

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019162.D
 Acq On : 14 Mar 2019 10:49
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 14 14:36:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	172195	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	836054	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	527913	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1201160	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1359329	20.00	ng	0.00
87) Perylene-d12	23.50	264	1301586	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	845001	79.47	ng	0.00
7) Phenol-d6	6.83	99	1316714	84.66	ng	-0.01
23) Nitrobenzene-d5	8.83	82	1416880	80.11	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	652962	83.77	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3104026	76.48	ng	-0.01
79) Terphenyl-d14	19.70	244	5304005	77.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	168844	35.696	ng	99
3) Pyridine	3.62	79	555098	43.136	ng	99
4) n-Nitrosodimethylamine	3.54	42	150764	37.685	ng	99
6) Aniline	7.00	93	821425	40.908	ng	99
8) 2-Chlorophenol	7.22	128	525613	41.136	ng	99
9) Benzaldehyde	6.82	77	397800	40.664	ng	99
10) Phenol	6.86	94	721305	43.034	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	515005	40.266	ng	99
12) 1,3-Dichlorobenzene	7.54	146	529797	39.181	ng	99
13) 1,4-Dichlorobenzene	7.69	146	541164	39.256	ng	97
14) 1,2-Dichlorobenzene	8.00	146	530517	39.555	ng	99
15) Benzyl Alcohol	7.91	79	547651	42.546	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	513590	39.327	ng	98
17) 2-Methylphenol	8.10	107	462451	42.340	ng	99
18) Hexachloroethane	8.72	117	201745	39.384	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	530629	41.587	ng	99
20) 3+4-Methylphenols	8.43	107	648908	43.768	ng	99
22) Acetophenone	8.49	105	914027	39.560	ng	# 99
24) Nitrobenzene	8.87	77	737354	40.086	ng	100
25) Isophorone	9.39	82	1352327	40.070	ng	100
26) 2-Nitrophenol	9.57	139	318728	41.802	ng	98
27) 2,4-Dimethylphenol	9.63	122	467681	41.259	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	798900	39.978	ng	99
29) 2,4-Dichlorophenol	10.09	162	542170	43.187	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	555977	39.276	ng	98
31) Naphthalene	10.49	128	1739642	39.478	ng	100
32) Benzoic acid	9.80	122	349973	36.456	ng	97
33) 4-Chloroaniline	10.62	127	765086	42.355	ng	99
34) Hexachlorobutadiene	10.75	225	311100	38.296	ng	98
35) Caprolactam	11.45	113	204235m	45.670	ng	
36) 4-Chloro-3-methylphenol	11.75	107	666638	43.036	ng	99
37) 2-Methylnaphthalene	12.11	142	1292618	40.367	ng	100
38) 1-Methylnaphthalene	12.33	142	1277024	40.460	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	637595	38.181	ng	100

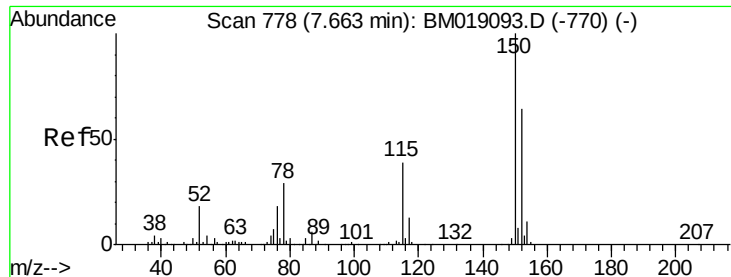
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	311929	41.238	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	441456	40.907	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	477044	41.338	ng	99
46) 1,1'-Biphenyl	13.14	154	1774890	38.498	ng	100
47) 2-Chloronaphthalene	13.18	162	1339524	38.925	ng	100
48) 2-Nitroaniline	13.41	65	486342	42.140	ng	98
49) Acenaphthylene	14.03	152	2294866	39.439	ng	100
50) Dimethylphthalate	13.78	163	1771917	39.236	ng	99
51) 2,6-Dinitrotoluene	13.91	165	399272	40.899	ng	98
52) Acenaphthene	14.37	154	1298266	38.830	ng	99
53) 3-Nitroaniline	14.24	138	416401	40.272	ng	98
54) 2,4-Dinitrophenol	14.46	184	212436	37.470	ng	99
55) Dibenzofuran	14.72	168	2112118	39.171	ng	100
56) 4-Nitrophenol	14.56	139	333680	39.526	ng	98
57) 2,4-Dinitrotoluene	14.70	165	566573	39.981	ng	98
58) Fluorene	15.36	166	1755210	39.492	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	438000	40.770	ng	99
60) Diethylphthalate	15.14	149	1813216	39.644	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	851233	39.434	ng	98
62) 4-Nitroaniline	15.42	138	428029	41.078	ng	99
63) Azobenzene	15.66	77	1965881	40.846	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	278875	35.430	ng	98
66) n-Nitrosodiphenylamine	15.58	169	1517979	39.695	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	521311	39.357	ng	97
68) Hexachlorobenzene	16.36	284	621667	39.477	ng	98
69) Atrazine	16.54	200	515836	40.072	ng	98
70) Pentachlorophenol	16.72	266	368328	38.821	ng	99
71) Phenanthrene	17.11	178	2784517	39.550	ng	99
72) Anthracene	17.20	178	2753803	39.955	ng	100
73) Carbazole	17.48	167	2641276	40.603	ng	99
74) Di-n-butylphthalate	18.03	149	3190381	40.557	ng	100
75) Fluoranthene	19.13	202	3222513	39.889	ng	99
77) Benzidine	19.33	184	1796576	46.602	ng	99
78) Pyrene	19.50	202	3344272	38.884	ng	100
80) Butylbenzylphthalate	20.40	149	1540399	41.121	ng	100
81) Benzo(a)anthracene	21.25	228	3349548	39.277	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	1316899	40.085	ng	99
83) Chrysene	21.30	228	3206255	38.863	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2263486	41.533	ng	100
85) Di-n-octyl phthalate	22.05	149	3908268	42.588	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3366514	37.906	ng	100
88) Benzo(b)fluoranthene	22.83	252	3335446	39.548	ng	99
89) Benzo(k)fluoranthene	22.87	252	3148398	40.586	ng	99
90) Benzo(a)pyrene	23.41	252	2995138	39.517	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2837014	39.129	ng	99
92) Benzo(g,h,i)perylene	26.46	276	2602847	39.102	ng	99

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

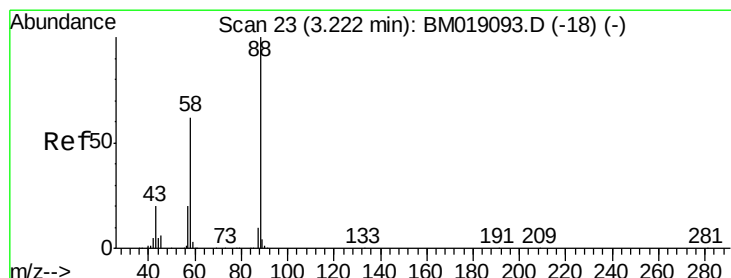
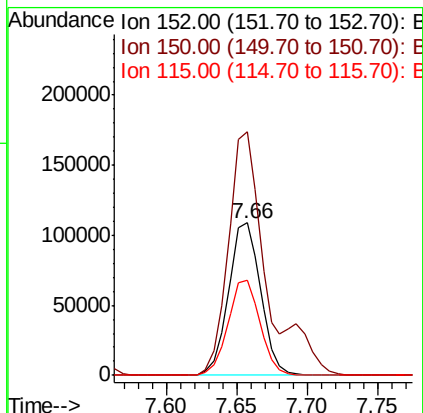
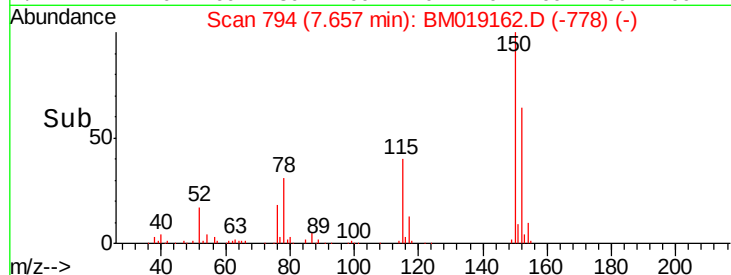
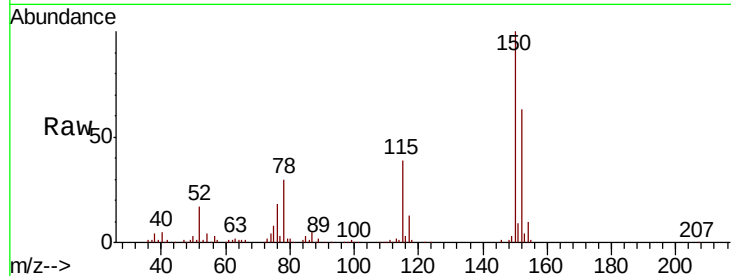


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

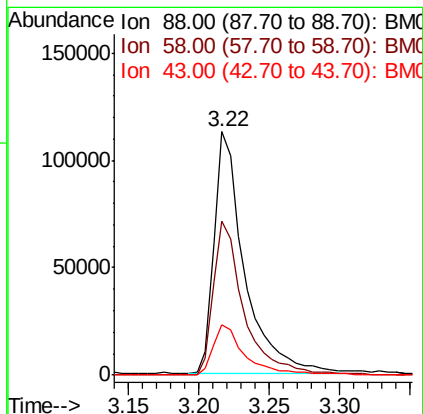
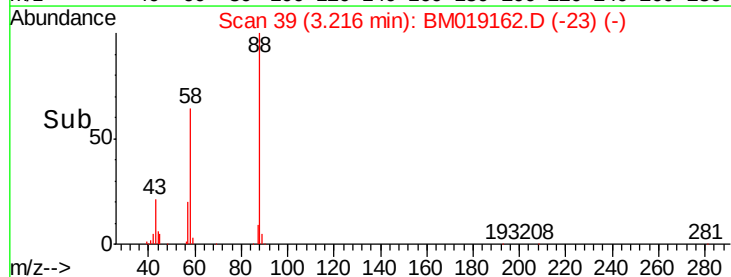
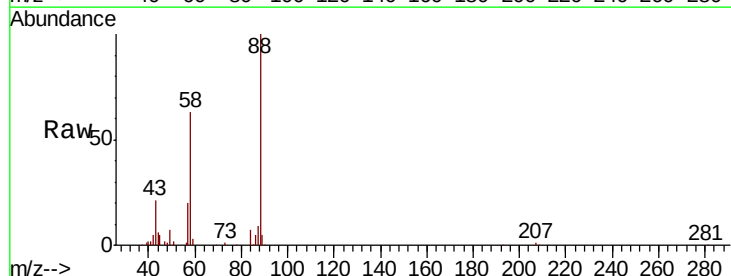
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.3	187.9
115	62.6	49.4	74.0

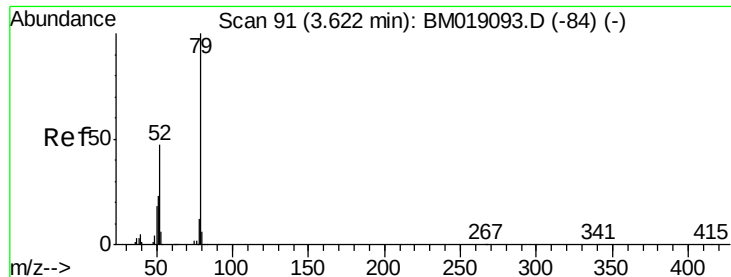


#2

1,4-Dioxane
Concen: 35.696 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.5	50.0	75.0
43	22.1	17.0	25.4





#3

Pvridine

Concen: 43.136 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

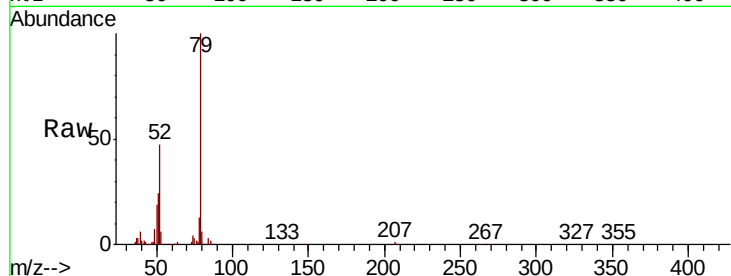
Tot Ion: 79 Resp: 555098

Ion Ratio Lower Upper

79 100

52 47.4 37.5 56.3

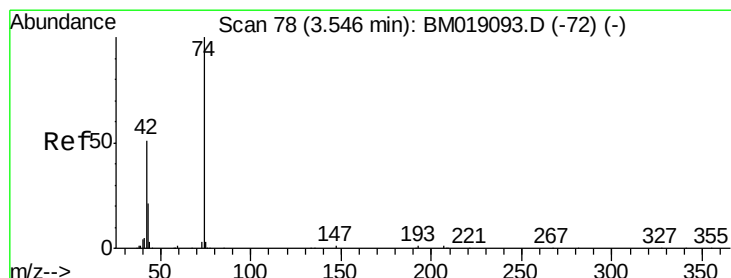
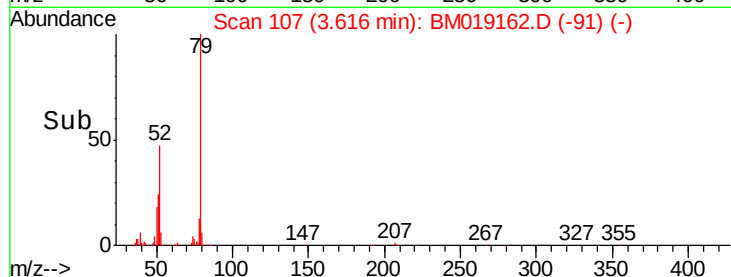
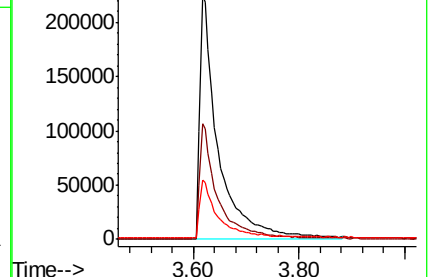
51 24.3 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019093.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 37.685 ng

RT: 3.54 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

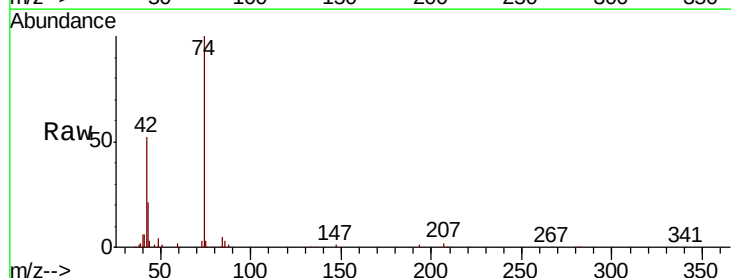
Tgt Ion: 42 Resp: 150764

Ion Ratio Lower Upper

42 100

74 193.5 156.3 234.5

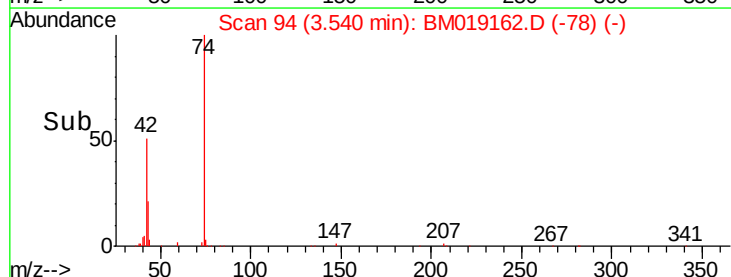
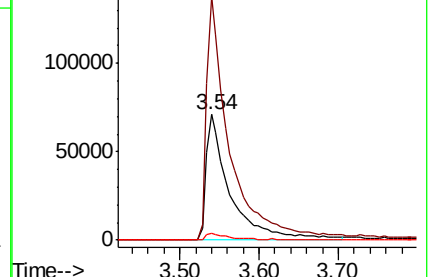
44 5.6 4.6 7.0

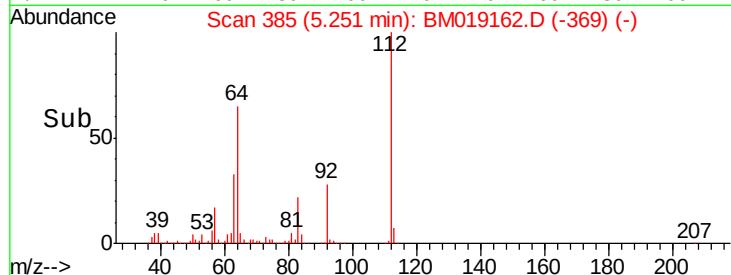
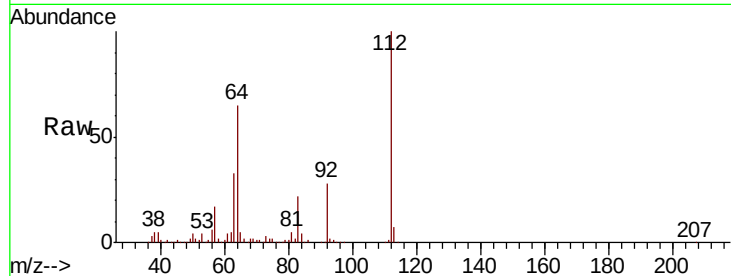
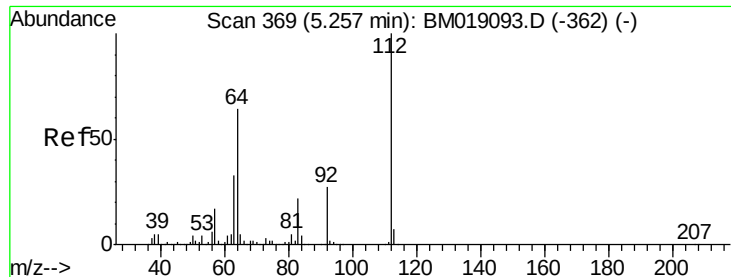


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019093.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 79.472 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

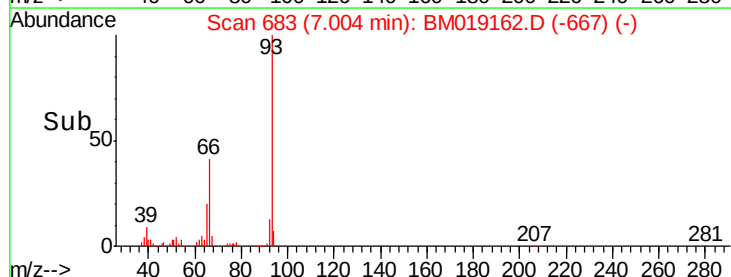
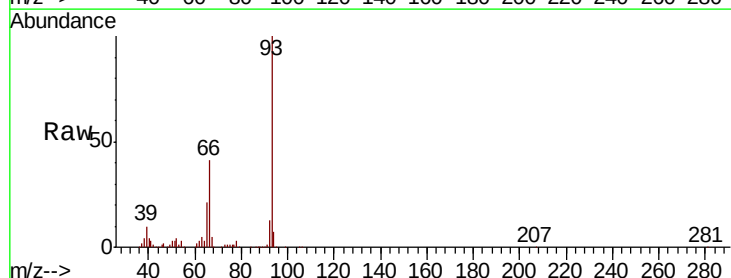
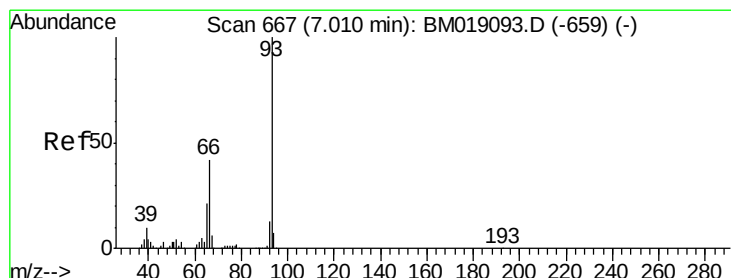
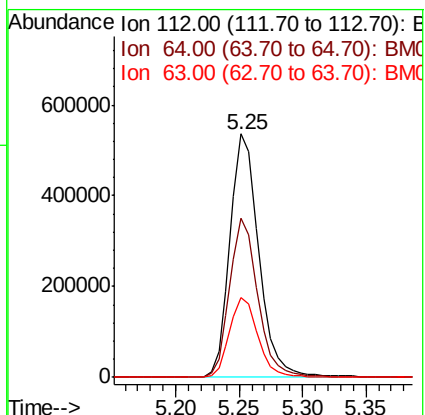
Tot Ion:112 Resp: 845001

