

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018578.D
 Acq On : 16 Jan 2019 11:20
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 16 13:40:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 13:36:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	265491	20.00	ng	0.00
21) Naphthalene-d8	10.54	136	1038631	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	565654	20.00	ng	0.00
64) Phenanthrene-d10	17.14	188	1211473	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1210688	20.00	ng	0.00
87) Perylene-d12	23.61	264	1198753	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1138556	79.19	ng	0.00
7) Phenol-d6	6.92	99	1440761	78.89	ng	0.00
23) Nitrobenzene-d5	8.92	82	1401521	78.23	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	606057	84.15	ng	0.00
45) 2-Fluorobiphenyl	13.01	172	3487850	80.46	ng	0.00
79) Terphenyl-d14	19.77	244	4889242	85.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	213953	36.510	ng	95
3) Pyridine	3.67	79	562950	38.531	ng	97
4) n-Nitrosodimethylamine	3.60	42	232441	38.474	ng	# 92
6) Aniline	7.09	93	856906	42.065	ng	98
8) 2-Chlorophenol	7.31	128	671877	40.011	ng	95
9) Benzaldehyde	6.90	77	382879	35.218	ng	96
10) Phenol	6.95	94	720735	38.839	ng	98
11) bis(2-Chloroethyl)ether	7.18	93	568575	38.994	ng	95
12) 1,3-Dichlorobenzene	7.63	146	790557	39.531	ng	99
13) 1,4-Dichlorobenzene	7.78	146	799976	39.467	ng	99
14) 1,2-Dichlorobenzene	8.10	146	760811	39.585	ng	99
15) Benzyl Alcohol	7.99	79	544912	41.313	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	720557	38.669	ng	94
17) 2-Methylphenol	8.19	107	509993	40.487	ng	99
18) Hexachloroethane	8.82	117	287982	39.848	ng	93
19) n-Nitroso-di-n-propylamine	8.56	70	462142	38.886	ng	93
20) 3+4-Methylphenols	8.52	107	704641	40.522	ng	98
22) Acetophenone	8.57	105	987142	38.420	ng	# 97
24) Nitrobenzene	8.96	77	683138	38.752	ng	96
25) Isophorone	9.47	82	1079744	39.798	ng	97
26) 2-Nitrophenol	9.66	139	384409	45.097	ng	95
27) 2,4-Dimethylphenol	9.72	122	512104	40.082	ng	98
28) bis(2-Chloroethoxy)methane	9.96	93	732066	39.060	ng	99
29) 2,4-Dichlorophenol	10.19	162	625045	41.084	ng	98
30) 1,2,4-Trichlorobenzene	10.40	180	743370	39.366	ng	99
31) Naphthalene	10.59	128	1940951	38.803	ng	100
32) Benzoic acid	9.85	122	319107	38.572	ng	97
33) 4-Chloroaniline	10.71	127	841154	42.699	ng	98
34) Hexachlorobutadiene	10.86	225	481094	40.327	ng	99
35) Caprolactam	11.52	113	196859	38.059	ng	# 87
36) 4-Chloro-3-methylphenol	11.83	107	634872	39.776	ng	98
37) 2-Methylnaphthalene	12.20	142	1356747	38.390	ng	99
38) 1-Methylnaphthalene	12.43	142	1312822	38.392	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	806348	40.764	ng	99

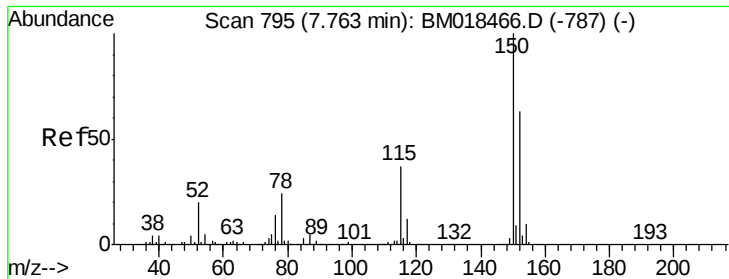
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.54	237	459067	42.286	nq	100
43) 2,4,6-Trichlorophenol	12.82	196	513248	42.728	nq	99
44) 2,4,5-Trichlorophenol	12.89	196	532996	42.190	nq	98
46) 1,1'-Biphenyl	13.22	154	1944451	39.369	nq	98
47) 2-Chloronaphthalene	13.27	162	1503278	39.250	nq	99
48) 2-Nitroaniline	13.49	65	378222	40.139	nq	90
49) Acenaphthylene	14.12	152	2197029	39.363	nq	99
50) Dimethylphthalate	13.86	163	1793255	38.601	nq	99
51) 2,6-Dinitrotoluene	13.99	165	394920	40.133	nq	89
52) Acenaphthene	14.46	154	1327606	38.874	nq	98
53) 3-Nitroaniline	14.32	138	409483	41.276	nq	97
54) 2,4-Dinitrophenol	14.52	184	173468	36.834	nq	92
55) Dibenzofuran	14.79	168	2146116	38.033	nq	99
56) 4-Nitrophenol	14.63	139	320539	37.400	nq	97
57) 2,4-Dinitrotoluene	14.77	165	534160	38.365	nq	100
58) Fluorene	15.44	166	1608654	38.270	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.02	232	459660	41.049	nq	97
60) Diethylphthalate	15.22	149	1821409	38.838	nq	100
61) 4-Chlorophenyl-phenylether	15.44	204	936013	38.636	nq	99
62) 4-Nitroaniline	15.49	138	387747	35.833	nq	99
63) Azobenzene	15.73	77	1471908	38.495	nq	98
65) 4,6-Dinitro-2-methylphenol	15.53	198	305652	40.528	nq	88
66) n-Nitrosodiphenylamine	15.66	169	1522628	40.518	nq	99
67) 4-Bromophenyl-phenylether	16.34	248	567279	41.844	nq	97
68) Hexachlorobenzene	16.44	284	607977	40.059	nq	99
69) Atrazine	16.62	200	558396	41.102	nq	99
70) Pentachlorophenol	16.79	266	423191	42.576	nq	99
71) Phenanthrene	17.19	178	2500253	38.801	nq	99
72) Anthracene	17.28	178	2487281	40.141	nq	100
73) Carbazole	17.56	167	2471444	38.822	nq	99
74) Di-n-butylphthalate	18.11	149	3057190	43.841	nq	99
75) Fluoranthene	19.21	202	2850388	38.367	nq	97
77) Benzidine	19.40	184	1314532	43.974	nq	99
78) Pyrene	19.57	202	2947299	41.070	nq	100
80) Butylbenzylphthalate	20.47	149	1367795	44.667	nq	94
81) Benzo(a)anthracene	21.32	228	2828909	39.663	nq	100
82) 3,3'-Dichlorobenzidine	21.26	252	1123929	41.672	nq	99
83) Chrysene	21.37	228	2707577	39.312	nq	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	1993566	45.084	nq	99
85) Di-n-octyl phthalate	22.13	149	3351138	45.059	nq	# 94
86) Indeno(1,2,3-cd)pyrene	25.92	276	3040401	38.283	nq	97
88) Benzo(b)fluoranthene	22.93	252	2640676	38.802	nq	98
89) Benzo(k)fluoranthene	22.97	252	2712786	39.553	nq	98
90) Benzo(a)pyrene	23.51	252	2576904	39.551	nq	97
91) Dibenzo(a,h)anthracene	25.94	278	2573805	38.987	nq	98
92) Benzo(g,h,i)perylene	26.64	276	2497686	38.879	nq	97

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

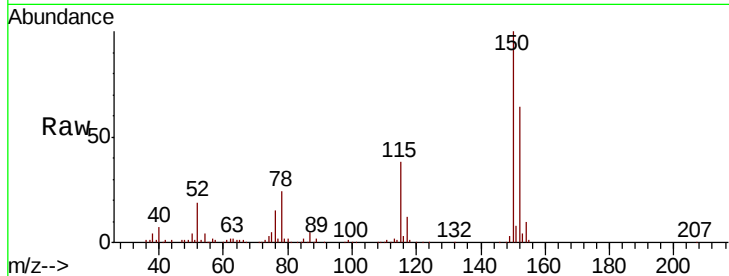


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.9	190.3
115	59.4	45.5	68.3

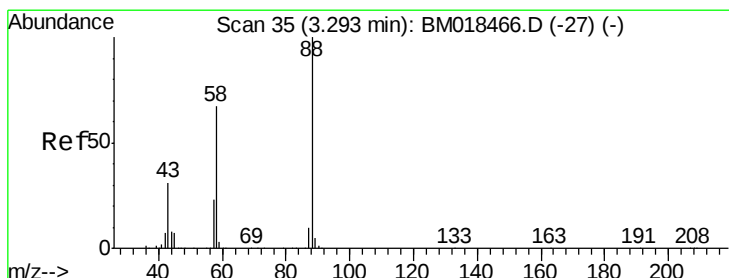
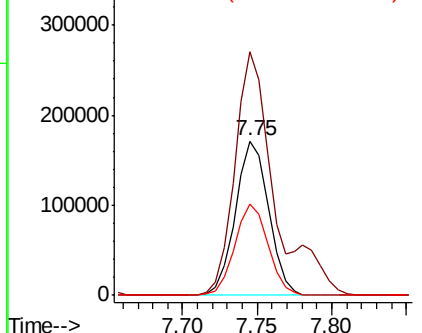
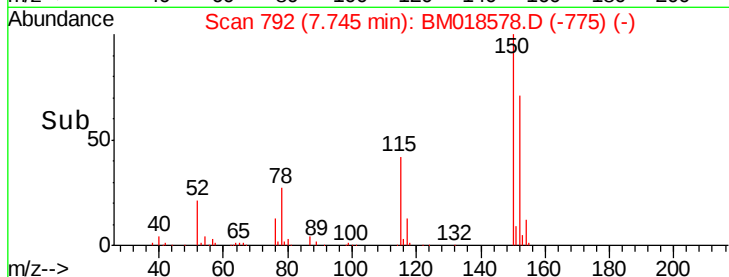


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

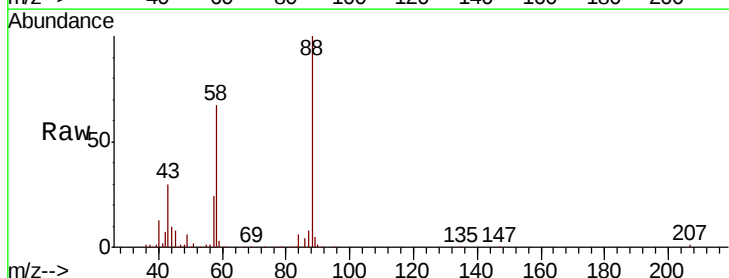
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.510 ng
RT: 3.28 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	58.4	87.6
43	30.4	26.2	39.4

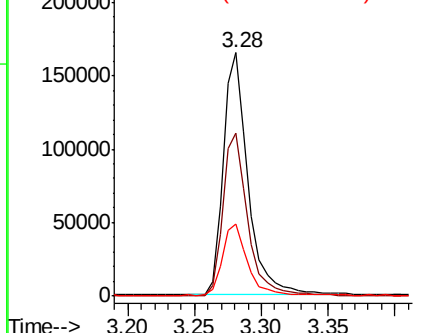
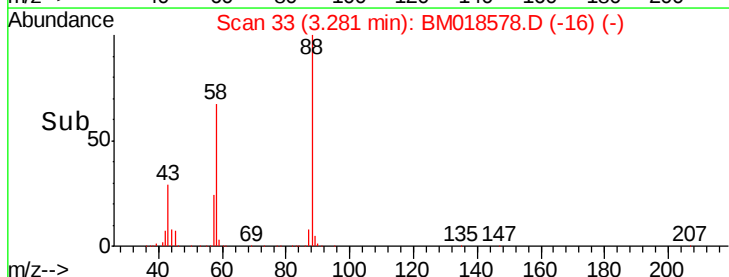


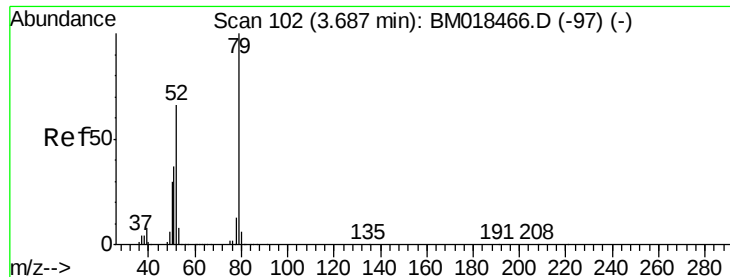
Abundance

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: 38.531 ng

RT: 3.67 min Scan# 100

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

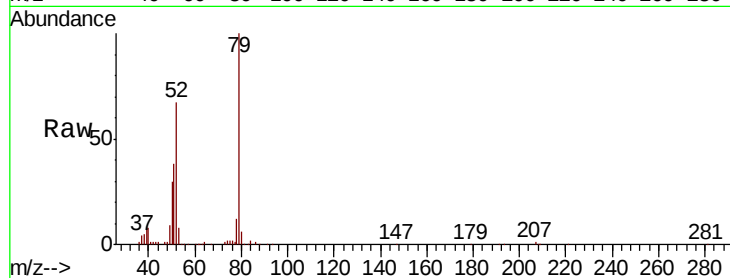
Tot Ion: 79 Resp: 562950

Ion Ratio Lower Upper

79 100

52 67.0 56.4 84.6

51 38.1 31.0 46.4

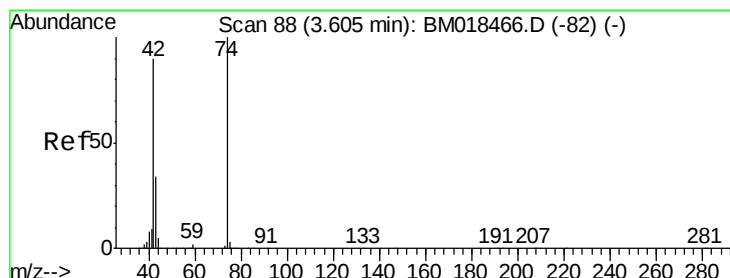
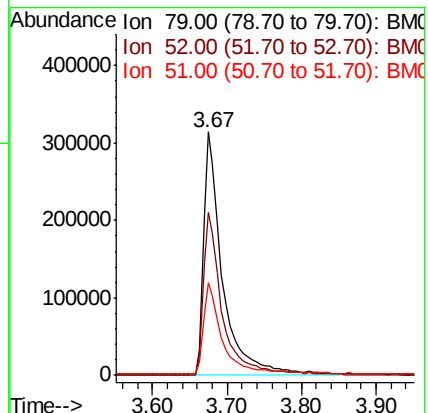
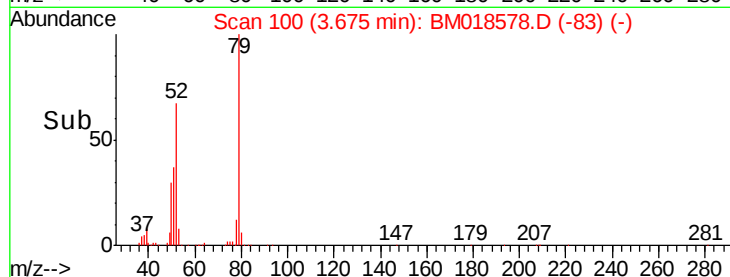


Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 38.474 ng

RT: 3.60 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

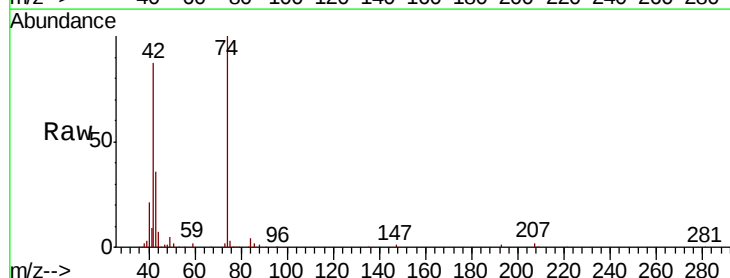
Tgt Ion: 42 Resp: 232441

Ion Ratio Lower Upper

42 100

74 115.1 88.6 132.8

44 7.5 16.9 25.3#

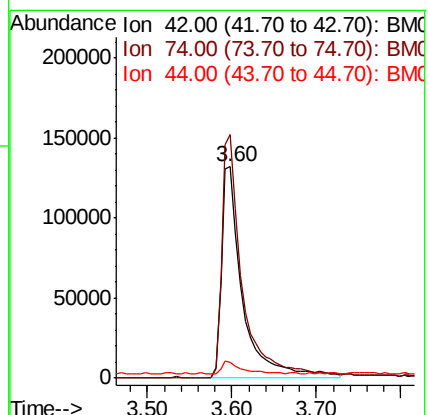
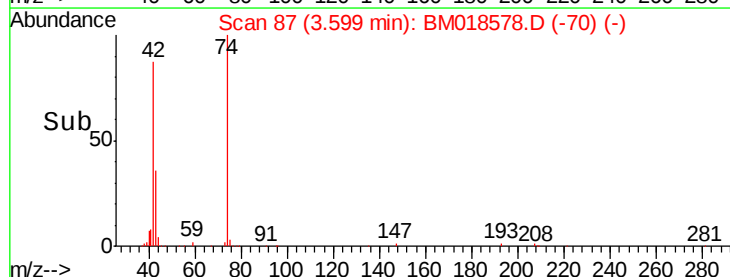


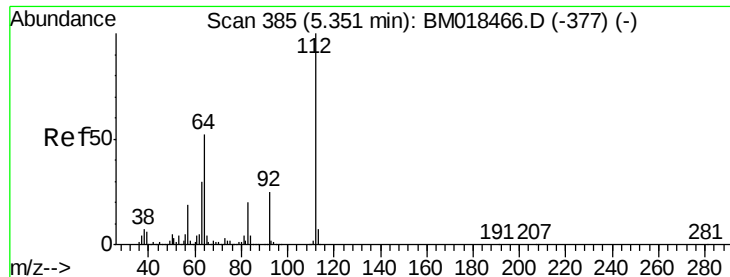
Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)

Time-->





#5

2-Fluorophenol

Concen: 79.187 ng

RT: 5.33 min Scan# 382

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

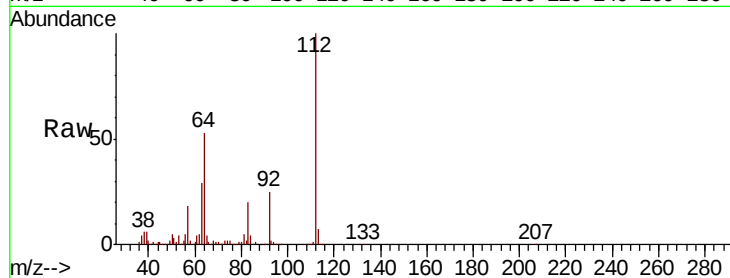
Tot Ion:112 Resp: 1138556

Ion Ratio Lower Upper

112 100

64 53.0 46.5 69.7

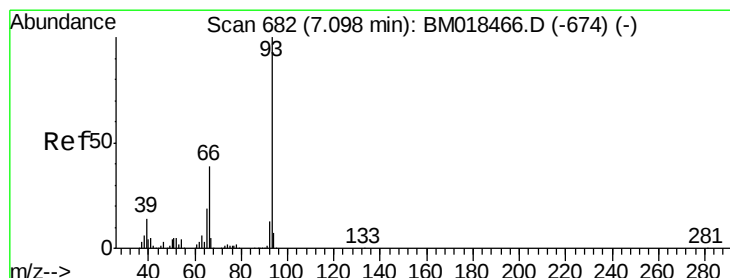
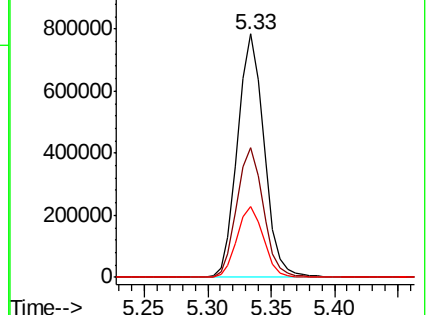
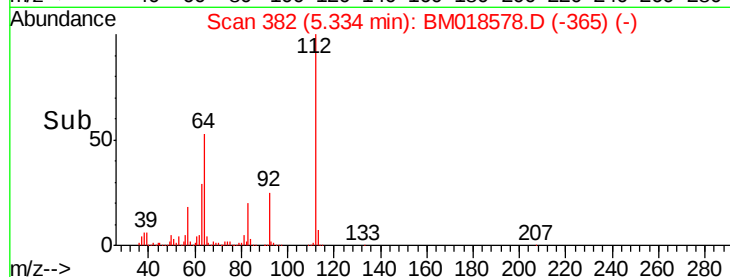
63 29.0 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 42.065 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

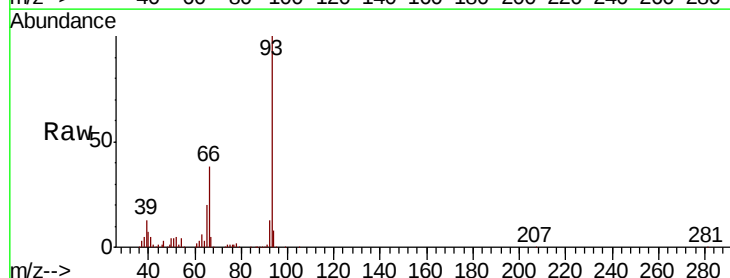
Tgt Ion: 93 Resp: 856906

Ion Ratio Lower Upper

93 100

66 38.3 31.7 47.5

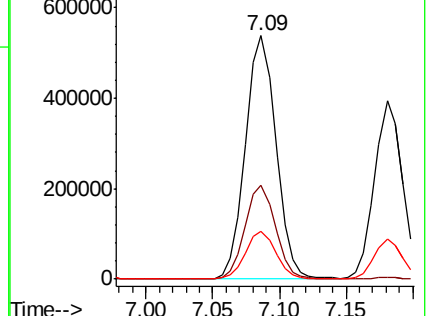
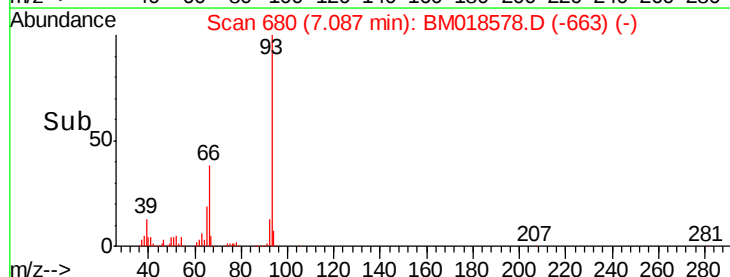
65 19.5 15.9 23.9

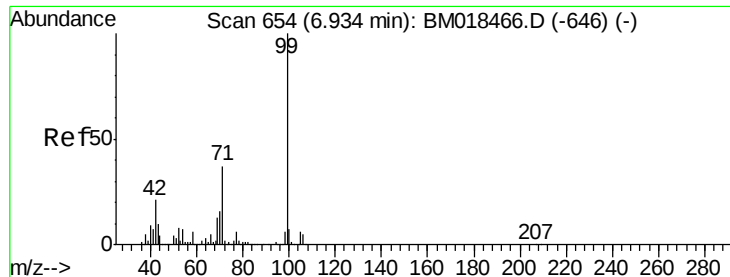


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 78.894 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

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SSTDCCC040

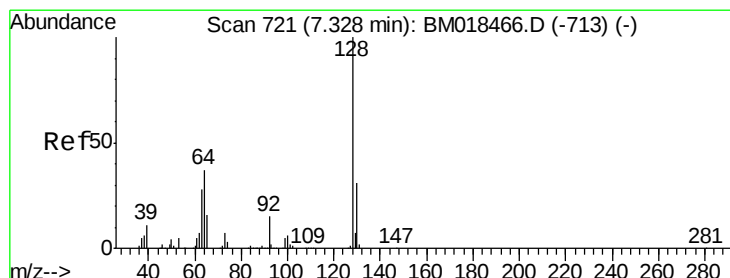
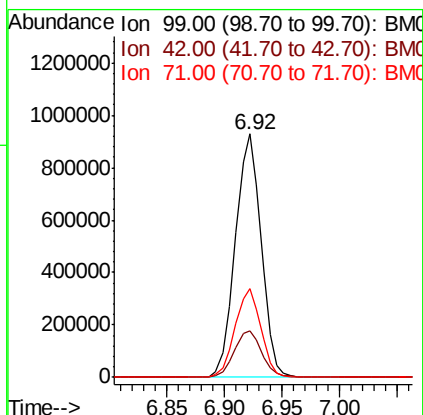
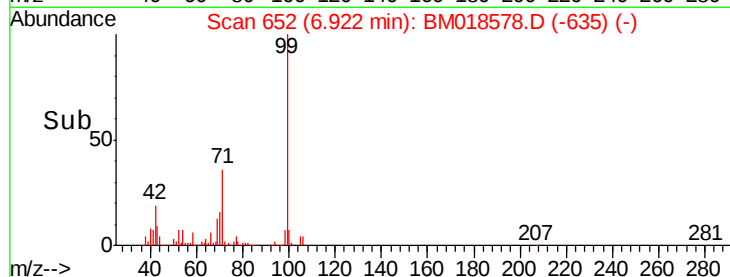
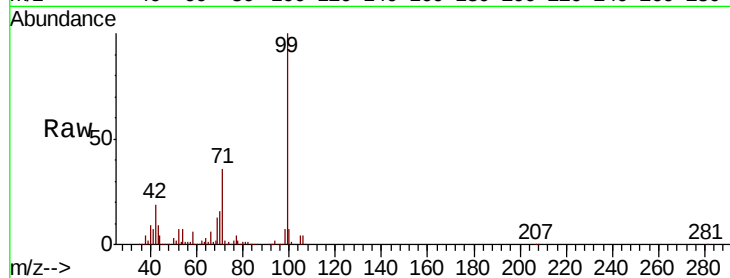
Tot Ion: 99 Resp: 1440761

Ion Ratio Lower Upper

99 100

42 19.3 17.3 25.9

71 36.2 28.0 42.0



#8

2-Chlorophenol

Concen: 40.011 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

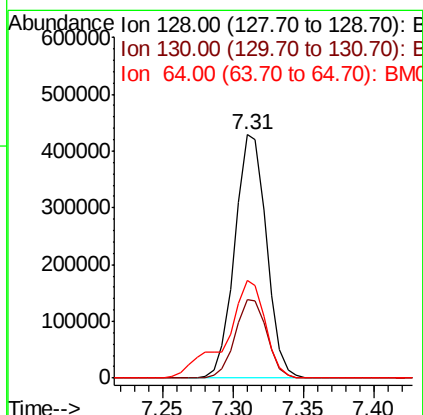
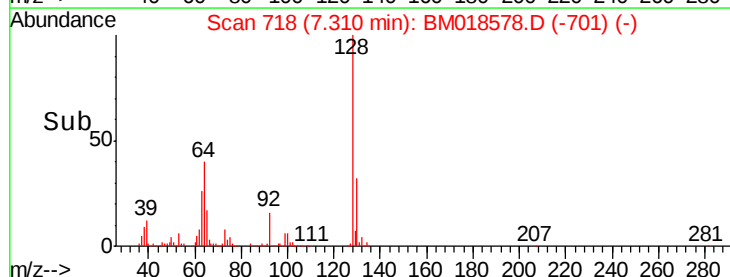
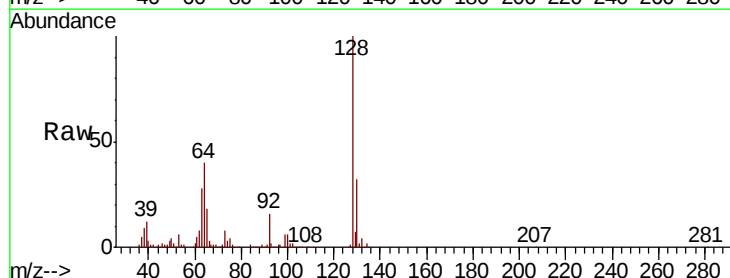
Tgt Ion: 128 Resp: 671877

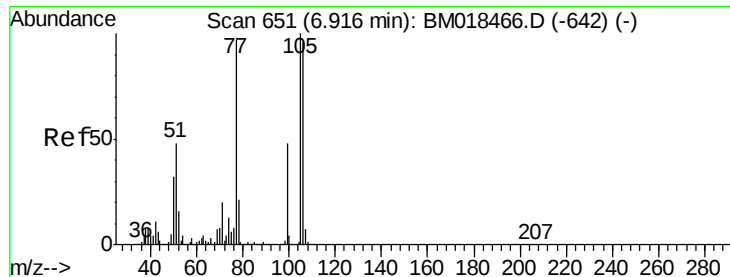
Ion Ratio Lower Upper

128 100

130 32.3 13.6 53.6

64 40.0 24.8 64.8





#9

Benzaldehyde

Concen: 35.218 ng

RT: 6.90 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

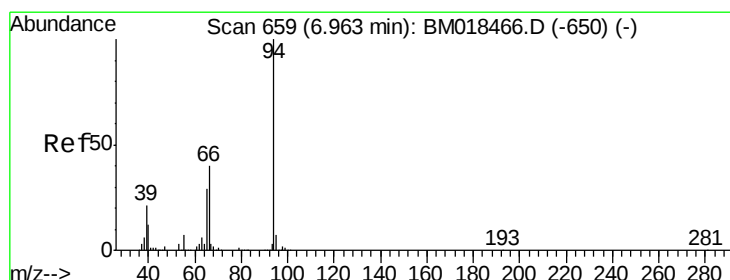
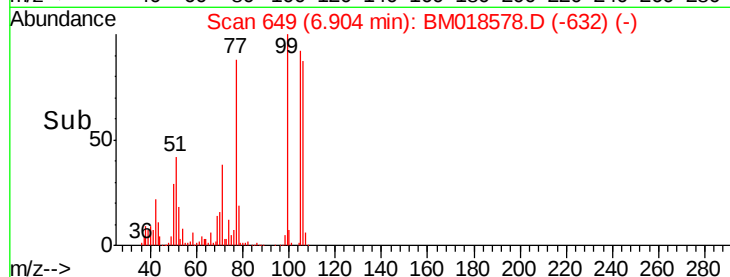
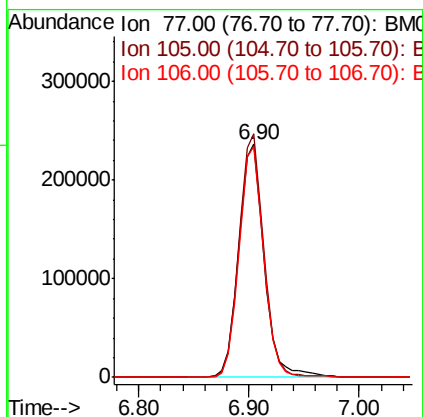
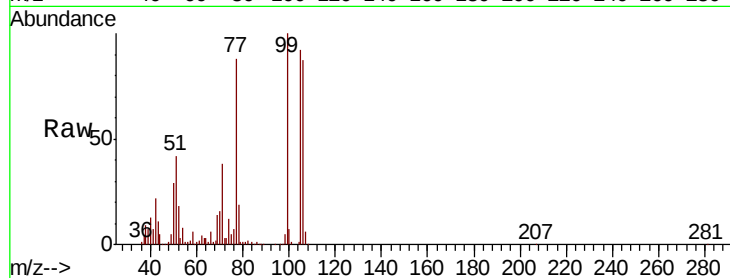
Tot Ion: 77 Resp: 382879

