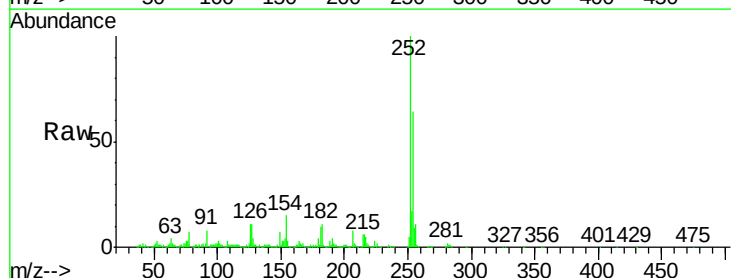
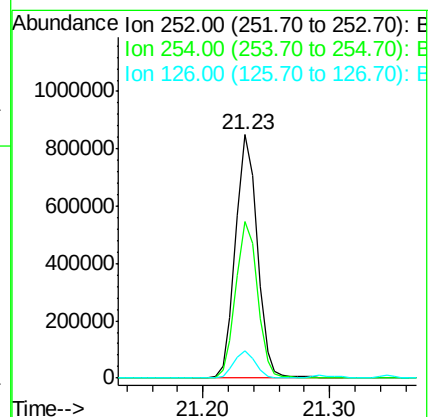
Delta R.T. -0.01 min

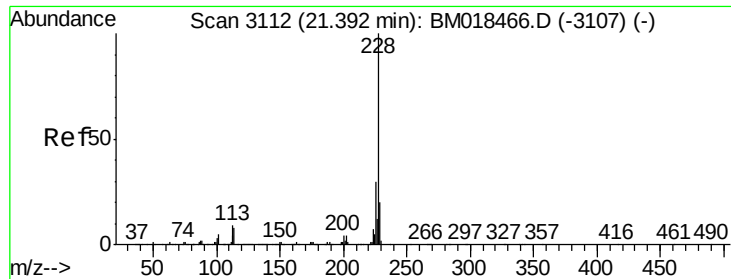
Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Tgt Ion:252 Resp: 1011680

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.0
126	11.0	8.7	13.1





#83

Chrysene

Concen: 40.73 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

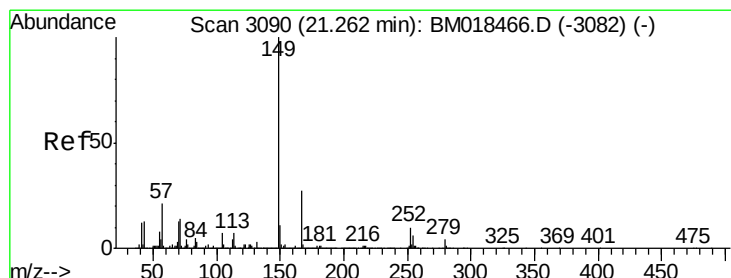
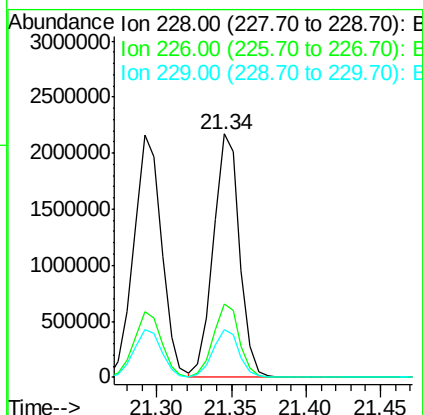
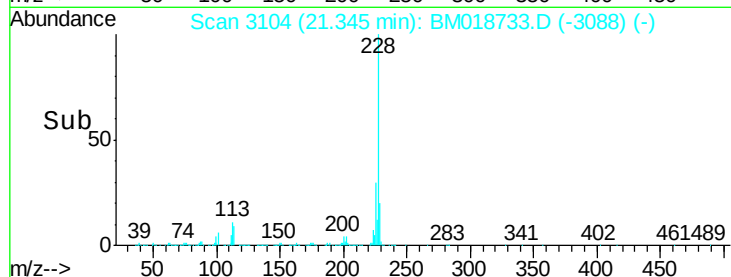
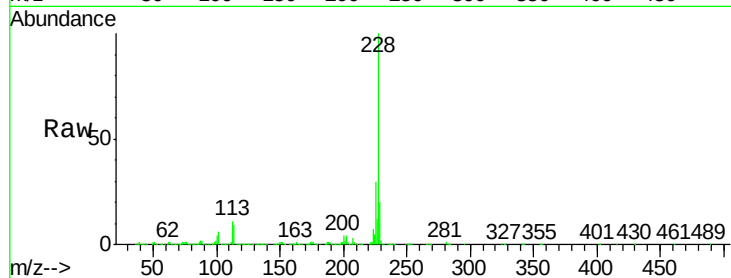
Tot Ion:228 Resp: 2660231