Ion Ratio Lower Upper

112 100

64 65.2 51.4 77.0

63 32.6 26.6 40.0



#6

Aniline

Concen: 40.908 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

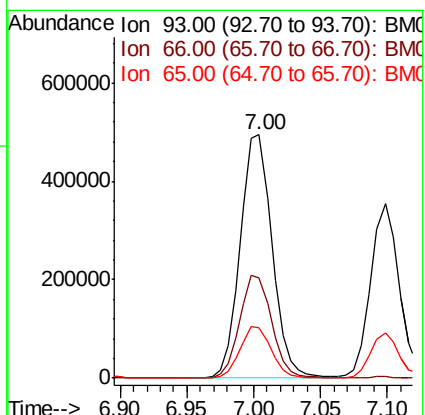
Tgt Ion: 93 Resp: 821425

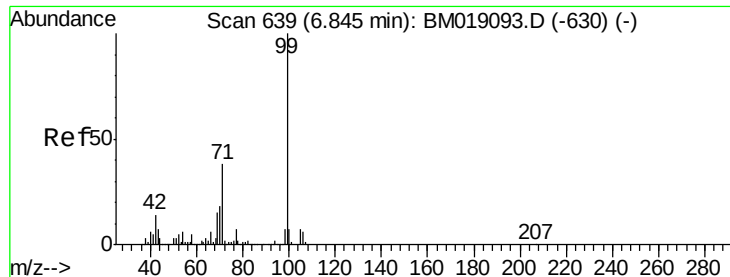
Ion Ratio Lower Upper

93 100

66 41.3 33.4 50.2

65 20.7 16.8 25.2





#7

Phenol-d6

Concen: 84.662 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

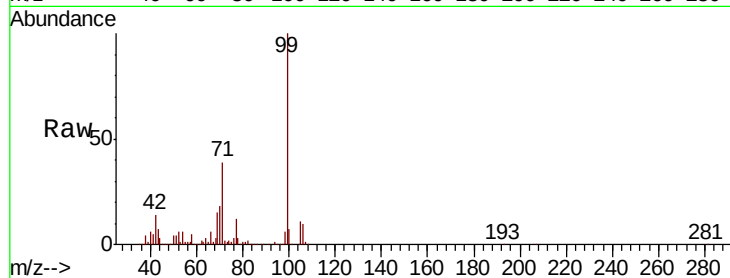
Tot Ion: 99 Resp: 1316714

Ion Ratio Lower Upper

99 100

42 14.3 10.9 16.3

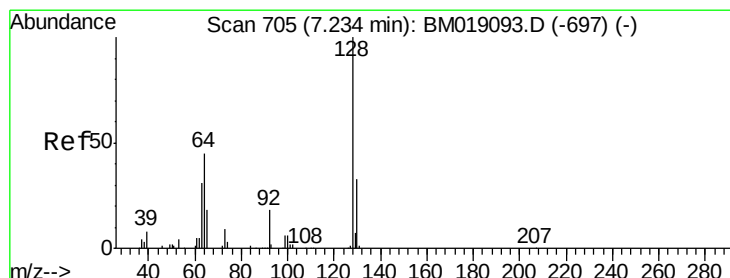
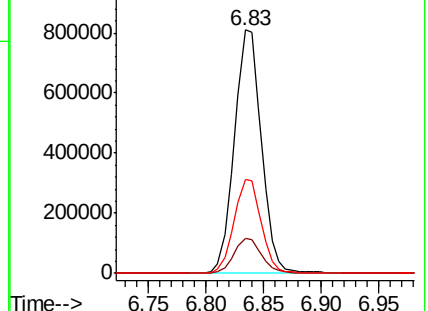
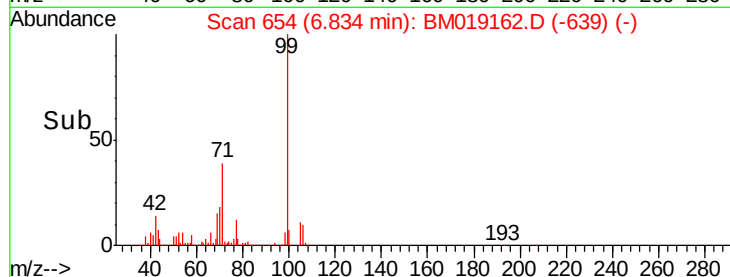
71 38.7 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019162.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019162.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019162.D (-639) (-)



#8

2-Chlorophenol

Concen: 41.136 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

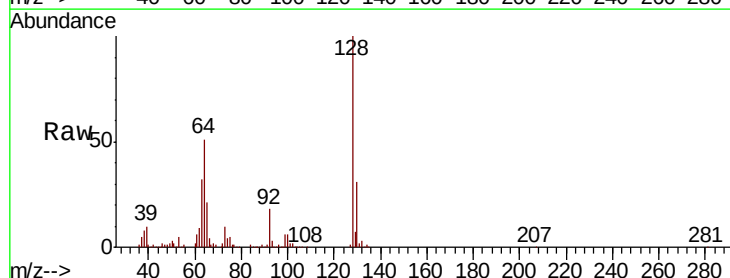
Tgt Ion: 128 Resp: 525613

Ion Ratio Lower Upper

128 100

130 31.5 12.8 52.8

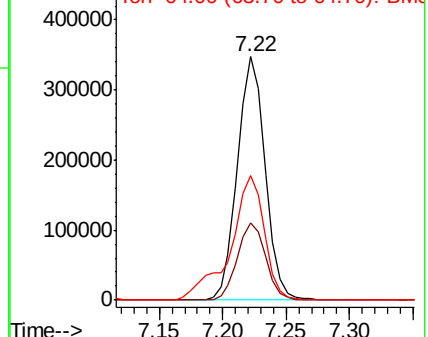
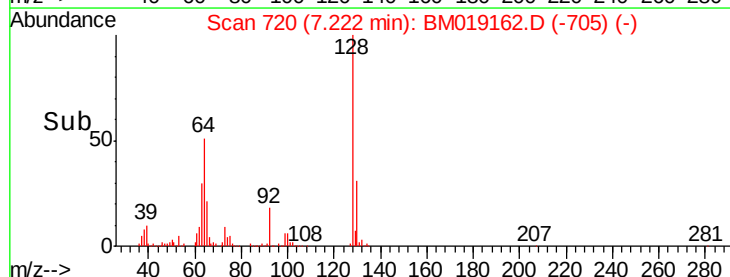
64 51.0 30.8 70.8

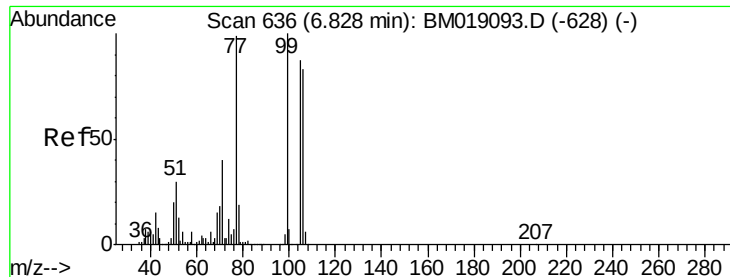


Abundance Ion 128.00 (127.70 to 128.70): BM019162.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM019162.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM019162.D (-705) (-)





#9

Benzaldehyde

Concen: 40.664 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

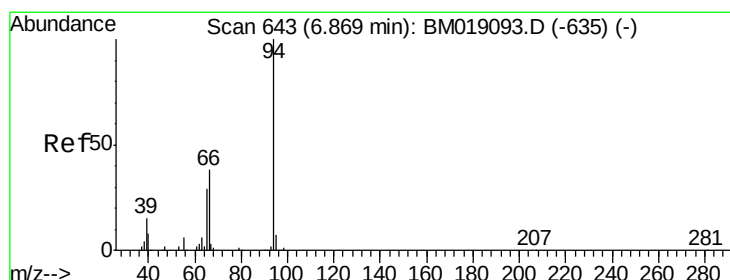
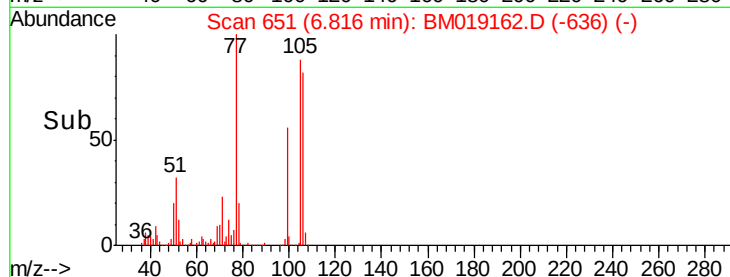
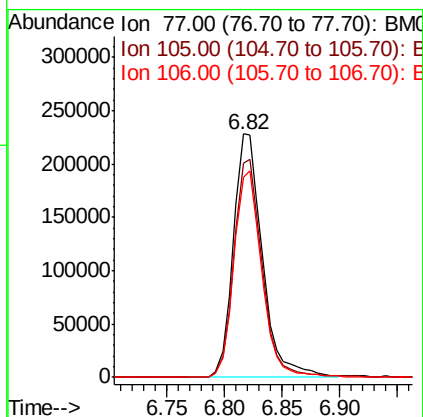
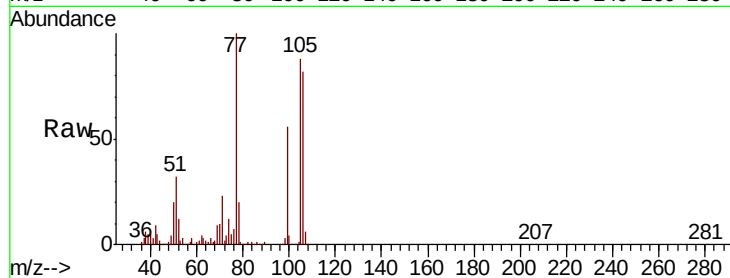
Tot Ion: 77 Resp: 397800

Ion Ratio Lower Upper

77 100

105 87.9 67.7 107.7

106 82.2 64.1 104.1



#10

Phenol

Concen: 43.034 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

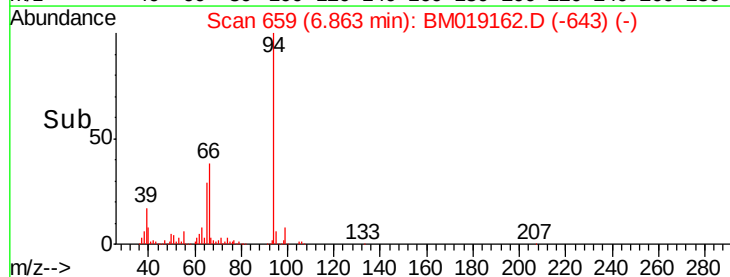
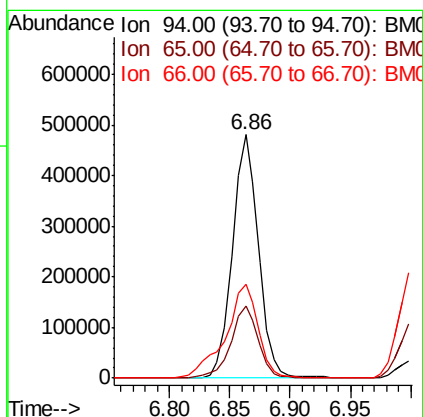
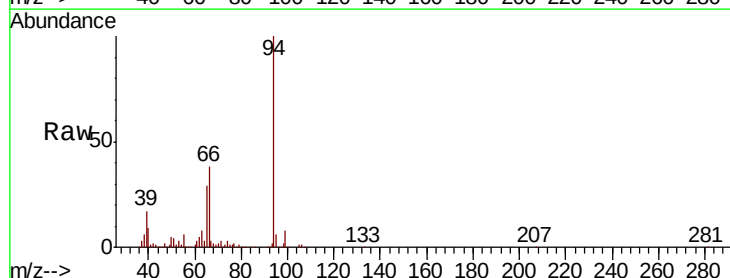
Tgt Ion: 94 Resp: 721305

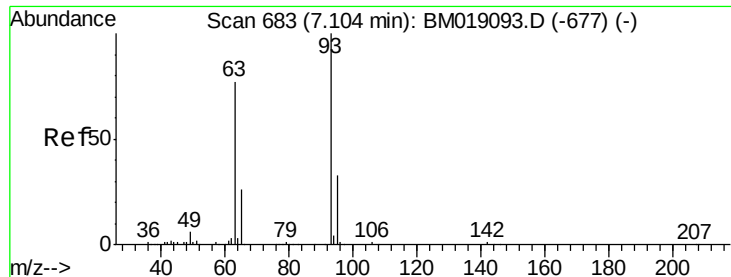
Ion Ratio Lower Upper

94 100

65 29.5 9.7 49.7

66 38.5 19.2 59.2

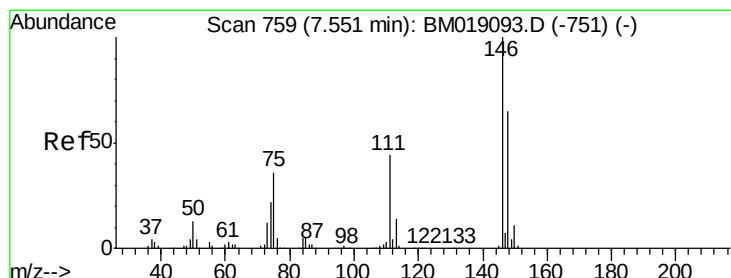
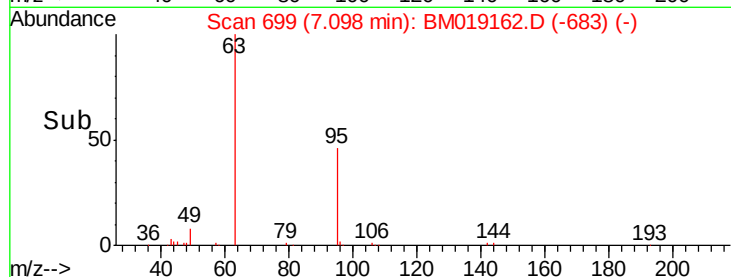
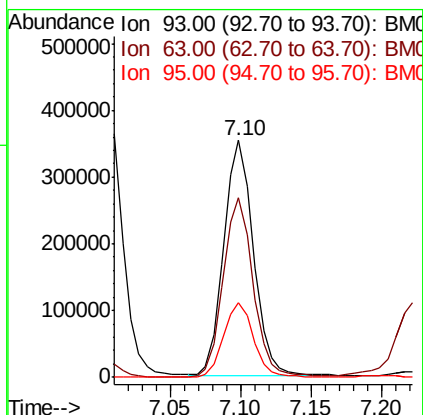
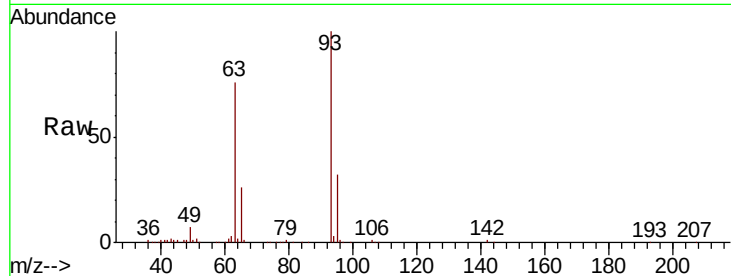




#11
bis(2-Chloroethyl)ether
Concen: 40.266 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

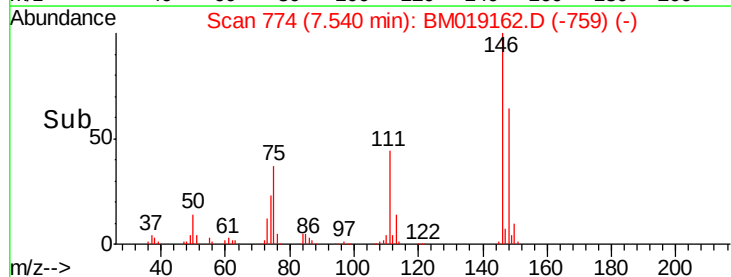
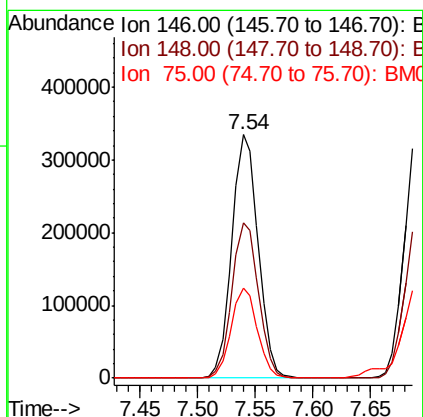
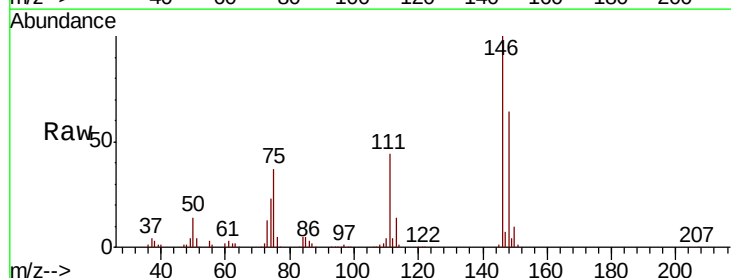
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

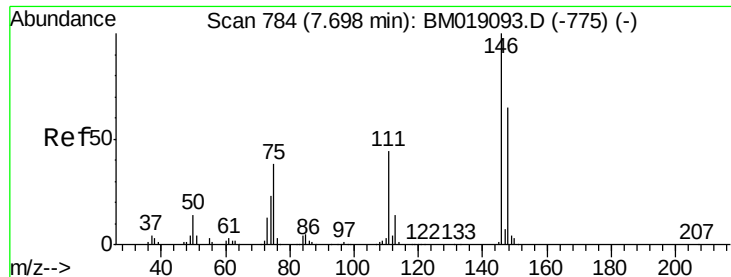
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	56.6	96.6
95	31.7	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 39.181 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.7	77.5
75	37.1	29.1	43.7

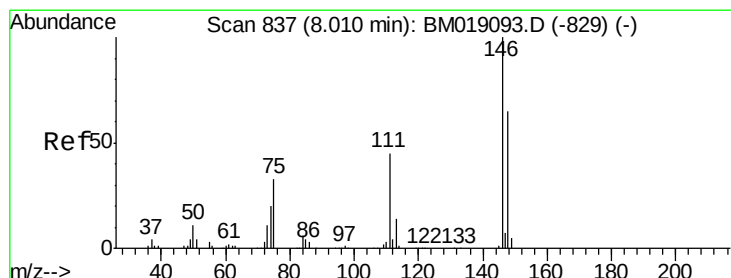
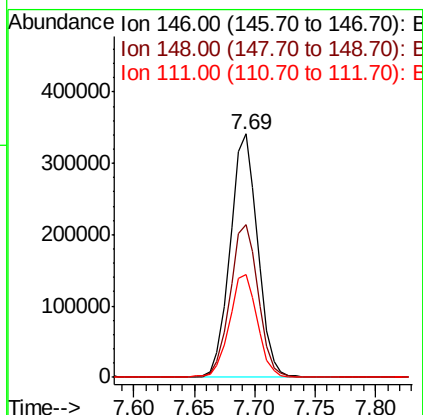
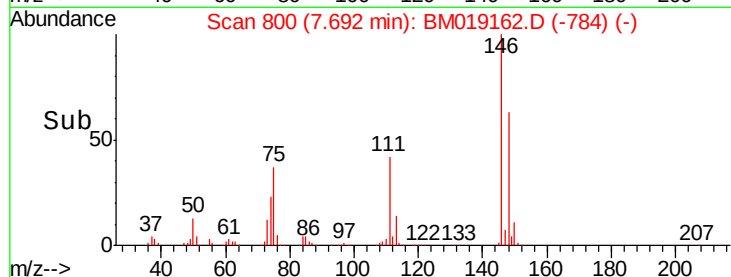
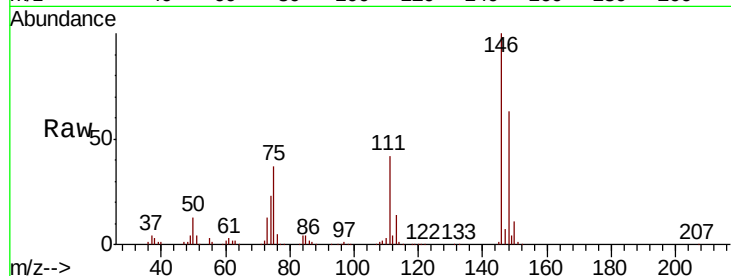




#13
 1,4-Dichlorobenzene
 Concen: 39.256 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

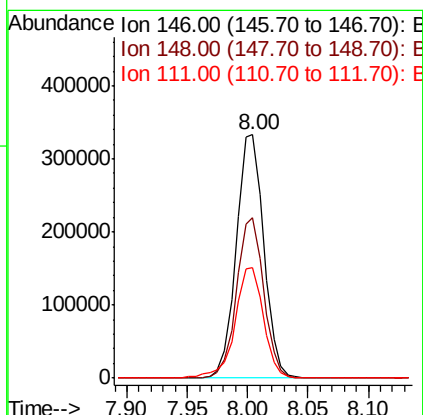
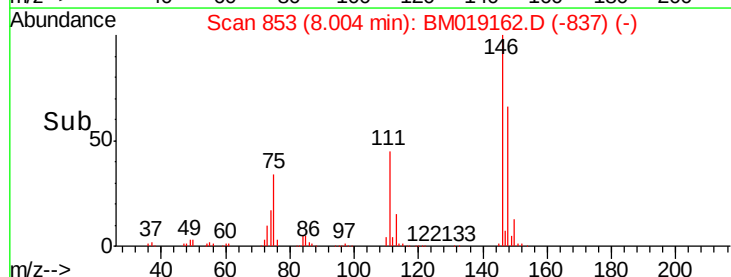
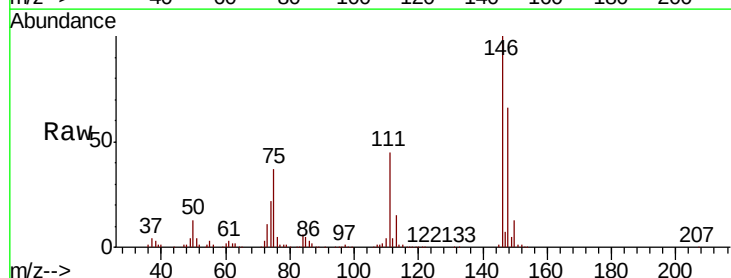
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