Ion Ratio Lower Upper

77 100

105 104.5 79.7 119.7

106 98.9 75.2 115.2



#10

Phenol

Concen: 38.839 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

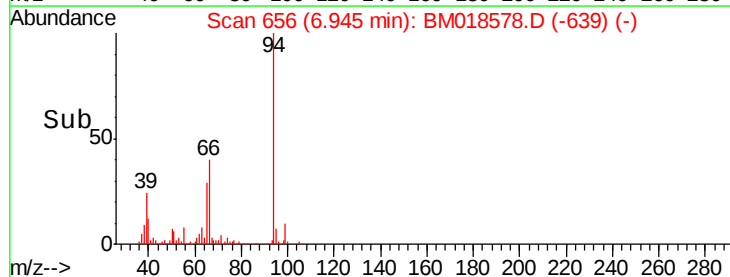
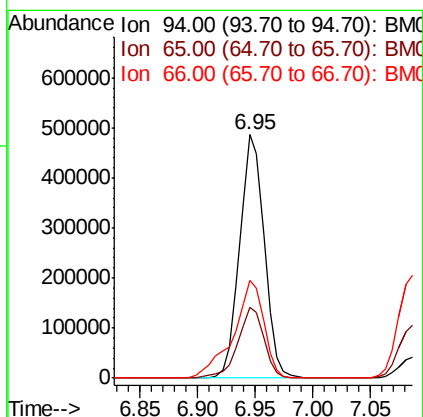
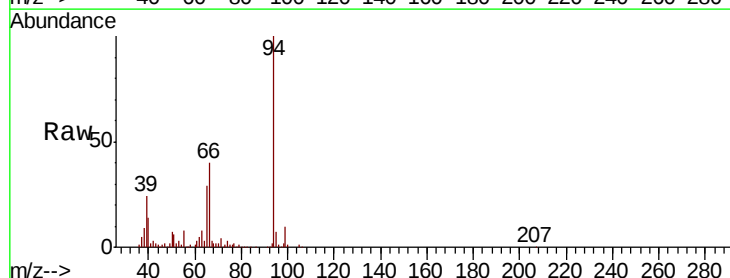
Tgt Ion: 94 Resp: 720735

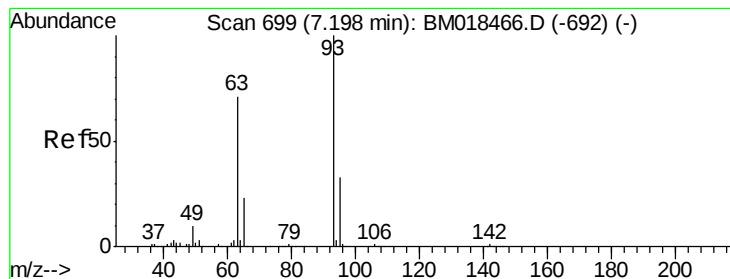
Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

66 40.4 19.1 59.1





#11

bis(2-Chloroethyl)ether

Concen: 38.994 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

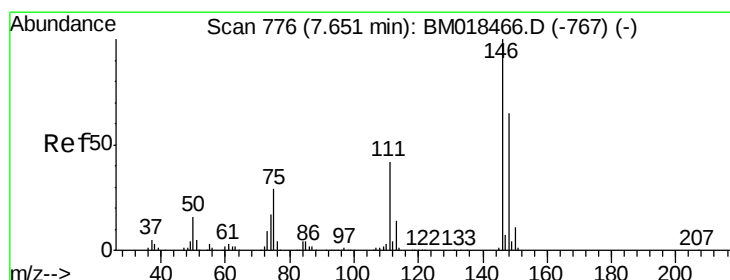
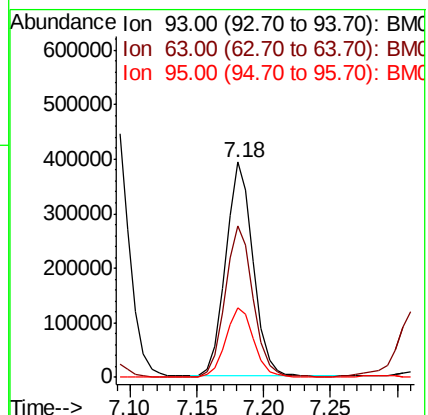
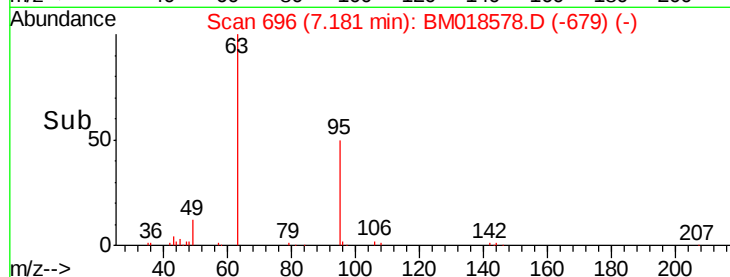
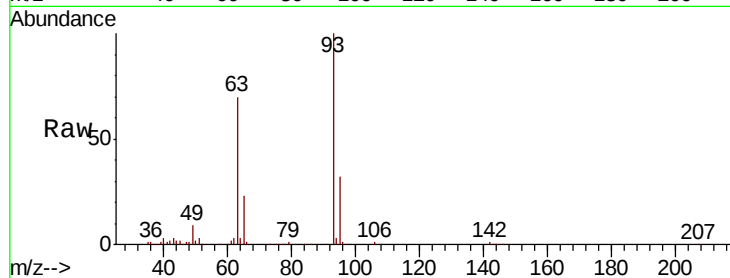
Tot Ion: 93 Resp: 568575

Ion Ratio Lower Upper

93 100

63 70.4 56.4 96.4

95 32.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.531 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

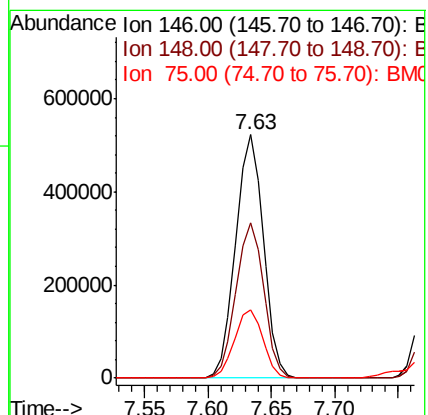
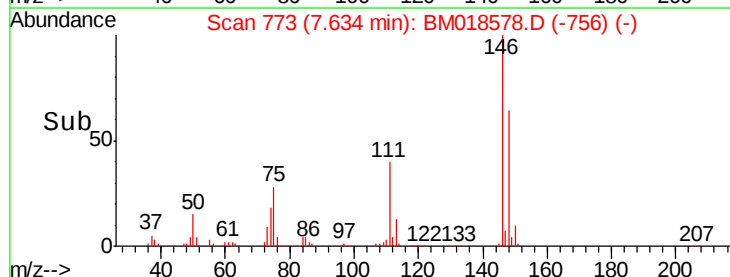
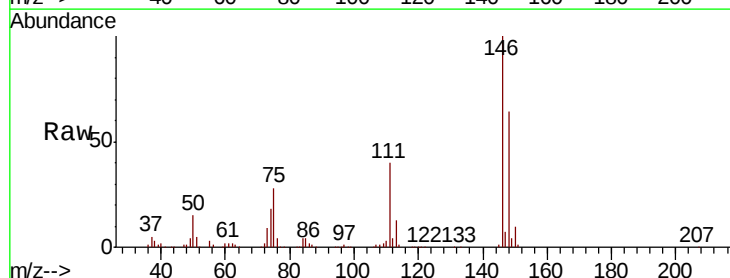
Tgt Ion: 146 Resp: 790557

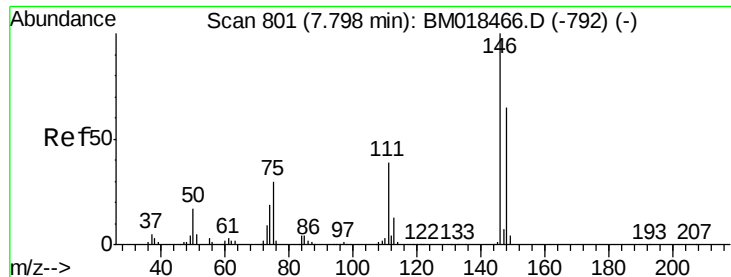
Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

75 28.1 23.0 34.6

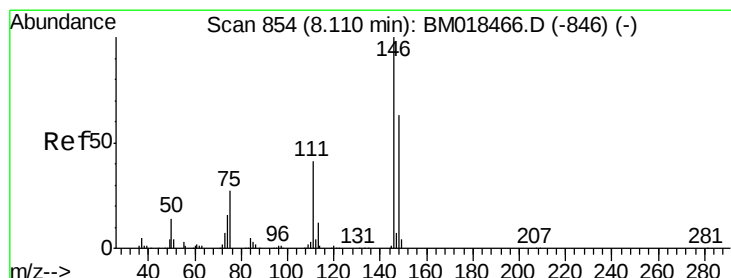
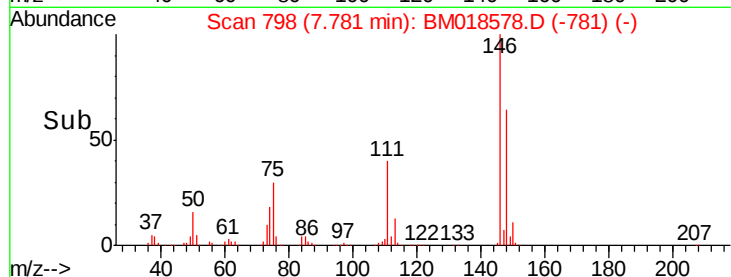
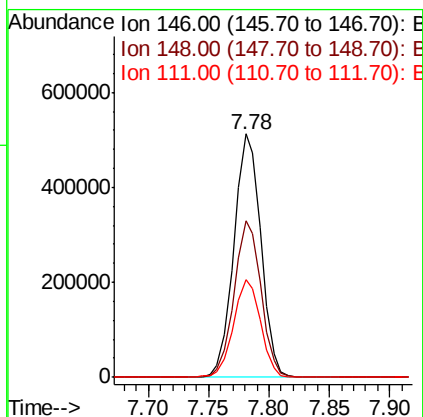
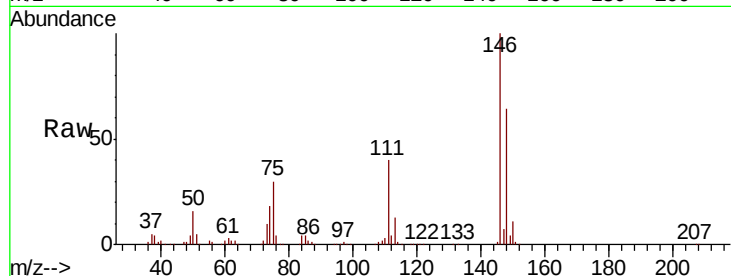




#13
 1,4-Dichlorobenzene
 Concen: 39.467 ng
 RT: 7.78 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

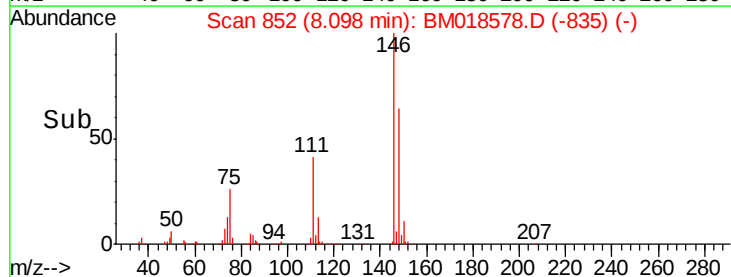
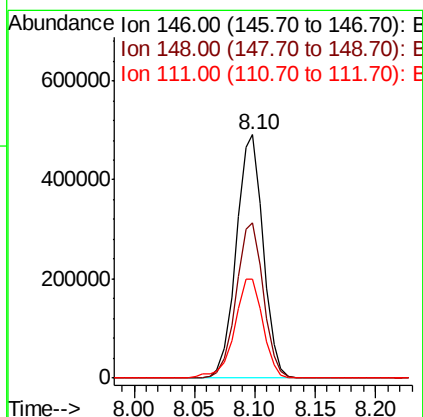
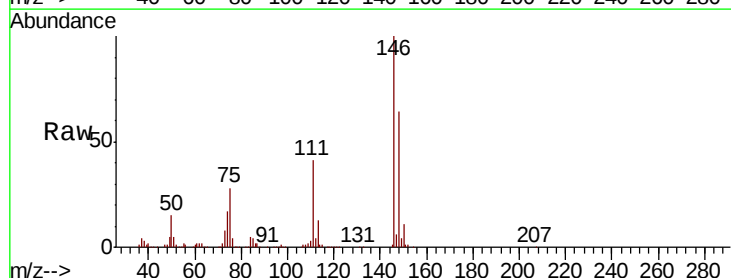
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 799976
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 39.9 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 39.585 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

Tgt Ion:146 Resp: 760811
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 40.5 33.8 50.6





#15

Benzyl Alcohol

Concen: 41.313 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

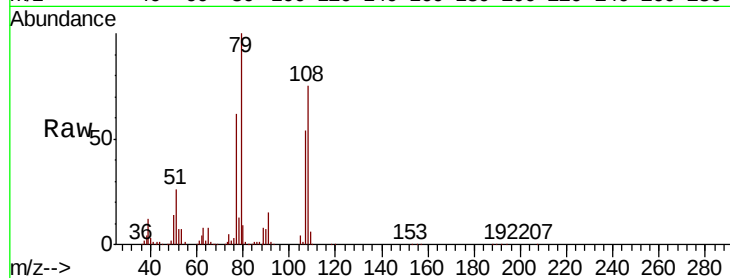
Tot Ion: 79 Resp: 544912

Ion Ratio Lower Upper

79 100

108 75.1 60.4 90.6

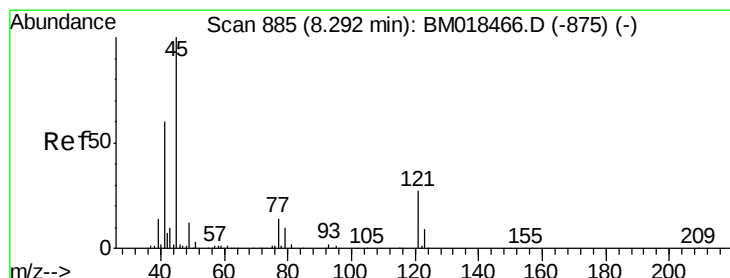
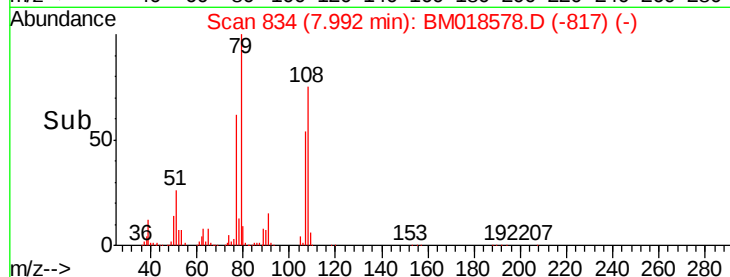
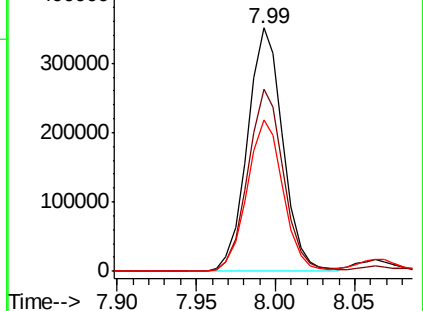
77 62.3 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018578.D (-817) (-)

Ion 108.00 (107.70 to 108.70): BM018578.D (-817) (-)

Ion 77.00 (76.70 to 77.70): BM018578.D (-817) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.669 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

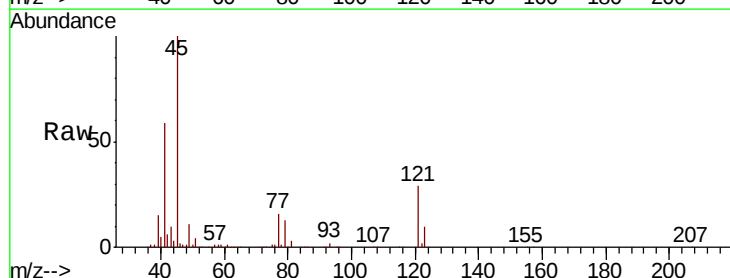
Tgt Ion: 45 Resp: 720557

Ion Ratio Lower Upper

45 100

77 16.2 0.0 33.4

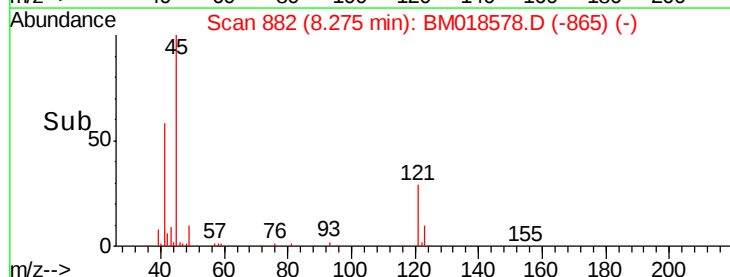
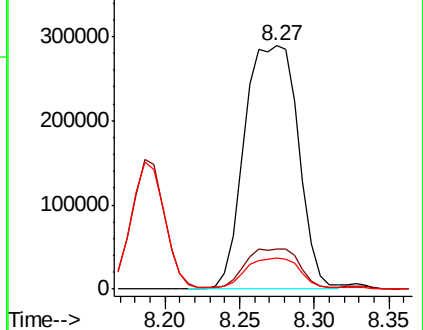
79 12.6 0.0 31.1

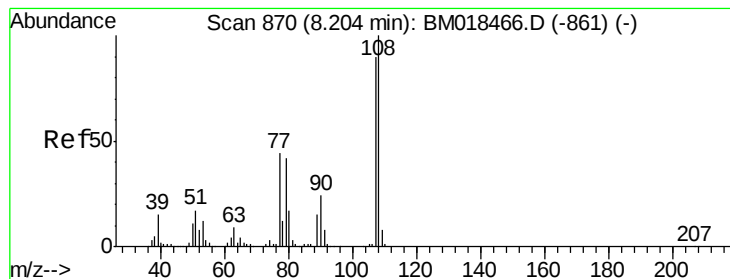


Abundance Ion 45.00 (44.70 to 45.70): BM018578.D (-865) (-)

Ion 77.00 (76.70 to 77.70): BM018578.D (-865) (-)

Ion 79.00 (78.70 to 79.70): BM018578.D (-865) (-)





#17

2-Methylphenol

Concen: 40.487 ng

RT: 8.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 509993

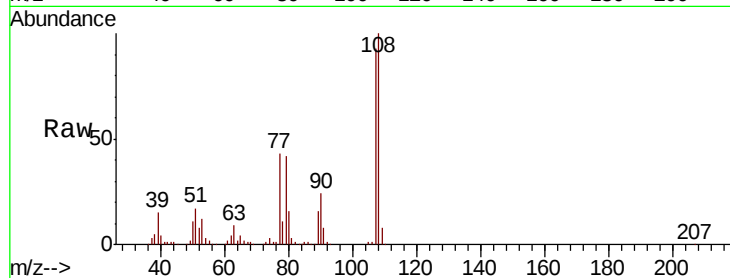
Ion Ratio Lower Upper

107 100

108 107.5 87.5 131.3

77 46.4 37.3 55.9

79 45.3 36.4 54.6



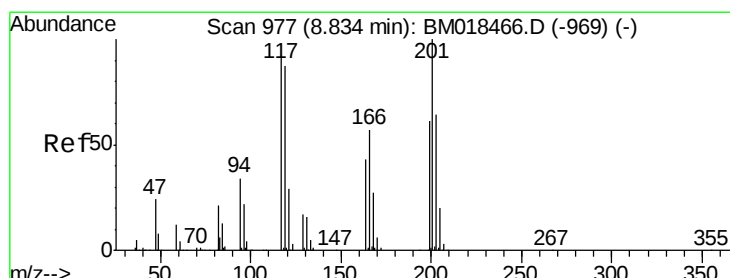
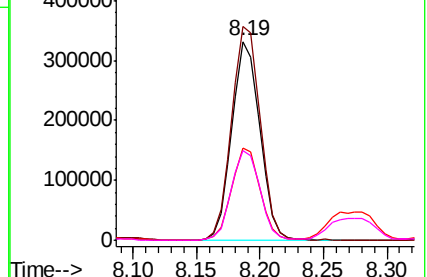
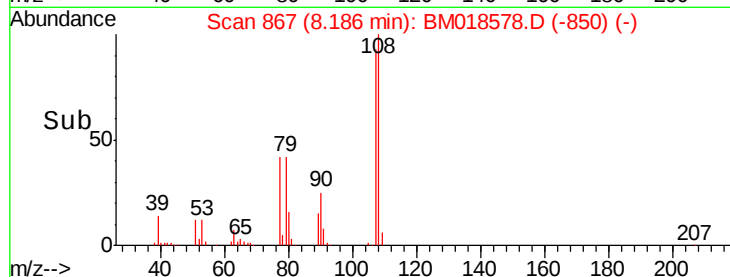
Abundance

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: 39.848 ng

RT: 8.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

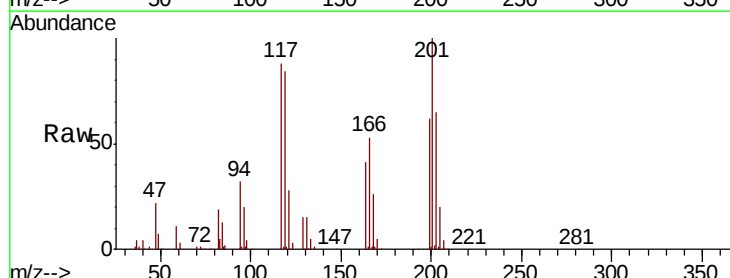
Tgt Ion:117 Resp: 287982

Ion Ratio Lower Upper

117 100

119 95.4 78.3 117.5

201 113.6 81.4 122.0

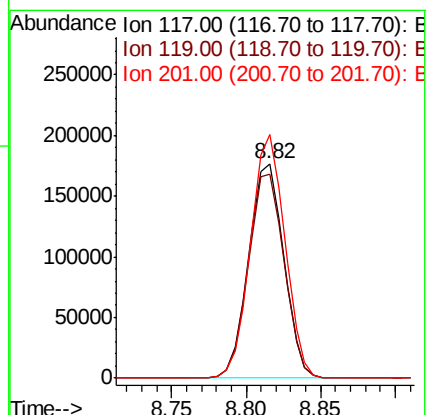
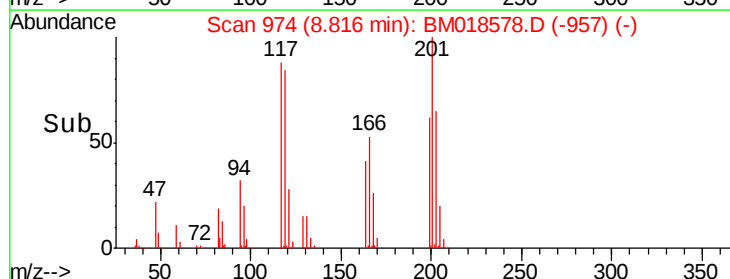


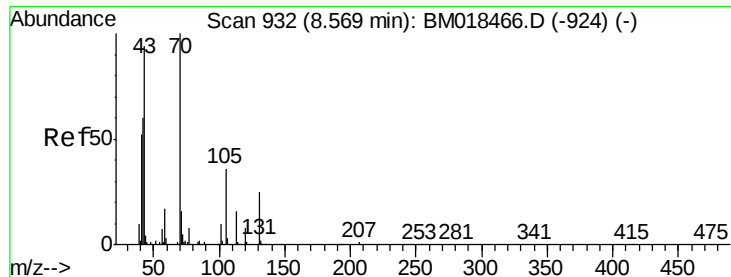
Abundance

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

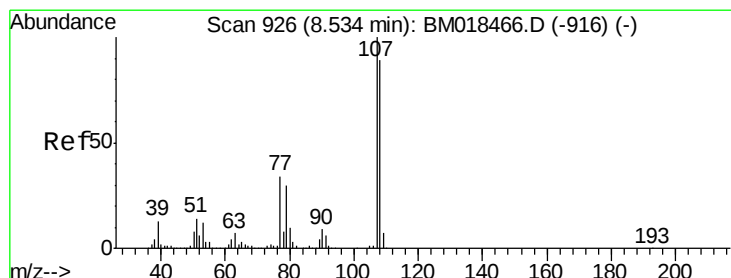
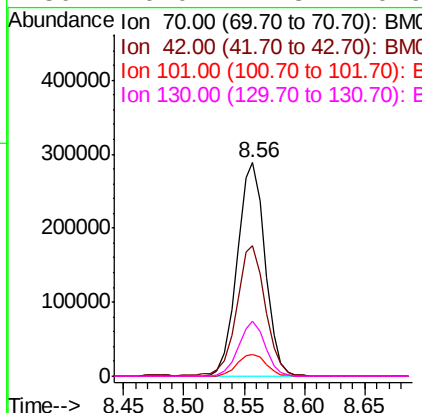
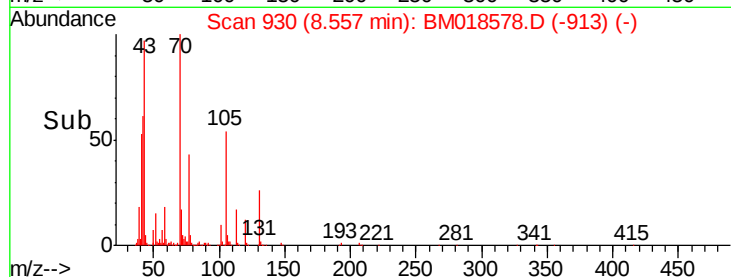
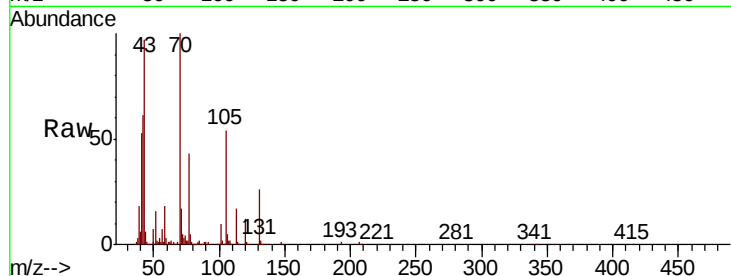




#19
n-Nitroso-di-n-propylamine
Concen: 38.886 ng
RT: 8.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

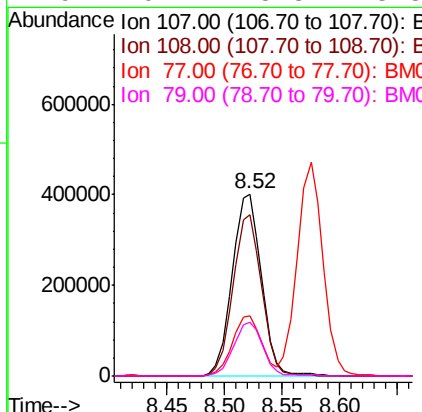
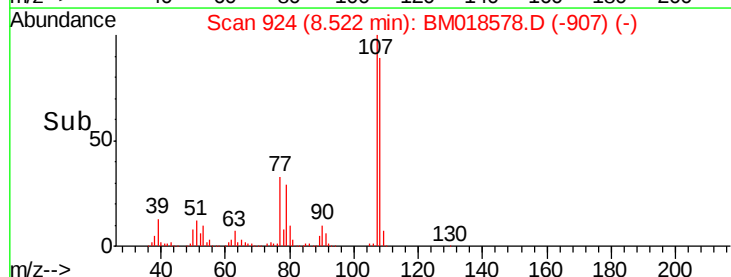
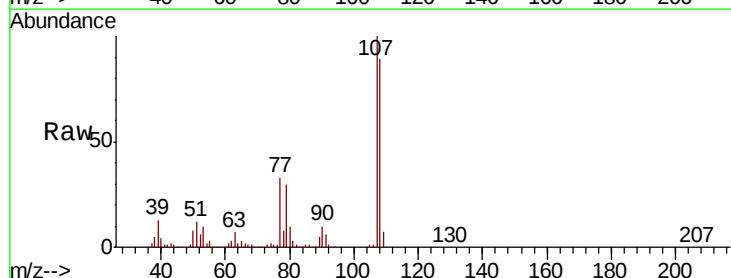
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

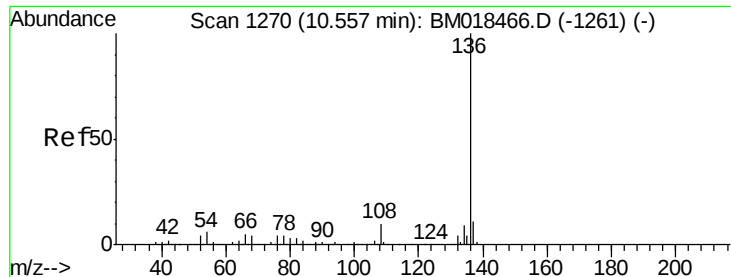
Tot Ion: 70 Resp: 462142
Ion Ratio Lower Upper
70 100
42 61.2 54.0 81.0
101 10.2 8.1 12.1
130 26.0 17.8 26.6



#20
3+4-Methylphenols
Concen: 40.522 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion: 107 Resp: 704641
Ion Ratio Lower Upper
107 100
108 88.7 66.8 106.8
77 33.0 13.3 53.3
79 29.7 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1038631

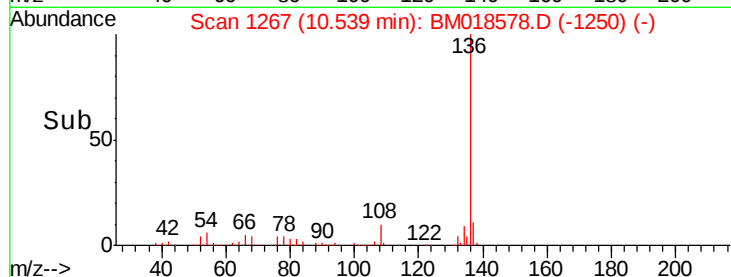
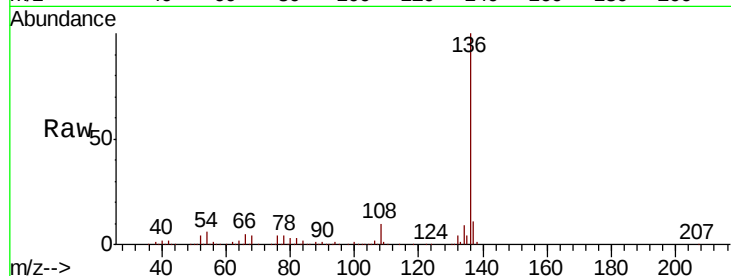
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.1 6.0 9.0