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.28 ng

RT: 21.22 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

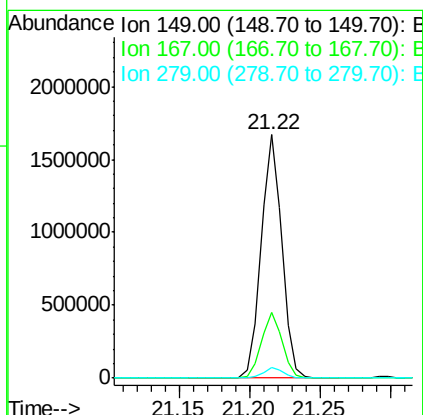
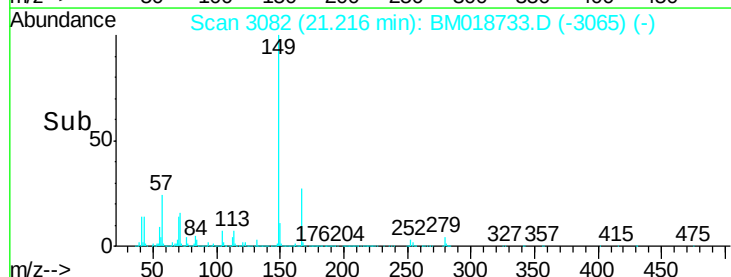
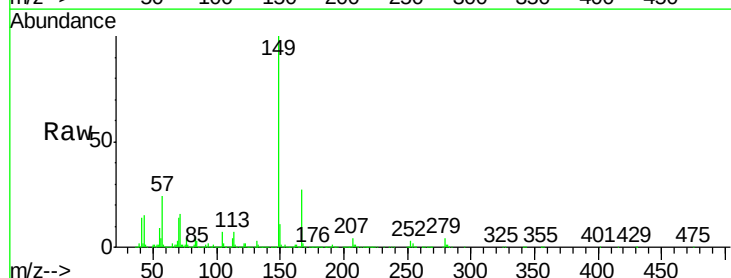
Tgt Ion:149 Resp: 1731077

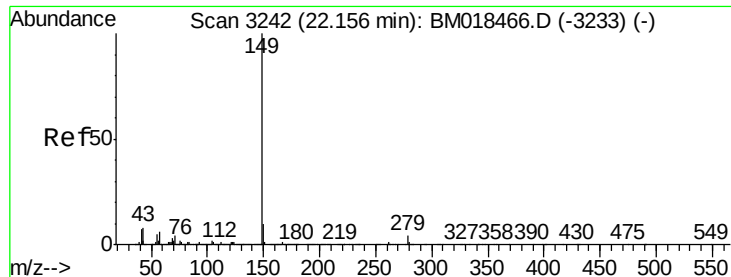
Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 40.96 ng