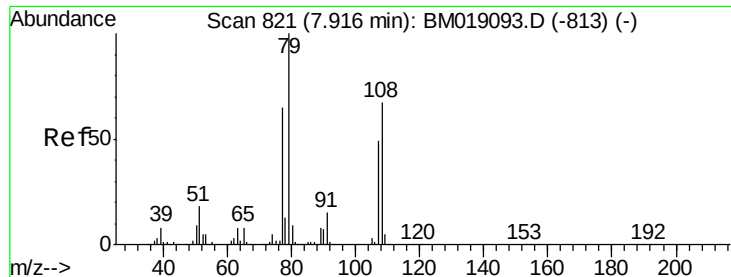
Tot Ion:146 Resp: 541164
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.8 77.6
 111 42.1 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 39.555 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

Tgt Ion:146 Resp: 530517
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.6
 111 45.3 36.2 54.4





#15

Benzyl Alcohol

Concen: 42.546 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

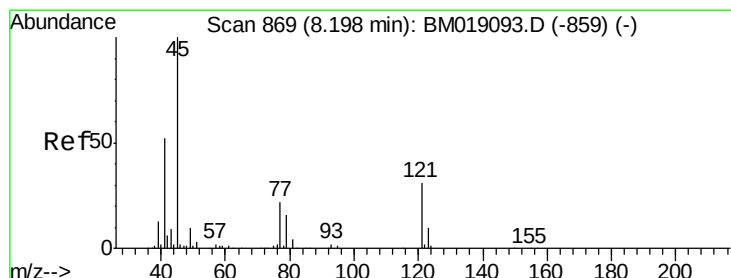
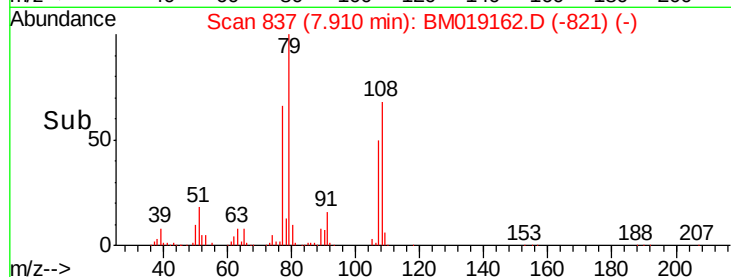
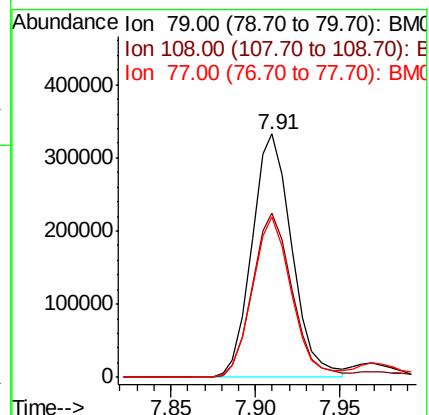
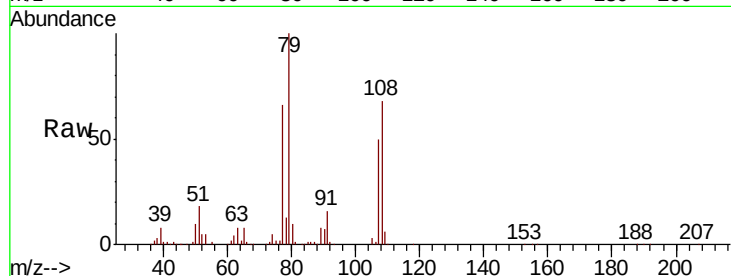
Tot Ion: 79 Resp: 547651

Ion Ratio Lower Upper

79 100

108 67.5 53.7 80.5

77 65.7 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.327 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

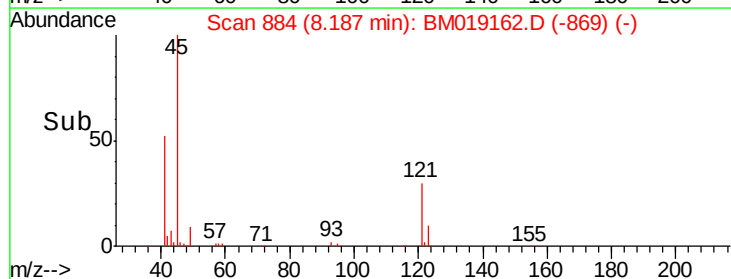
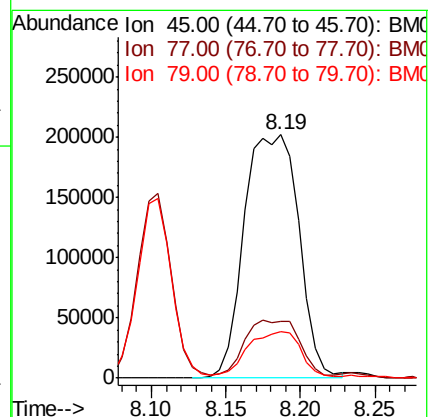
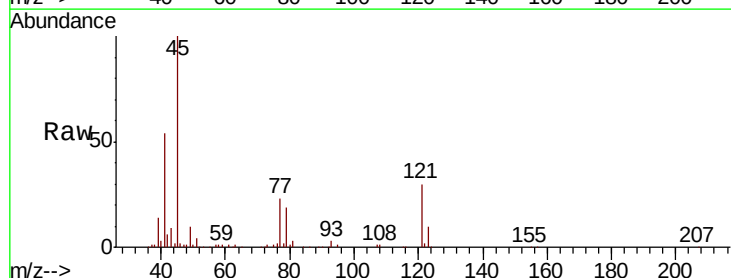
Tgt Ion: 45 Resp: 513590

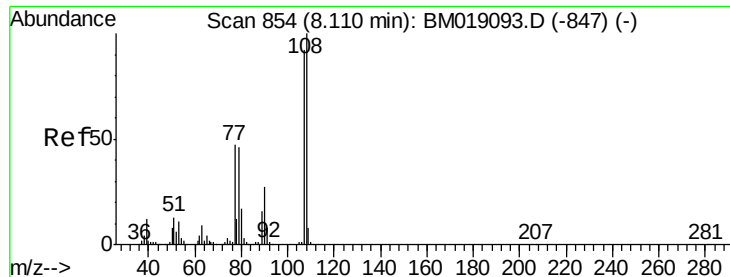
Ion Ratio Lower Upper

45 100

77 23.1 4.1 44.1

79 19.2 0.0 38.1

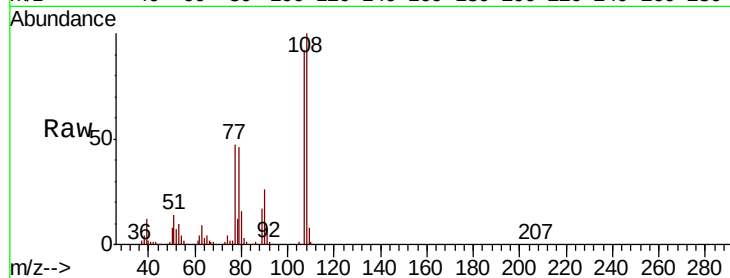




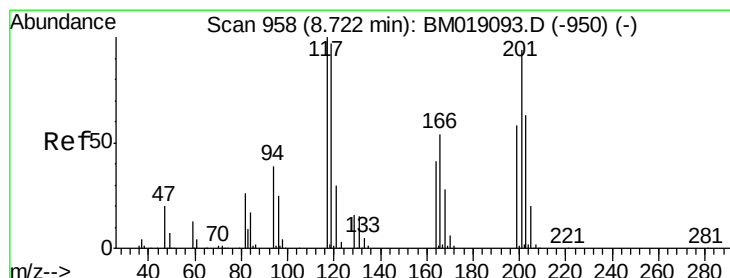
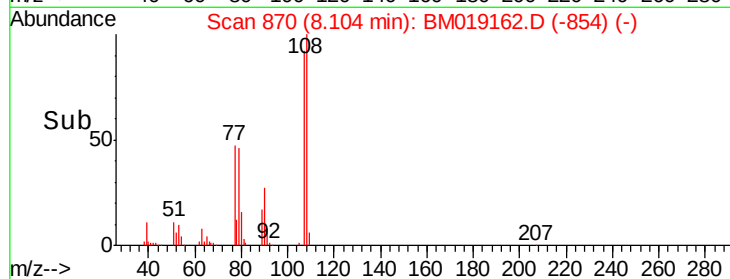
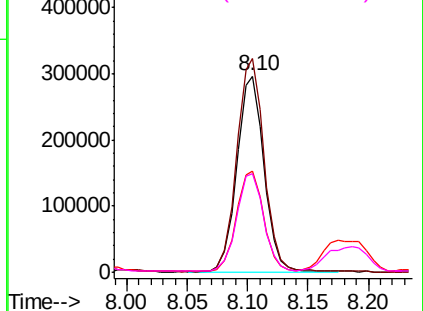
#17
2-Methylphenol
Concen: 42.340 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	462451
Ion	Ratio	Lower	Upper
107	100		
108	108.9	87.4	131.2
77	51.6	41.6	62.4
79	50.2	40.6	60.8

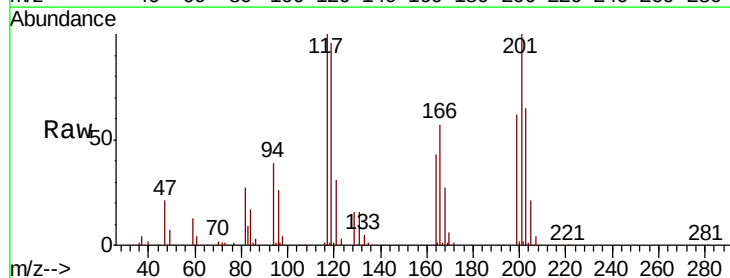


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

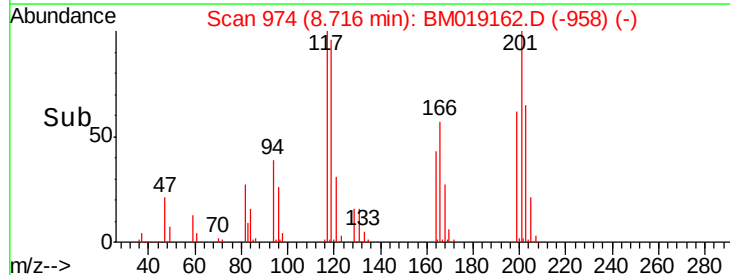
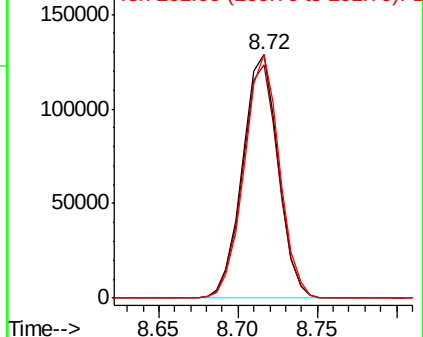


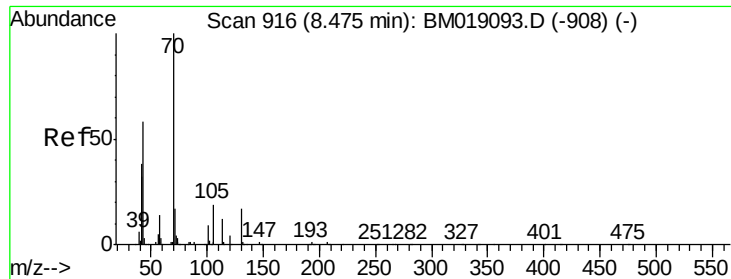
#18
Hexachloroethane
Concen: 39.384 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:	117	Resp:	201745
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.2
201	100.1	75.2	112.8



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

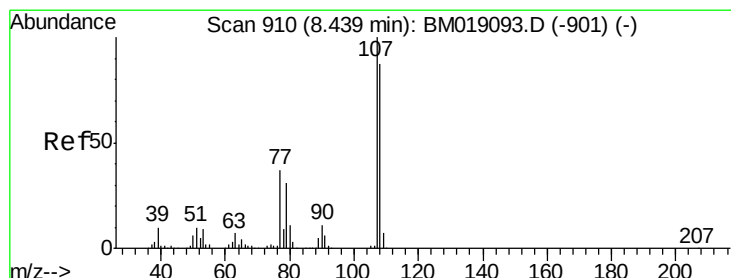
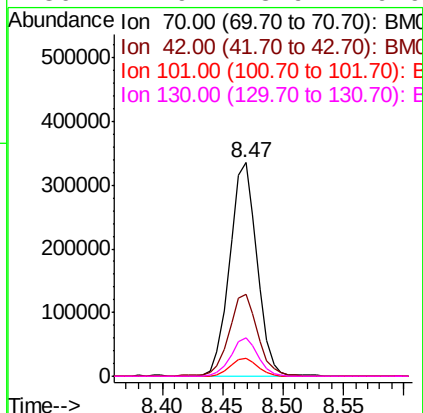
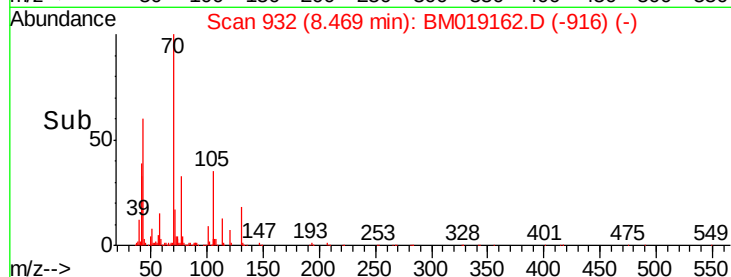
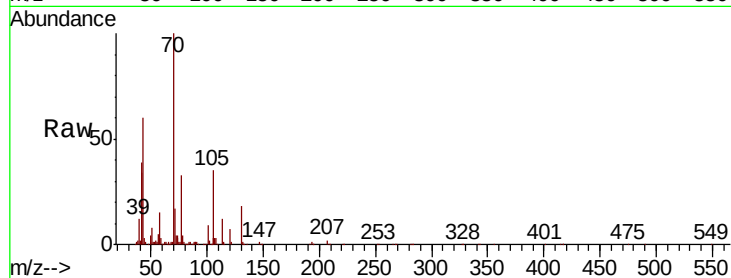




#19
n-Nitroso-di-n-propylamine
Concen: 41.587 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

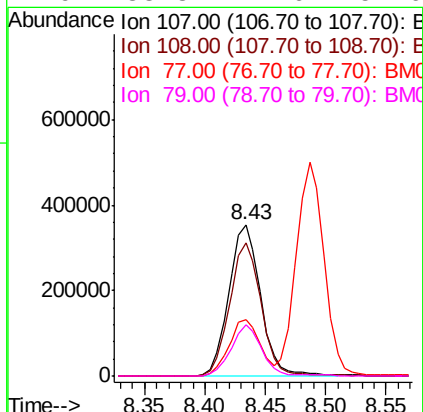
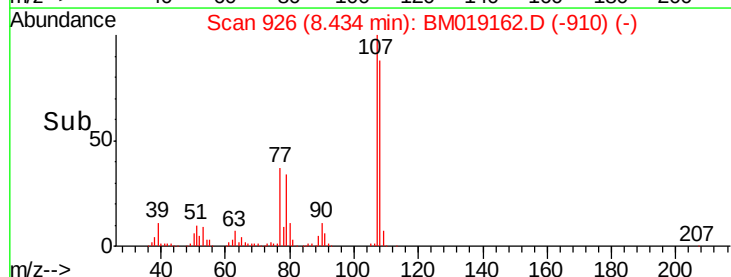
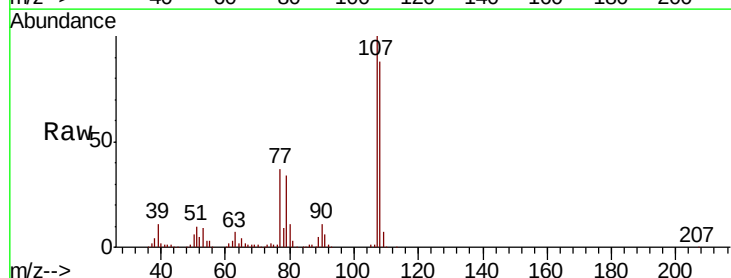
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

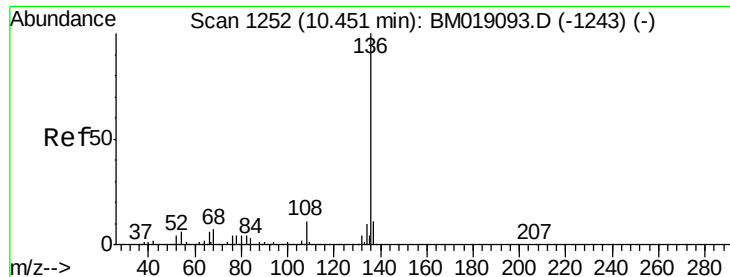
Tot Ion:	70	Resp:	530629
Ion	Ratio	Lower	Upper
70	100		
42	38.6	30.6	45.8
101	8.6	6.8	10.2
130	17.9	13.9	20.9



#20
3+4-Methylphenols
Concen: 43.768 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:	107	Resp:	648908
Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.0	107.0
77	37.1	17.3	57.3
79	33.8	11.6	51.6

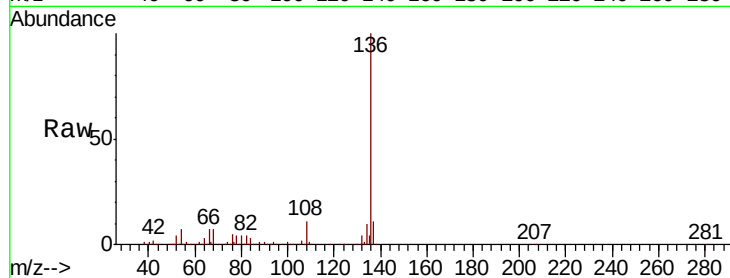




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	836054	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.6	13.0	
54 6.7	5.2	7.8	
68 7.3	5.8	8.8	



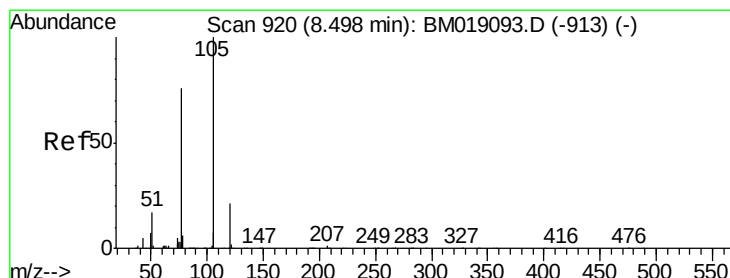
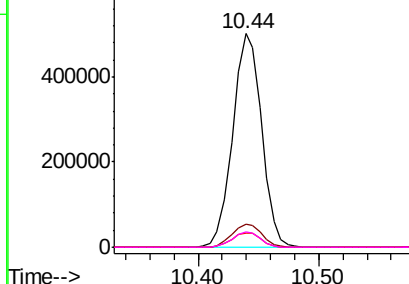
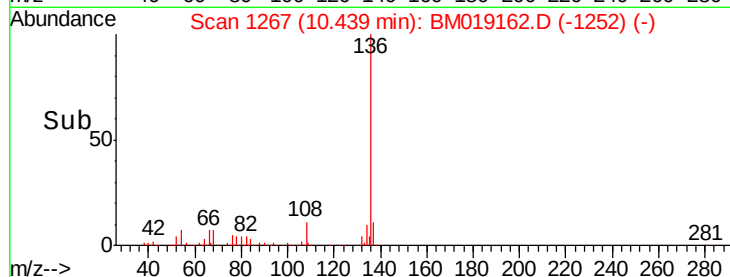
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

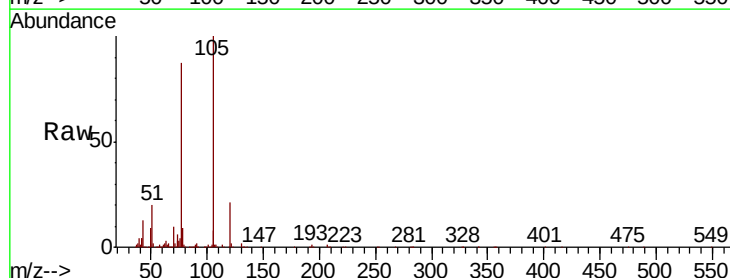
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 39.560 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt	Ion:105	Resp:	914027
Ion	Ratio	Lower	Upper
105	100		
71	1.8	0.8	1.2#
51	20.4	15.8	23.6
120	21.1	17.0	25.4



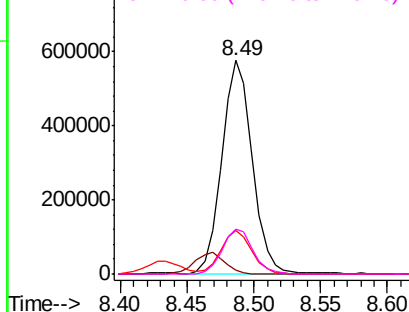
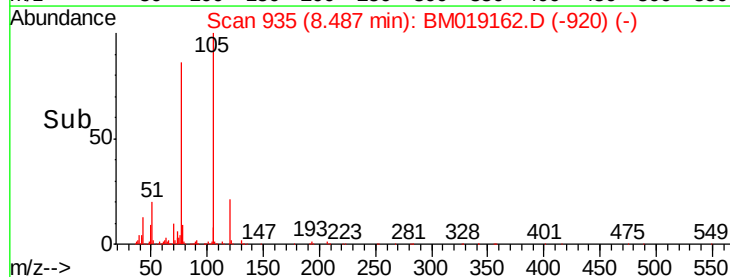
Abundance