68 4.3 4.5 6.7#

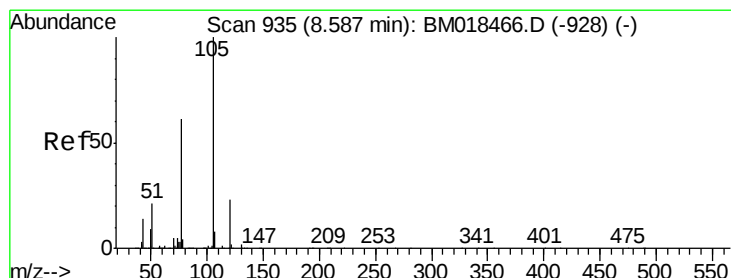
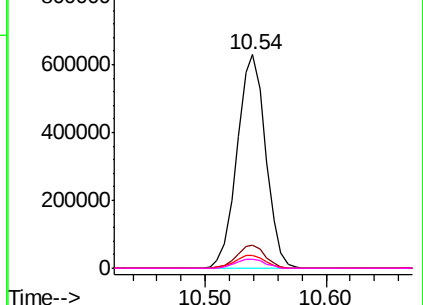


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.420 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Tgt Ion:105 Resp: 987142

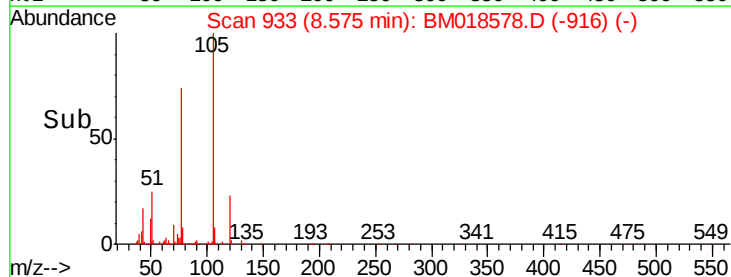
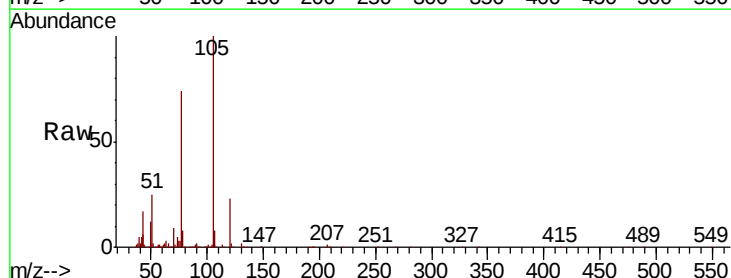
Ion Ratio Lower Upper

105 100

71 1.3 1.7 2.5#

51 25.3 22.6 34.0

120 22.9 18.3 27.5

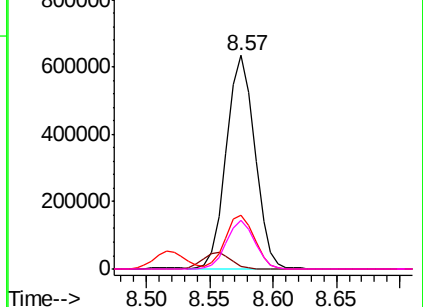


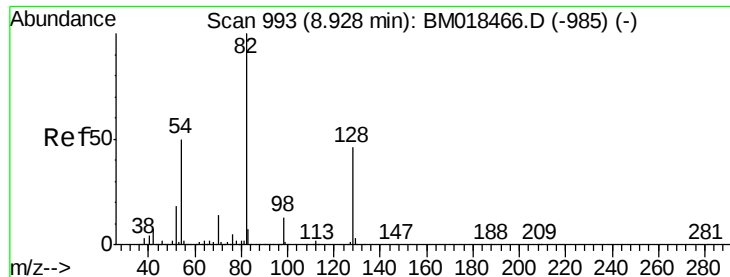
Abundance Ion 105.00 (104.70 to 105.70): E

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

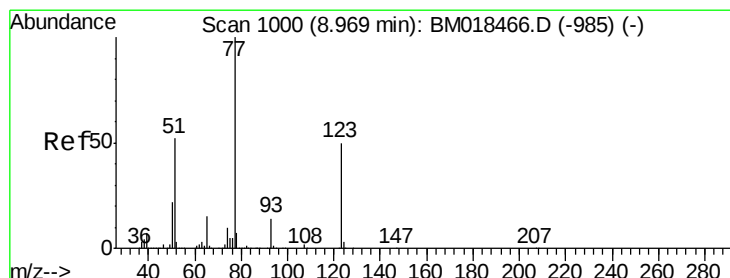
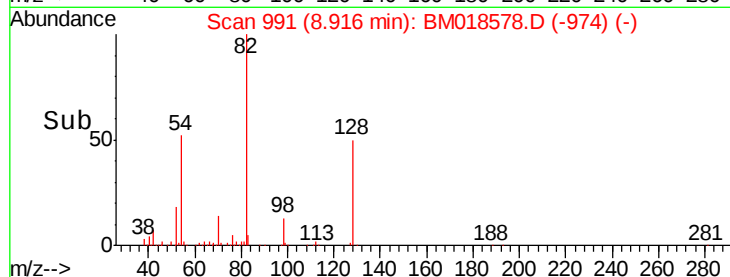
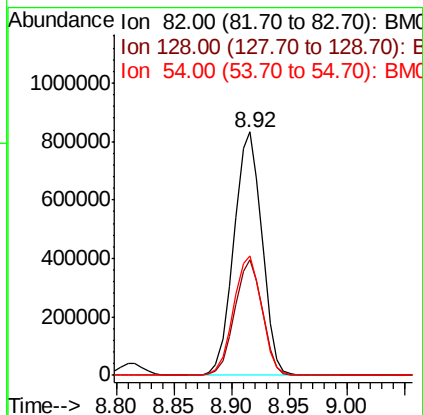
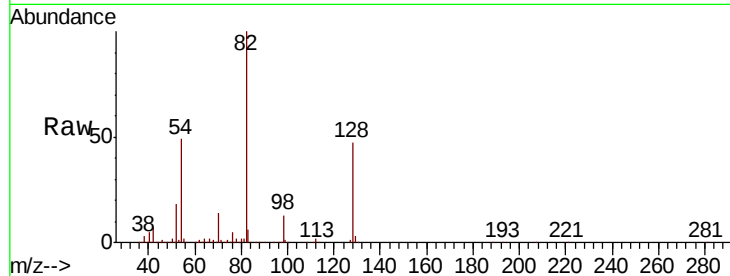




#23
 Nitrobenzene-d5
 Concen: 78.226 ng
 RT: 8.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

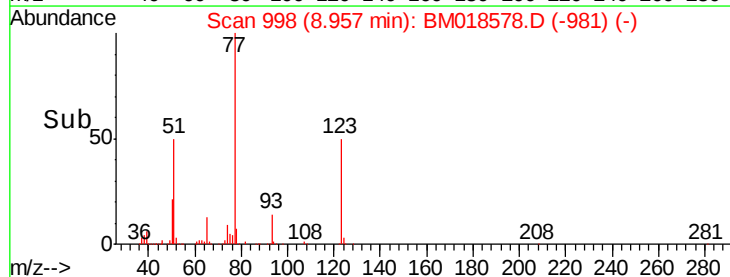
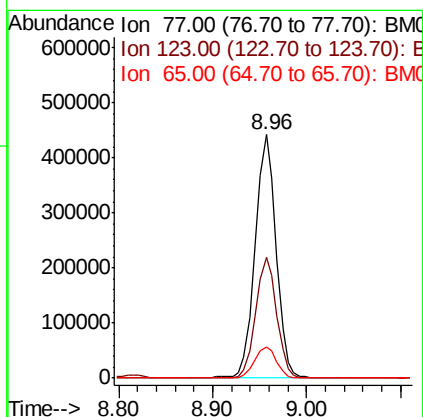
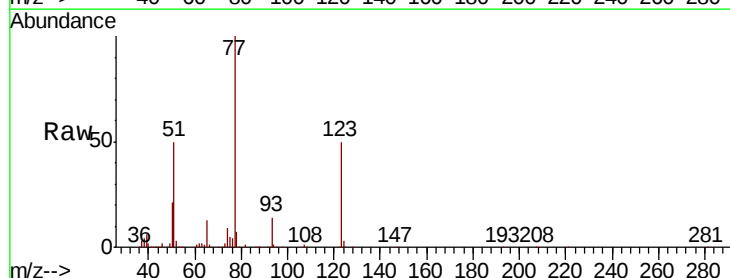
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

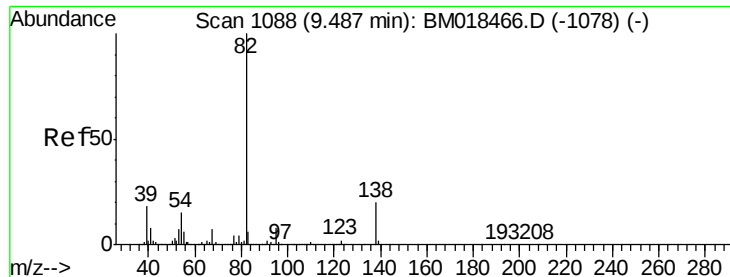
Tot Ion: 82 Resp: 1401521
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.3 54.5
 54 49.2 41.7 62.5



#24
 Nitrobenzene
 Concen: 38.752 ng
 RT: 8.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

Tgt Ion: 77 Resp: 683138
 Ion Ratio Lower Upper
 77 100
 123 49.8 37.7 56.5
 65 13.0 11.0 16.6





#25

Isophorone

Concen: 39.798 ng

RT: 9.47 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

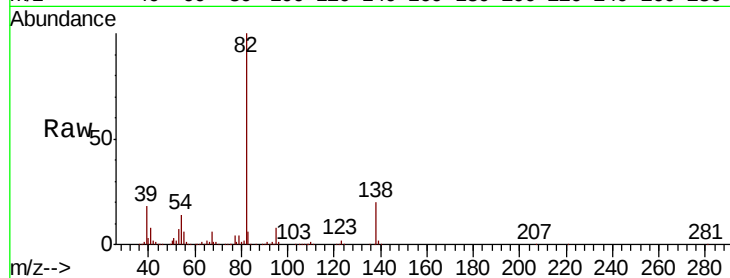
Tot Ion: 82 Resp: 1079744

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 20.4 15.1 22.7

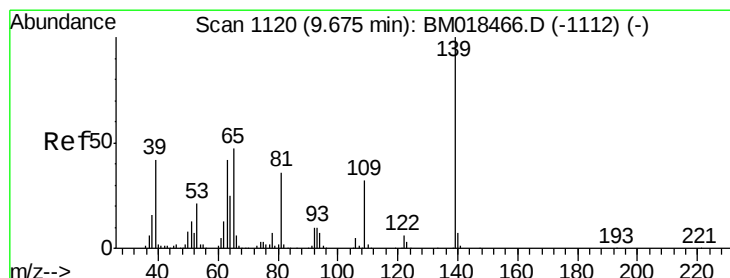
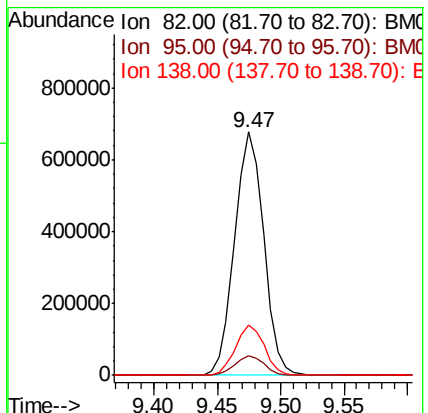
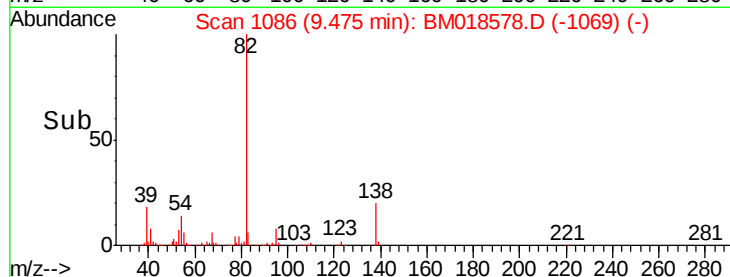


Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

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

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

Time-->



#26

2-Nitrophenol

Concen: 45.097 ng

RT: 9.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

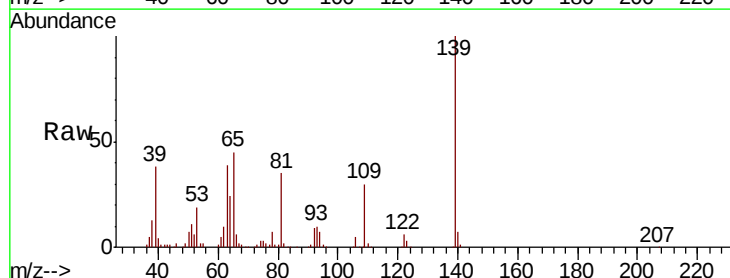
Tgt Ion: 139 Resp: 384409

Ion Ratio Lower Upper

139 100

109 30.1 23.4 35.2

65 44.9 39.4 59.2

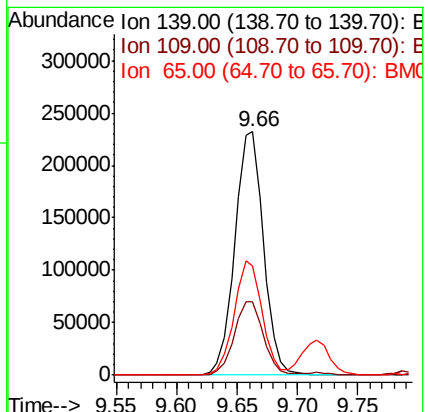
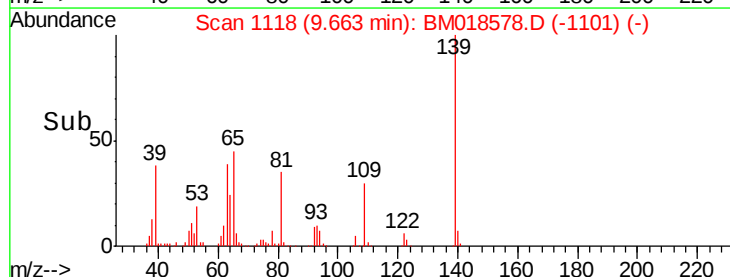


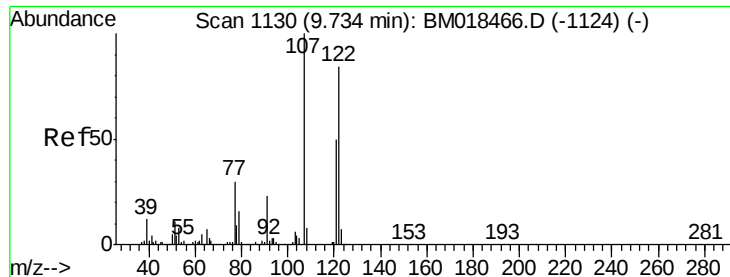
Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

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

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

Time-->

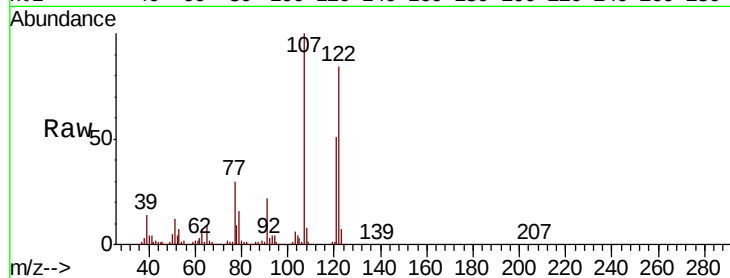




#27
2,4-Dimethylphenol
Concen: 40.082 ng
RT: 9.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	91.9	137.9
121	60.2	47.5	71.3

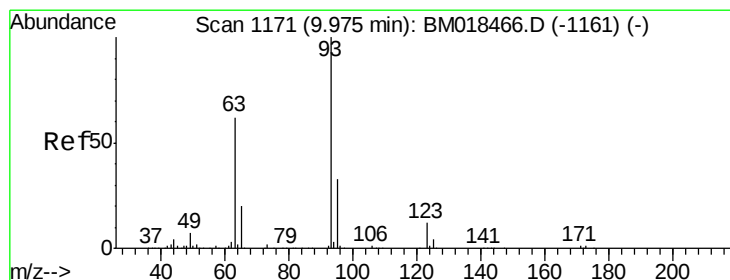
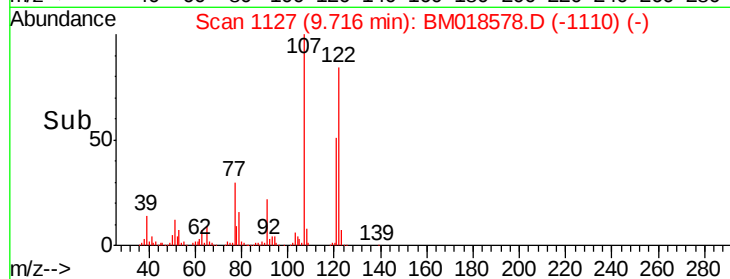
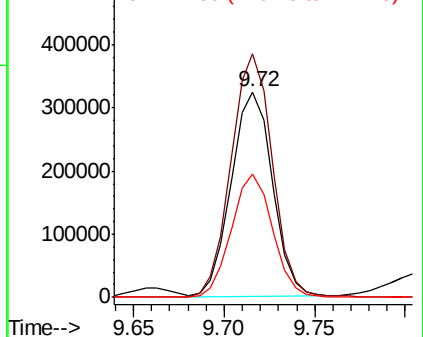


Abundance

Ion 122.00 (121.70 to 122.70): E

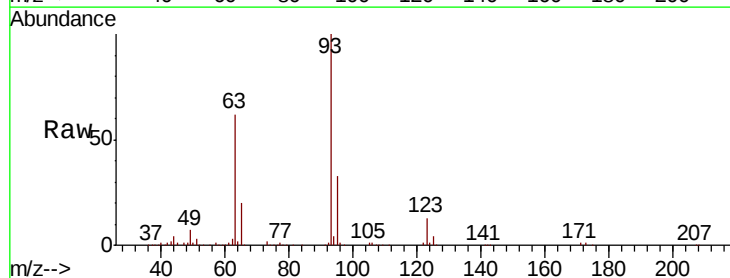
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.060 ng
RT: 9.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	39.8
123	12.9	9.9	14.9

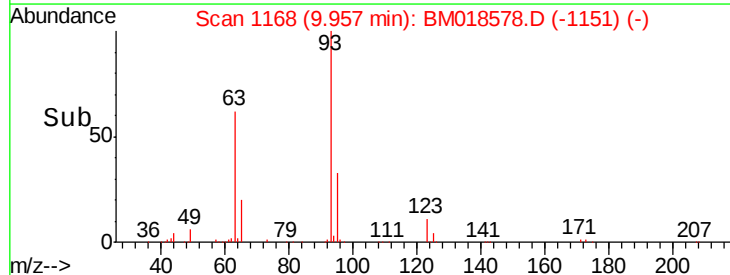
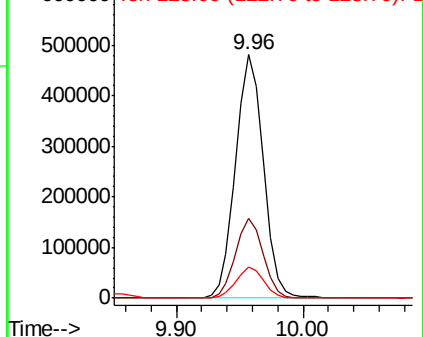


Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

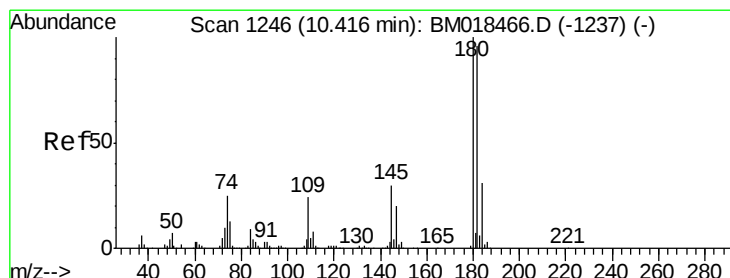
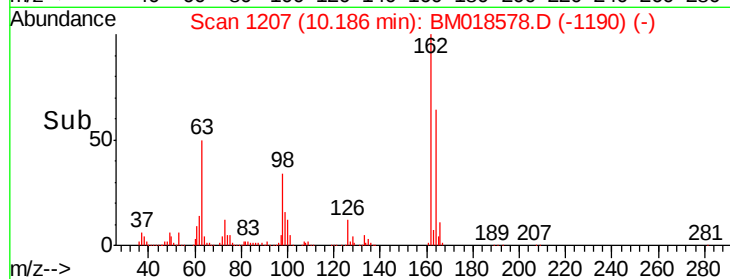
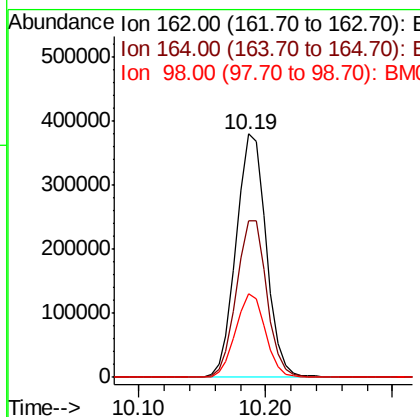
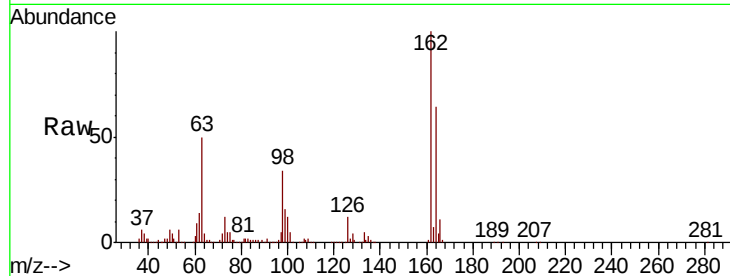




#29
 2,4-Dichlorophenol
 Concen: 41.084 ng
 RT: 10.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

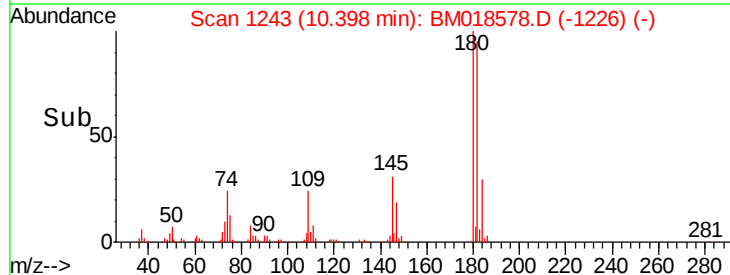
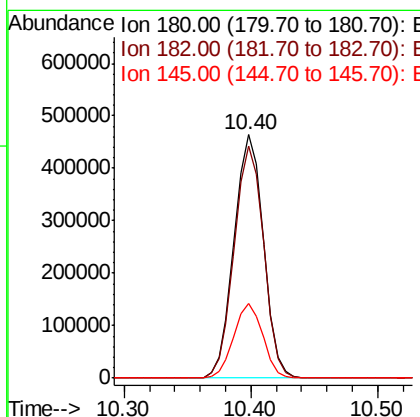
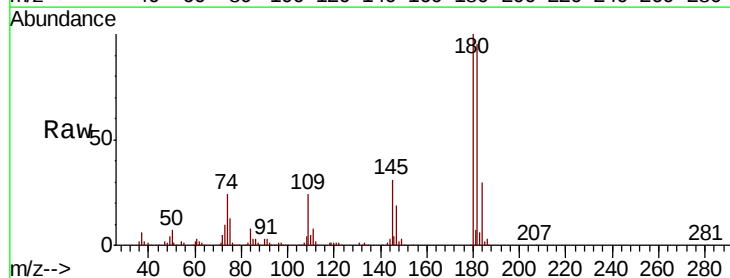
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

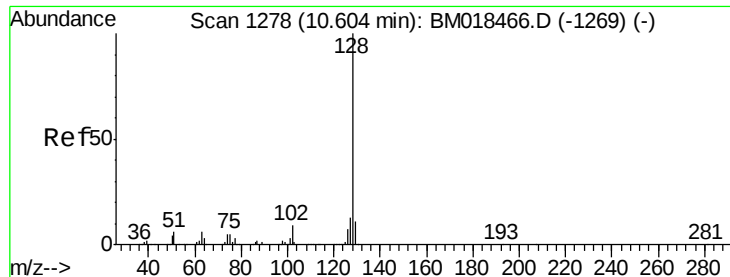
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.6	85.6
98	34.2	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 39.366 ng
 RT: 10.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.4	116.2
145	30.7	24.6	37.0

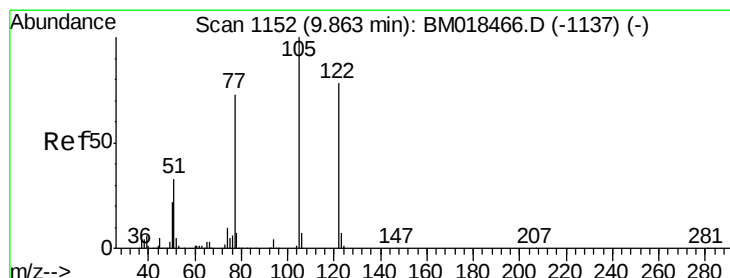
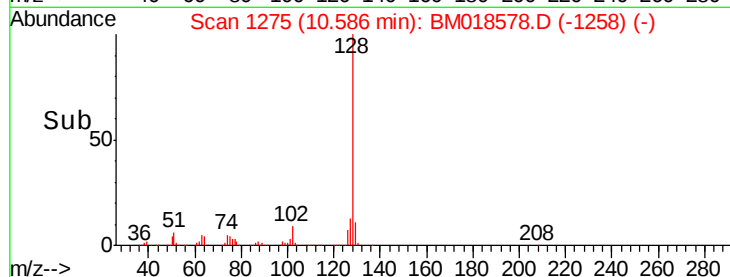
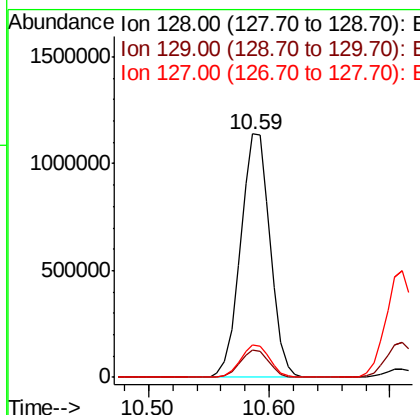
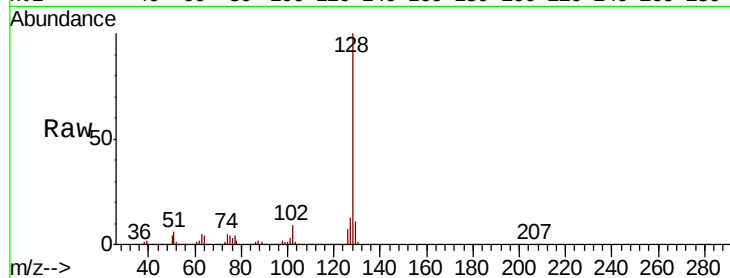




#31
Naphthalene
Concen: 38.803 ng
RT: 10.59 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

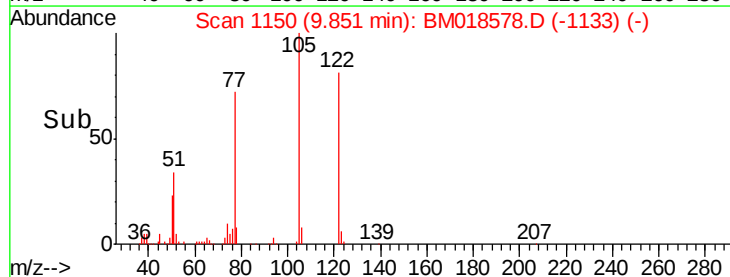
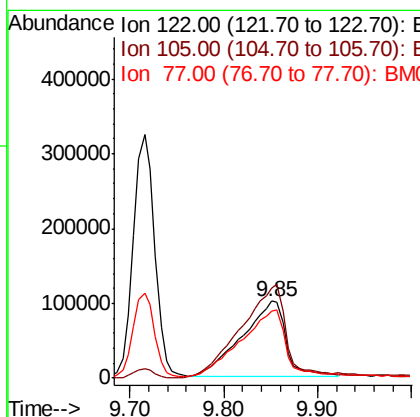
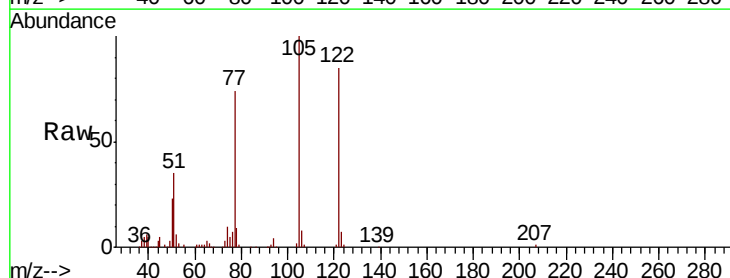
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

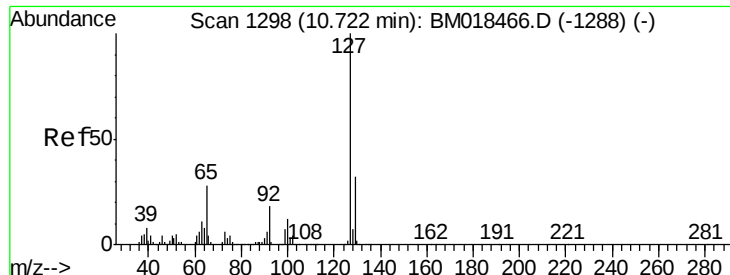
Tot Ion:128 Resp: 1940951
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 38.572 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:122 Resp: 319107
Ion Ratio Lower Upper
122 100
105 118.2 100.4 140.4
77 87.3 71.7 111.7

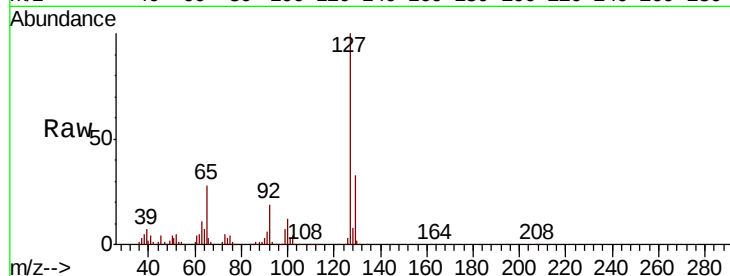




#33
4-Chloroaniline
Concen: 42.699 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	841154
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.6	23.4	35.2
92	18.7	14.5	21.7