RT: 22.10 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

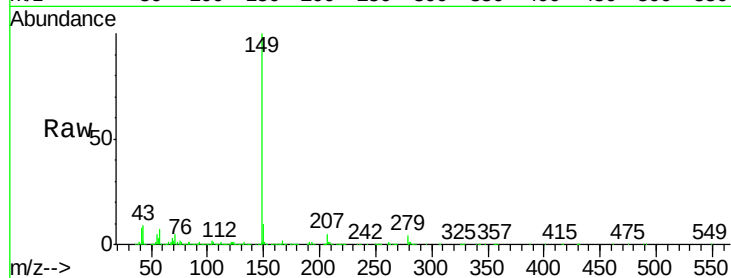
Tot Ion:149 Resp: 2889436

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

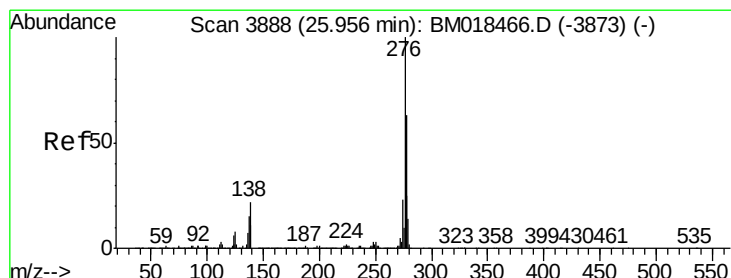
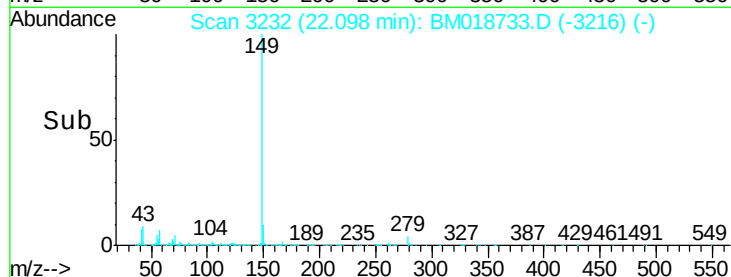
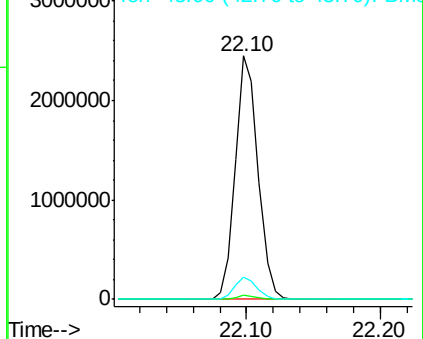
43 9.1 8.6 12.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.87 ng

RT: 25.87 min Scan# 3873

Delta R.T. 0.00 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

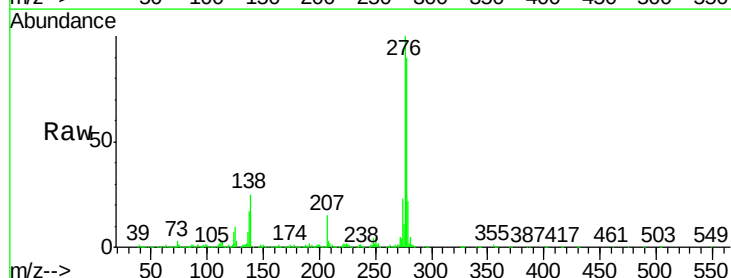
Tgt Ion:276 Resp: 2928086

Ion Ratio Lower Upper

276 100

138 25.3 21.5 32.3

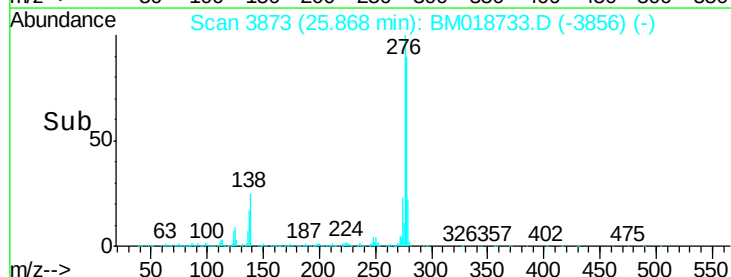
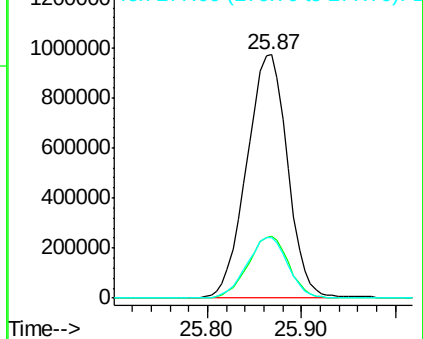
277 25.1 20.2 30.2