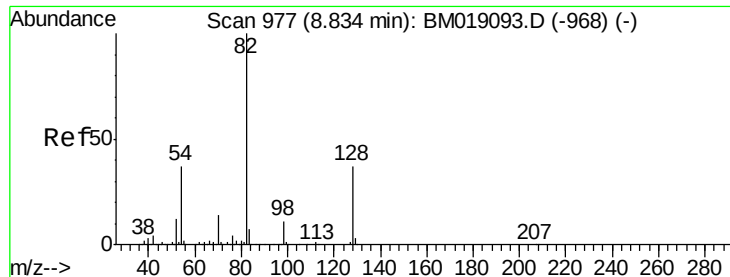
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

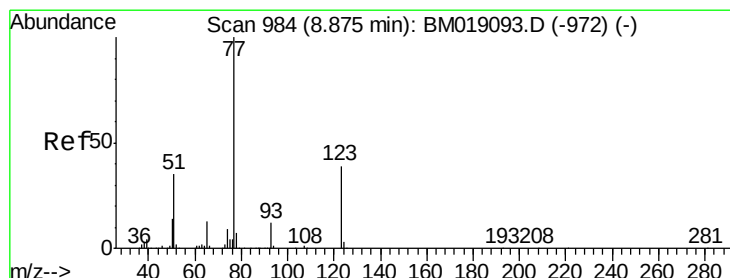
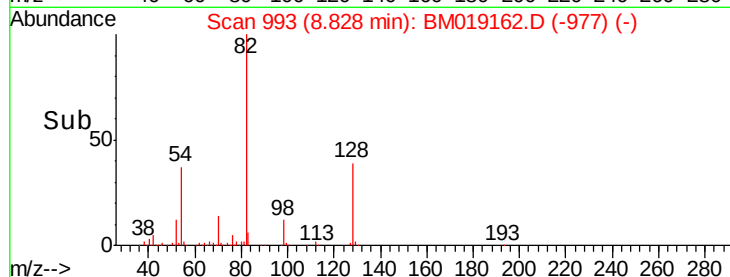
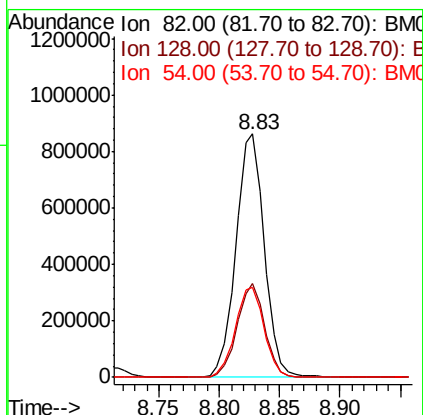
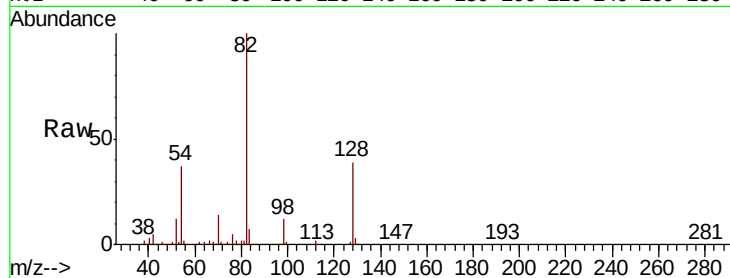




#23
 Nitrobenzene-d5
 Concen: 80.110 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

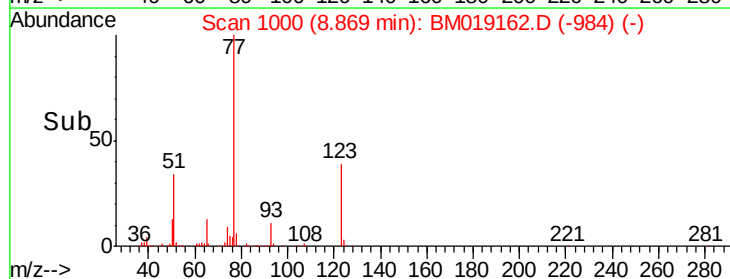
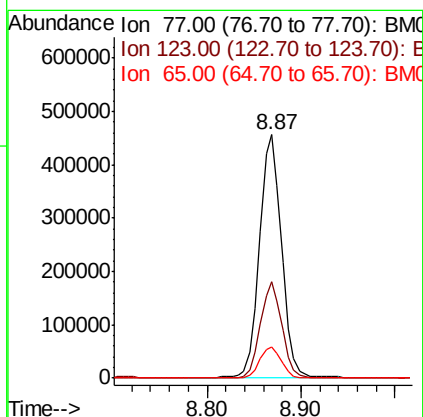
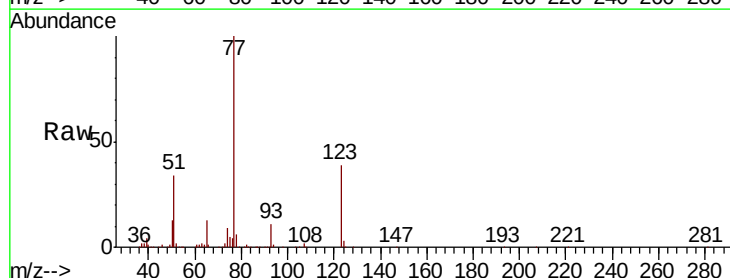
Instrument :
 BNA_M
 ClientSampleID :
 SSTDCCC040

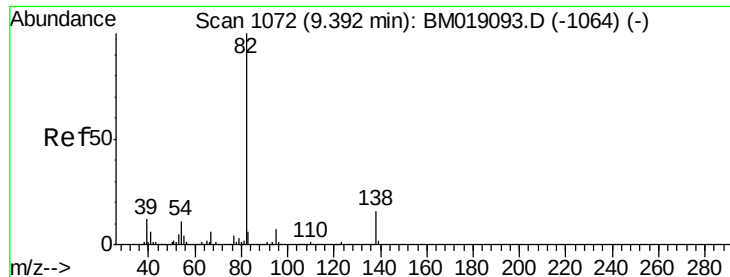
Tot Ion: 82 Resp: 1416880
 Ion Ratio Lower Upper
 82 100
 128 38.5 29.4 44.2
 54 36.9 29.9 44.9



#24
 Nitrobenzene
 Concen: 40.086 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

Tgt Ion: 77 Resp: 737354
 Ion Ratio Lower Upper
 77 100
 123 39.4 31.3 46.9
 65 12.8 10.5 15.7

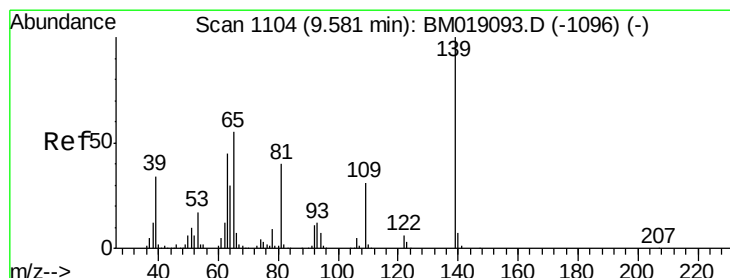
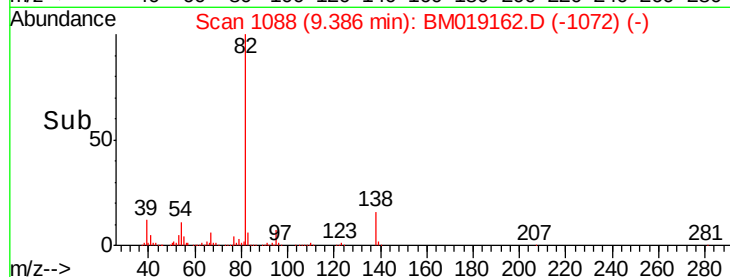
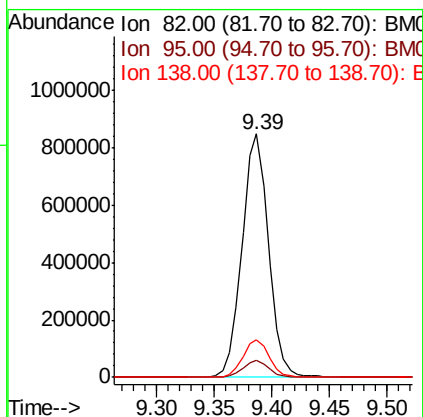
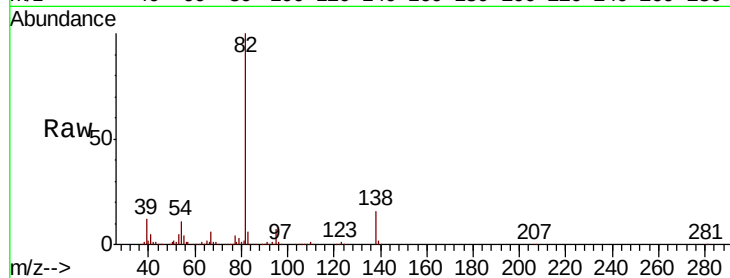




#25
Isophorone
Concen: 40.070 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

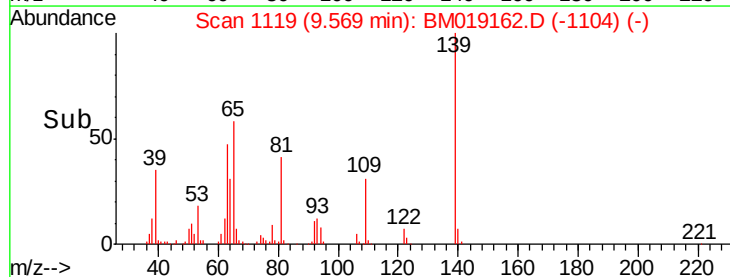
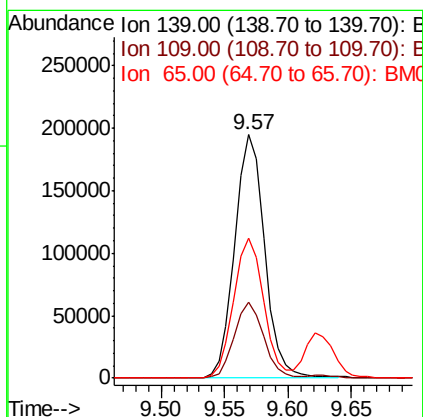
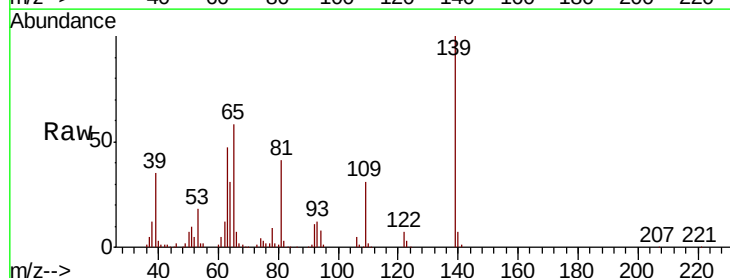
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

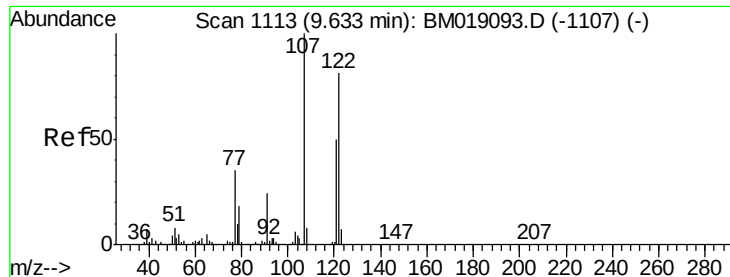
Tot Ion: 82 Resp: 1352327
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 15.6 12.6 18.8



#26
2-Nitrophenol
Concen: 41.802 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion: 139 Resp: 318728
Ion Ratio Lower Upper
139 100
109 31.4 24.5 36.7
65 57.5 44.4 66.6





#27

2,4-Dimethylphenol

Concen: 41.259 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

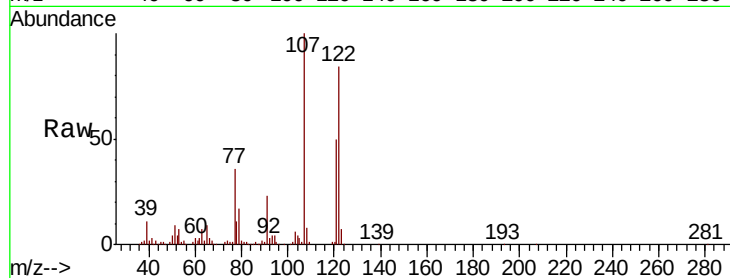
Tot Ion:122 Resp: 467681

Ion Ratio Lower Upper

122 100

107 119.2 98.2 147.4

121 59.3 48.8 73.2

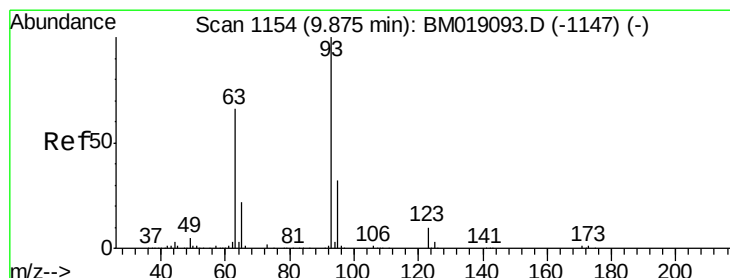
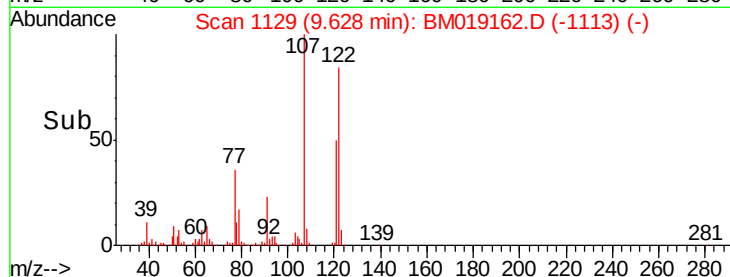
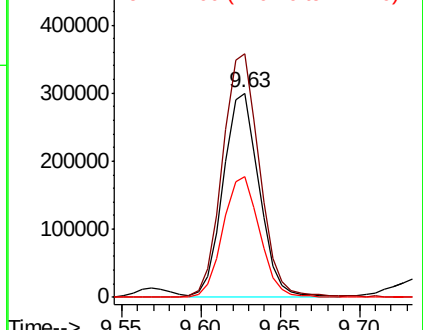


Abundance

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: 39.978 ng

RT: 9.87 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

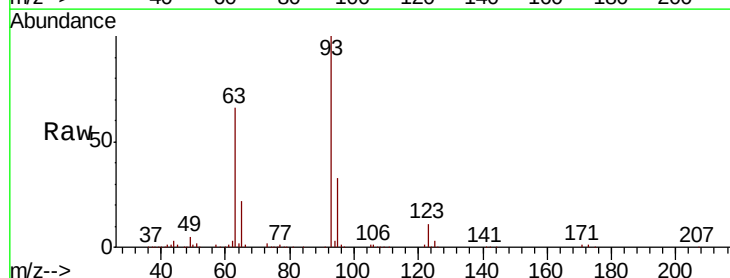
Tgt Ion: 93 Resp: 798900

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

123 10.7 7.9 11.9

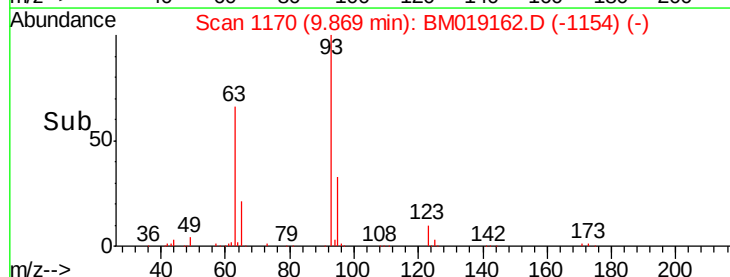
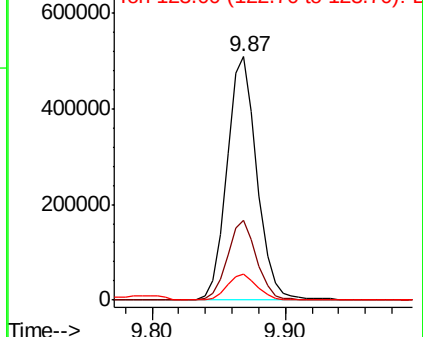


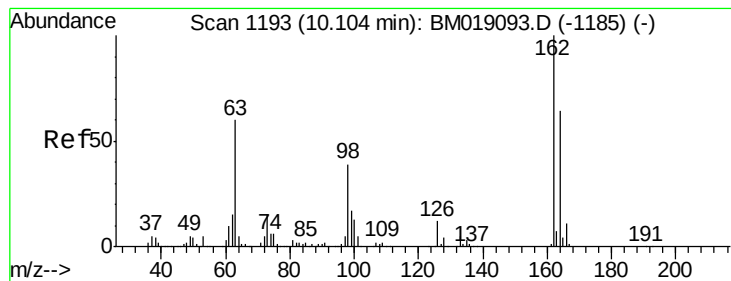
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.187 ng

RT: 10.09 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

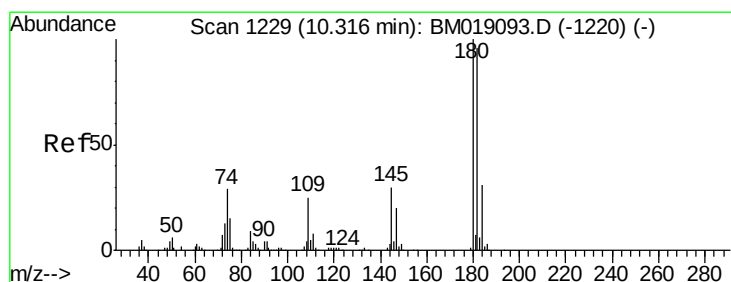
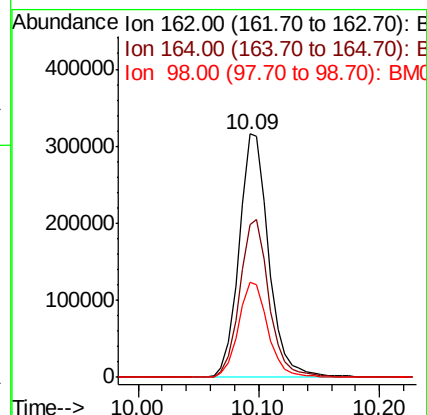
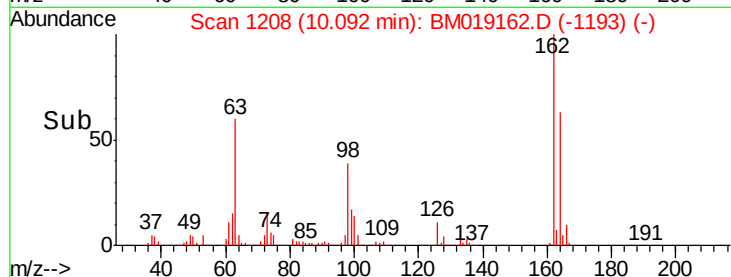
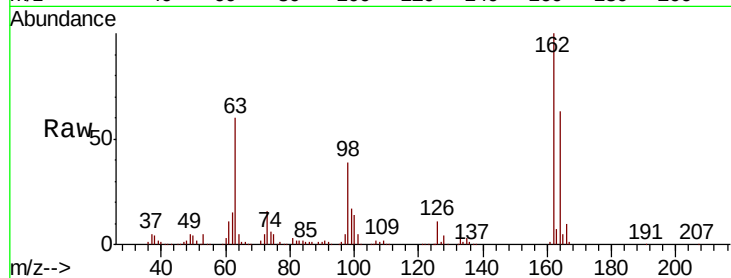
Tot Ion:162 Resp: 542170

Ion Ratio Lower Upper

162 100

164 62.5 43.5 83.5

98 39.3 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 39.276 ng

RT: 10.30 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

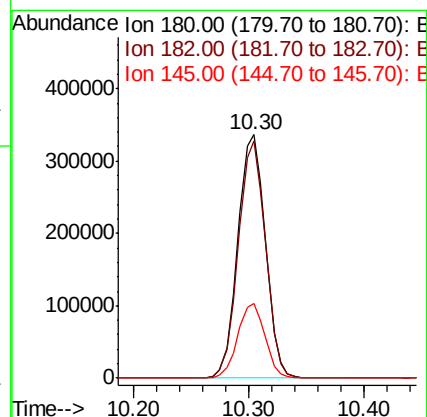
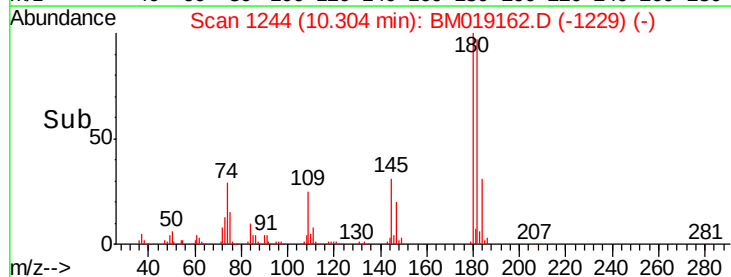
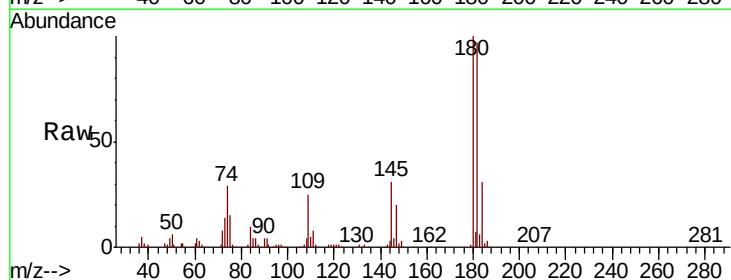
Tgt Ion:180 Resp: 555977