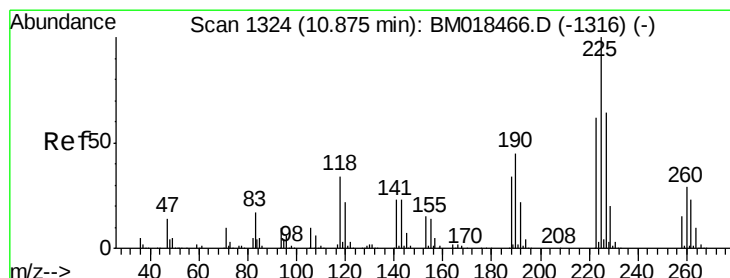
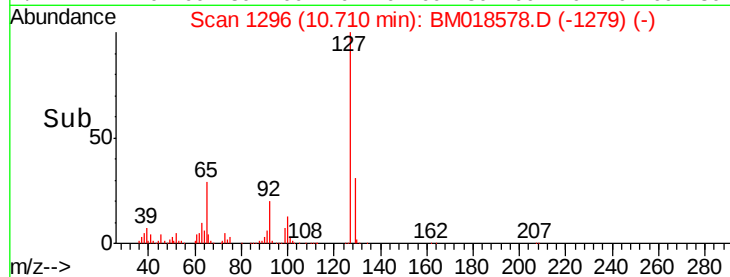
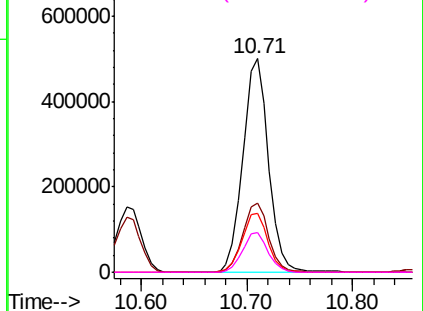
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

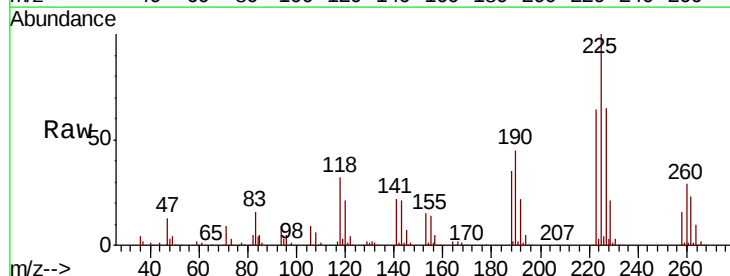
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 40.327 ng
RT: 10.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:	225	Resp:	481094
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.8	76.2
227	65.2	50.4	75.6

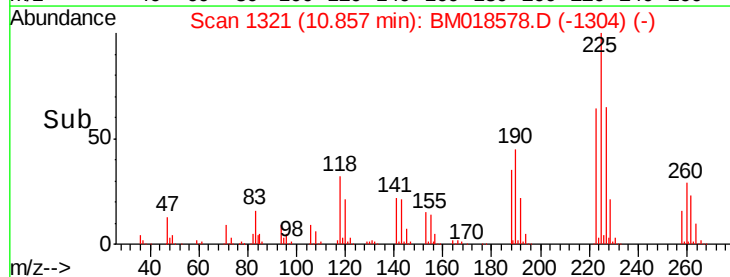
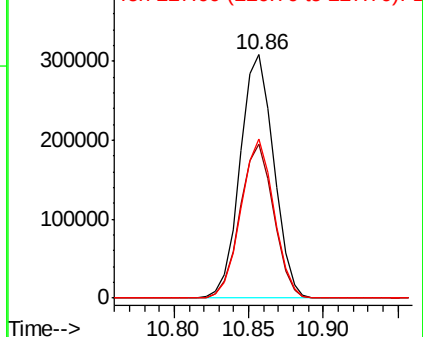


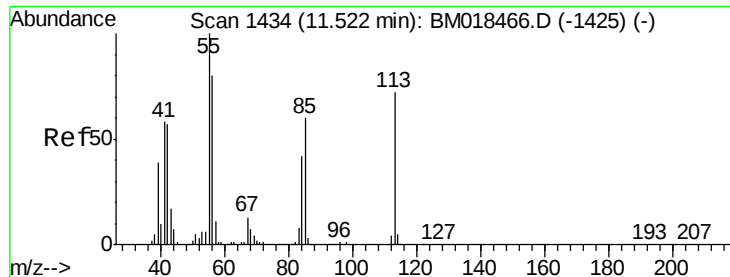
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

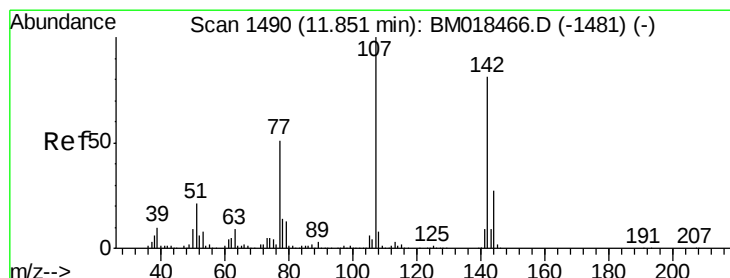
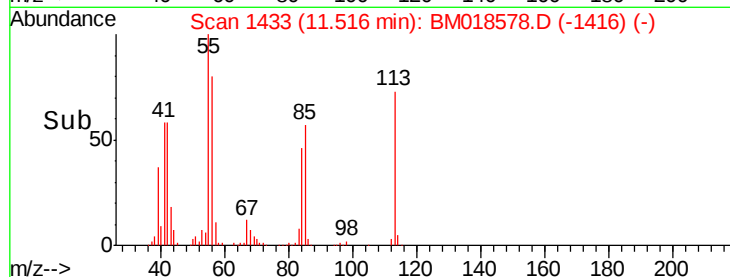
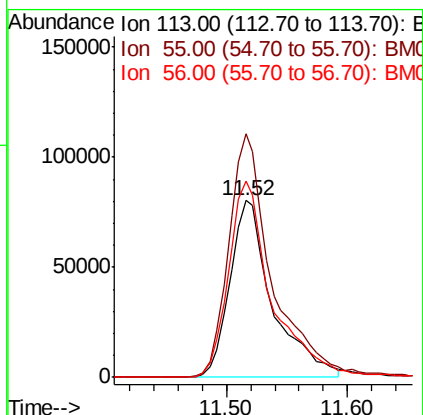
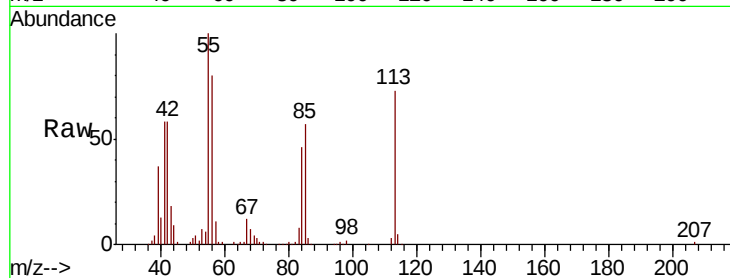




#35
Caprolactam
Concen: 38.059 ng
RT: 11.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

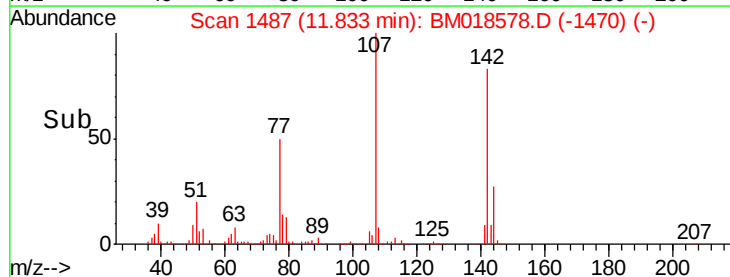
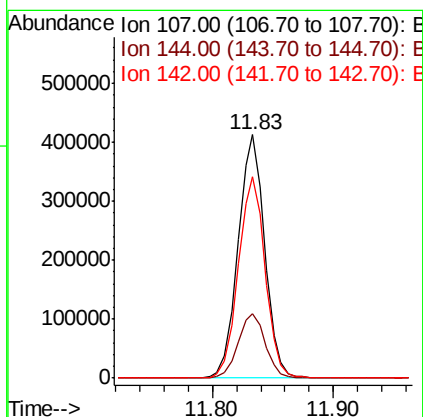
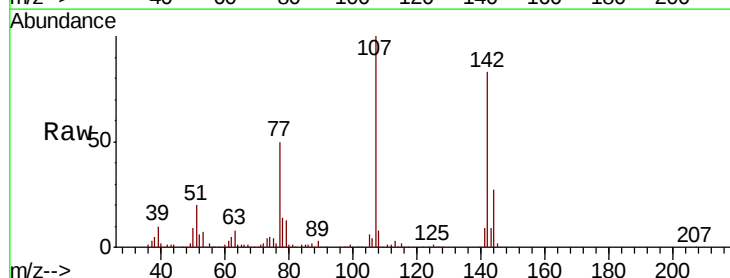
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

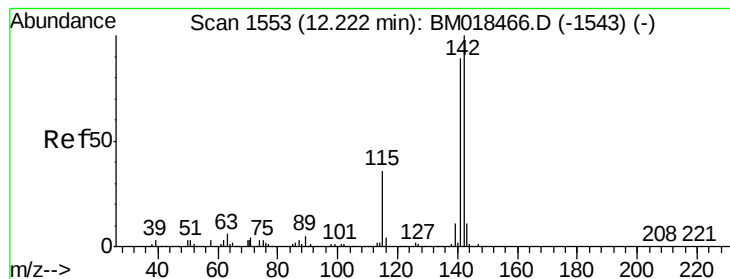
Tot Ion:113 Resp: 196859
Ion Ratio Lower Upper
113 100
55 137.7 139.3 179.3#
56 110.7 101.4 141.4



#36
4-Chloro-3-methylphenol
Concen: 39.776 ng
RT: 11.83 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:107 Resp: 634872
Ion Ratio Lower Upper
107 100
144 26.7 21.9 32.9
142 82.8 67.9 101.9

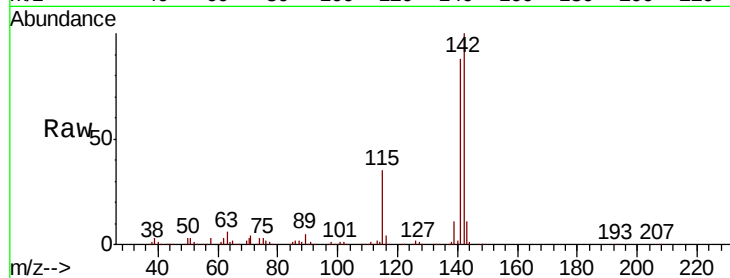




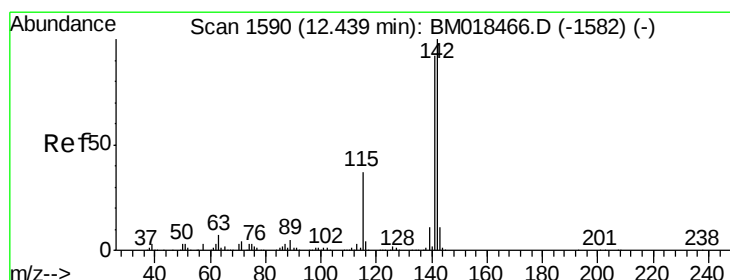
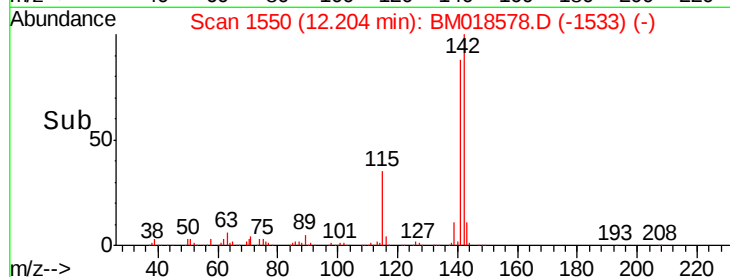
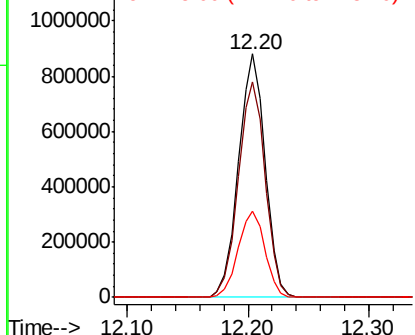
#37
 2-Methylnaphthalene
 Concen: 38.390 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 1356747
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.4 107.2
 115 35.2 28.0 42.0

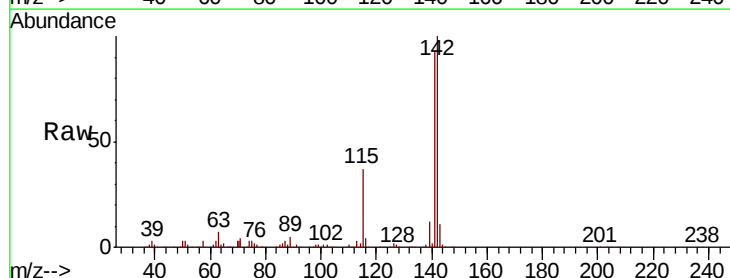


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

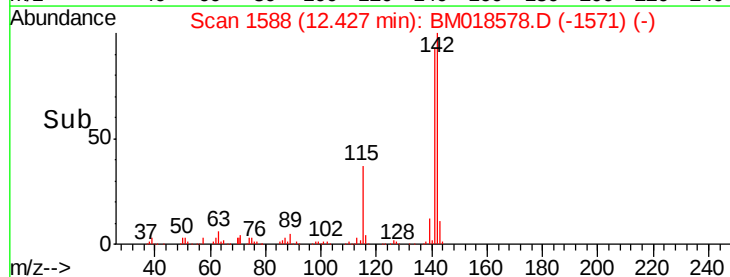
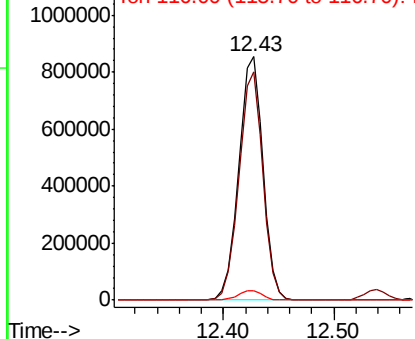


#38
 1-Methylnaphthalene
 Concen: 38.392 ng
 RT: 12.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

Tgt Ion:142 Resp: 1312822
 Ion Ratio Lower Upper
 142 100
 141 93.5 75.6 113.4
 116 3.9 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

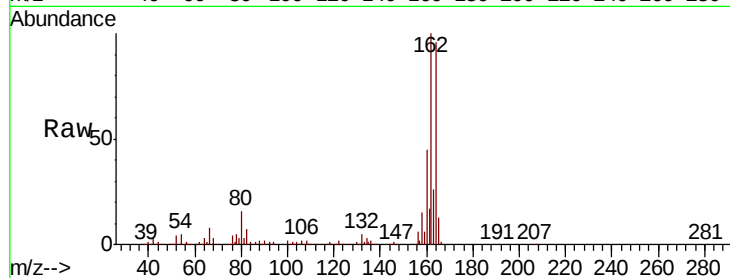
Tot Ion:164 Resp: 565654

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.4

160 46.4 37.1 55.7

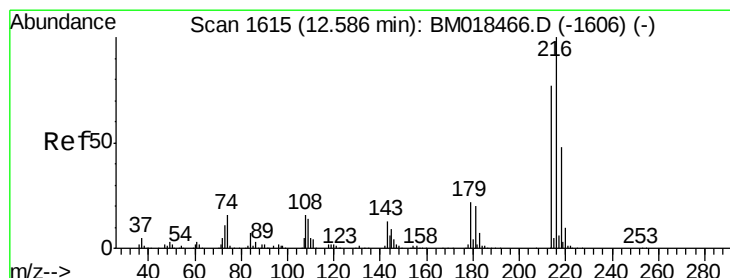
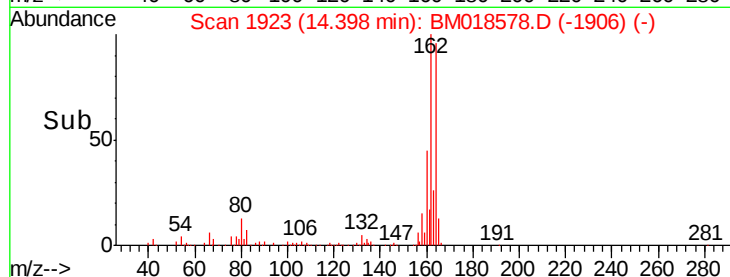
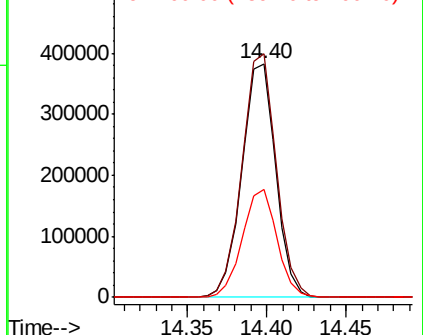


Abundance

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: 40.764 ng

RT: 12.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Tgt Ion:216 Resp: 806348

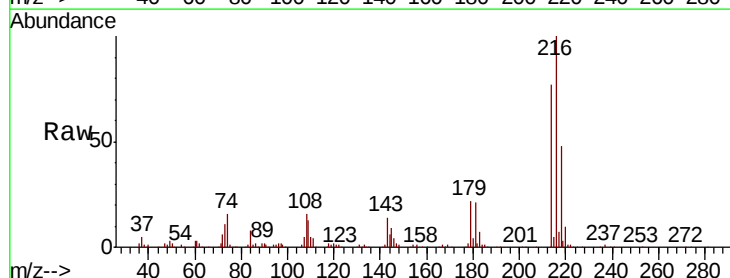
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.0

179 22.2 17.9 26.9

108 17.4 15.8 23.6



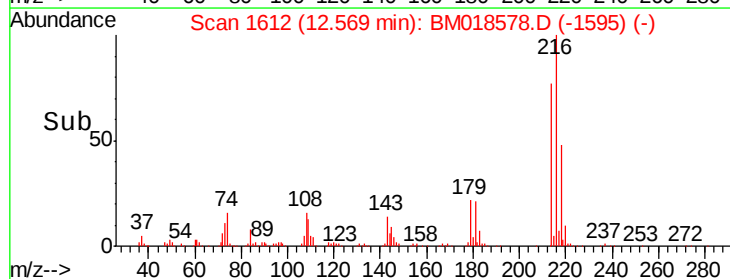
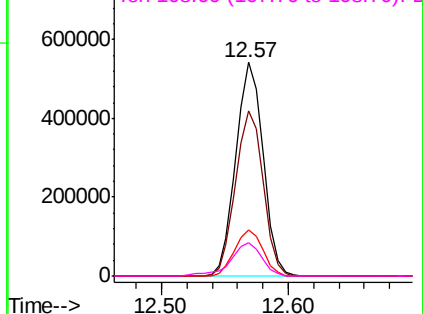
Abundance

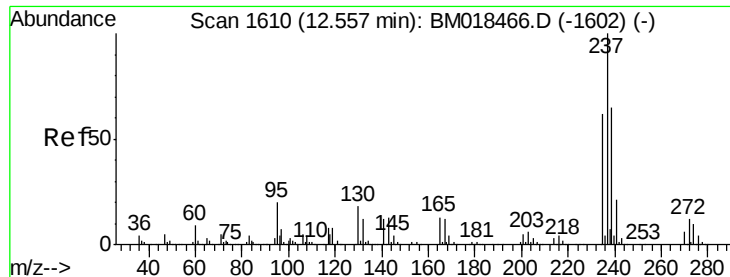
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.286 ng

RT: 12.54 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

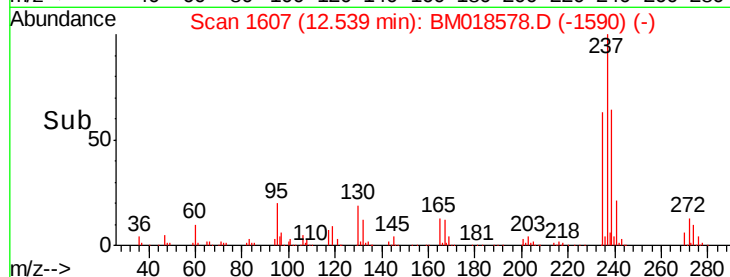
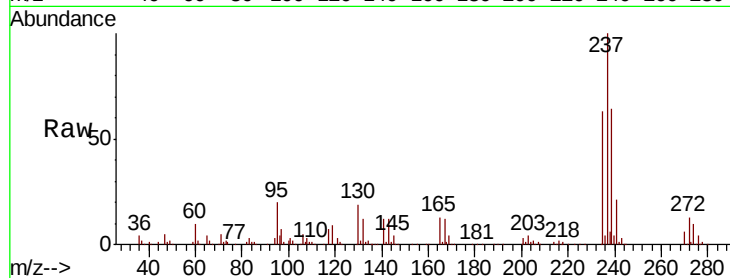
Tot Ion:237 Resp: 459067

Ion Ratio Lower Upper

237 100

235 62.7 42.8 82.8

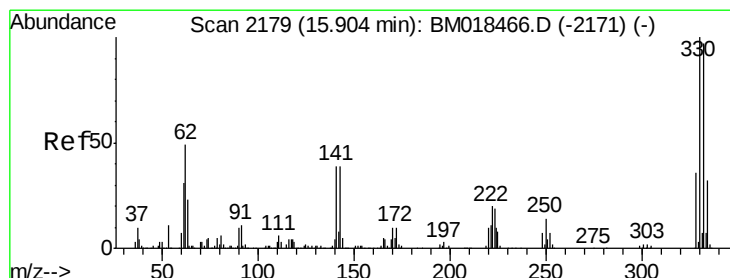
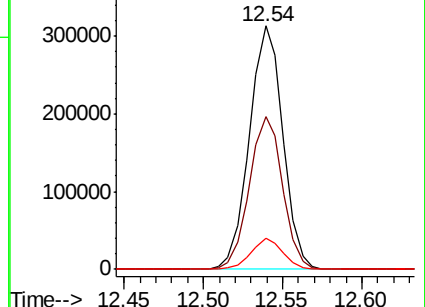
272 12.6 0.0 31.9



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: 84.147 ng

RT: 15.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

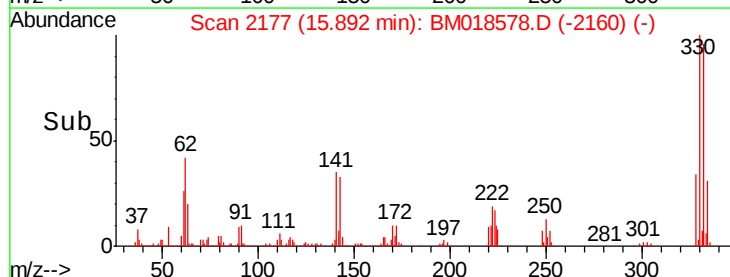
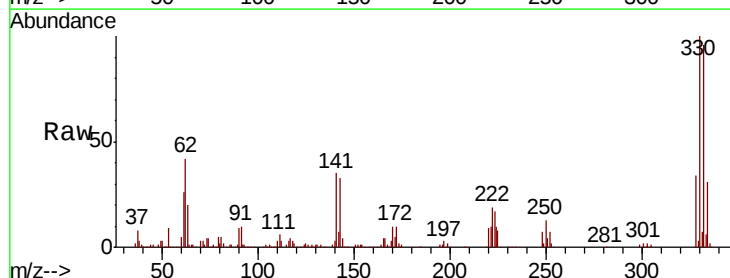
Tgt Ion:330 Resp: 606057

Ion Ratio Lower Upper

330 100

332 95.9 77.6 116.4

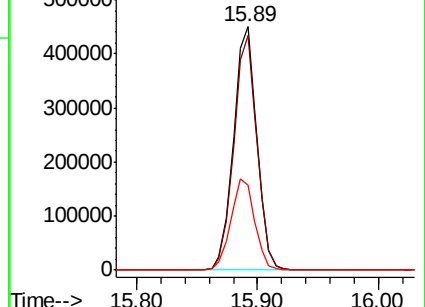
141 38.1 31.7 47.5

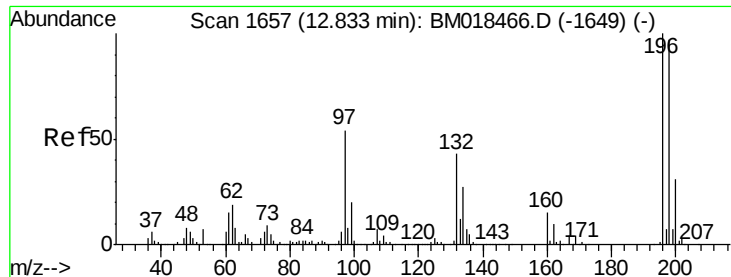


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

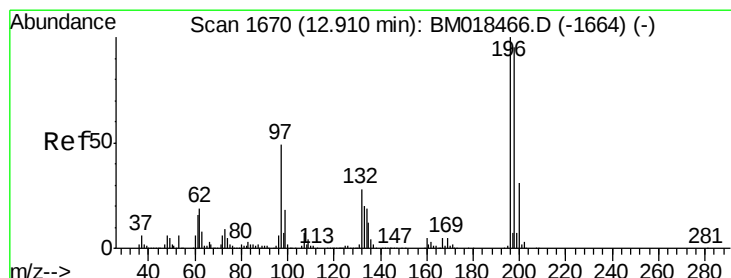
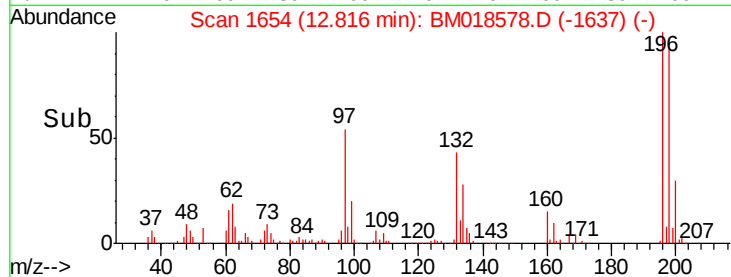
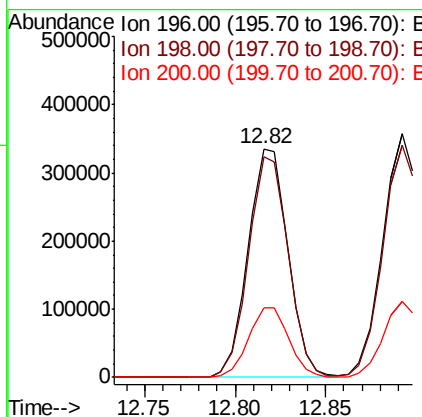
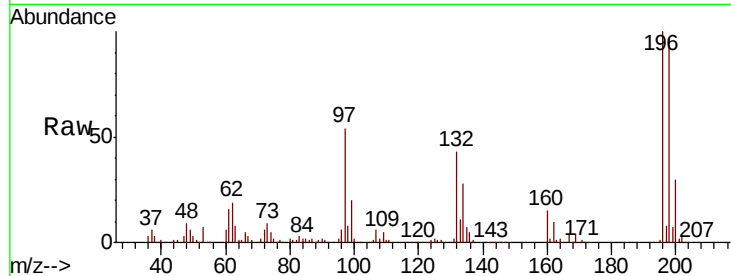




#43
 2,4,6-Trichlorophenol
 Concen: 42.728 ng
 RT: 12.82 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

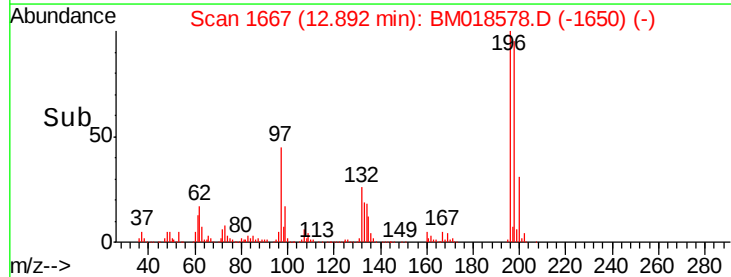
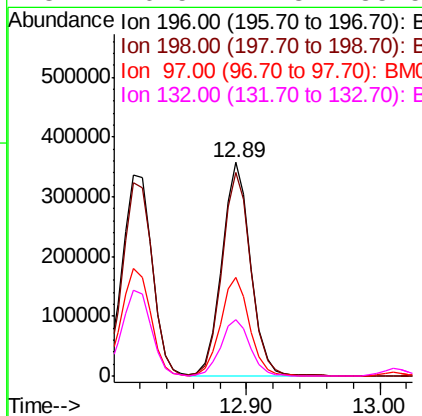
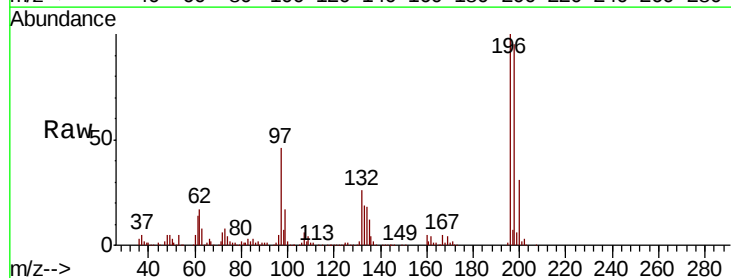
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

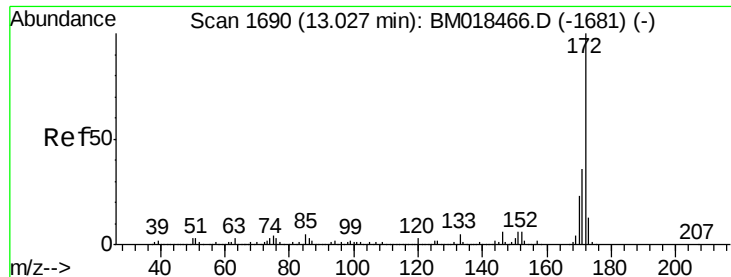
Tot Ion:196 Resp: 513248
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.6 115.0
 200 30.2 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.190 ng
 RT: 12.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

Tgt Ion:196 Resp: 532996
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.7 115.1
 97 46.2 39.2 58.8
 132 26.5 22.3 33.5