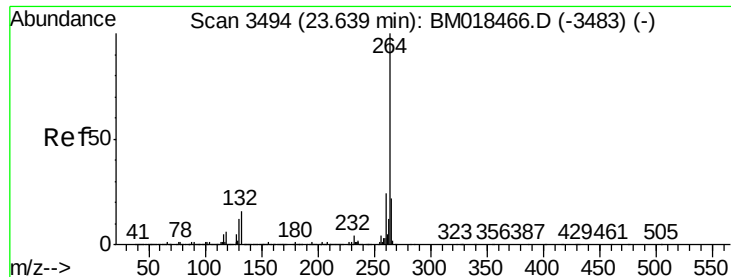


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



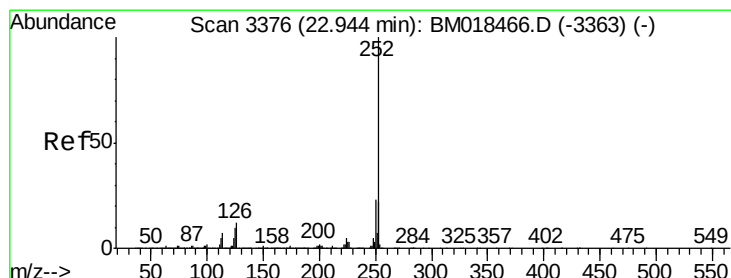
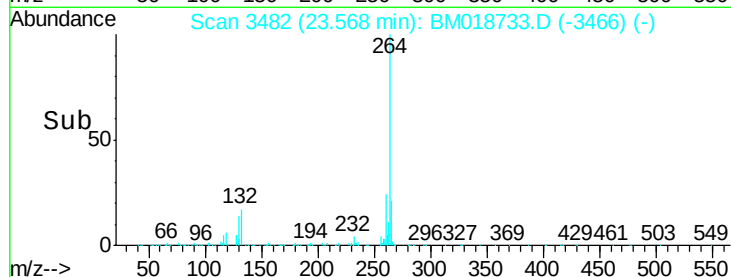
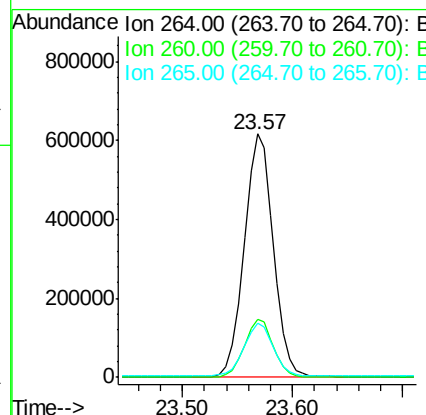
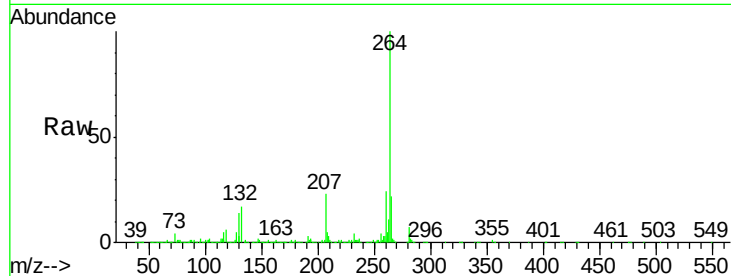