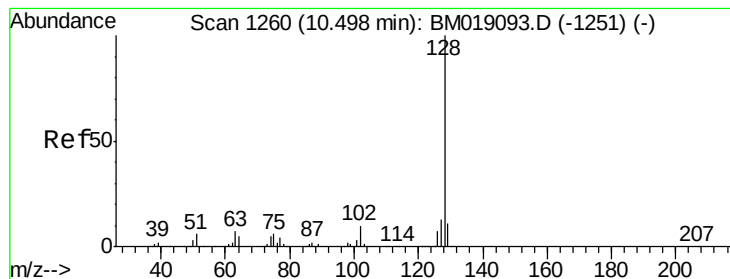
Ion Ratio Lower Upper

180 100

182 97.4 76.6 114.8

145 30.9 24.3 36.5





#31

Naphthalene

Concen: 39.478 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

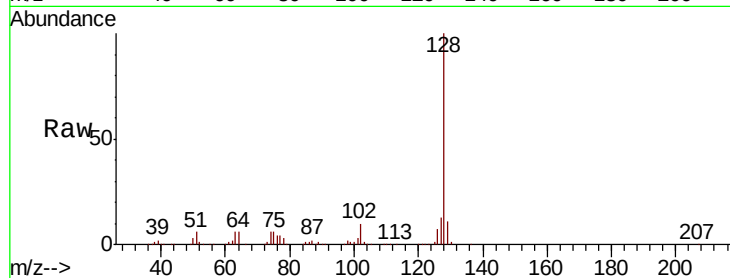
Tot Ion:128 Resp: 1739642

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

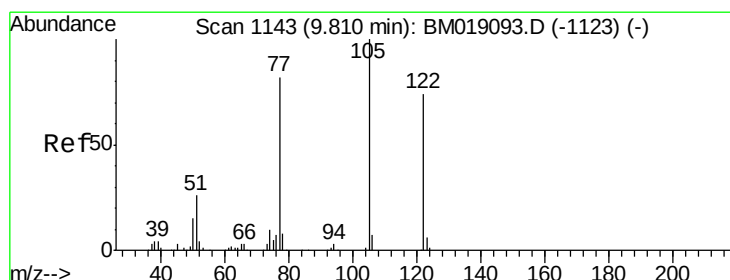
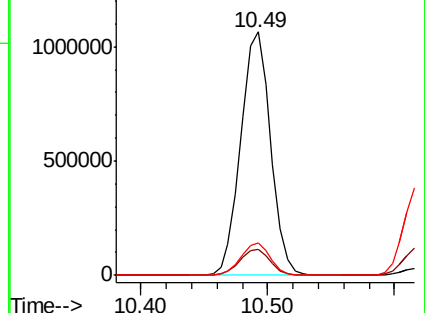
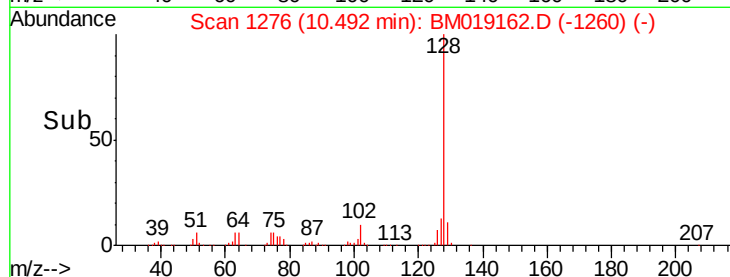
127 13.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.456 ng

RT: 9.80 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

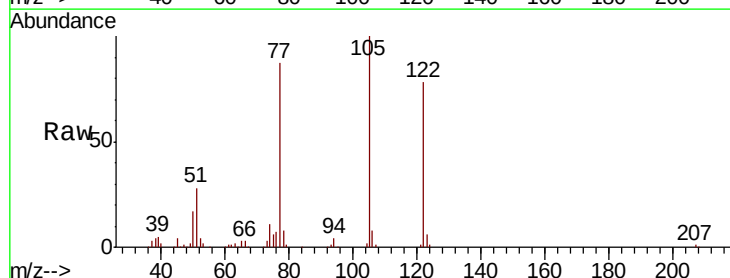
Tgt Ion:122 Resp: 349973

Ion Ratio Lower Upper

122 100

105 128.7 113.0 153.0

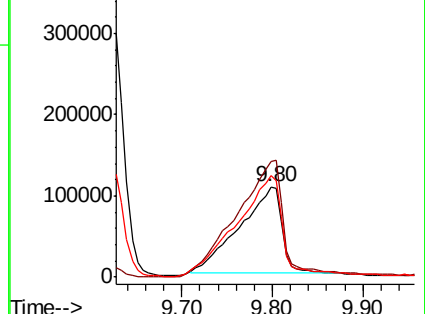
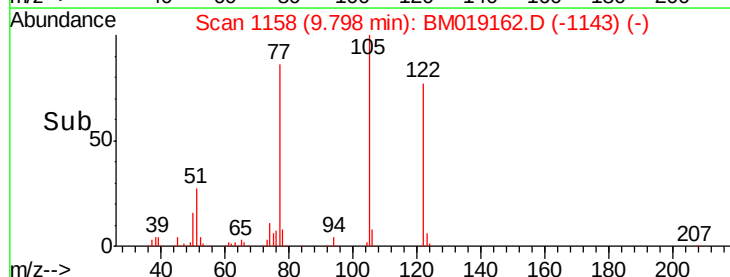
77 112.1 90.1 130.1

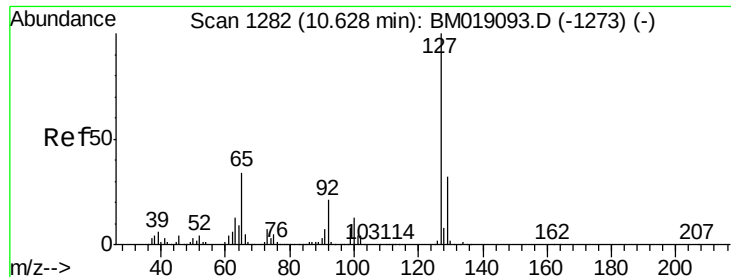


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

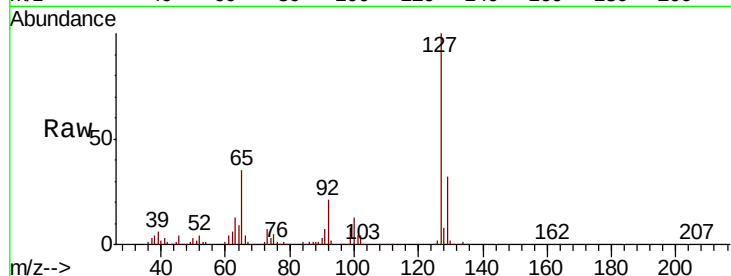




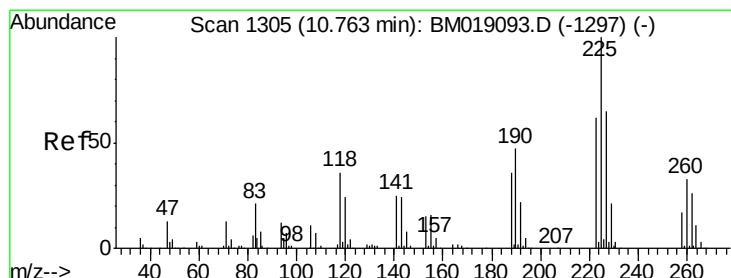
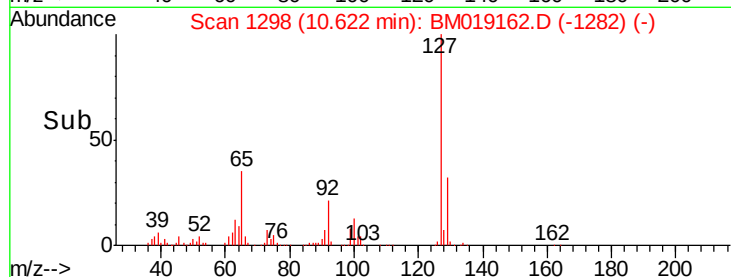
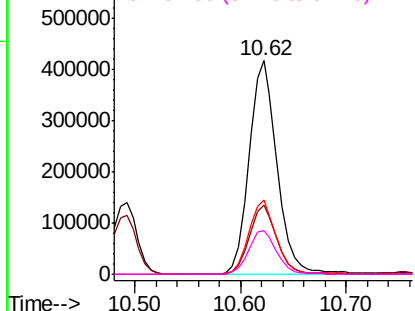
#33
4-Chloroaniline
Concen: 42.355 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	765086
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	34.5	27.4	41.2
92	20.6	16.8	25.2

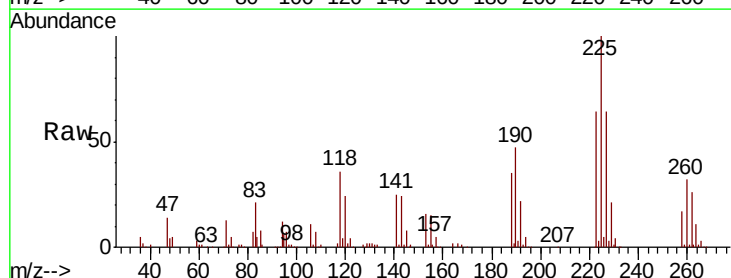


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

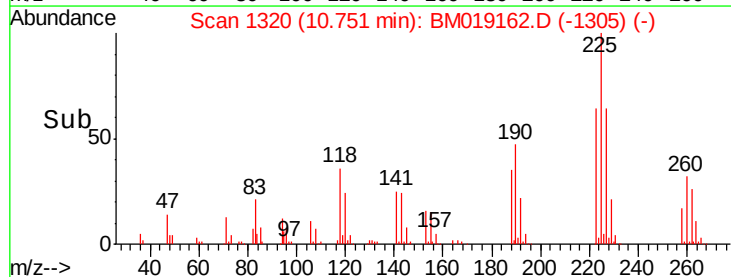
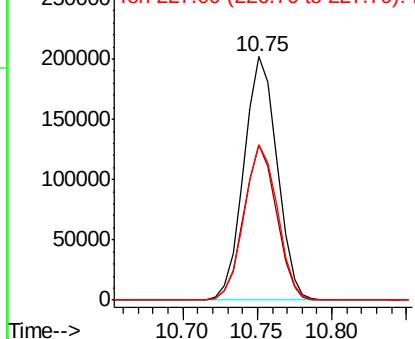


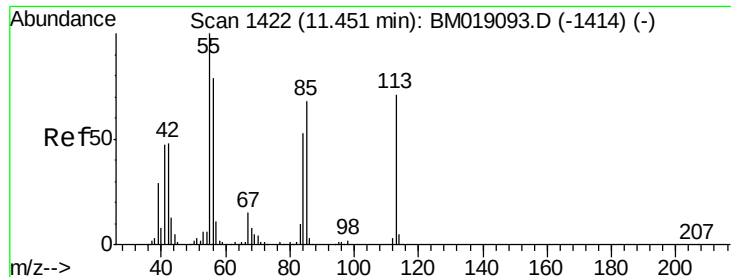
#34
Hexachlorobutadiene
Concen: 38.296 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:	225	Resp:	311100
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.0
227	63.6	51.6	77.4



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

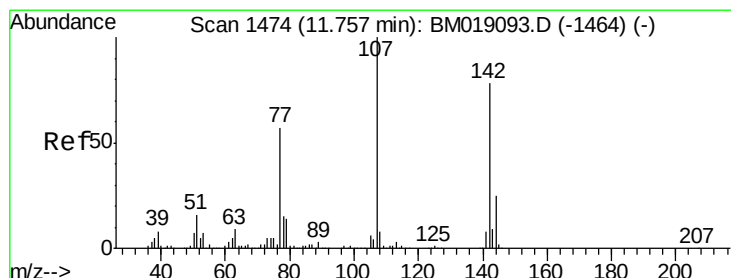
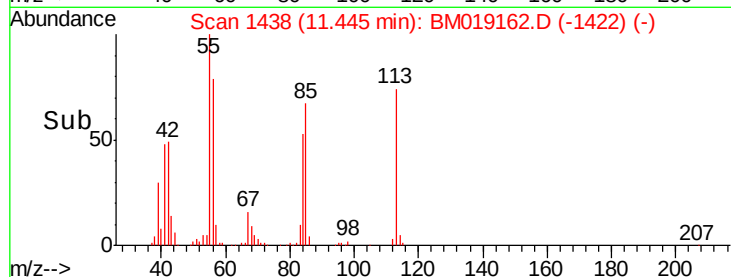
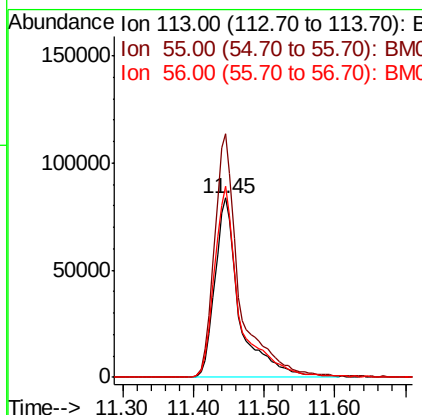
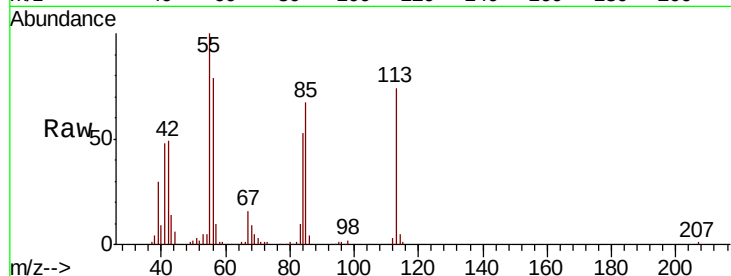




#35
 Caprolactam
 Concen: 45.670 ng/ml
 RT: 11.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

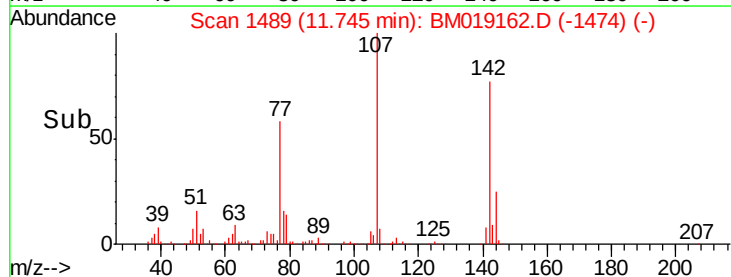
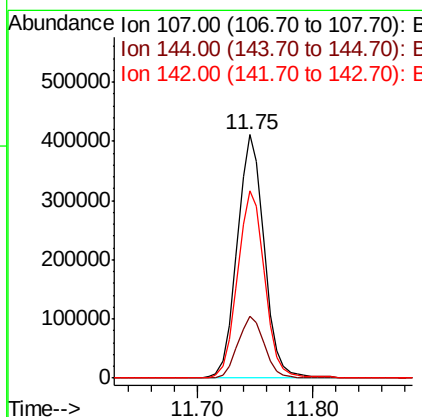
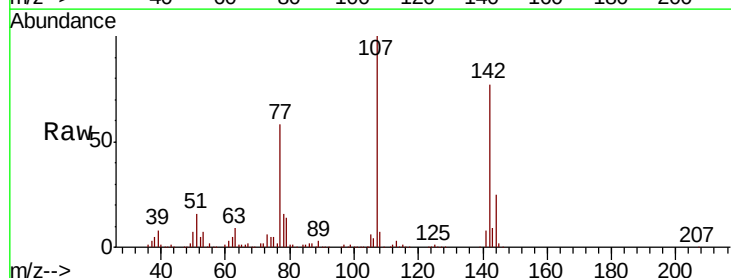
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

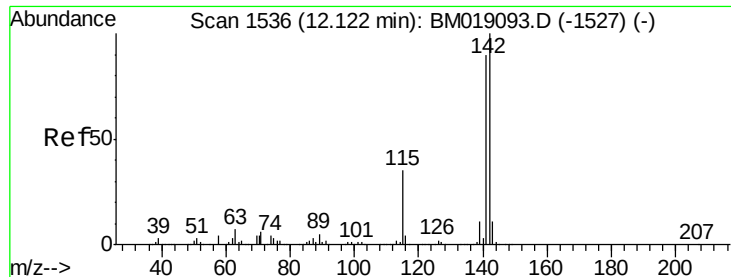
Tot Ion:113 Resp: 204235
 Ion Ratio Lower Upper
 113 100
 55 135.6 120.1 160.1
 56 106.7 90.1 130.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.036 ng/ml
 RT: 11.75 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

Tgt Ion:107 Resp: 666638
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.4
 142 77.1 62.4 93.6

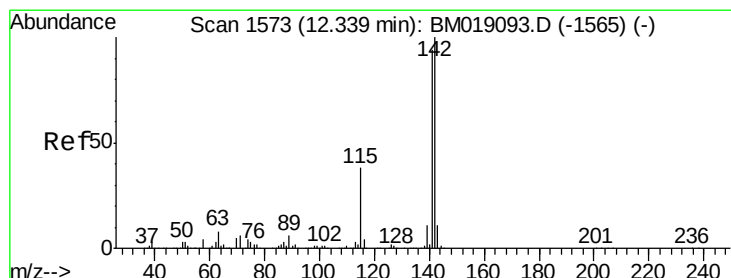
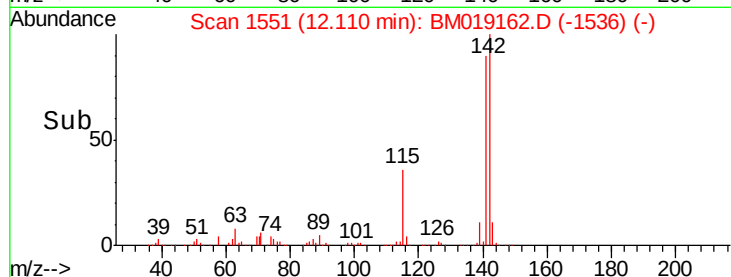
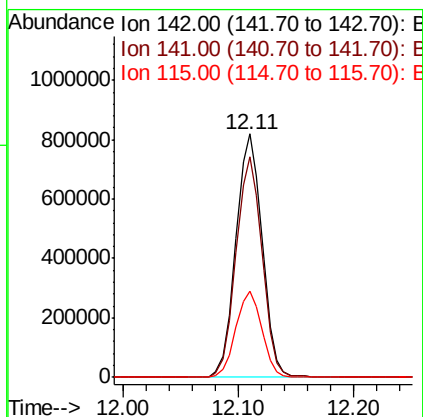
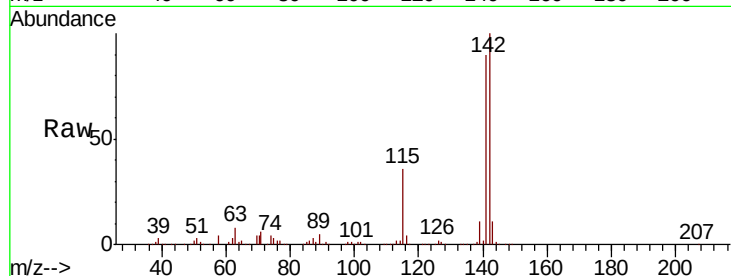




#37
2-Methylnaphthalene
Concen: 40.367 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

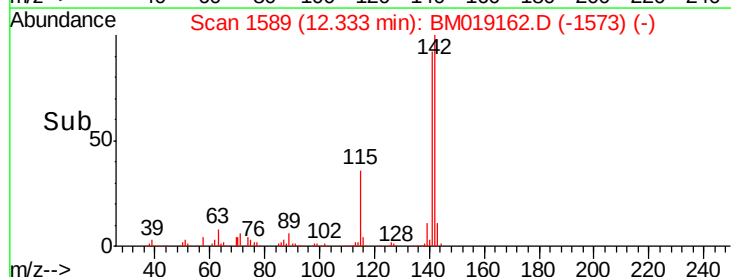
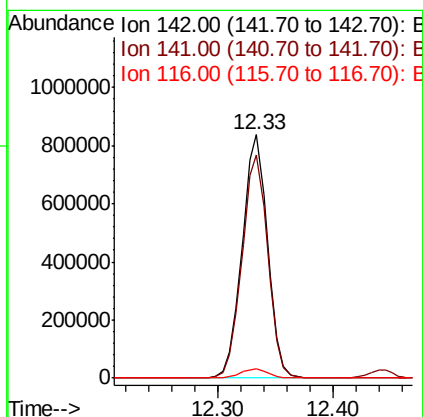
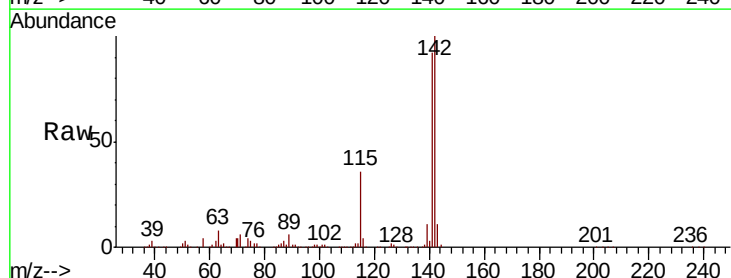
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

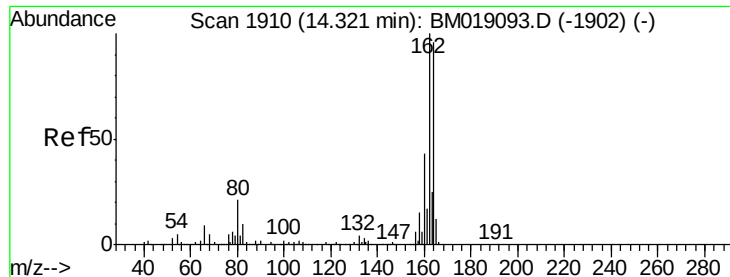
Tot Ion:142 Resp: 1292618
Ion Ratio Lower Upper
142 100
141 90.5 72.3 108.5
115 35.5 27.8 41.8