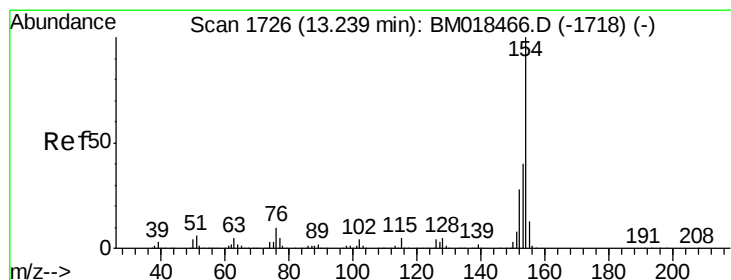
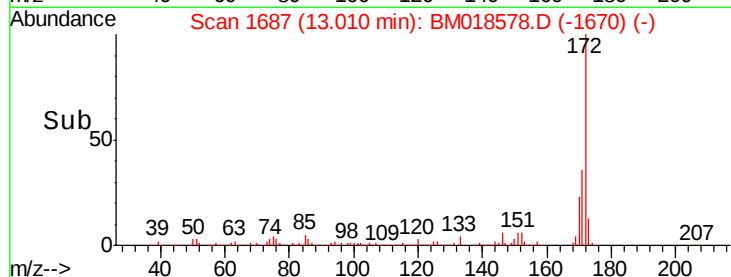
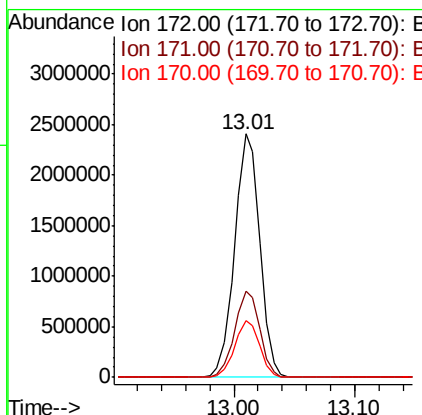
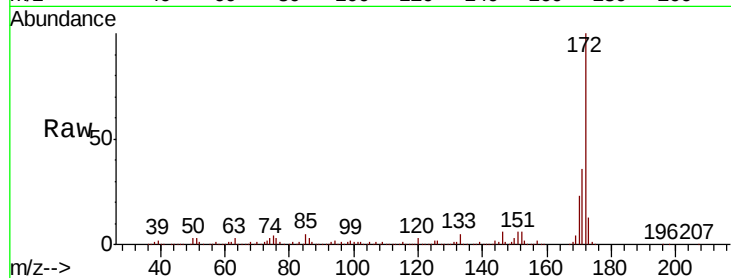




#45
2-Fluorobiphenyl
Concen: 80.458 ng
RT: 13.01 min Scan# 1687
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

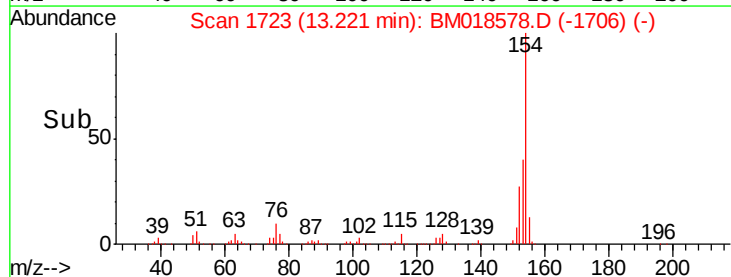
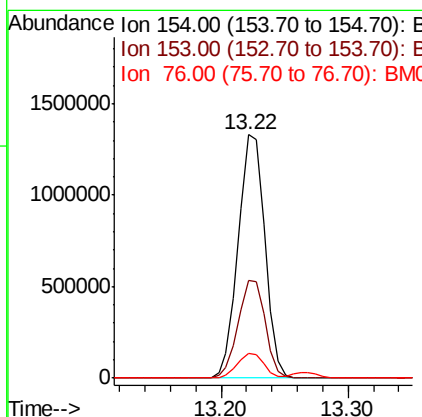
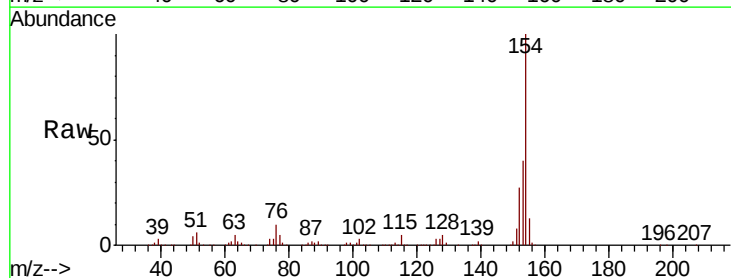
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 3487850
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.369 ng
RT: 13.22 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:154 Resp: 1944451
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 10.1 0.0 31.9

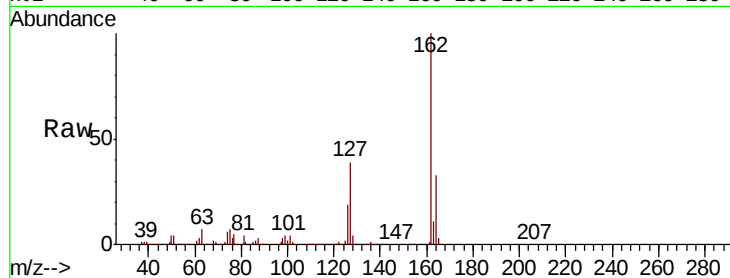




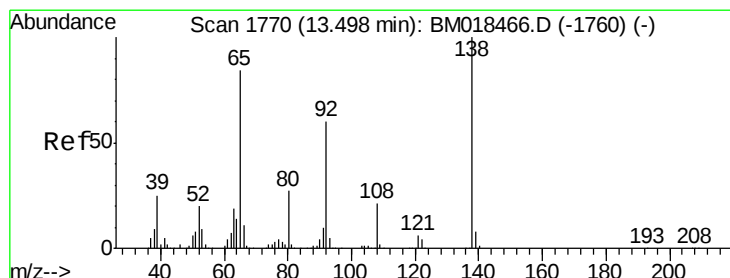
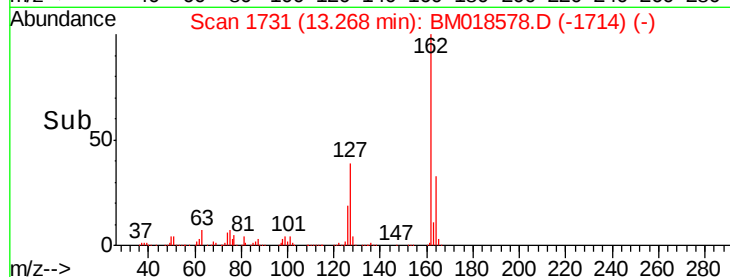
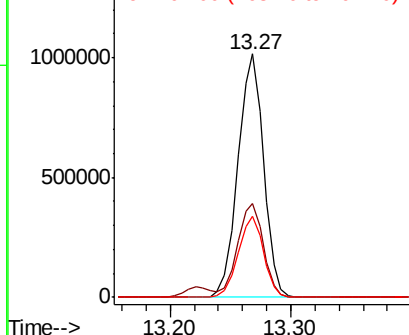
#47
2-Chloronaphthalene
Concen: 39.250 ng
RT: 13.27 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 1503278
Ion Ratio Lower Upper
162 100
127 38.8 31.4 47.0
164 33.3 26.2 39.4

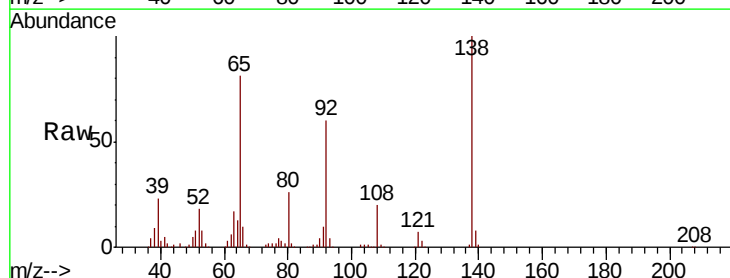


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

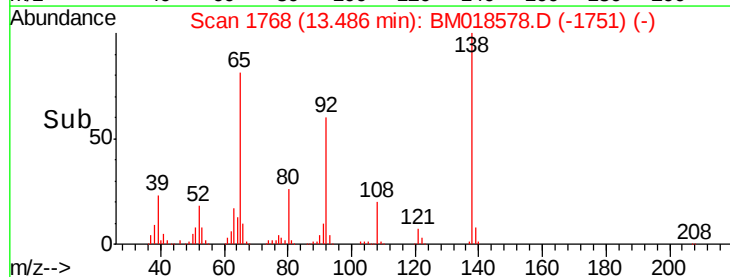
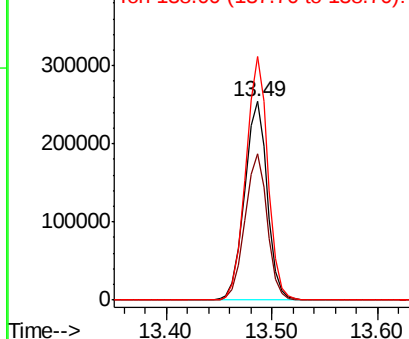


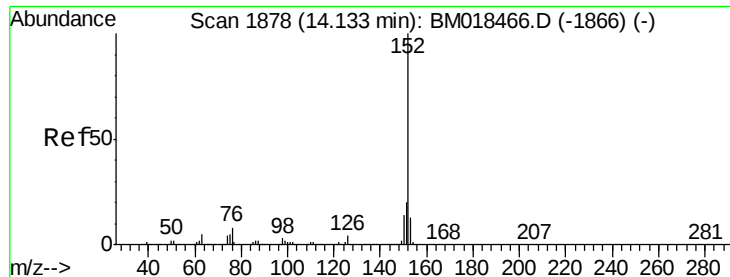
#48
2-Nitroaniline
Concen: 40.139 ng
RT: 13.49 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion: 65 Resp: 378222
Ion Ratio Lower Upper
65 100
92 73.5 53.4 80.2
138 122.7 88.9 133.3



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





#49

Acenaphthylene

Concen: 39.363 ng

RT: 14.12 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

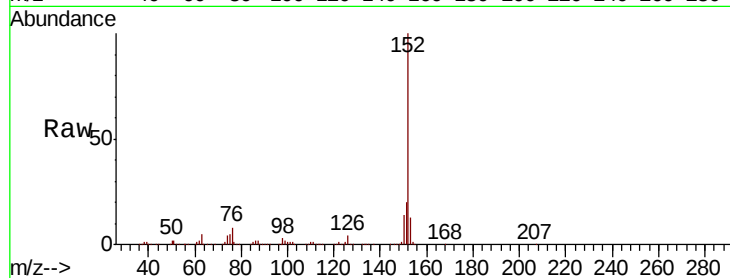
Tot Ion:152 Resp: 2197029

Ion Ratio Lower Upper

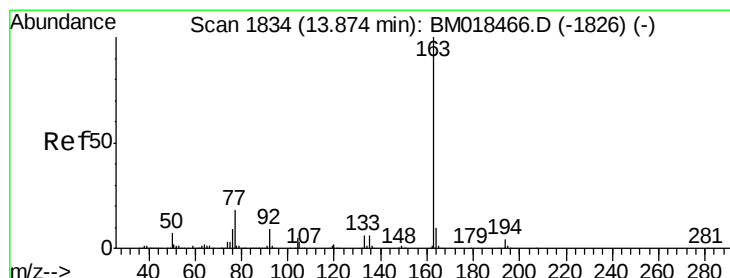
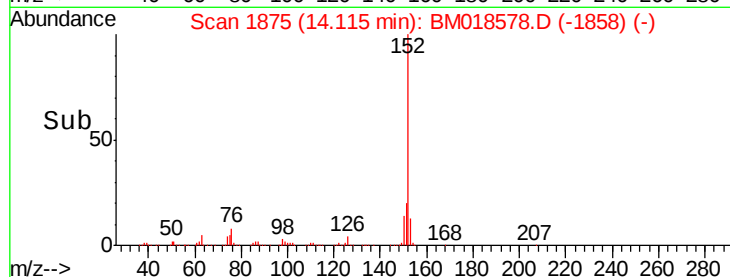
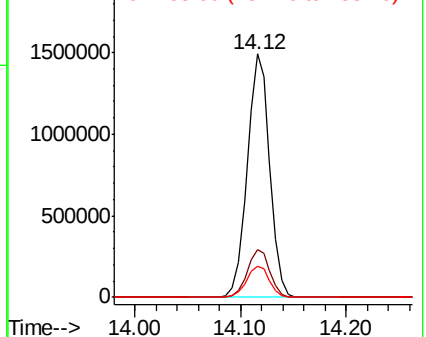
152 100

151 19.9 15.7 23.5

153 12.9 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: 38.601 ng

RT: 13.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

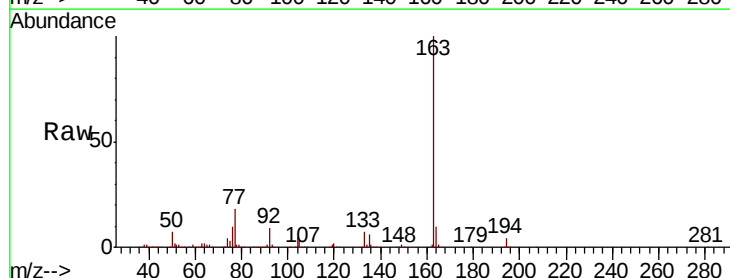
Tgt Ion:163 Resp: 1793255

Ion Ratio Lower Upper

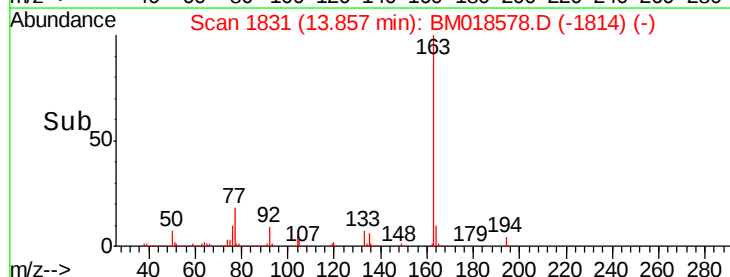
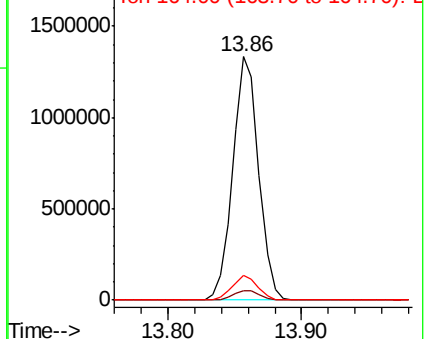
163 100

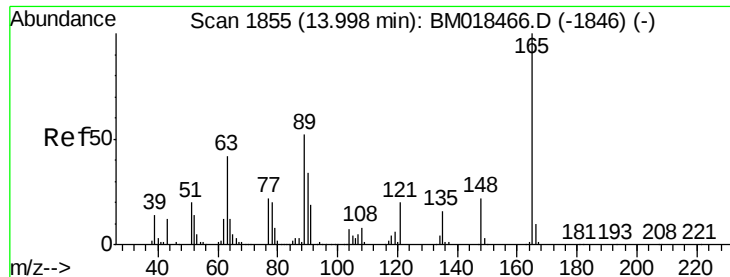
194 3.8 3.0 4.6

164 10.1 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

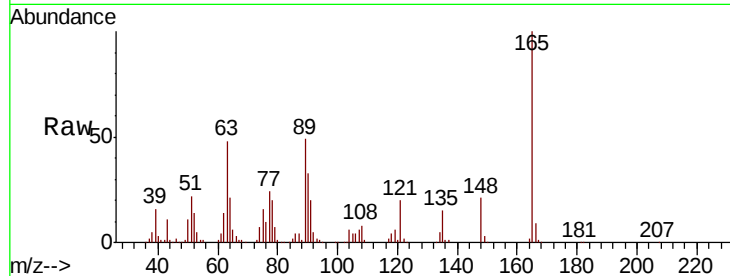




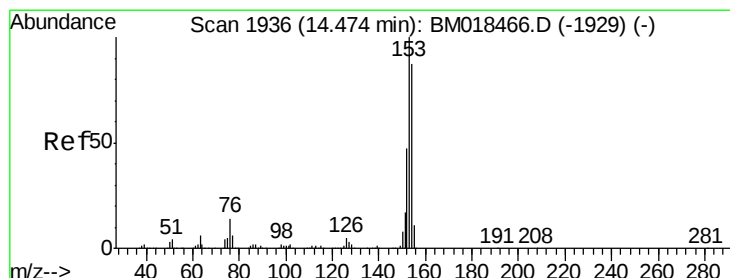
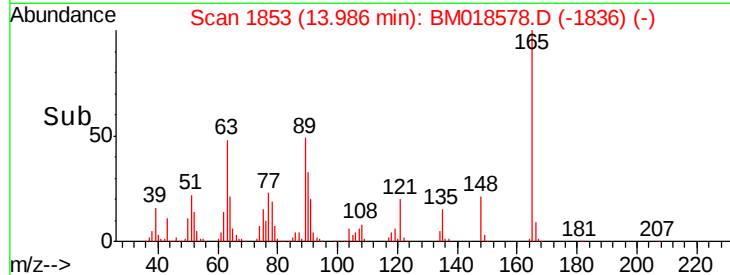
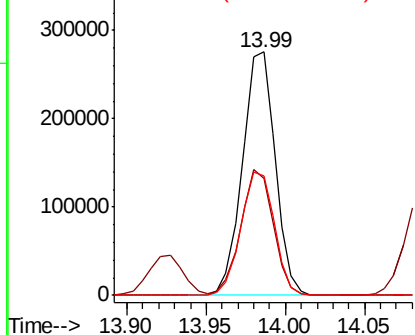
#51
2,6-Dinitrotoluene
Concen: 40.133 ng
RT: 13.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 394920
Ion Ratio Lower Upper
165 100
63 48.0 45.6 68.4
89 48.8 44.6 66.8

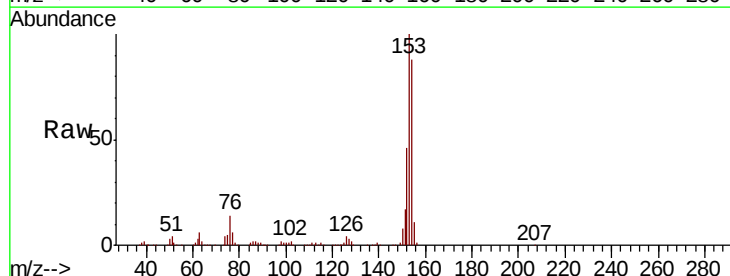


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

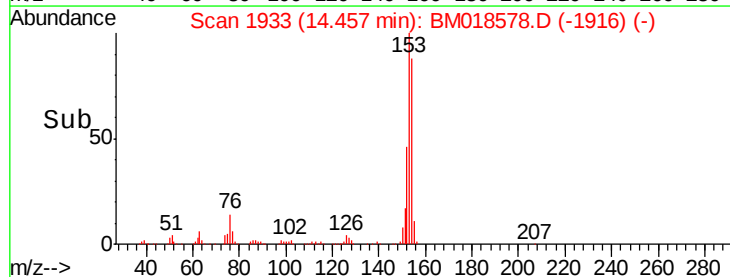
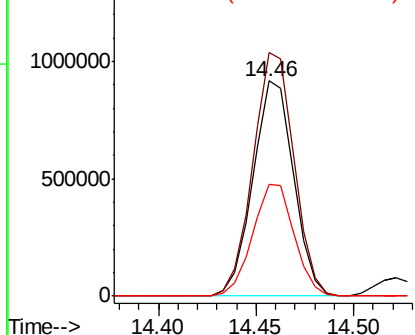


#52
Acenaphthene
Concen: 38.874 ng
RT: 14.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:154 Resp: 1327606
Ion Ratio Lower Upper
154 100
153 113.3 92.3 138.5
152 52.2 43.8 65.6



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

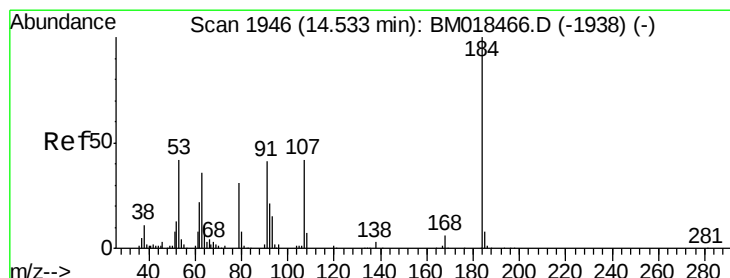
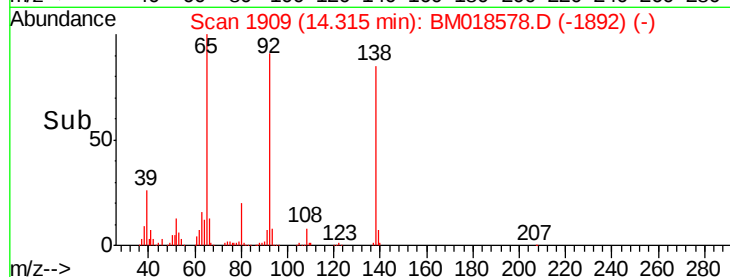
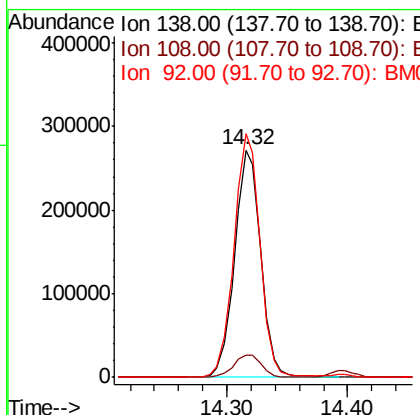
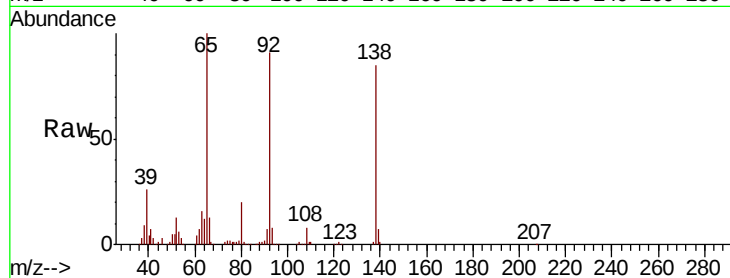




#53
3-Nitroaniline
Concen: 41.276 ng
RT: 14.32 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

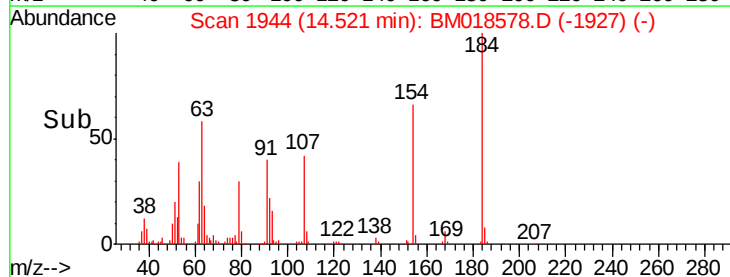
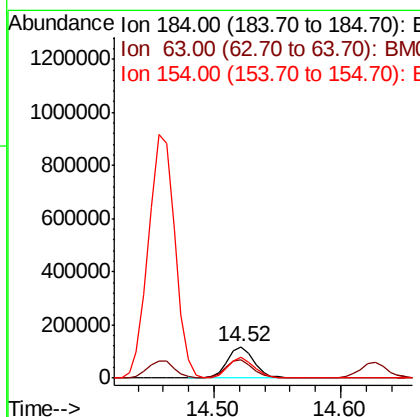
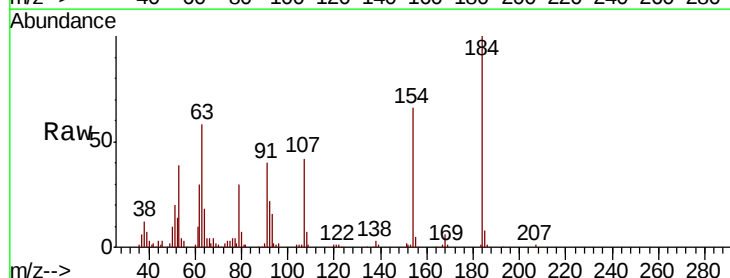
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

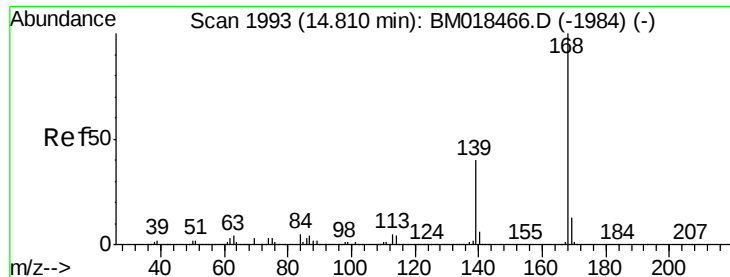
Tot Ion:138 Resp: 409483
Ion Ratio Lower Upper
138 100
108 9.8 9.1 13.7
92 107.1 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 36.834 ng
RT: 14.52 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:184 Resp: 173468
Ion Ratio Lower Upper
184 100
63 58.3 55.9 83.9
154 66.3 54.2 81.4

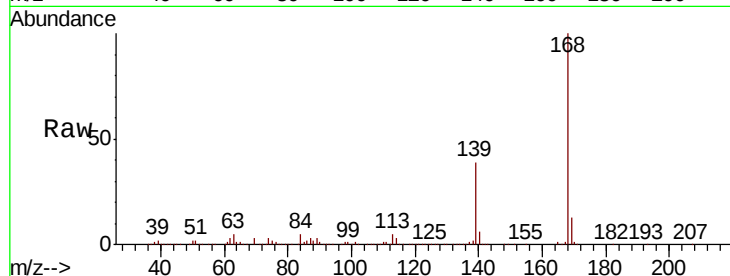




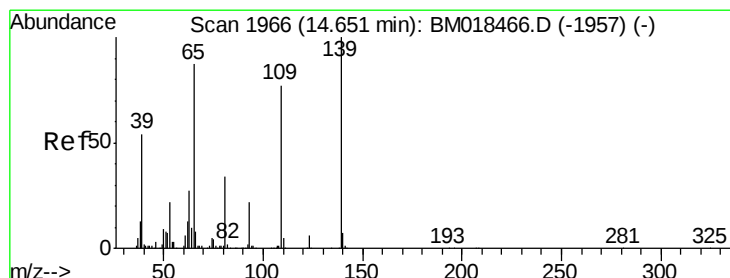
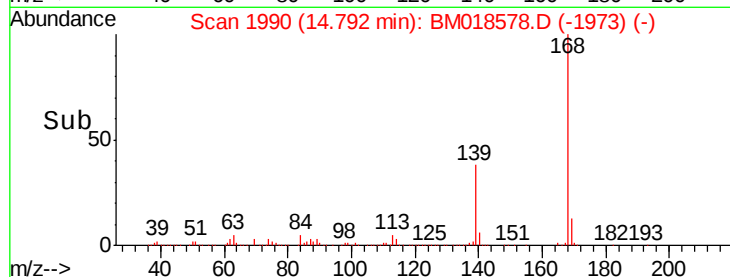
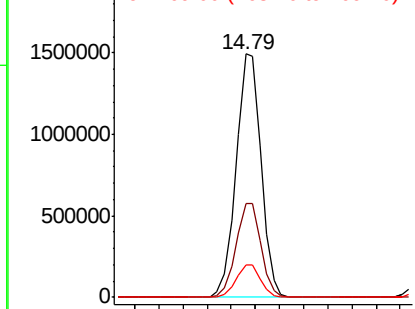
#55
Dibenzofuran
Concen: 38.033 ng
RT: 14.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 2146116
Ion Ratio Lower Upper
168 100
139 38.6 30.3 45.5
169 13.3 10.6 16.0

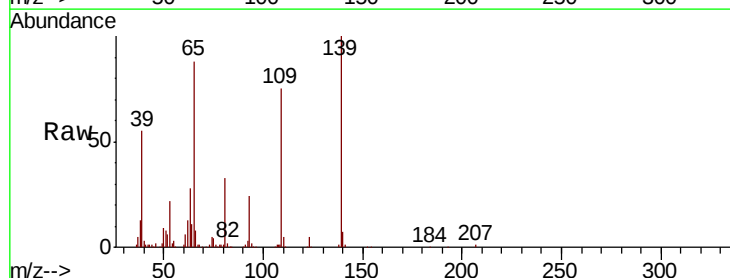


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

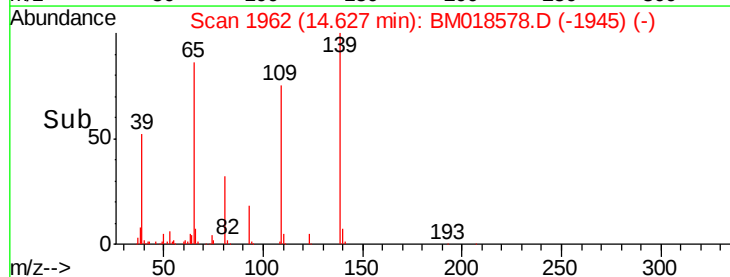
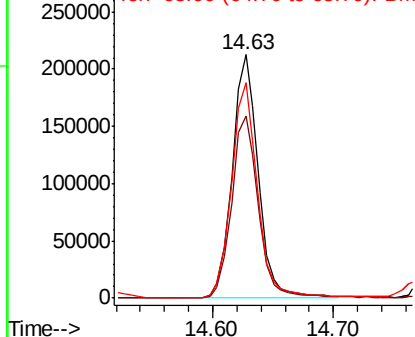


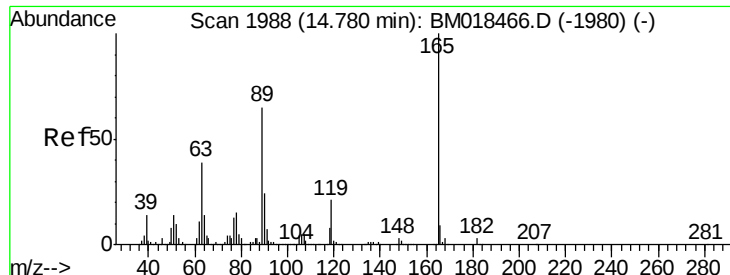
#56
4-Nitrophenol
Concen: 37.400 ng
RT: 14.63 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:139 Resp: 320539
Ion Ratio Lower Upper
139 100
109 74.8 51.7 91.7
65 88.3 71.4 111.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