#87
Pervlene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 1140990

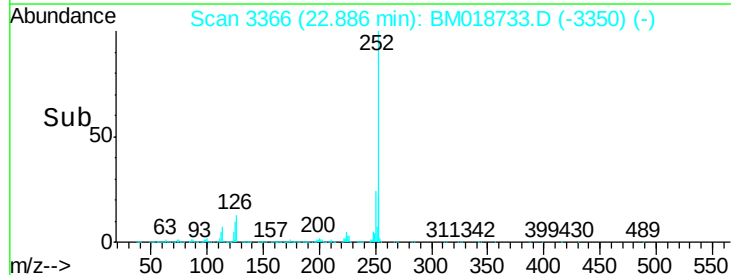
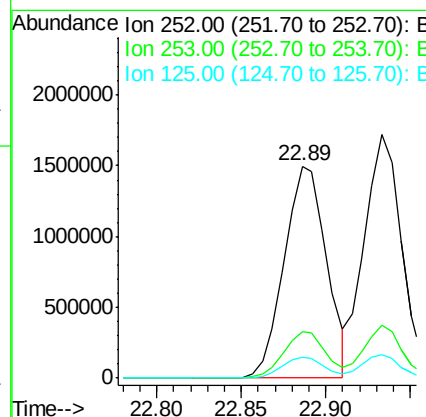
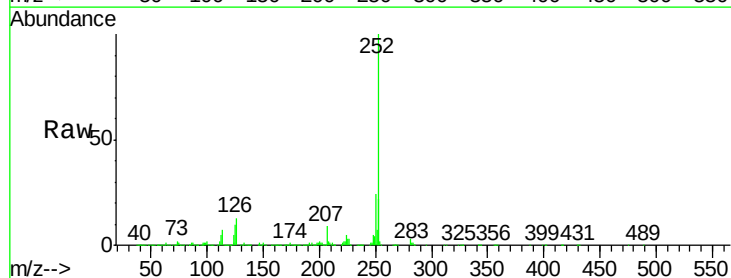
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	16.8	25.2

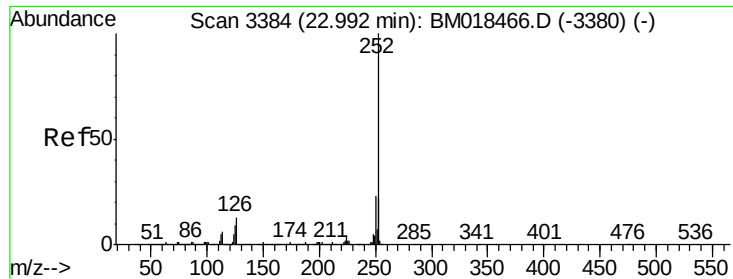


#88
Benzo(b)fluoranthene
Concen: 40.28 ng
RT: 22.89 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:252 Resp: 2608979

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.8	8.5	12.7

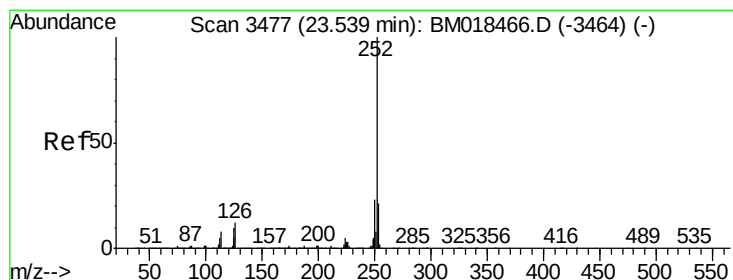
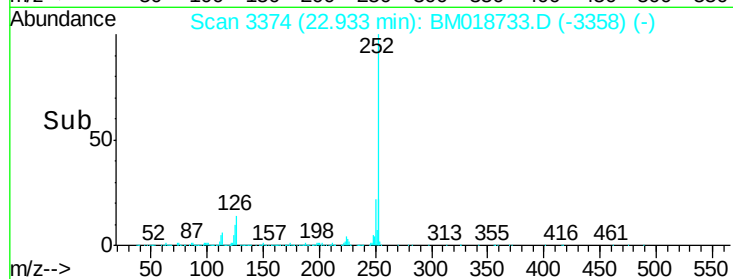
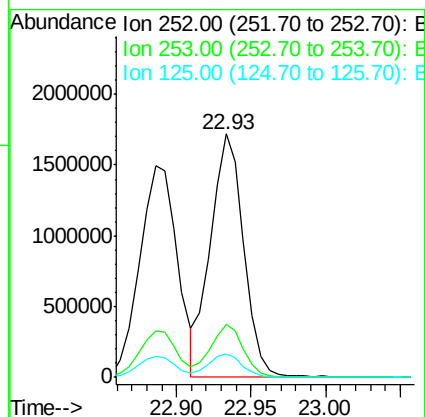
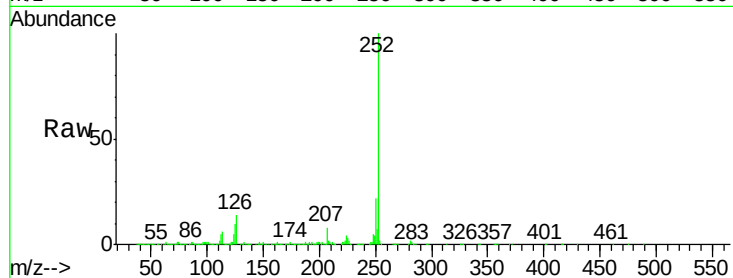