#38
1-Methylnaphthalene
Concen: 40.460 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:142 Resp: 1277024
Ion Ratio Lower Upper
142 100
141 91.9 74.9 112.3
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

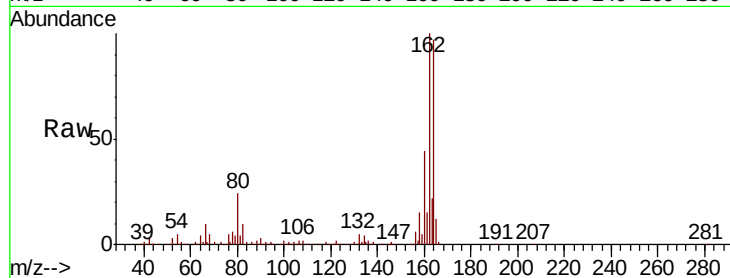
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:164 Resp: 527913

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.5	125.3
160	45.4	36.3	54.5

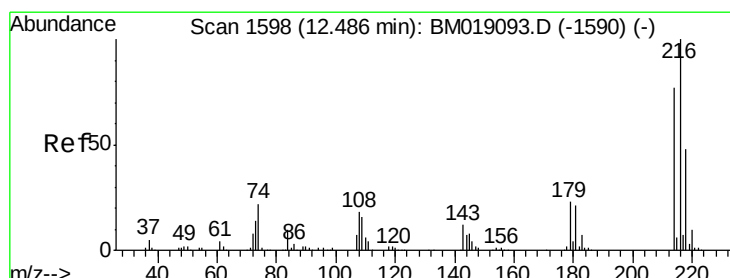
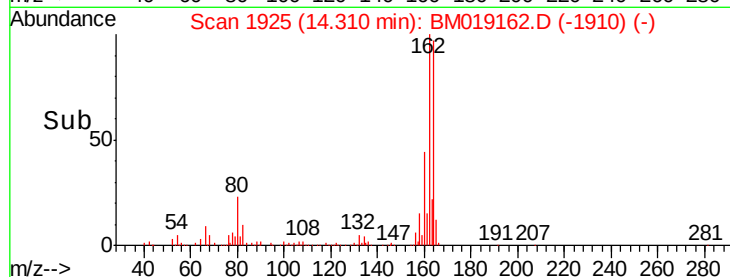
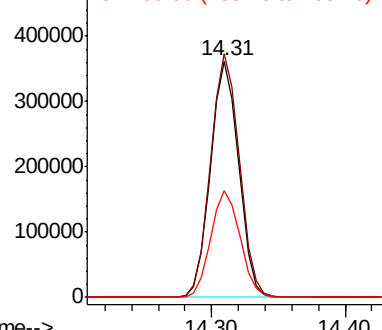


Abundance

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: 38.181 ng

RT: 12.48 min Scan# 1614

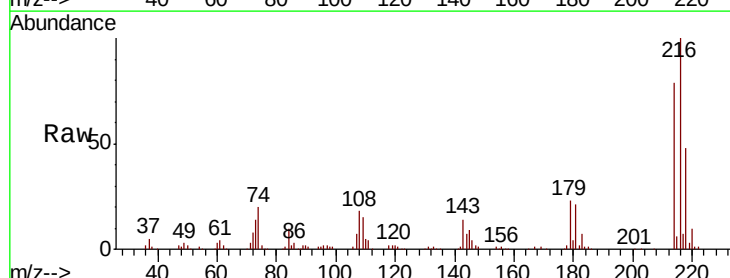
Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Tgt Ion:216 Resp: 637595

Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.9	94.3
179	22.8	18.0	27.0
108	20.3	16.2	24.4



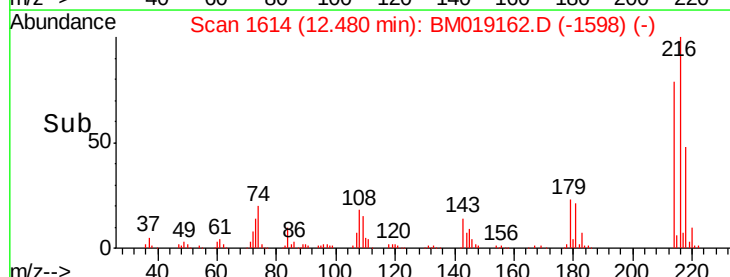
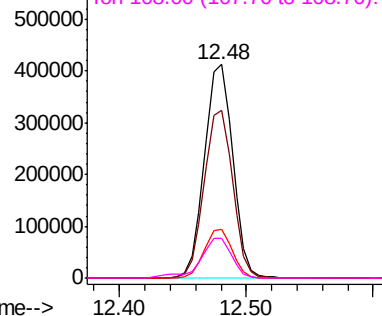
Abundance

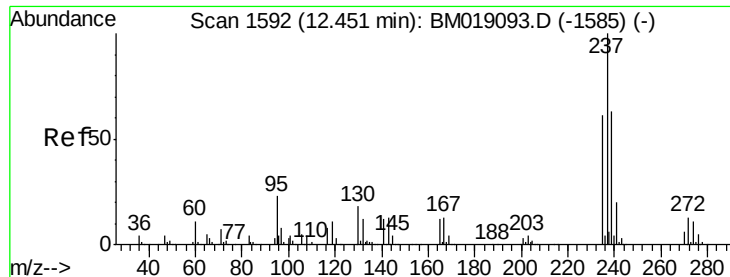
Ion 216.00 (215.70 to 216.70): E

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: 41.238 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

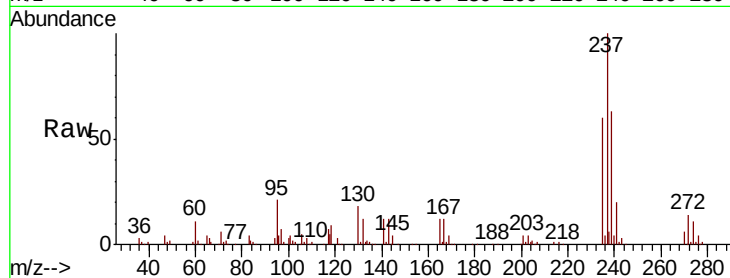
Tot Ion:237 Resp: 311929

Ion Ratio Lower Upper

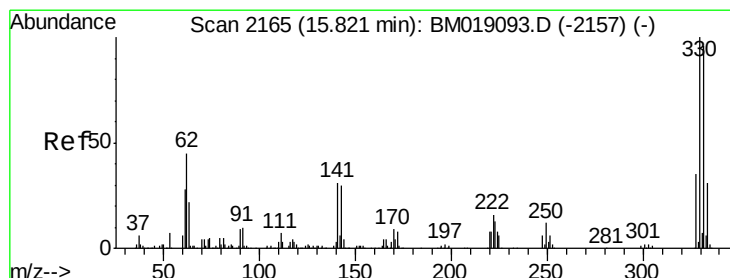
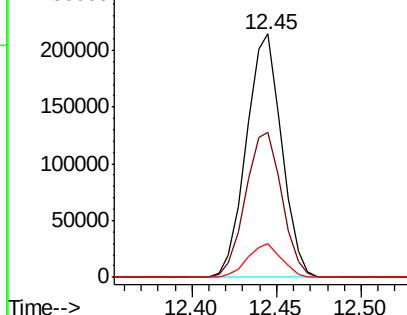
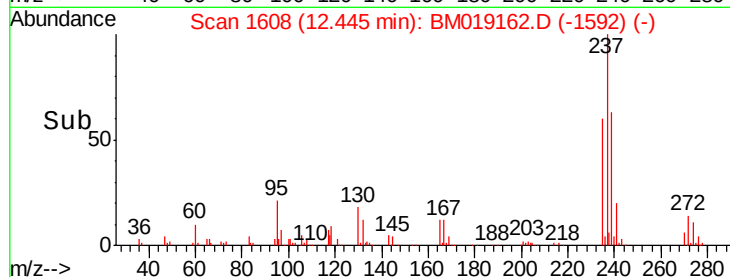
237 100

235 59.6 41.3 81.3

272 13.7 0.0 33.1



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: 83.773 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

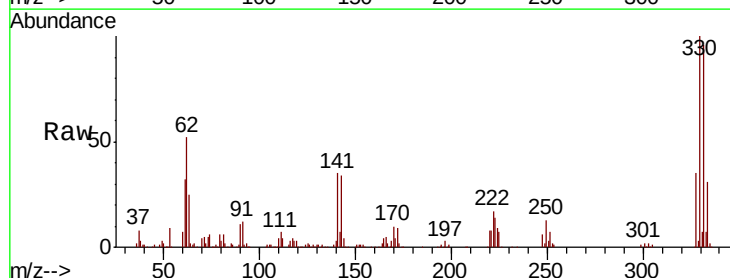
Tgt Ion:330 Resp: 652962

Ion Ratio Lower Upper

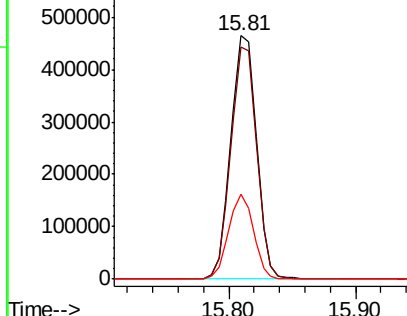
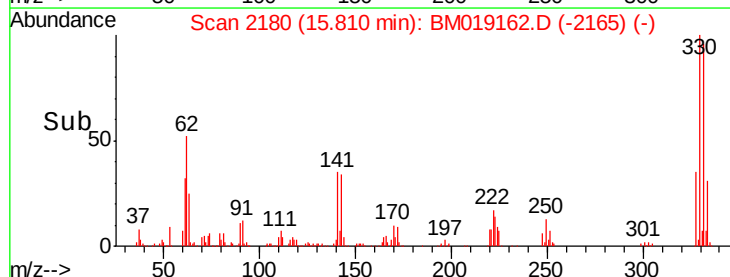
330 100

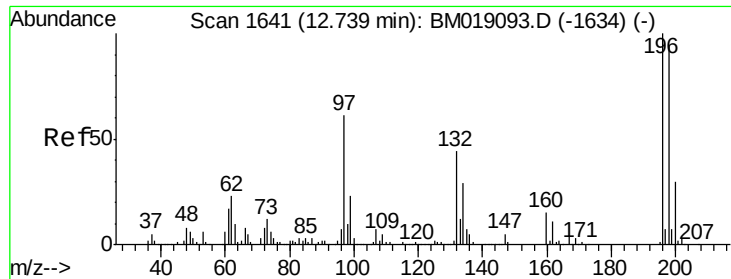
332 95.5 76.8 115.2

141 33.9 27.0 40.4



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

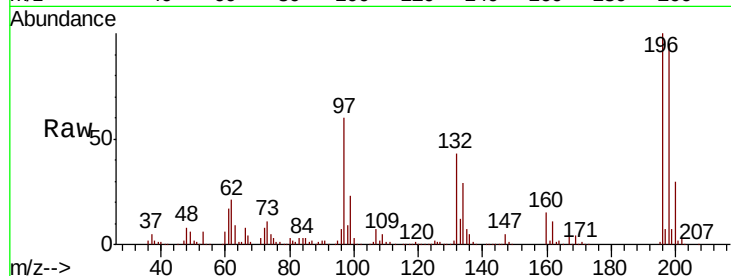




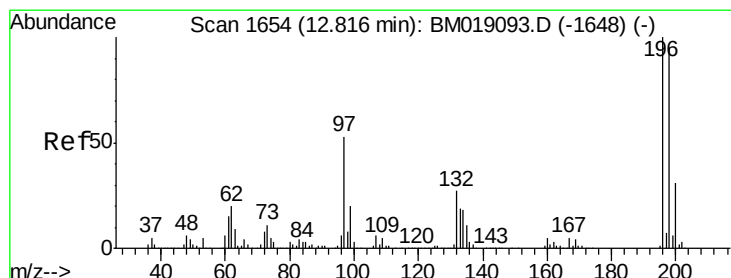
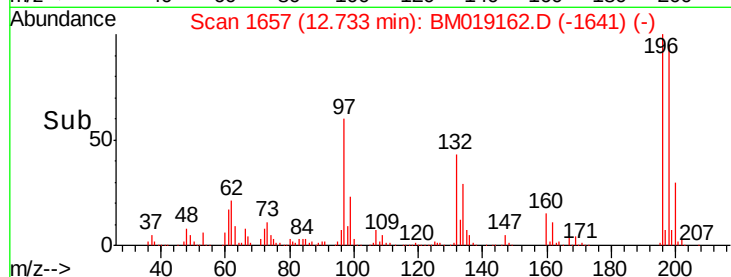
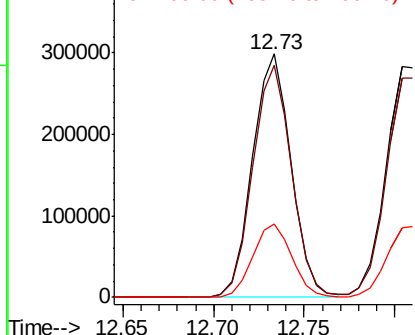
#43
 2,4,6-Trichlorophenol
 Concen: 40.907 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion:196 Resp: 441456
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.4 113.0
 200 30.1 24.2 36.2



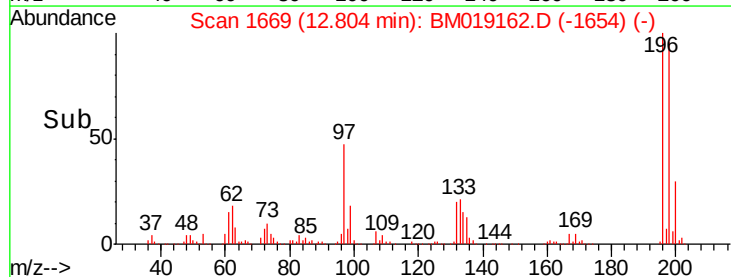
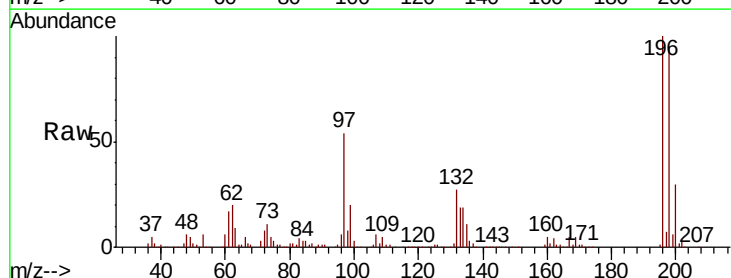
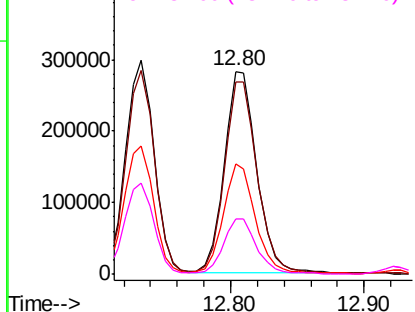
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

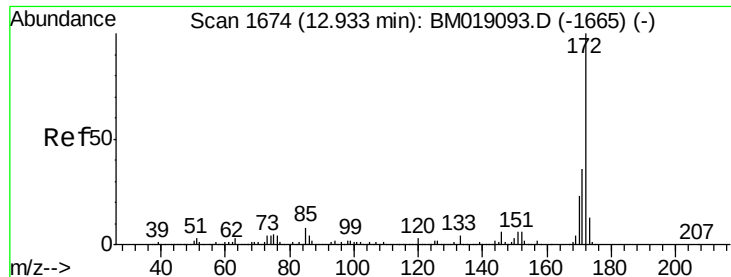


#44
 2,4,5-Trichlorophenol
 Concen: 41.338 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

Tgt Ion:196 Resp: 477044
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.9 113.9
 97 54.0 42.5 63.7
 132 27.1 21.9 32.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

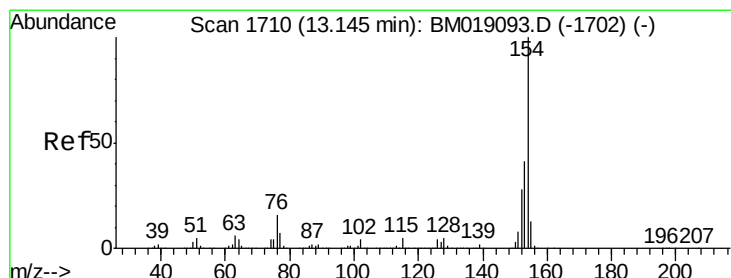
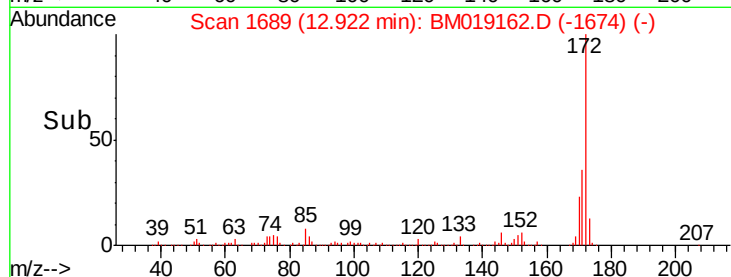
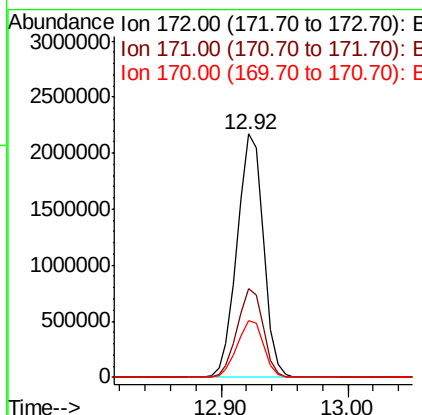
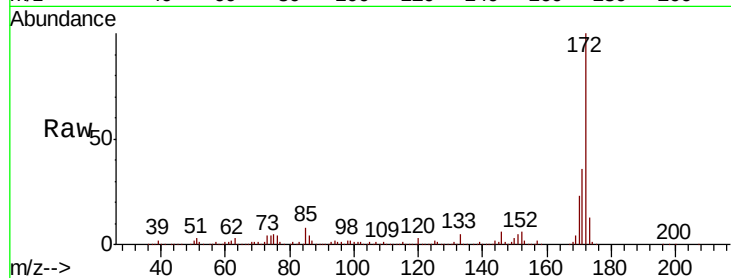




#45
2-Fluorobiphenyl
Concen: 76.482 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

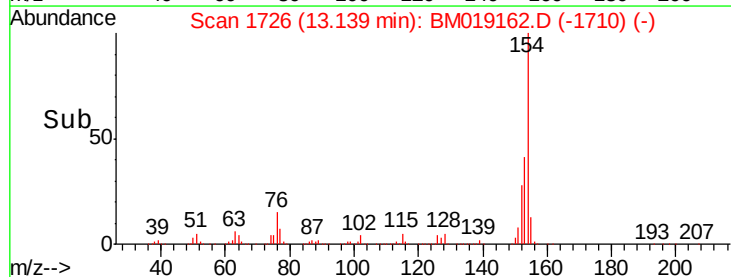
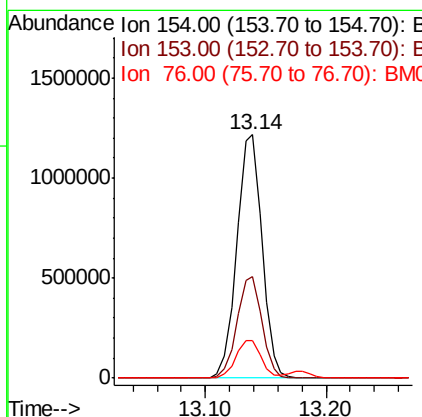
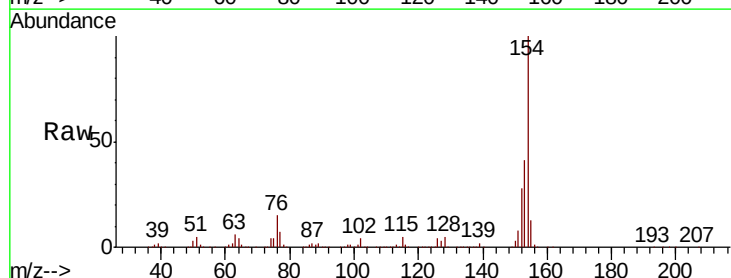
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

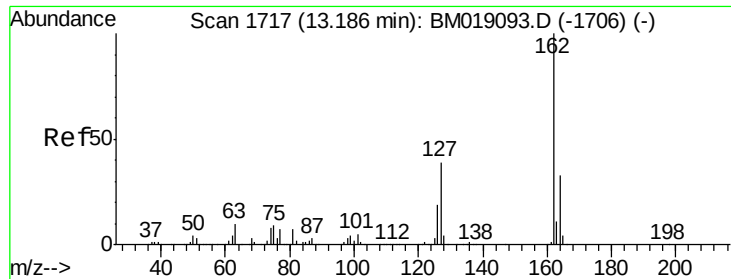
Tot Ion:172 Resp: 3104026
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.498 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:154 Resp: 1774890
Ion Ratio Lower Upper
154 100
153 41.5 21.5 61.5
76 15.2 0.0 35.8