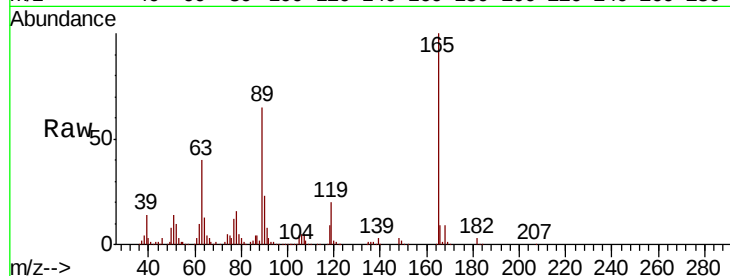




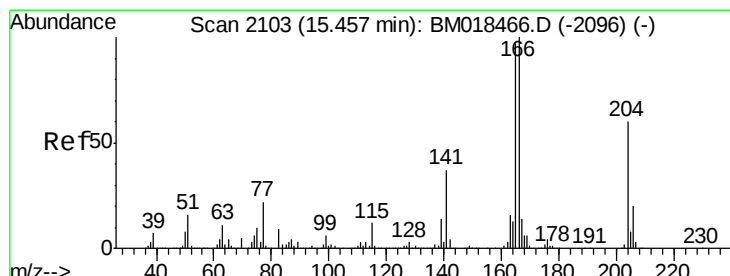
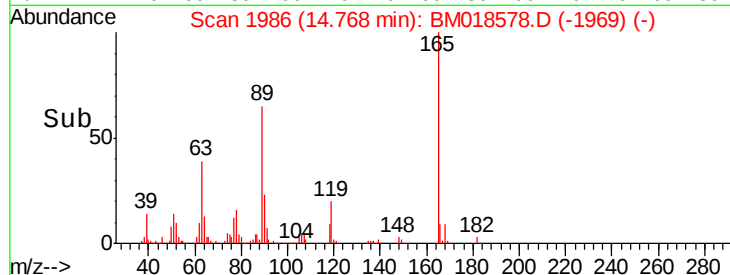
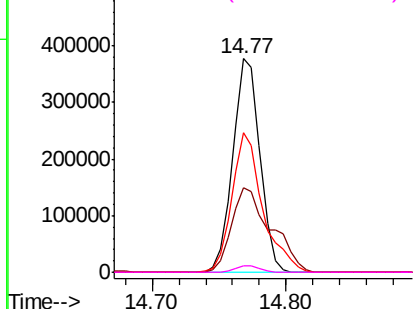
#57
2,4-Dinitrotoluene
Concen: 38.365 ng
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 534160
Ion Ratio Lower Upper
165 100
63 39.8 32.2 48.2
89 65.1 52.1 78.1
182 2.8 2.5 3.7

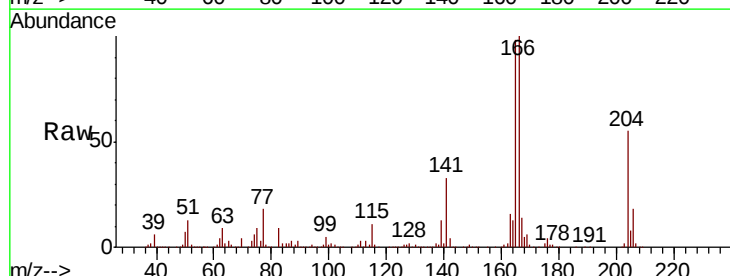


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

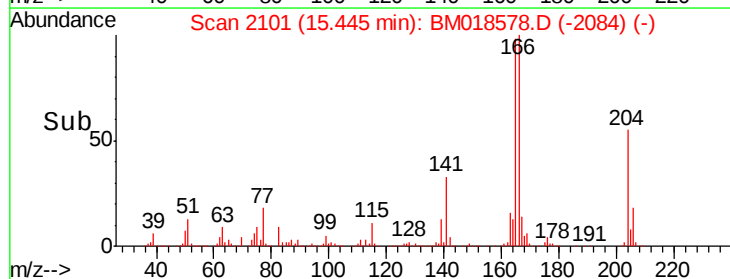
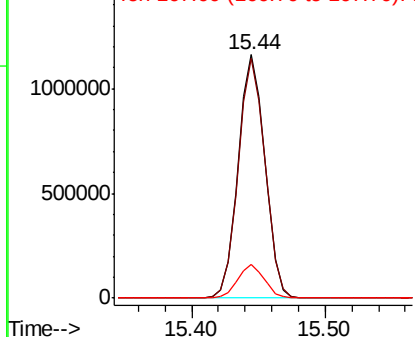


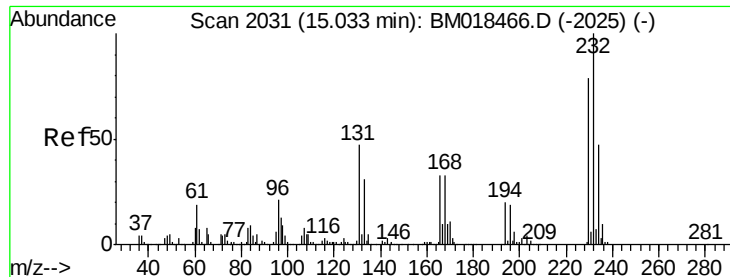
#58
Fluorene
Concen: 38.270 ng
RT: 15.44 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:166 Resp: 1608654
Ion Ratio Lower Upper
166 100
165 98.2 78.3 117.5
167 13.6 10.9 16.3



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

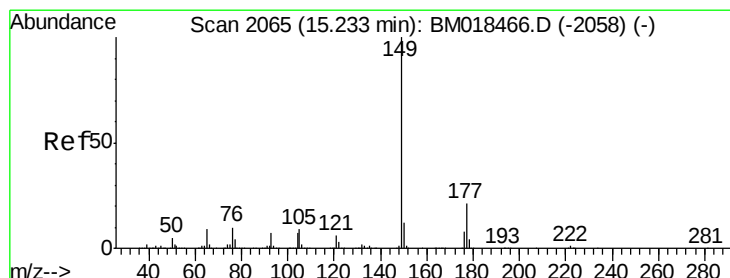
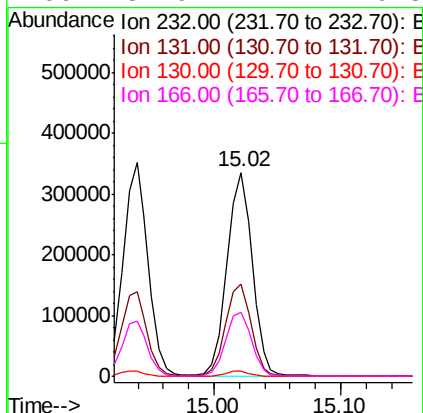
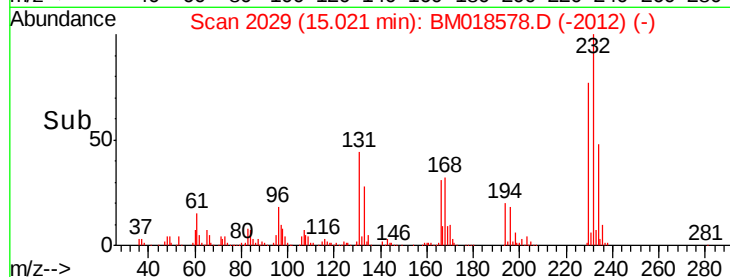
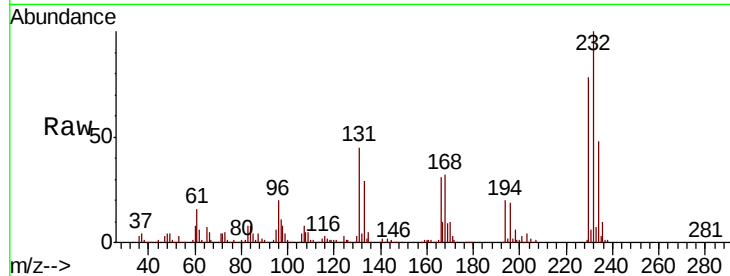




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.049 ng
RT: 15.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

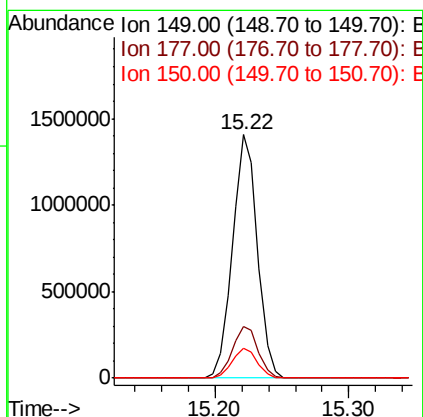
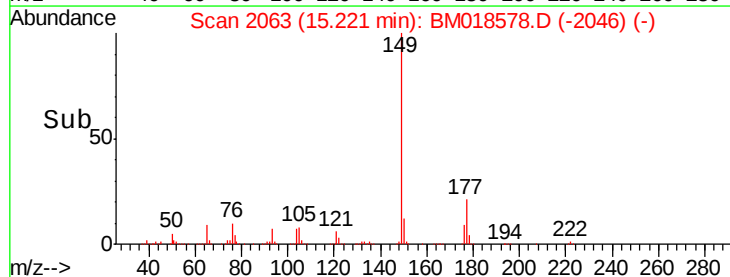
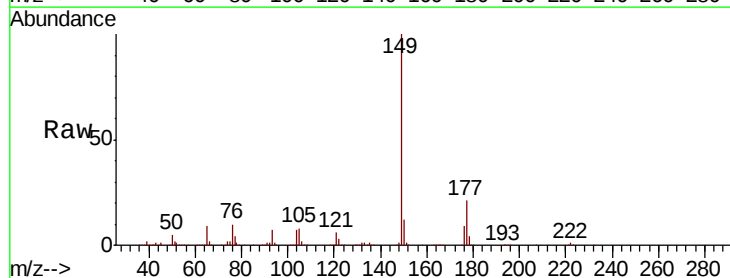
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

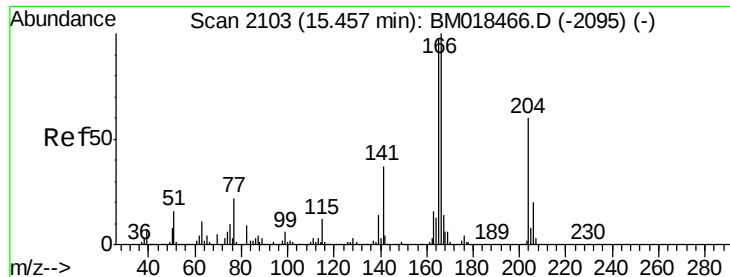
Tot Ion:232 Resp: 459660
Ion Ratio Lower Upper
232 100
131 46.3 38.6 57.8
130 2.4 2.2 3.4
166 31.9 27.2 40.8



#60
Diethylphthalate
Concen: 38.838 ng
RT: 15.22 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:149 Resp: 1821409
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.5 9.8 14.6

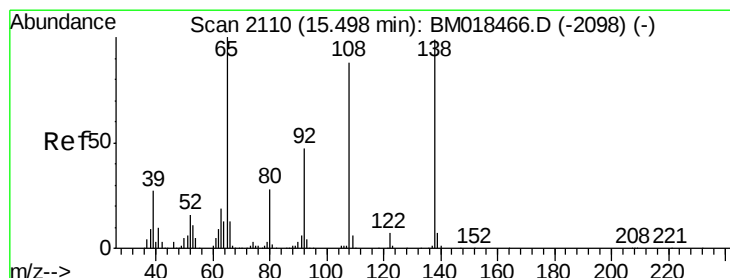
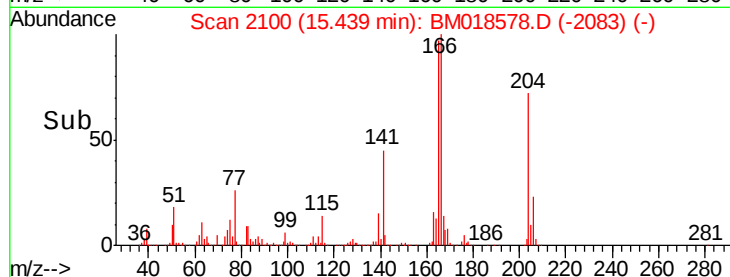
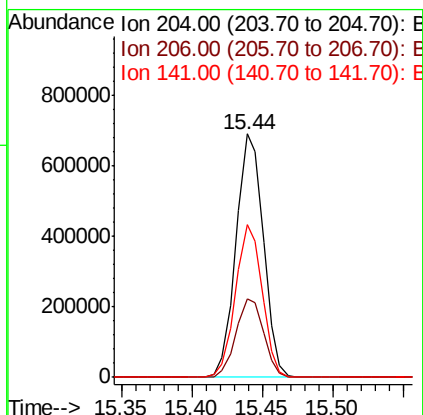
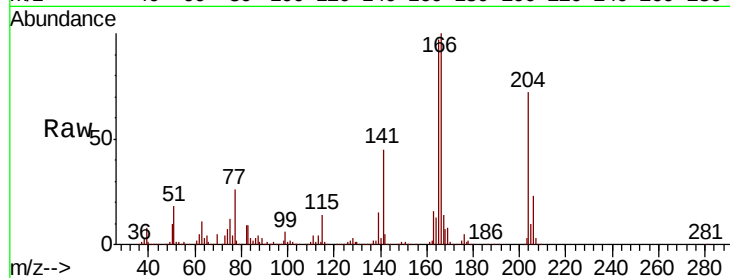




#61
4-Chlorophenyl-phenylether
Concen: 38.636 ng
RT: 15.44 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

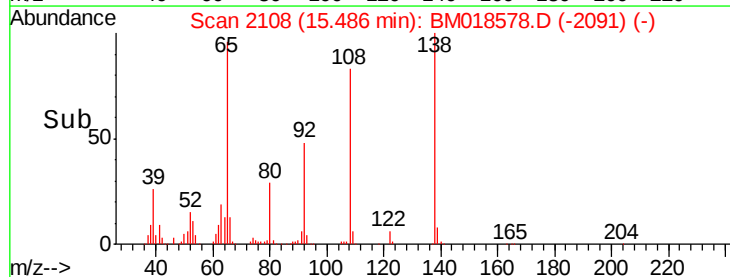
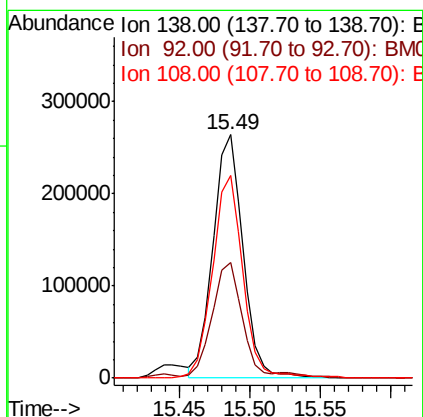
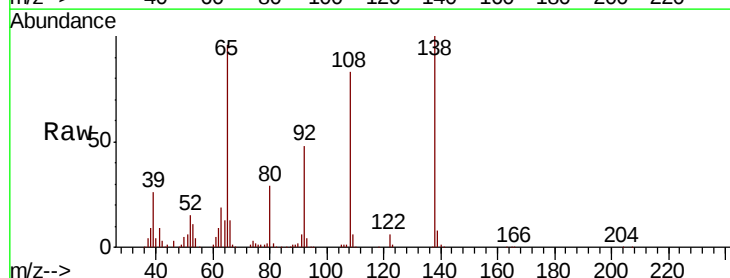
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

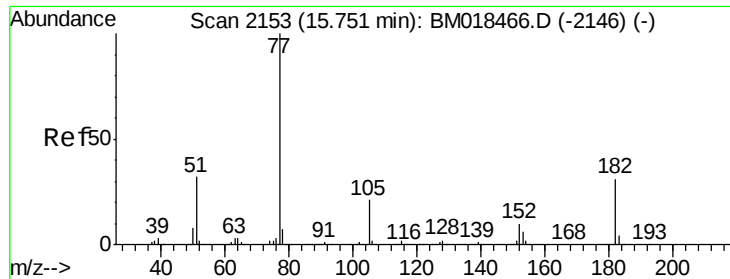
Tot Ion:204 Resp: 936013
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 62.9 49.5 74.3



#62
4-Nitroaniline
Concen: 35.833 ng
RT: 15.49 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:138 Resp: 387747
Ion Ratio Lower Upper
138 100
92 47.6 29.0 69.0
108 83.5 63.9 103.9





#63

Azobenzene

Concen: 38.495 ng

RT: 15.73 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1471908

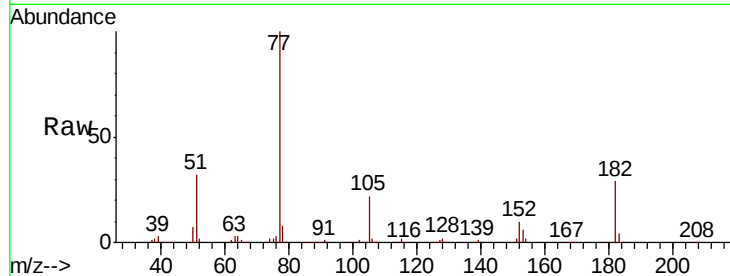
Ion Ratio Lower Upper

77 100

182 29.1 7.4 47.4

105 21.6 0.0 39.6

51 31.9 12.0 52.0

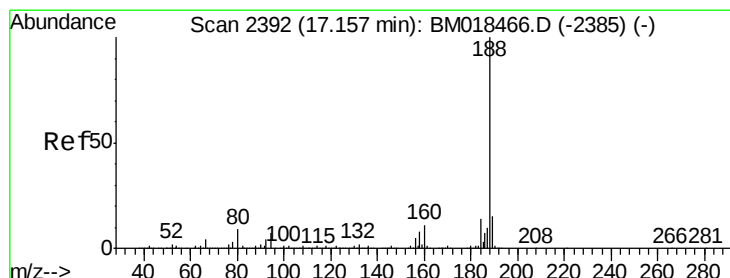
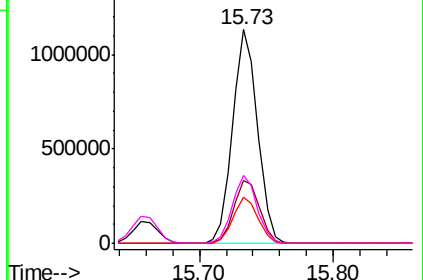
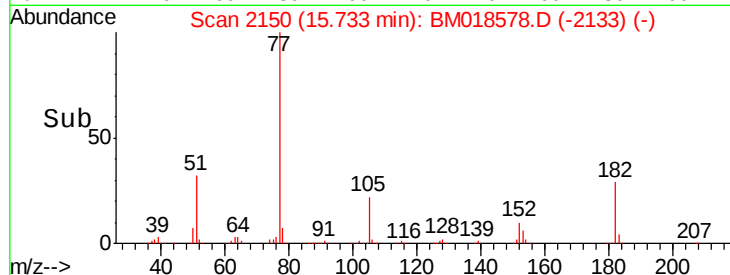


Abundance Ion 77.00 (76.70 to 77.70): BM018578.D (-2133) (-)

Ion 182.00 (181.70 to 182.70): BM018578.D (-2133) (-)

Ion 105.00 (104.70 to 105.70): BM018578.D (-2133) (-)

Ion 51.00 (50.70 to 51.70): BM018578.D (-2133) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.14 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

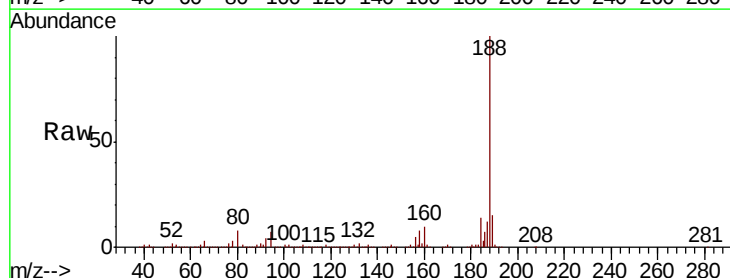
Tgt Ion: 188 Resp: 1211473

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

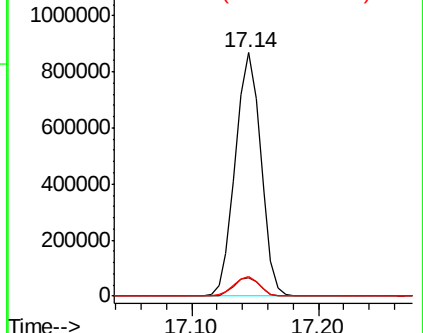
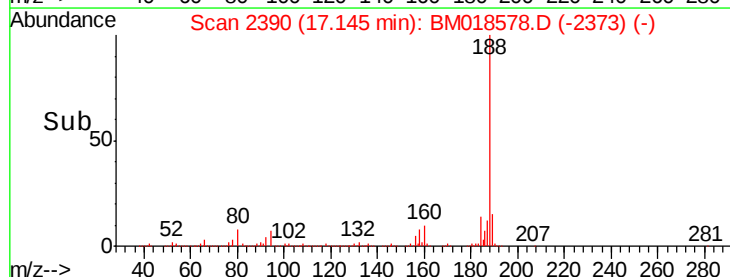
80 8.3 7.6 11.4

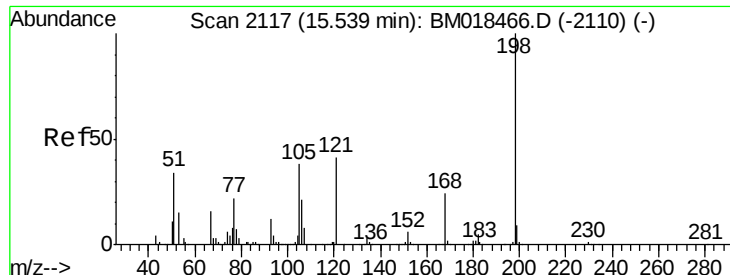


Abundance Ion 188.00 (187.70 to 188.70): BM018578.D (-2373) (-)

Ion 94.00 (93.70 to 94.70): BM018578.D (-2373) (-)

Ion 80.00 (79.70 to 80.70): BM018578.D (-2373) (-)

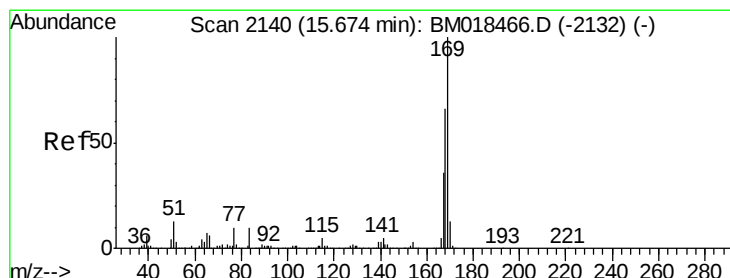
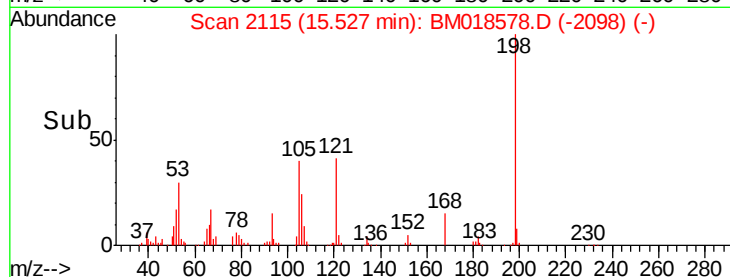
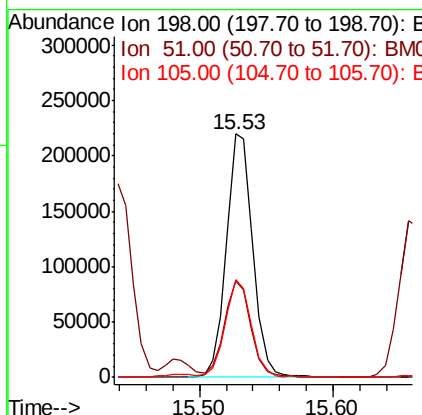
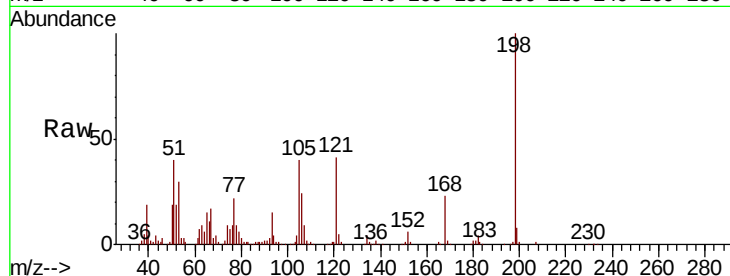




#65
4,6-Dinitro-2-methylphenol
Concen: 40.528 ng
RT: 15.53 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

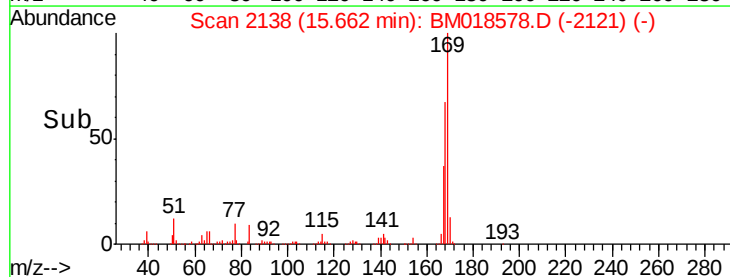
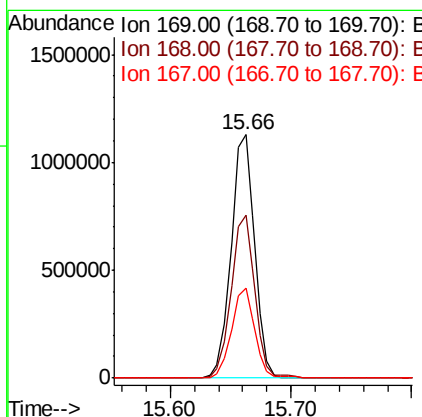
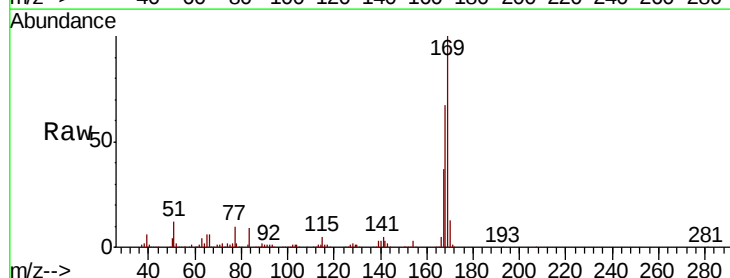
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

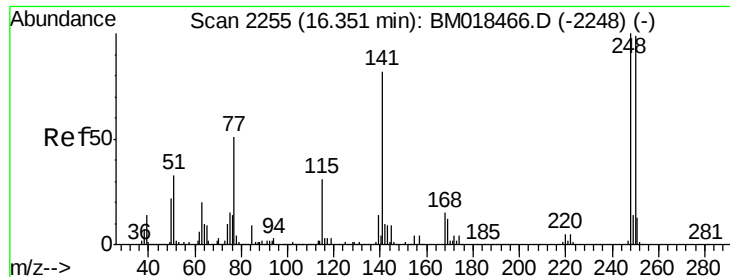
Tot Ion:198 Resp: 305652
Ion Ratio Lower Upper
198 100
51 39.7 29.6 69.6
105 40.1 25.5 65.5



#66
n-Nitrosodiphenylamine
Concen: 40.518 ng
RT: 15.66 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:169 Resp: 1522628
Ion Ratio Lower Upper
169 100
168 67.1 54.1 81.1
167 36.8 28.6 42.8

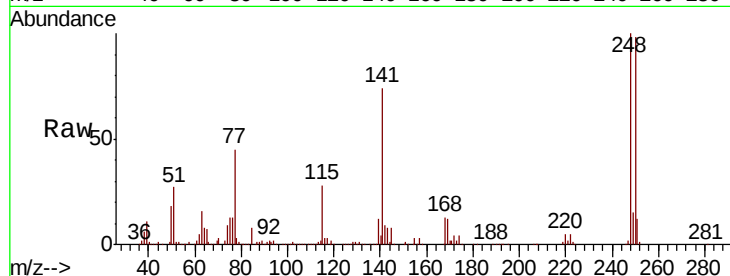




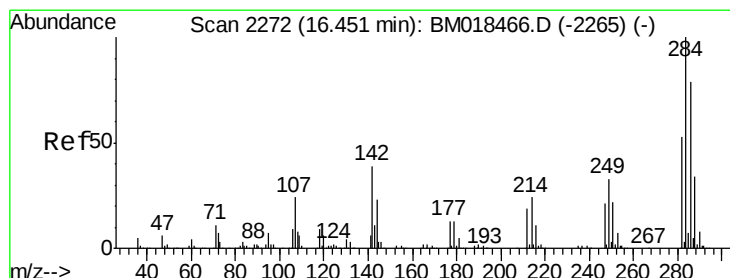
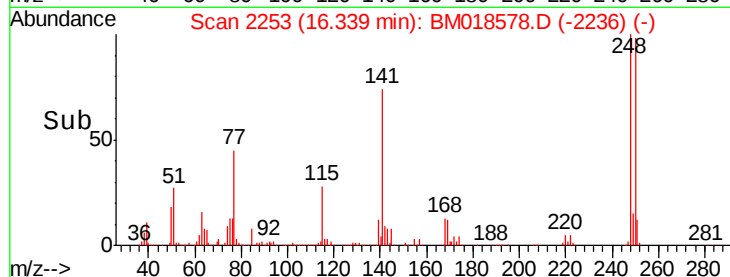
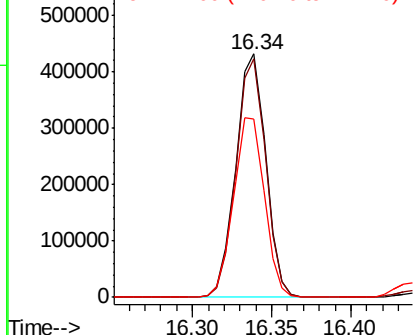
#67
4-Bromophenyl-phenylether
Concen: 41.844 ng
RT: 16.34 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 567279
Ion Ratio Lower Upper
248 100
250 97.7 76.0 114.0
141 73.5 61.5 92.3

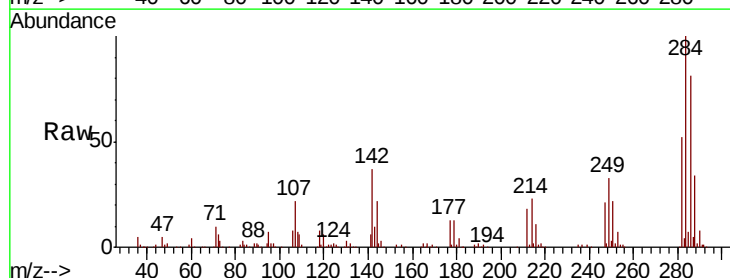


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

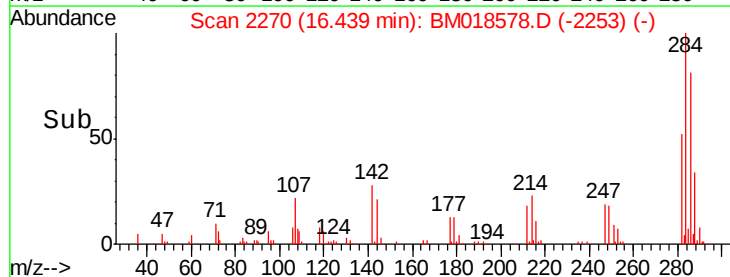
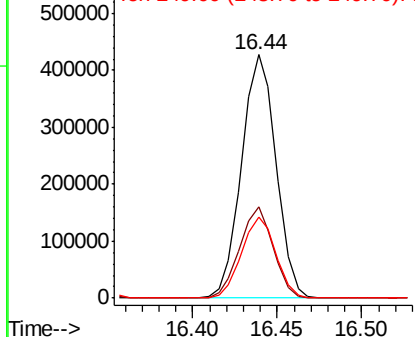