#89
Benzo(k)fluoranthene
Concen: 40.65 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

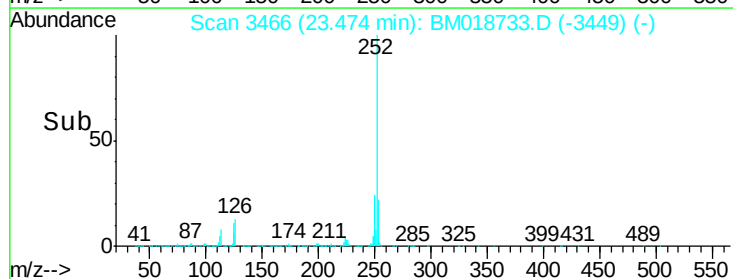
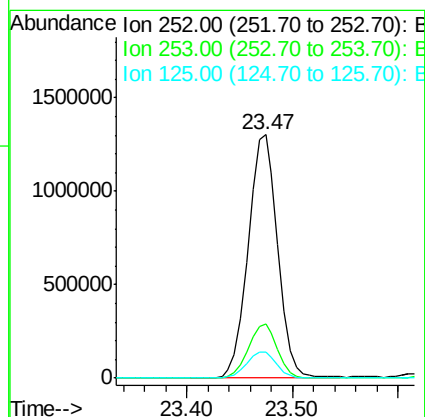
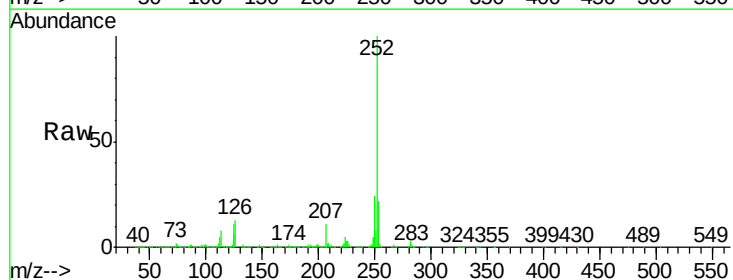
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

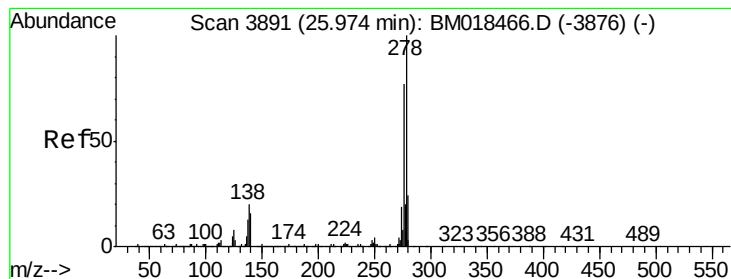
Tot Ion:252 Resp: 2653973
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.6 8.6 12.8