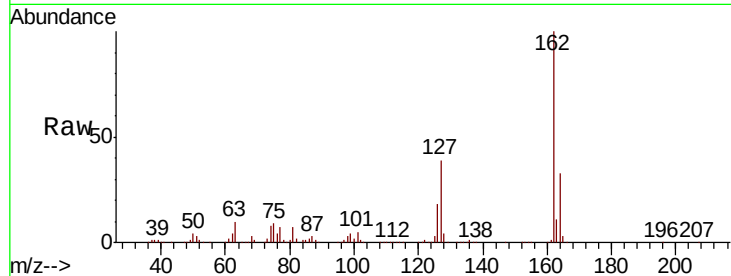




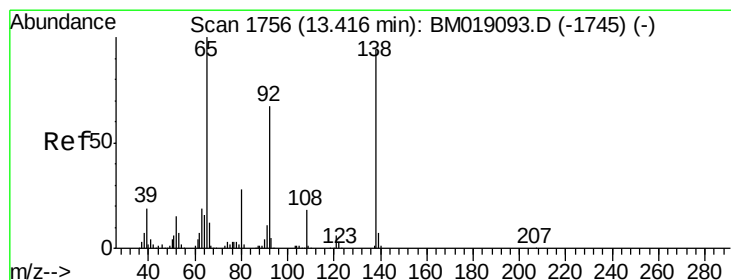
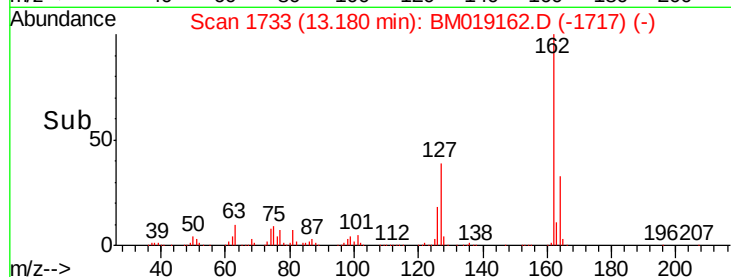
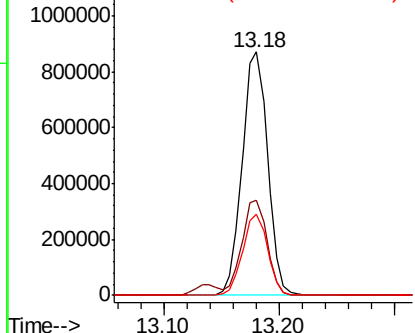
#47
2-Chloronaphthalene
Concen: 38.925 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 1339524
Ion Ratio Lower Upper
162 100
127 38.9 31.2 46.8
164 33.2 26.3 39.5

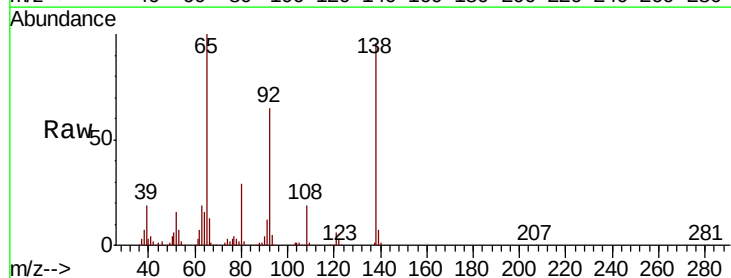


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

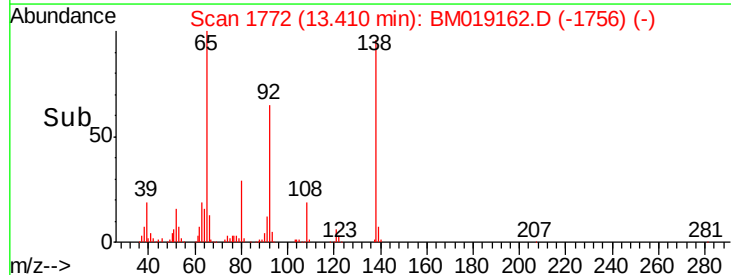
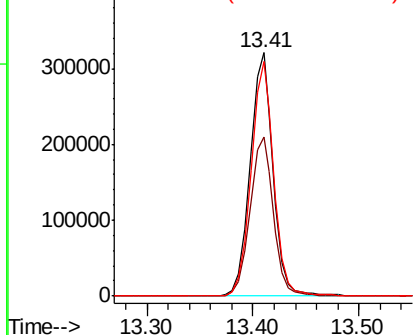


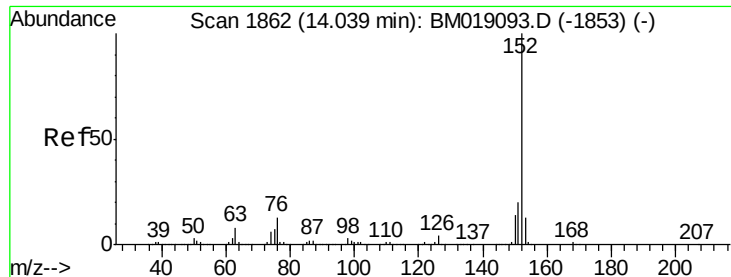
#48
2-Nitroaniline
Concen: 42.140 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion: 65 Resp: 486342
Ion Ratio Lower Upper
65 100
92 65.5 53.4 80.2
138 96.3 74.9 112.3



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: 39.439 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

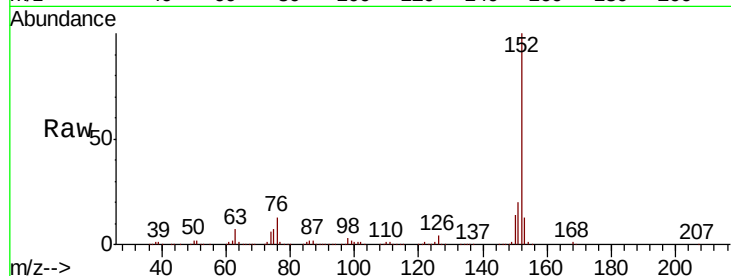
Tot Ion:152 Resp: 2294866

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.1 10.6 15.8

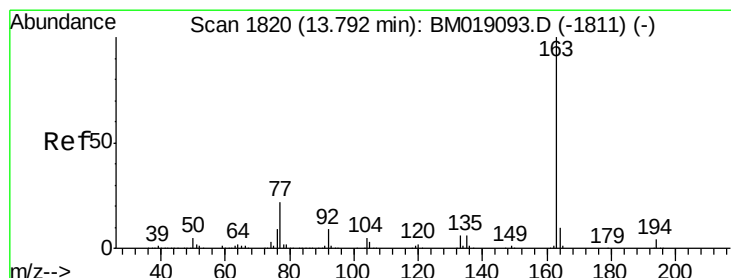
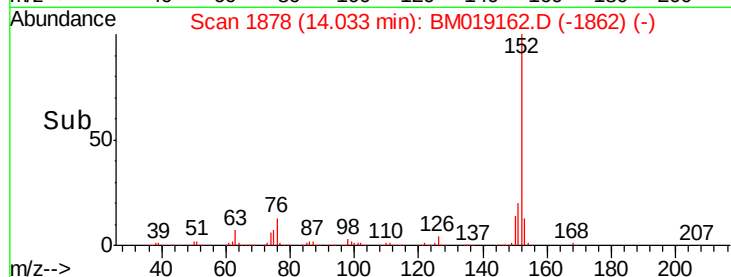
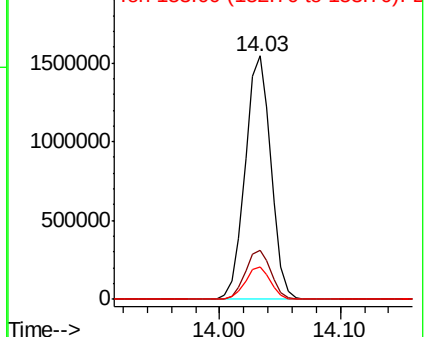


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.236 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

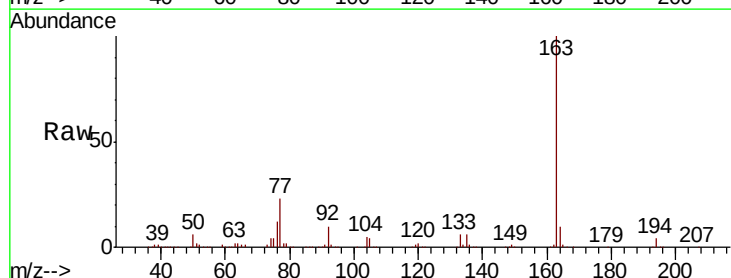
Tgt Ion:163 Resp: 1771917

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.1 7.7 11.5

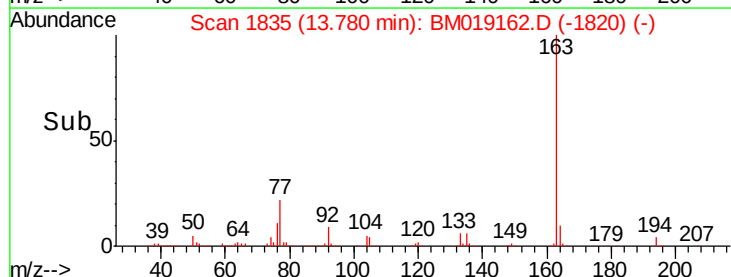
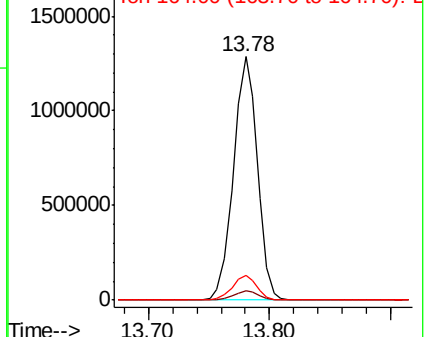


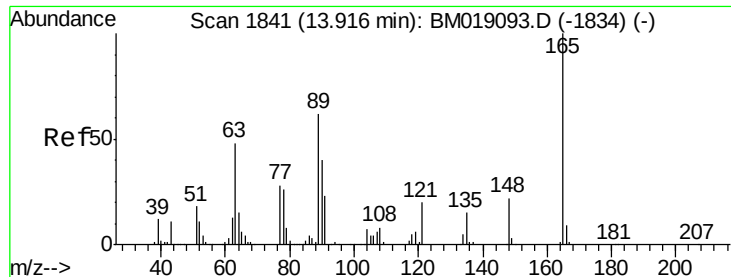
Abundance

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

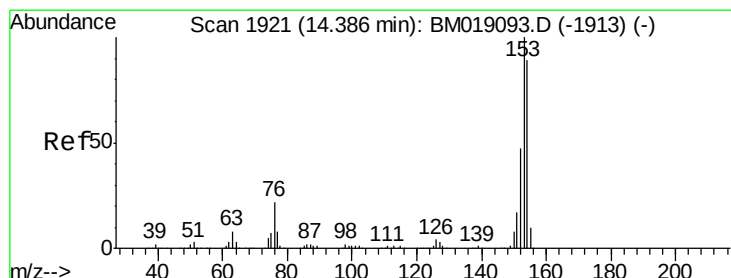
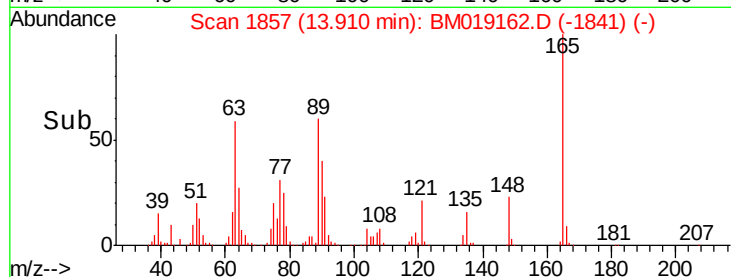
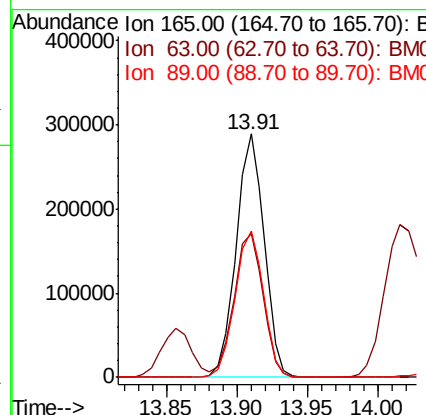
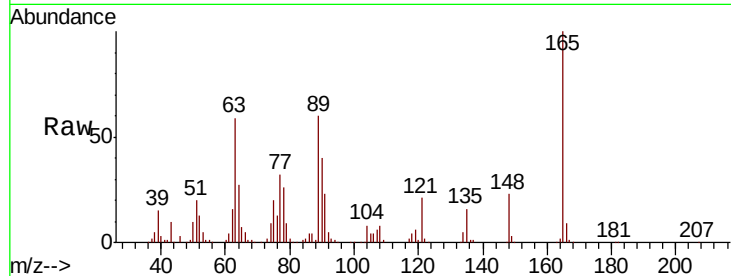




#51
2,6-Dinitrotoluene
Concen: 40.899 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

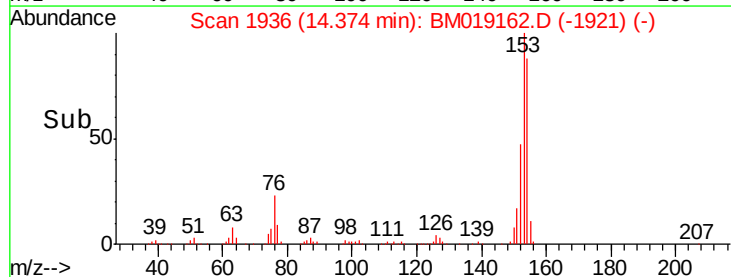
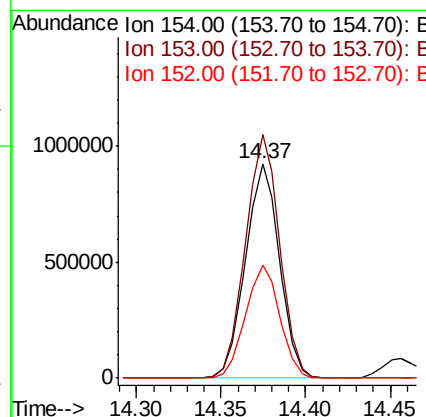
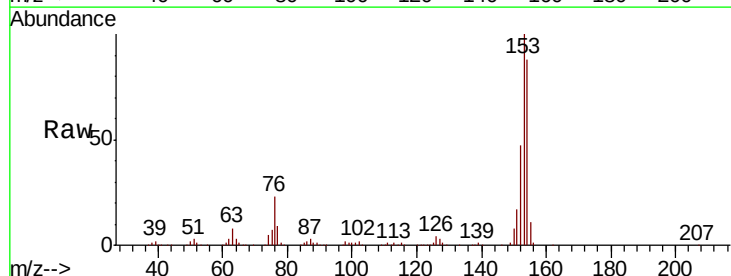
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

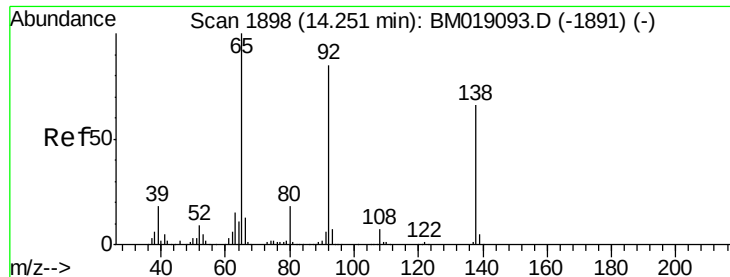
Tot Ion:165 Resp: 399272
Ion Ratio Lower Upper
165 100
63 59.0 48.2 72.4
89 60.3 49.3 73.9



#52
Acenaphthene
Concen: 38.830 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:154 Resp: 1298266
Ion Ratio Lower Upper
154 100
153 113.3 90.1 135.1
152 52.8 42.5 63.7

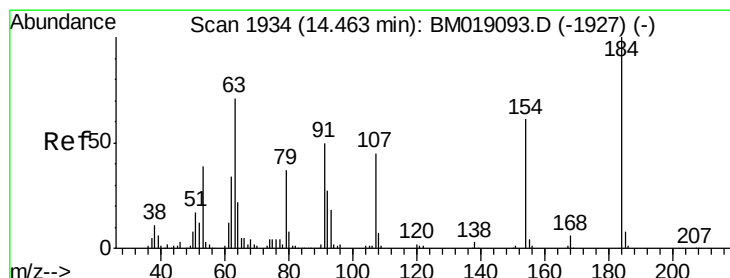
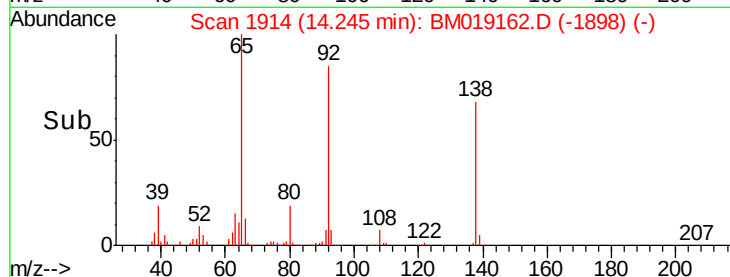
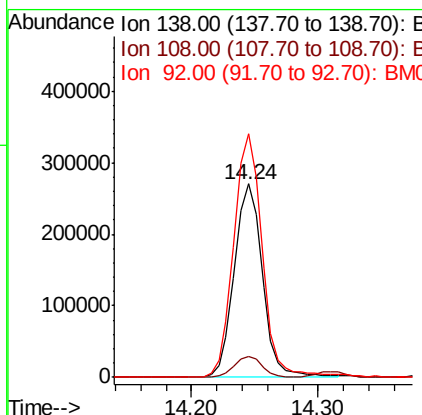
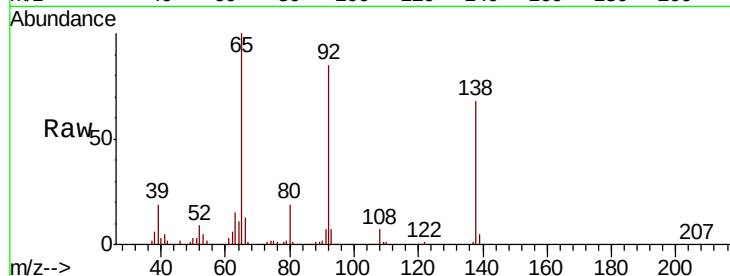




#53
3-Nitroaniline
Concen: 40.272 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

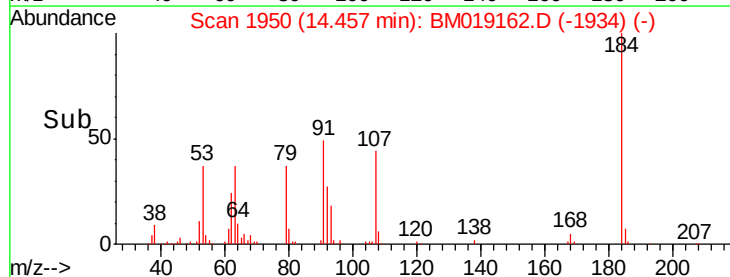
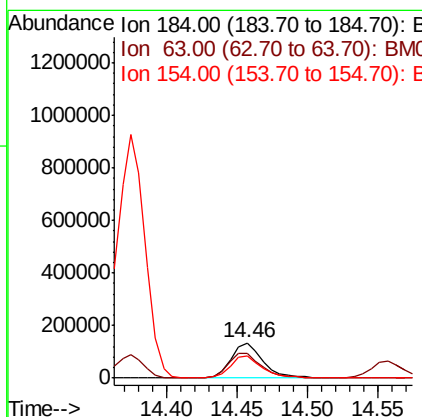
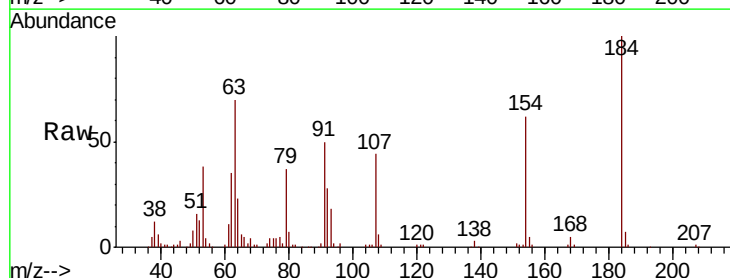
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

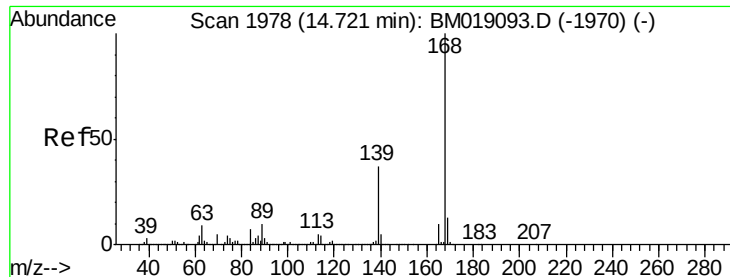
Tot Ion:138 Resp: 416401
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 126.1 102.6 153.8



#54
2,4-Dinitrophenol
Concen: 37.470 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:184 Resp: 212436
Ion Ratio Lower Upper
184 100
63 70.5 56.7 85.1
154 62.1 49.3 73.9