#68
Hexachlorobenzene
Concen: 40.059 ng
RT: 16.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:284 Resp: 607977
Ion Ratio Lower Upper
284 100
142 37.3 29.2 43.8
249 33.4 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: 41.102 ng

RT: 16.62 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

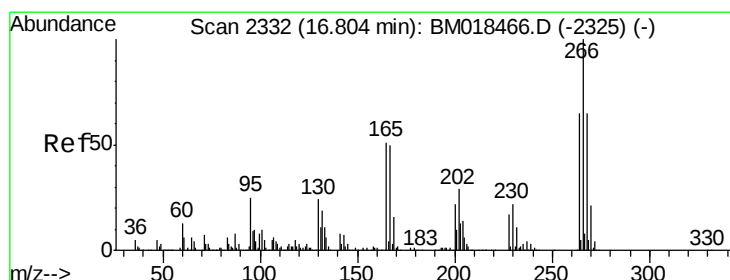
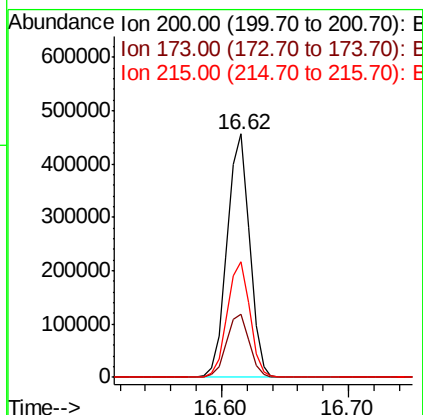
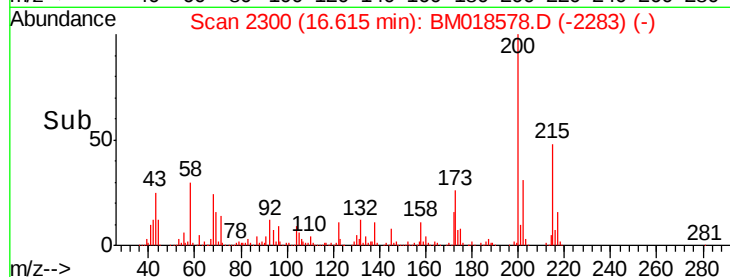
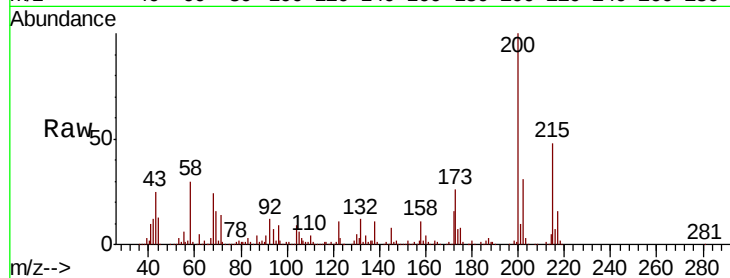
Tot Ion:200 Resp: 558396

Ion Ratio Lower Upper

200 100

173 25.9 7.2 47.2

215 47.7 28.3 68.3



#70

Pentachlorophenol

Concen: 42.576 ng

RT: 16.79 min Scan# 2330

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

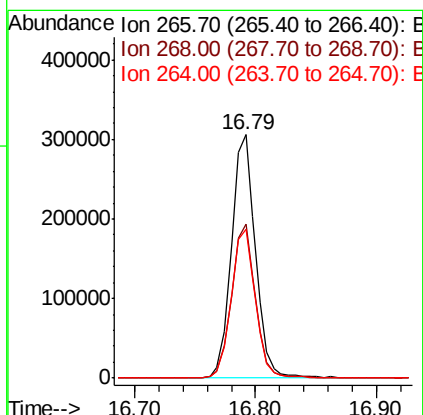
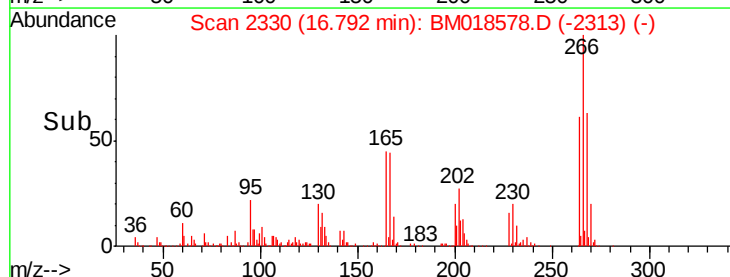
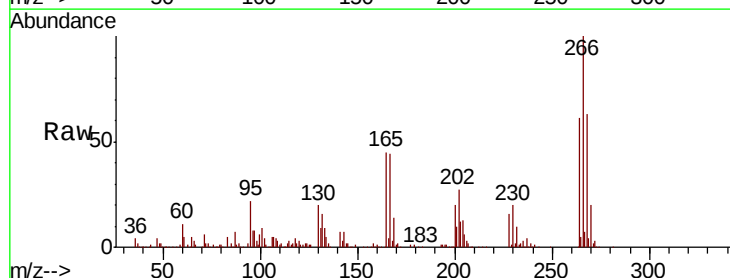
Tgt Ion:266 Resp: 423191

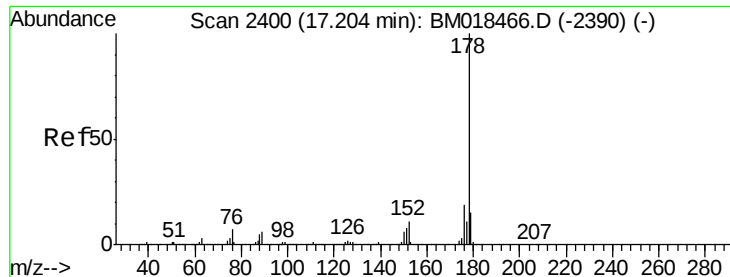
Ion Ratio Lower Upper

266 100

268 63.1 49.8 74.6

264 61.3 50.1 75.1

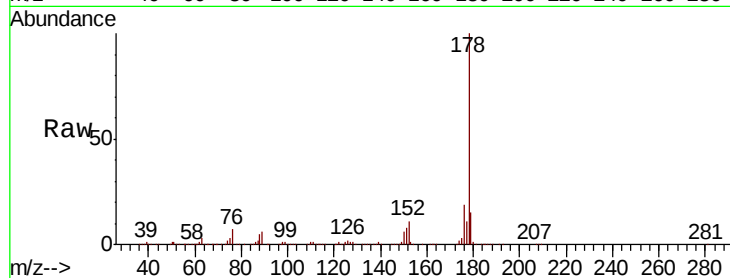




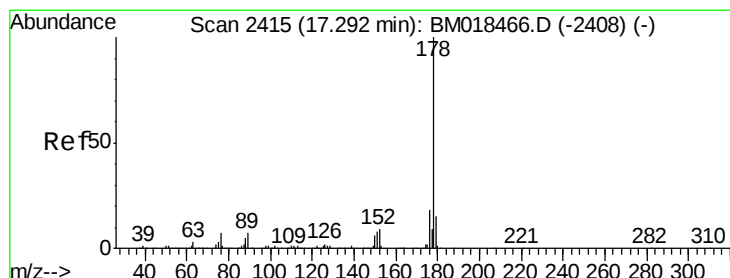
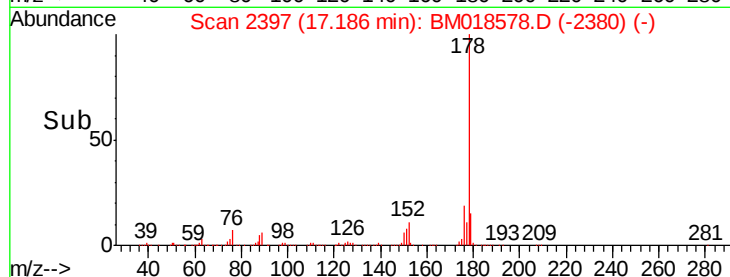
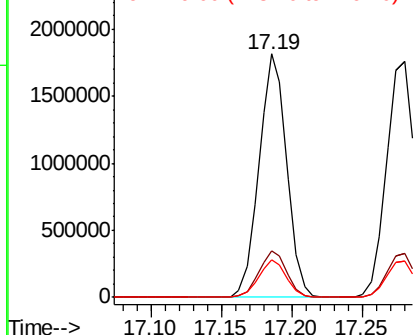
#71
Phenanthrene
Concen: 38.801 ng
RT: 17.19 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 2500253
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.2 12.2 18.4

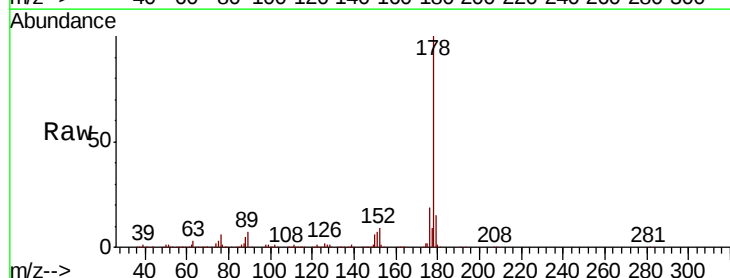


Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

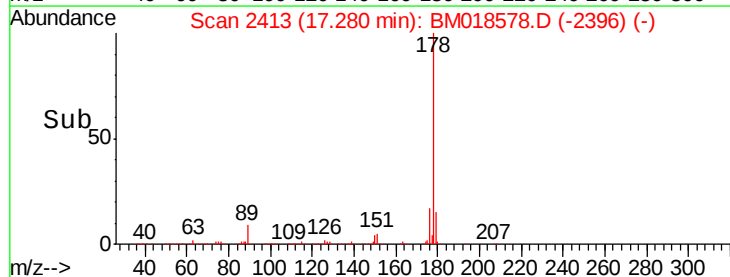
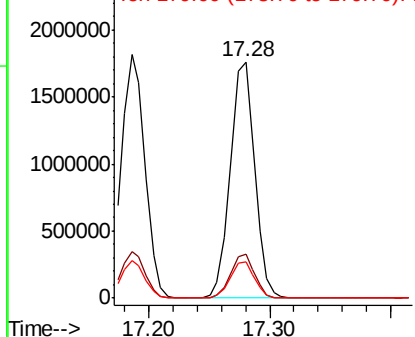


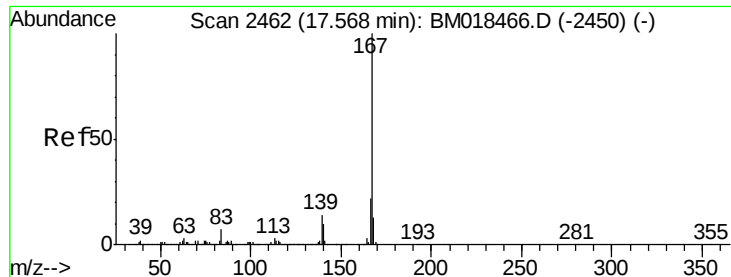
#72
Anthracene
Concen: 40.141 ng
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM018578.D
Acq: 16 Jan 2019 11:20

Tgt Ion:178 Resp: 2487281
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



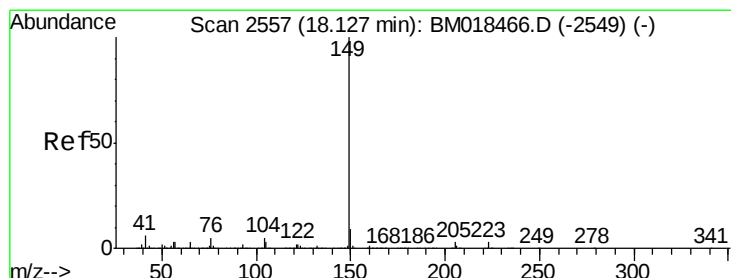
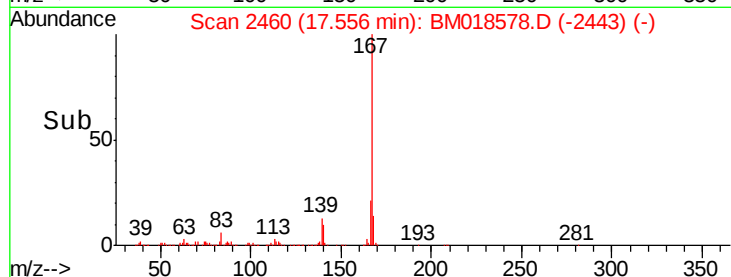
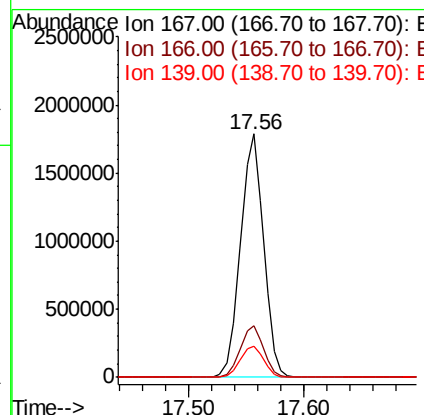
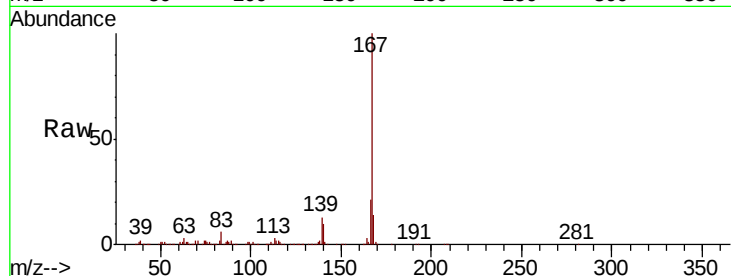


#73
 Carbazole
 Concen: 38.822 ng
 RT: 17.56 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 2471444

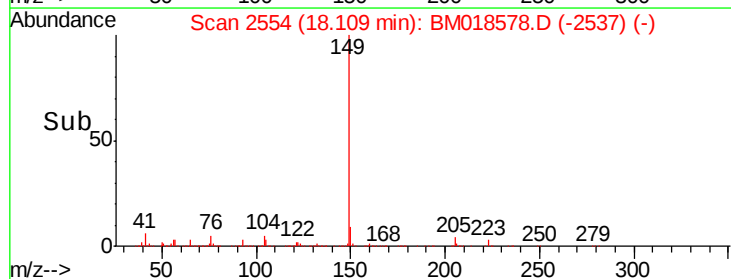
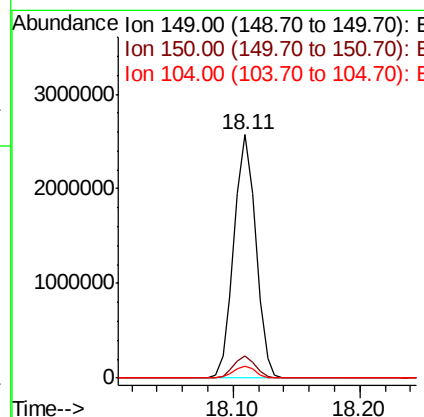
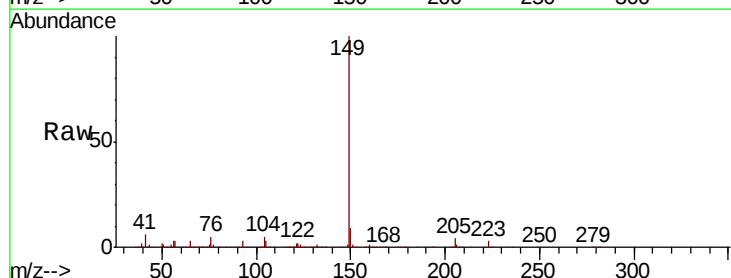
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	12.9	10.6	16.0

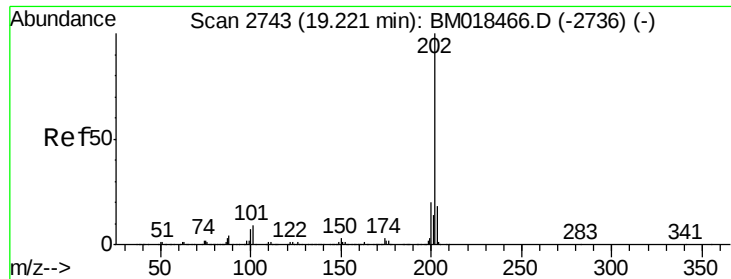


#74
 Di-n-butylphthalate
 Concen: 43.841 ng
 RT: 18.11 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: BM018578.D
 Acq: 16 Jan 2019 11:20

Tgt Ion:149 Resp: 3057190

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 38.367 ng

RT: 19.21 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

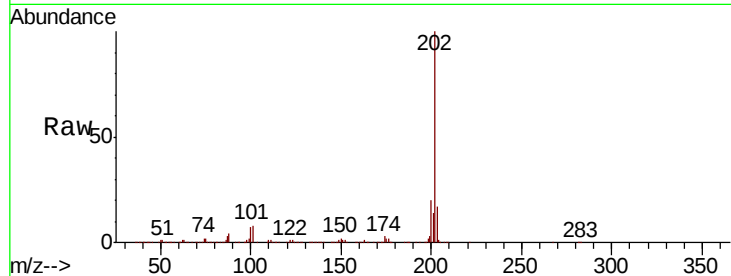
Tot Ion:202 Resp: 2850388

Ion Ratio Lower Upper

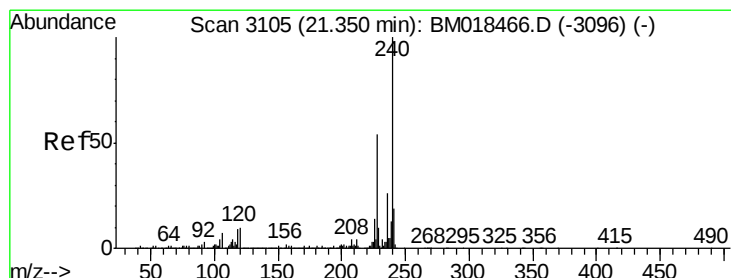
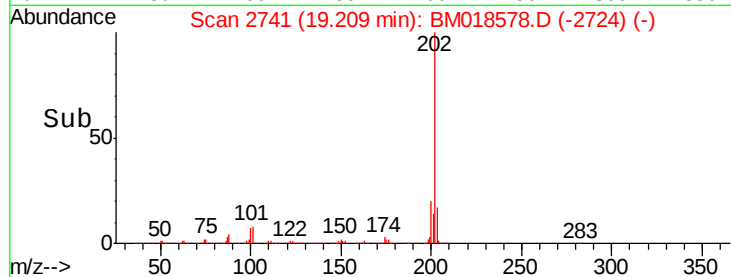
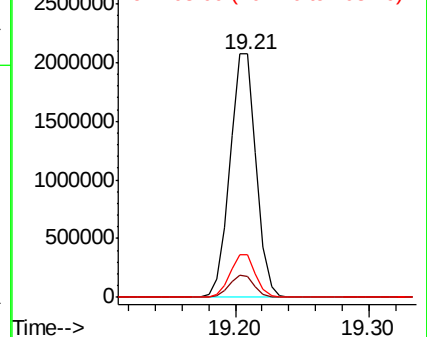
202 100

101 8.3 0.0 30.9

203 17.4 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

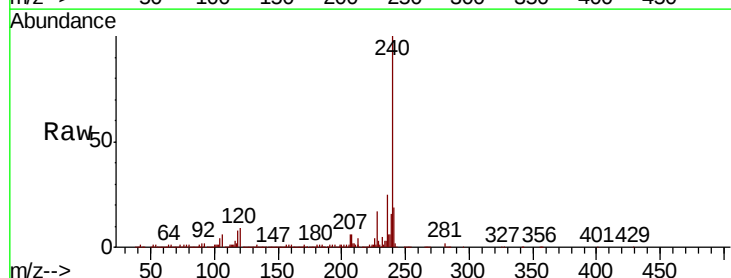
Tgt Ion:240 Resp: 1210688

Ion Ratio Lower Upper

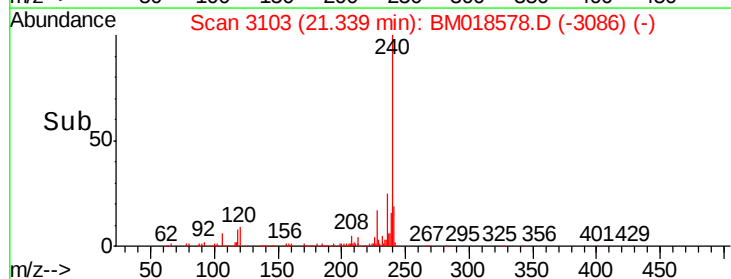
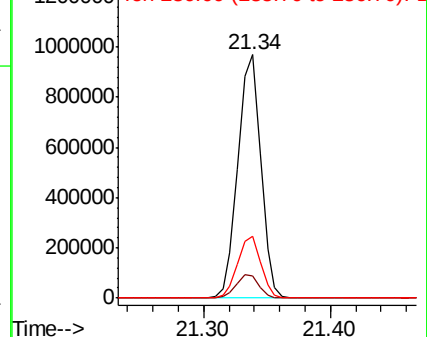
240 100

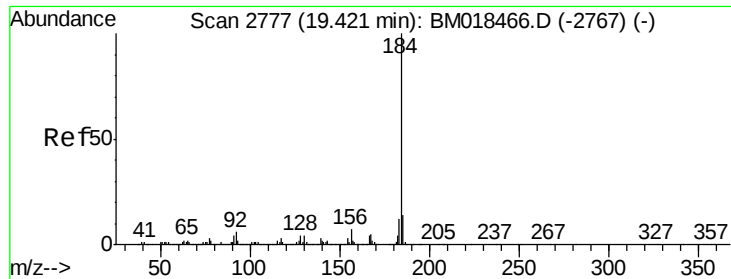
120 9.1 8.4 12.6

236 25.2 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: 43.974 ng

RT: 19.40 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

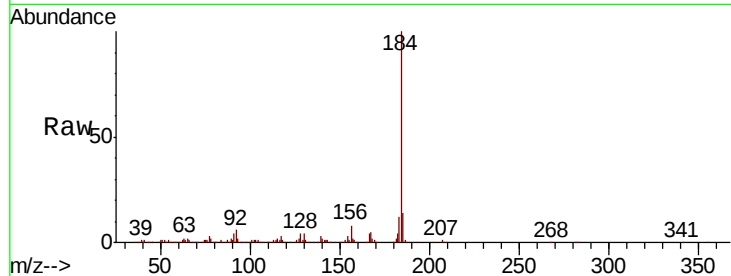
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1314532

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.0
183	11.6	9.5	14.3

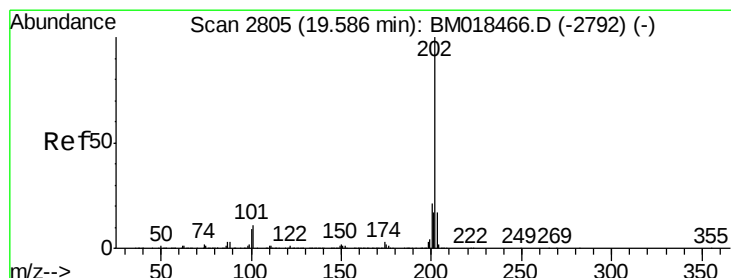
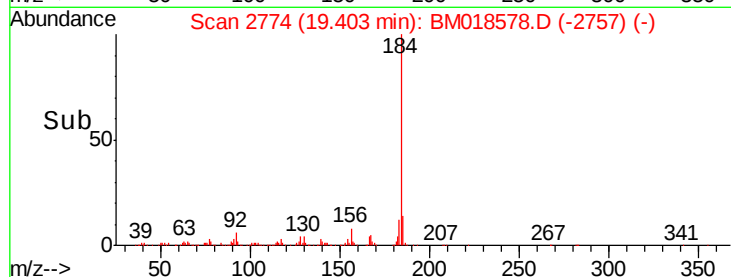
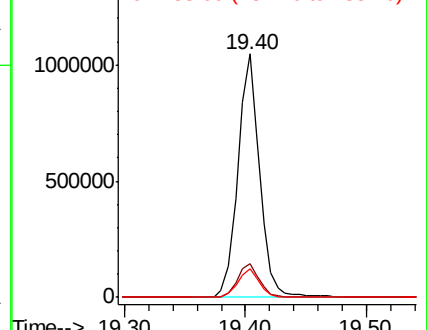


Abundance

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: 41.070 ng

RT: 19.57 min Scan# 2802

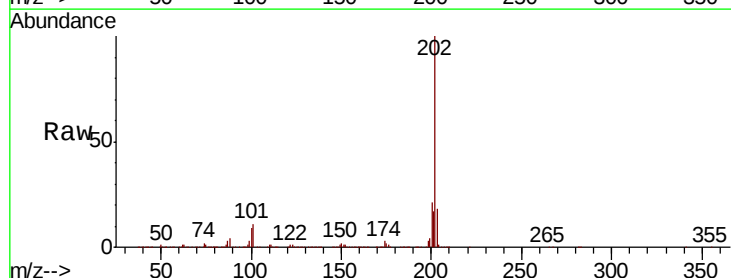
Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Tgt Ion:202 Resp: 2947299

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.6	13.8	20.8

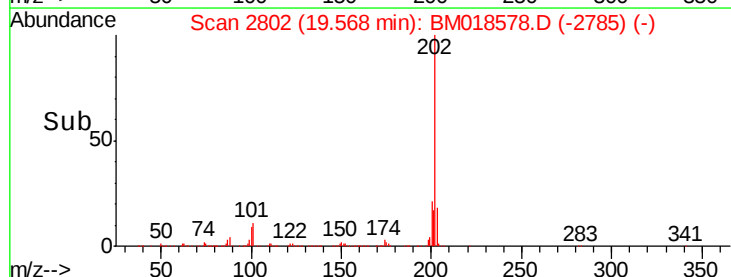
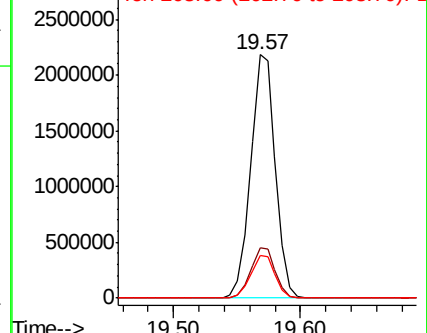


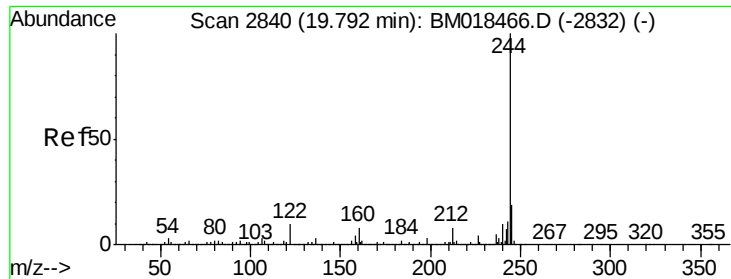
Abundance

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: 85.131 ng

RT: 19.77 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

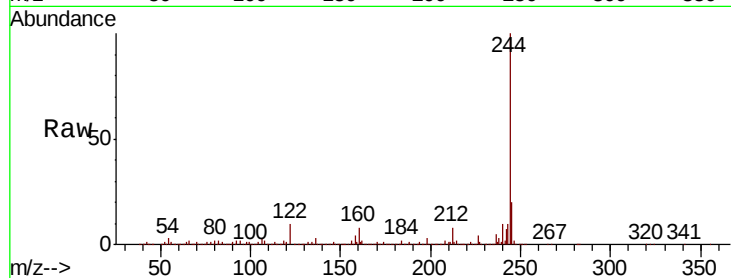
Tot Ion:244 Resp: 4889242

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

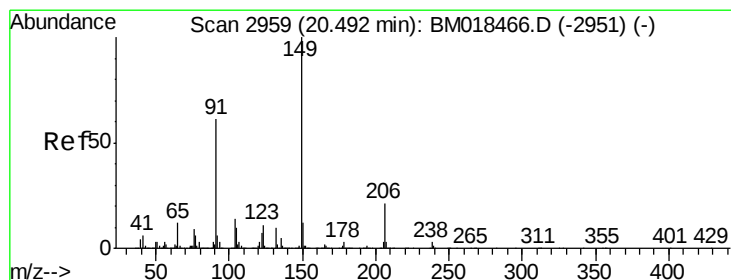
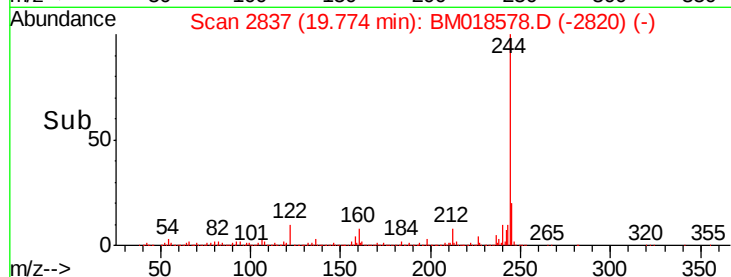
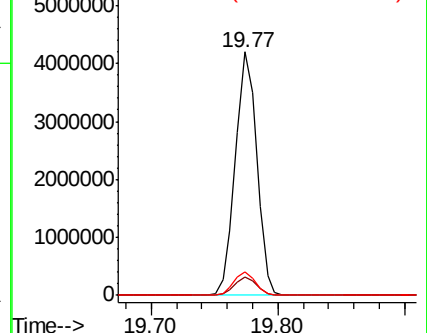
122 9.8 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 44.667 ng

RT: 20.47 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

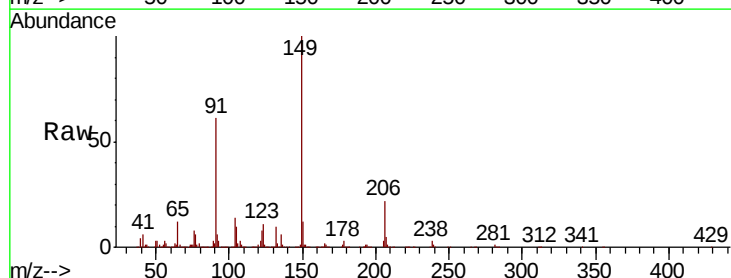
Tgt Ion:149 Resp: 1367795

Ion Ratio Lower Upper

149 100

91 60.8 53.1 79.7

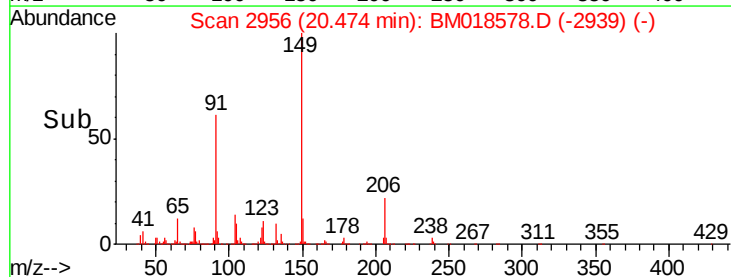
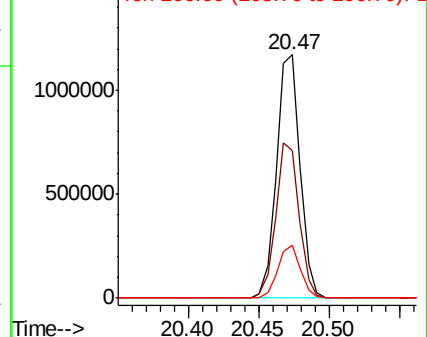
206 21.5 16.2 24.4