#90
Benzo(a)pyrene
Concen: 40.61 ng
RT: 23.47 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BM018733.D
Acq: 07 Feb 2019 11:59

Tgt Ion:252 Resp: 2518415
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.7 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 38.84 ng

RT: 25.87 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Instrument :

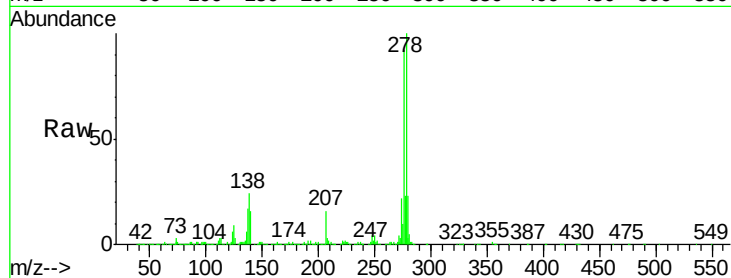
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 2440431

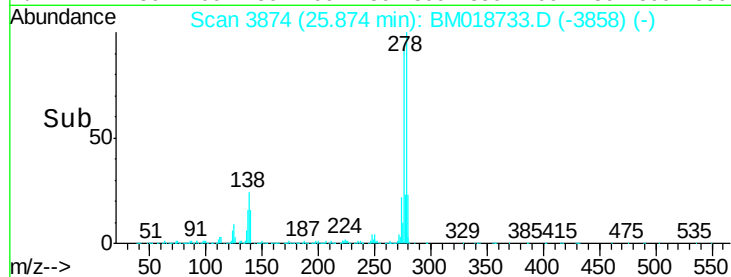
Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.2	19.8
279	23.4	19.0	28.4



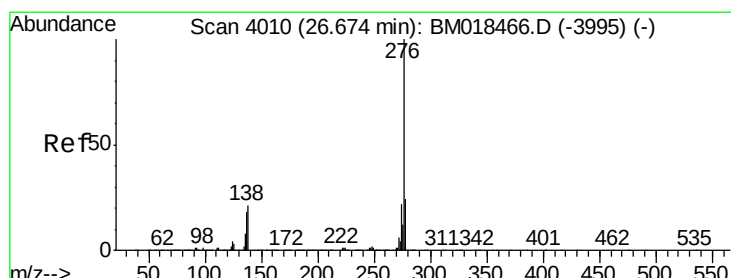
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 39.82 ng

RT: 26.57 min Scan# 3992

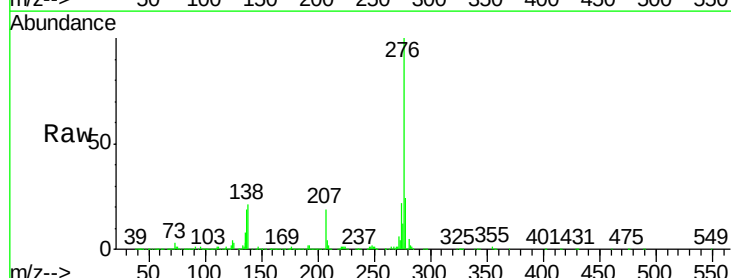
Delta R.T. -0.01 min

Lab File: BM018733.D

Acq: 07 Feb 2019 11:59

Tgt Ion:276 Resp: 2434821

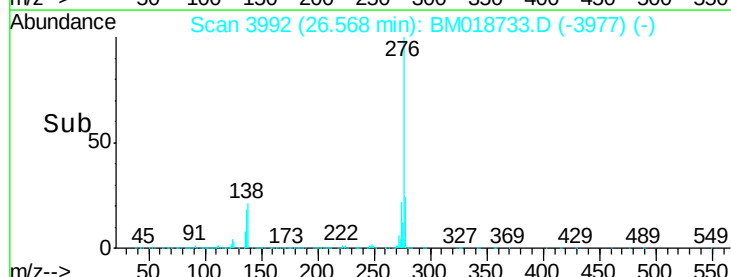
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	21.2	18.1	27.1



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



Time-->