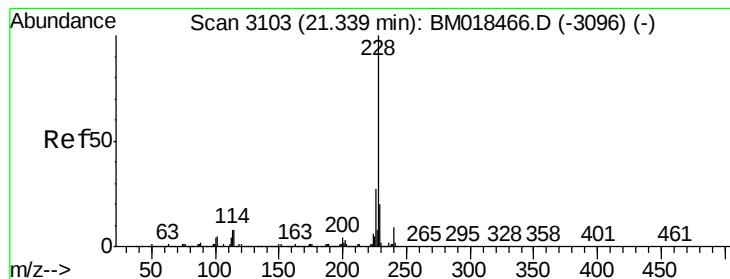


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.663 ng

RT: 21.32 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

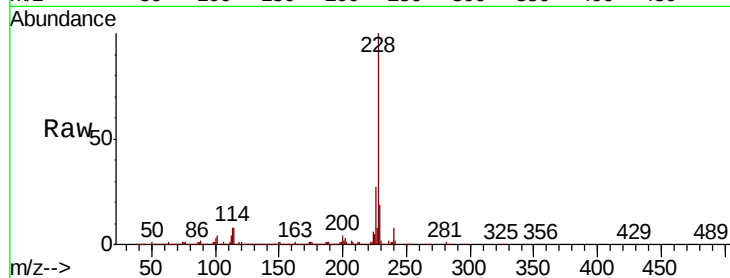
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2828909

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	19.4	15.8	23.8

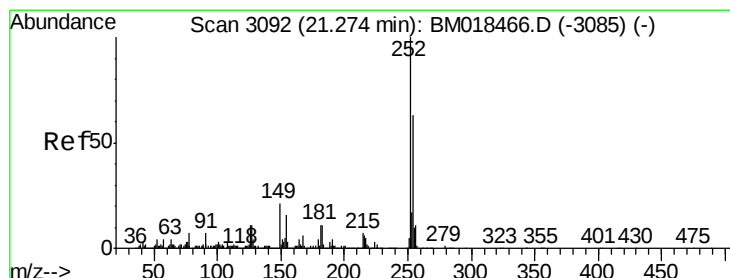
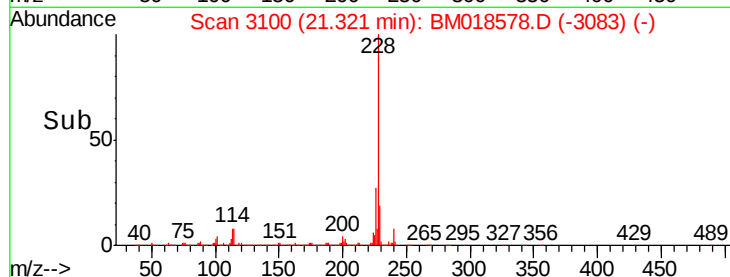
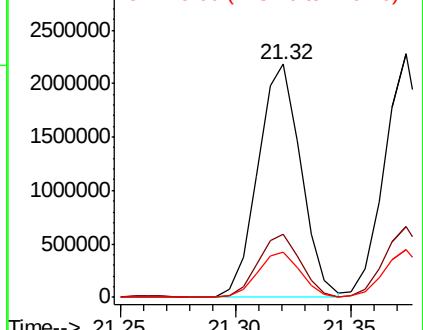


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.672 ng

RT: 21.26 min Scan# 3090

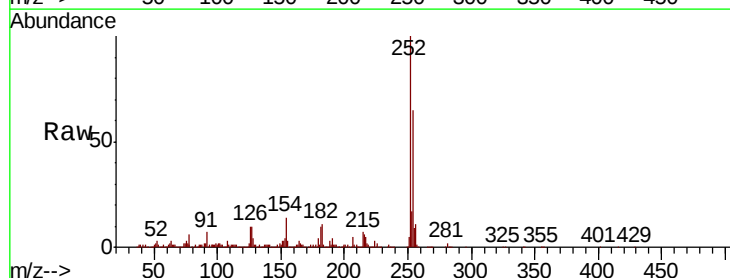
Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Tgt Ion:252 Resp: 1123929

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.4	77.0
126	9.8	8.7	13.1

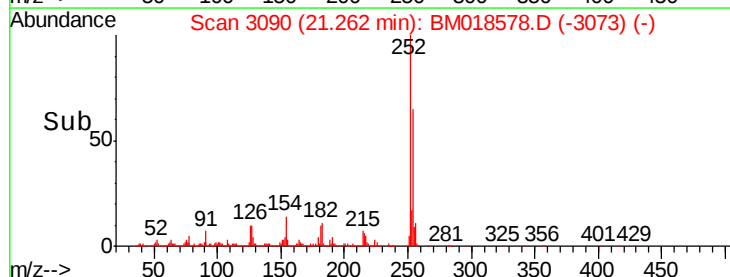
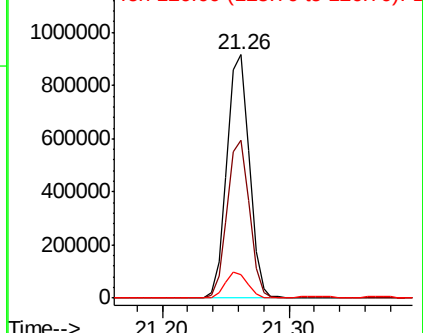


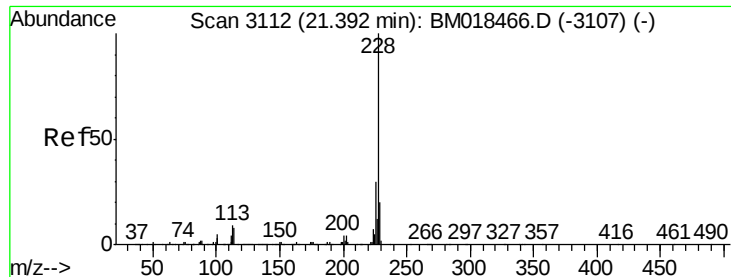
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.312 ng

RT: 21.37 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

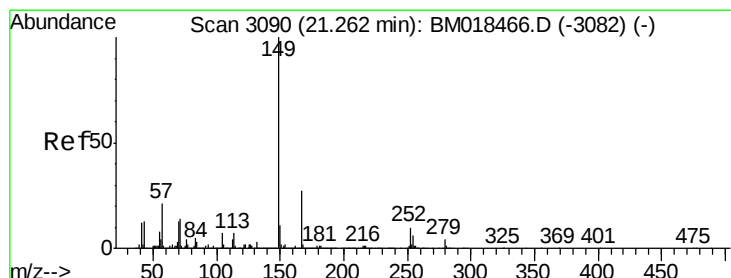
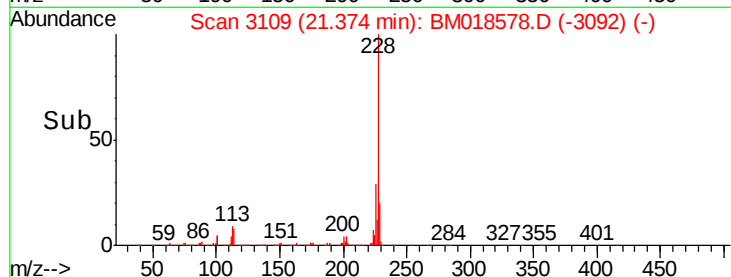
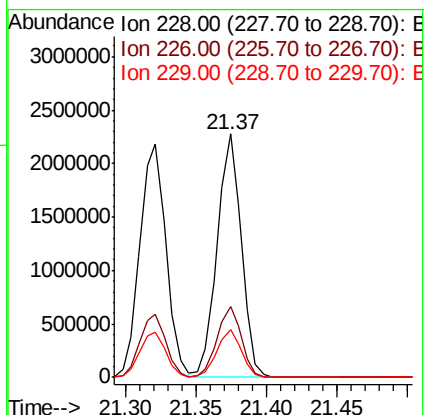
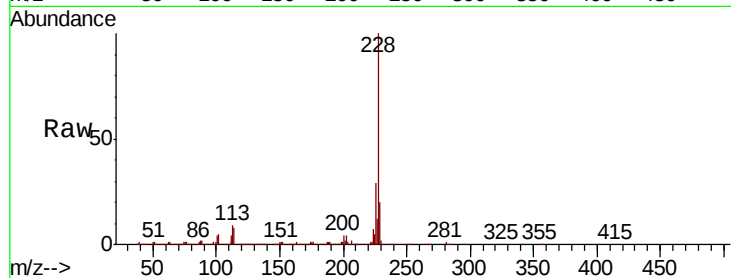
Tot Ion:228 Resp: 2707577

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.2
229	19.5	15.6	23.4

228 100

226 29.3 24.2 36.2

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.084 ng

RT: 21.24 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

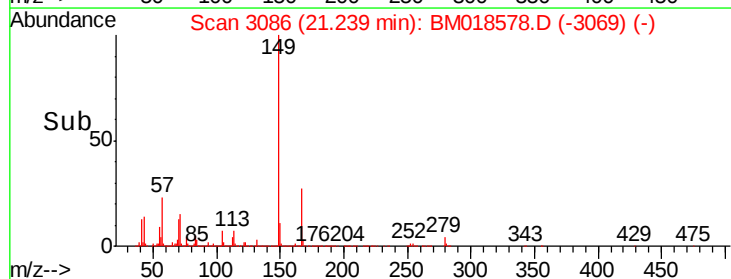
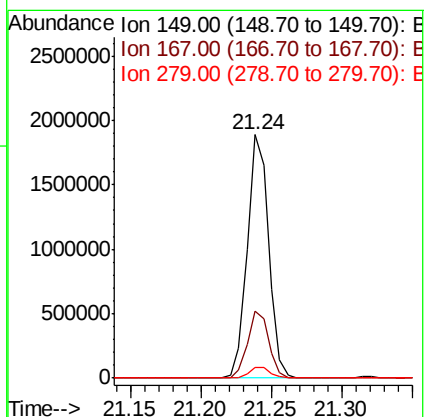
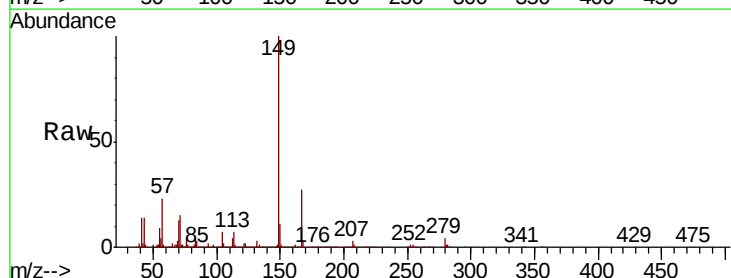
Tgt Ion:149 Resp: 1993566

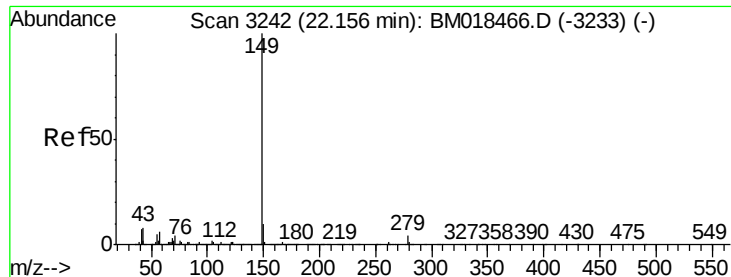
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.6	32.4
279	4.1	3.3	4.9

149 100

167 27.3 21.6 32.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 45.059 ng

RT: 22.13 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

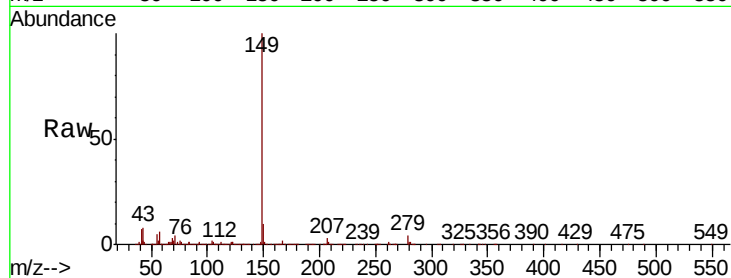
Tot Ion:149 Resp: 3351138

Ion Ratio Lower Upper

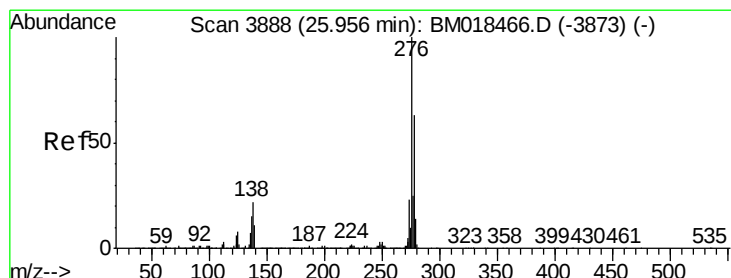
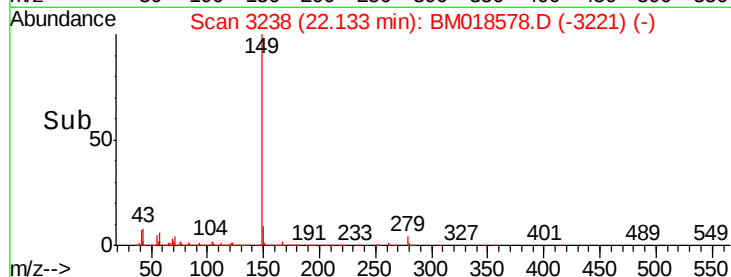
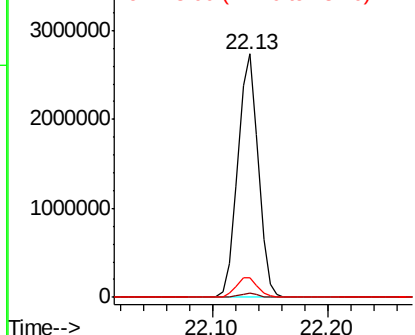
149 100

167 1.6 1.3 1.9

43 8.3 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: 38.283 ng

RT: 25.92 min Scan# 3882

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

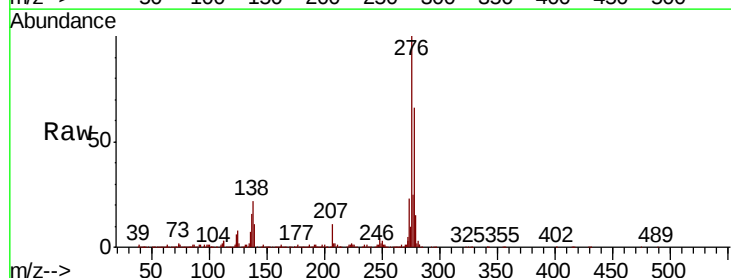
Tgt Ion:276 Resp: 3040401

Ion Ratio Lower Upper

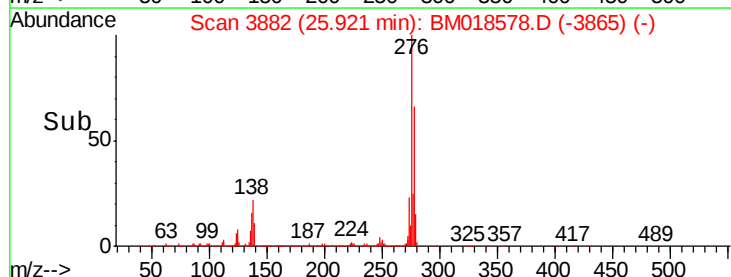
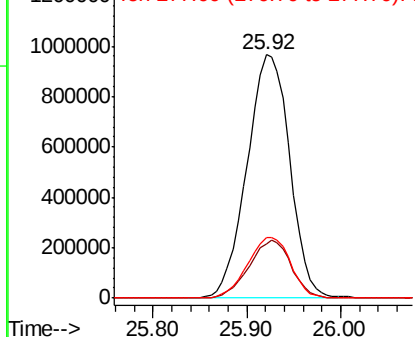
276 100

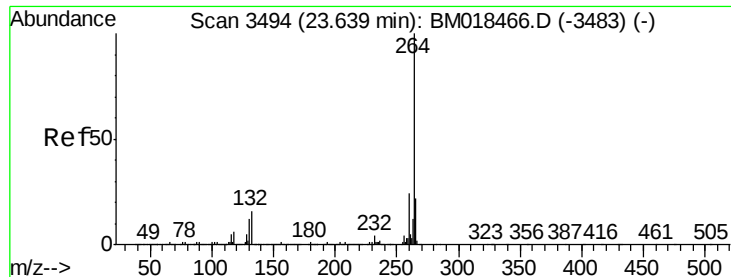
138 23.5 21.5 32.3

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: 20.000 ng

RT: 23.61 min Scan# 3489

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

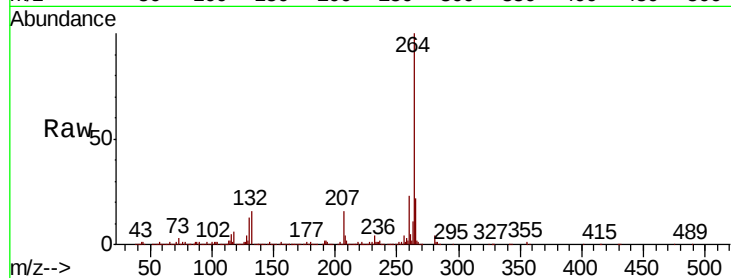
Tot Ion:264 Resp: 1198753

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.1	16.8	25.2

264 100

260 23.4 18.9 28.3

265 22.1 16.8 25.2

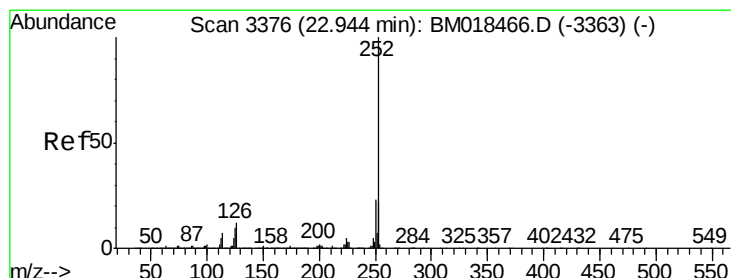
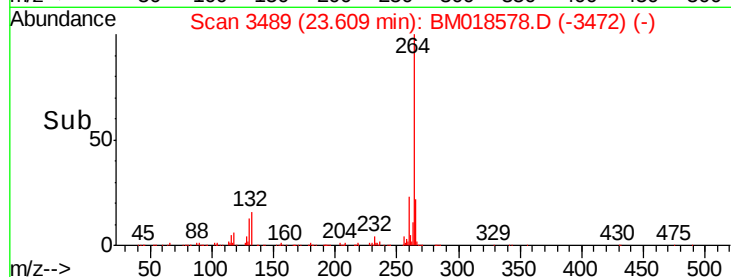
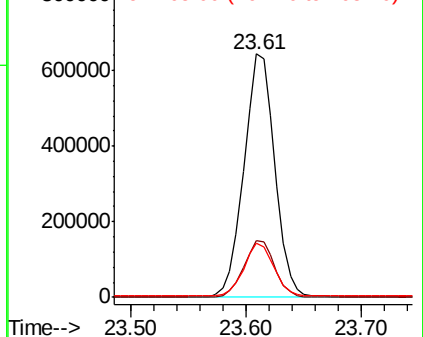


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.802 ng

RT: 22.93 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

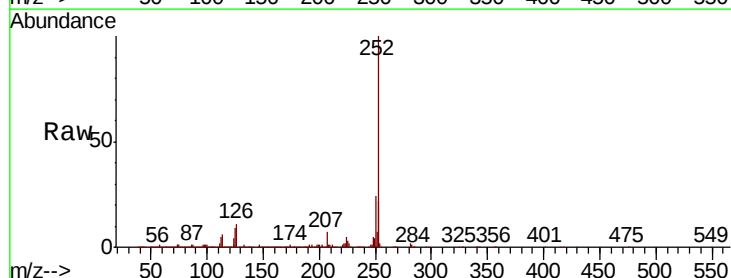
Tgt Ion:252 Resp: 2640676

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	8.6	8.5	12.7

252 100

253 21.7 17.6 26.4

125 8.6 8.5 12.7

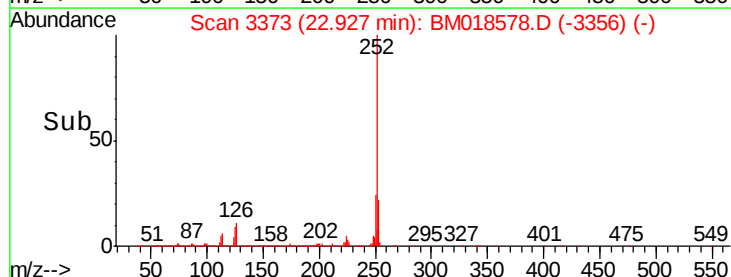
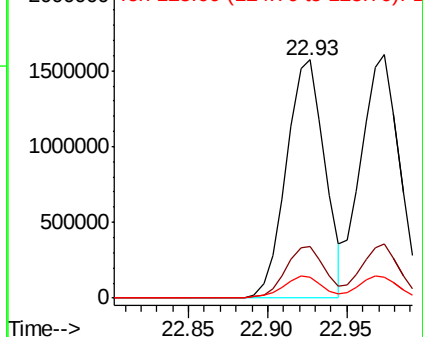


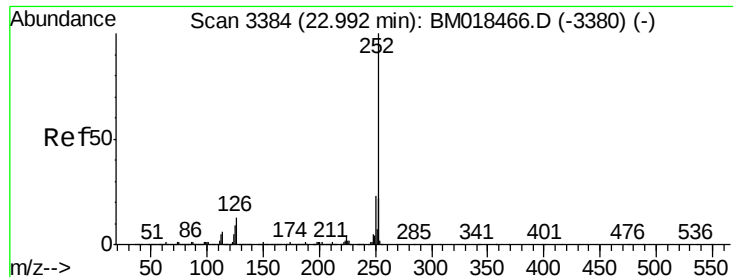
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.553 ng

RT: 22.97 min Scan# 3381

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

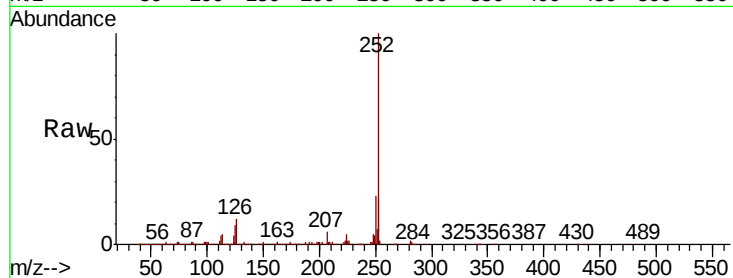
Tot Ion:252 Resp: 2712786

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

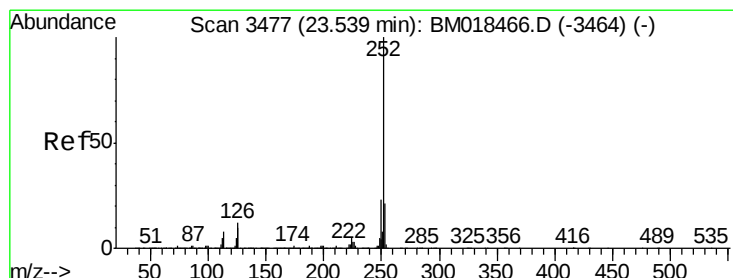
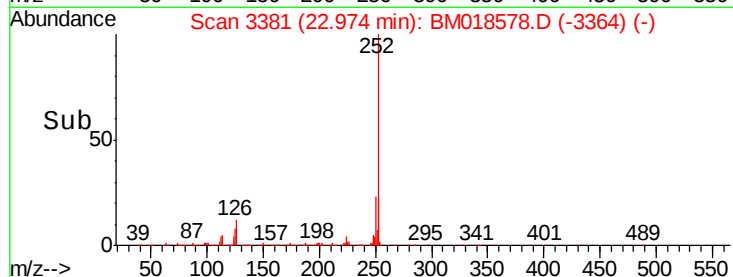
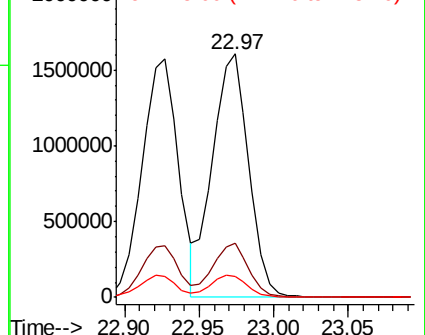
125 8.6 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.551 ng

RT: 23.51 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

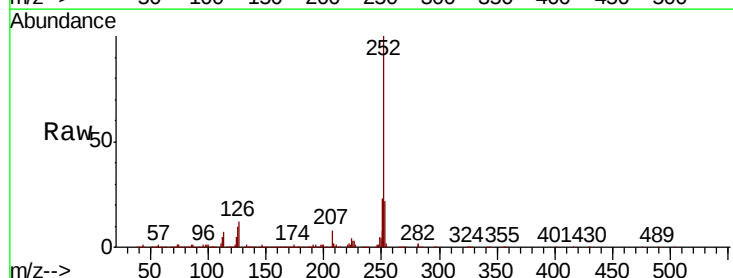
Tgt Ion:252 Resp: 2576904

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

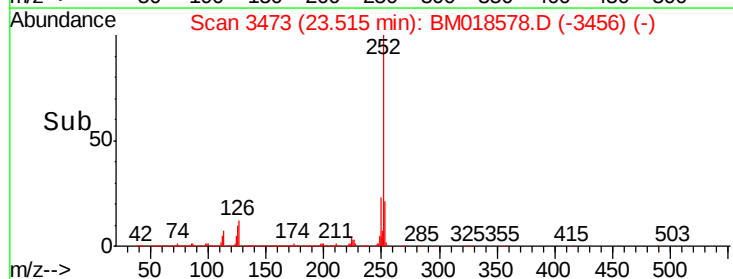
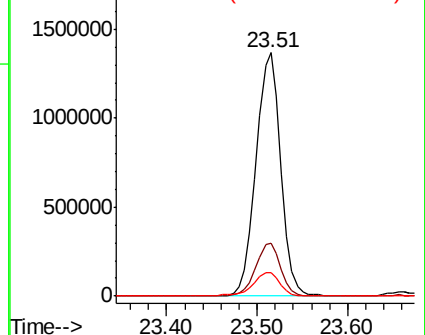
125 9.7 9.7 14.5

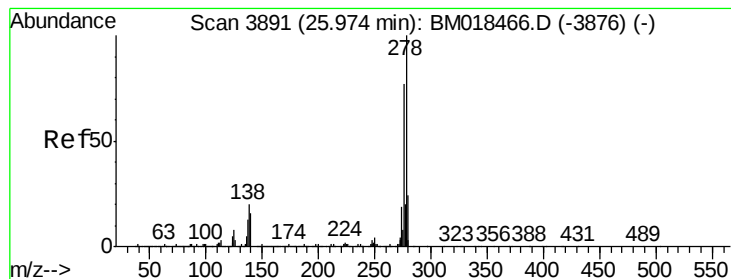


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.987 ng

RT: 25.94 min Scan# 3885

Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Instrument :

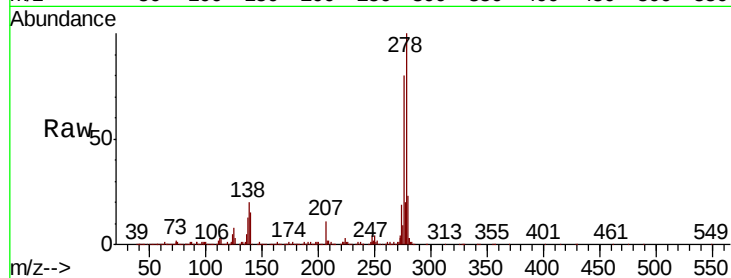
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 2573805

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.2	19.8
279	23.0	19.0	28.4

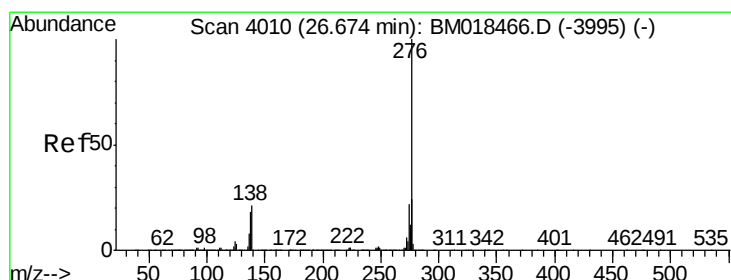
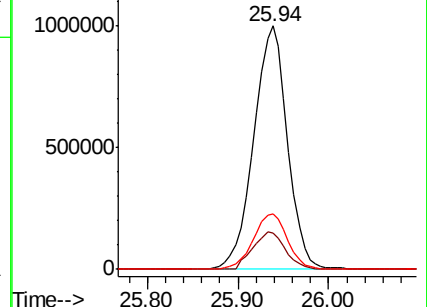
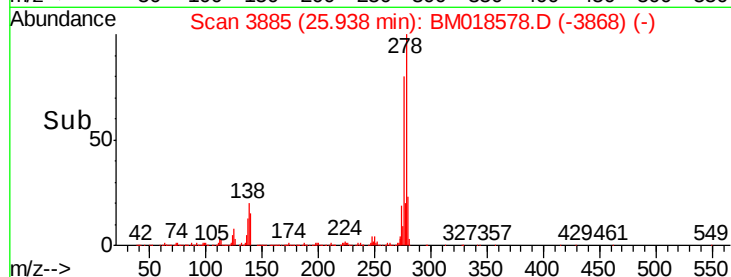


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.879 ng

RT: 26.64 min Scan# 4004

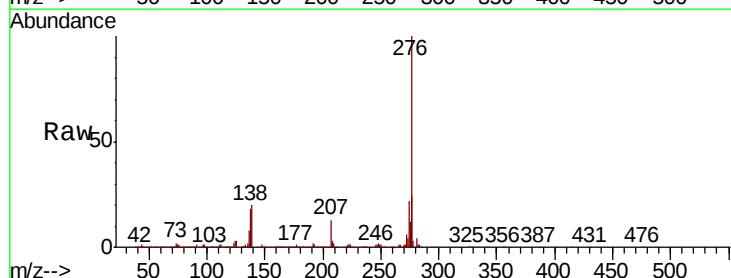
Delta R.T. 0.00 min

Lab File: BM018578.D

Acq: 16 Jan 2019 11:20

Tgt Ion:276 Resp: 2497686

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	20.0	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