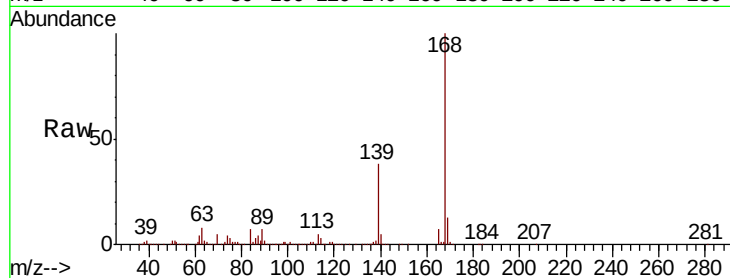




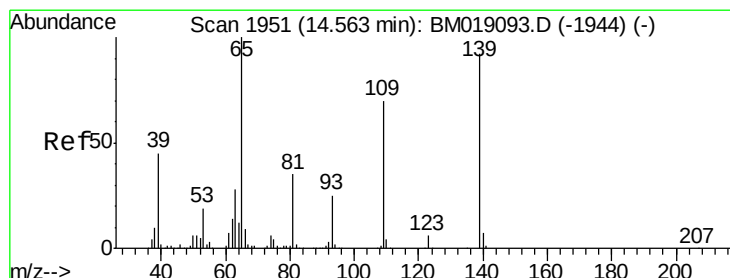
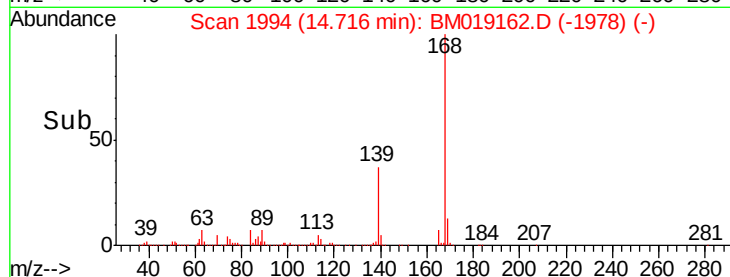
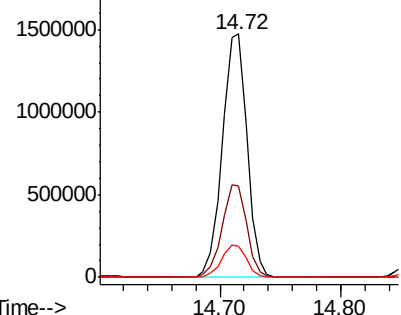
#55
Dibenzofuran
Concen: 39.171 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 2112118
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.0 10.6 16.0

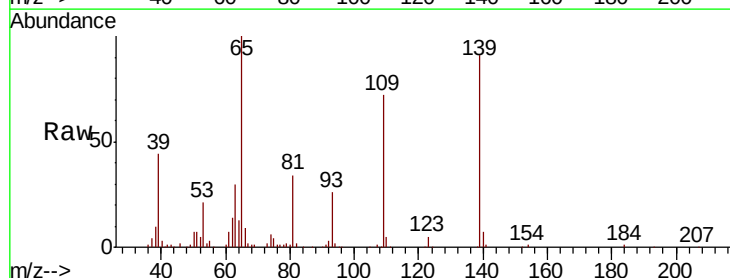


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

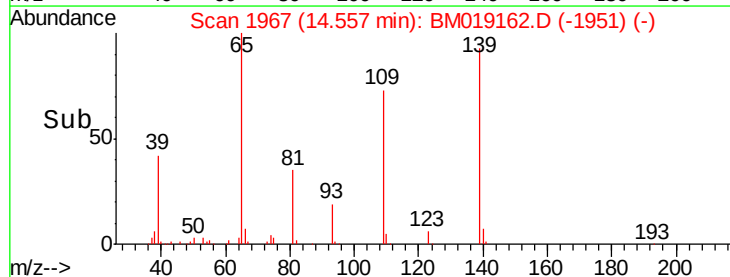
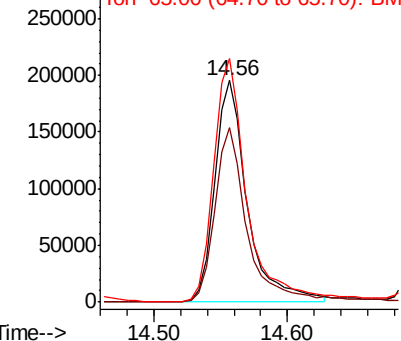


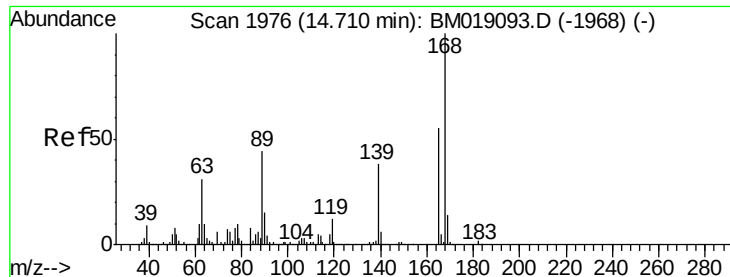
#56
4-Nitrophenol
Concen: 39.526 ng
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:139 Resp: 333680
Ion Ratio Lower Upper
139 100
109 78.8 56.3 96.3
65 110.0 89.2 129.2



Abundance Ion 139.00 (138.70 to 139.70): E
300000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

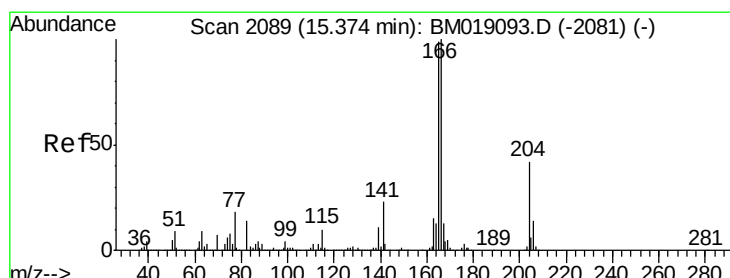
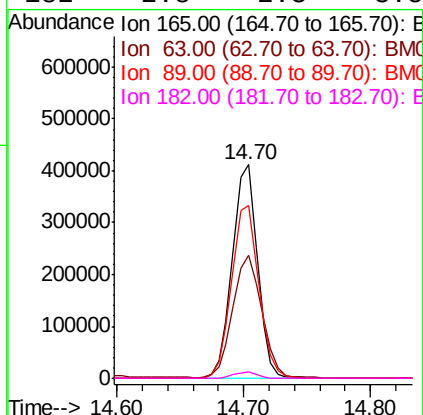
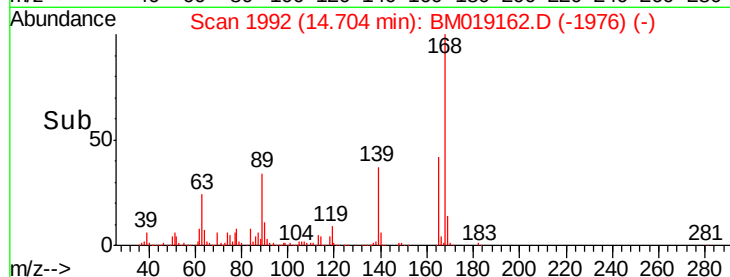
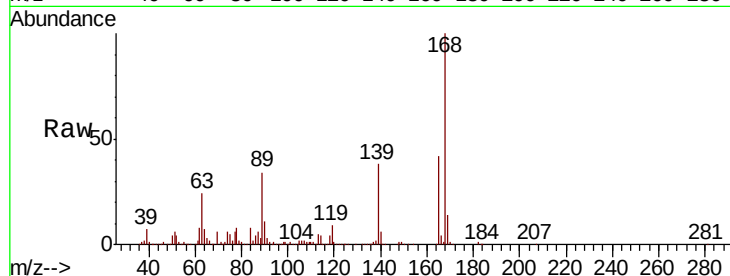




#57
2,4-Dinitrotoluene
Concen: 39.981 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

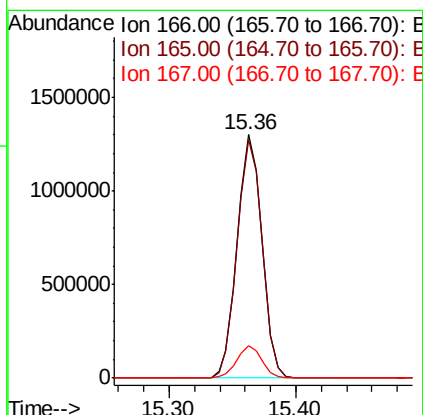
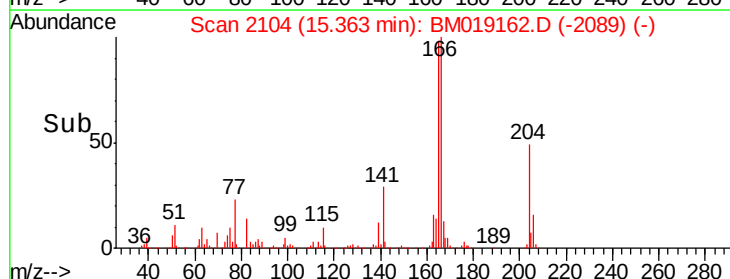
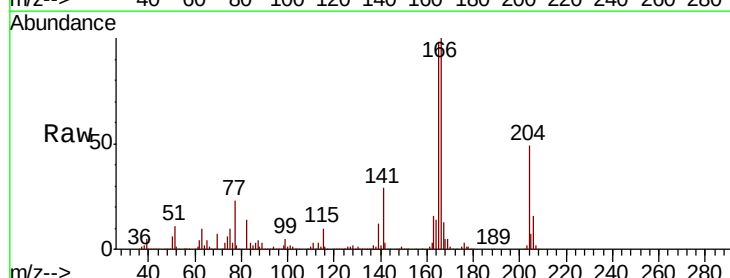
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

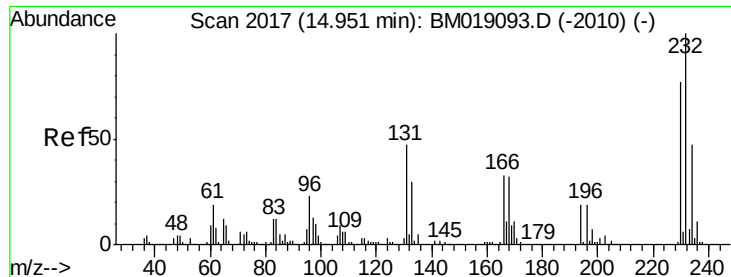
Tot Ion:165 Resp: 566573
Ion Ratio Lower Upper
165 100
63 57.5 44.7 67.1
89 81.0 63.4 95.2
182 2.8 2.3 3.5



#58
Fluorene
Concen: 39.492 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:166 Resp: 1755210
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.4
167 13.4 10.8 16.2

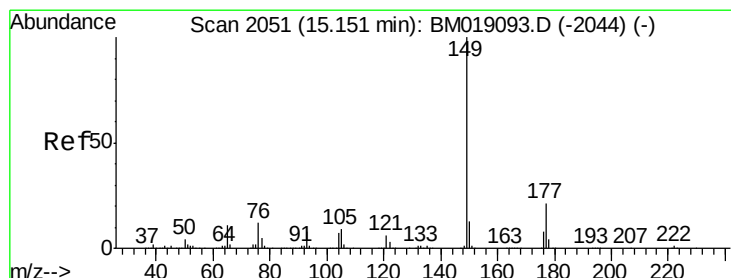
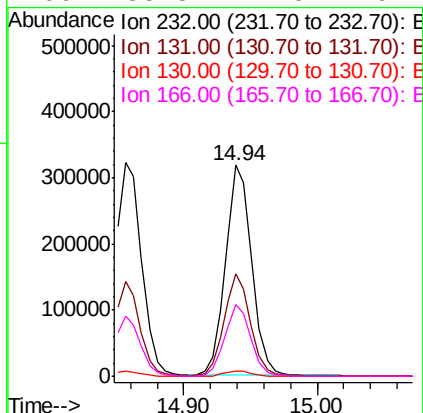
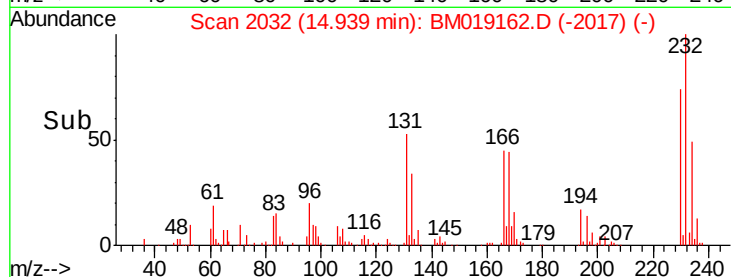
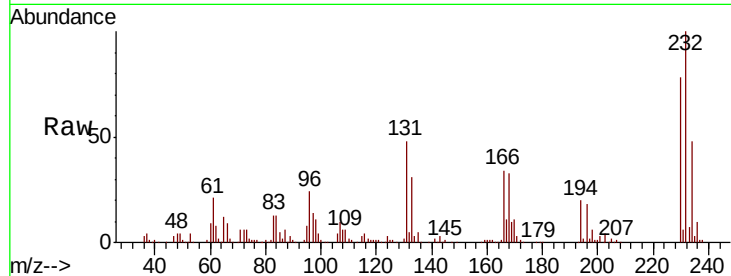




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.770 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

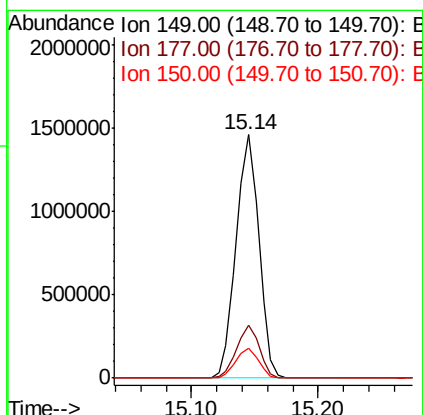
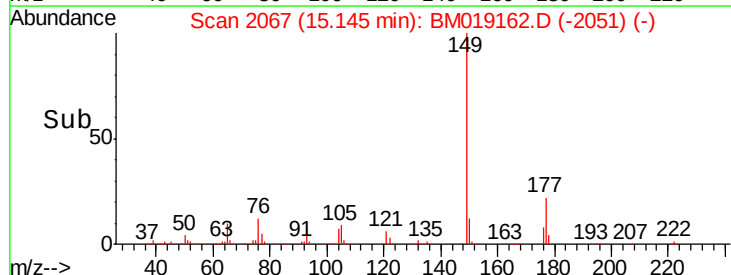
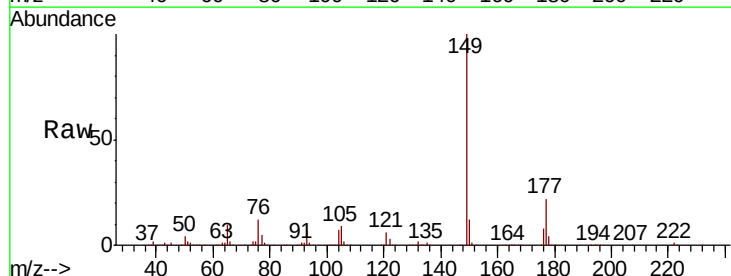
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

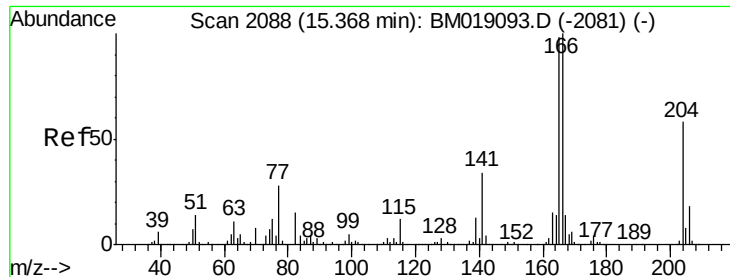
Tot Ion:232 Resp: 438000
 Ion Ratio Lower Upper
 232 100
 131 48.4 38.2 57.2
 130 2.5 1.9 2.9
 166 33.8 27.0 40.4



#60
 Diethylphthalate
 Concen: 39.644 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

Tgt Ion:149 Resp: 1813216
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.0 25.6
 150 12.2 10.2 15.4

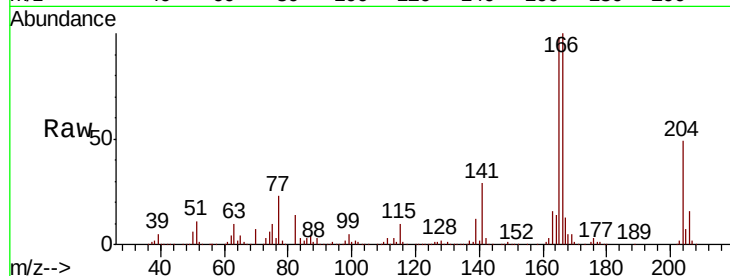




#61
4-Chlorophenyl-phenylether
Concen: 39.434 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.5	38.3
141	58.2	47.8	71.8

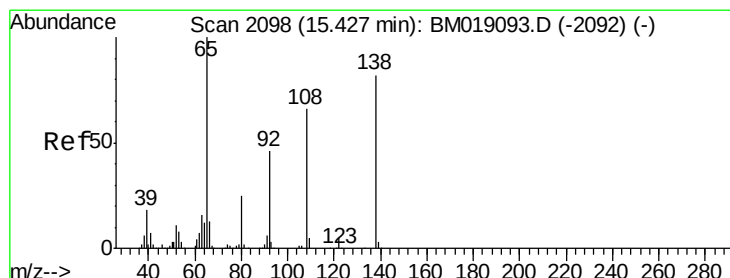
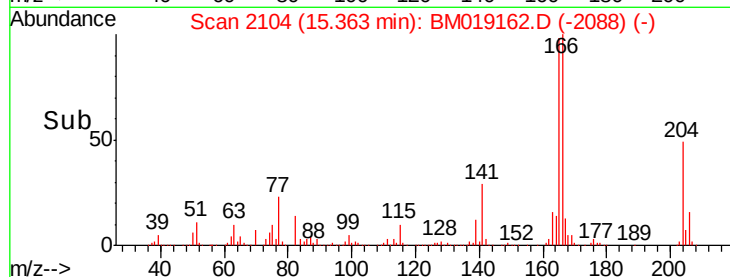
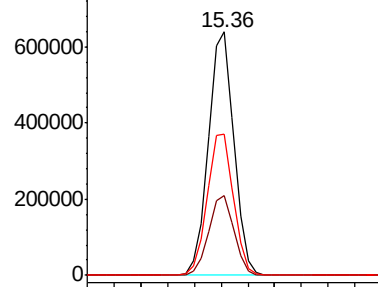


Abundance

Ion 204.00 (203.70 to 204.70): E

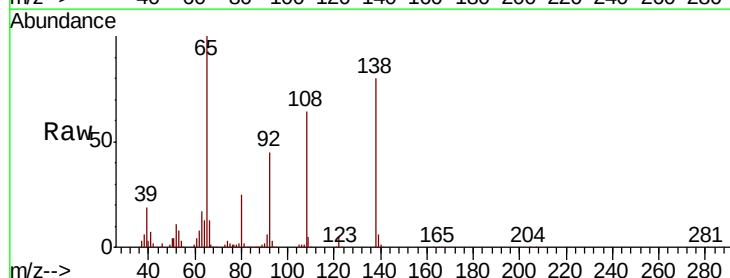
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.078 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	36.2	76.2
108	80.4	59.7	99.7

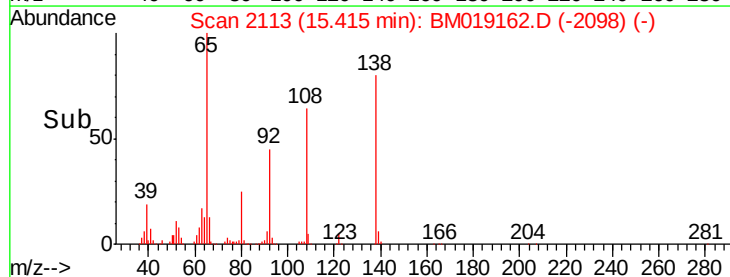
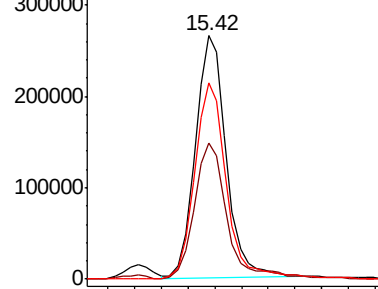


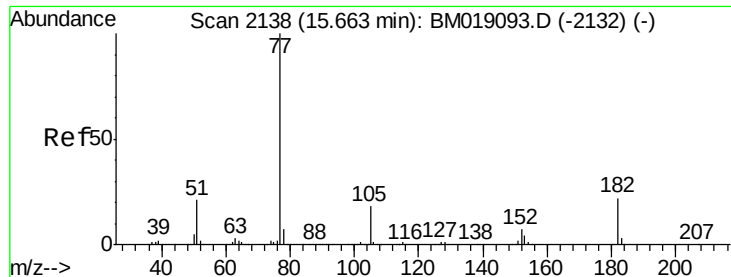
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.846 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1965881

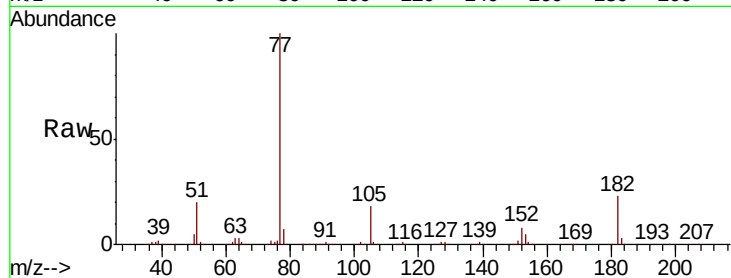
Ion	Ratio	Lower	Upper
77	100		
182	23.3	1.8	41.8
105	18.0	0.0	38.3
51	20.3	0.8	40.8

77 100

182 23.3 1.8 41.8

105 18.0 0.0 38.3

51 20.3 0.8 40.8

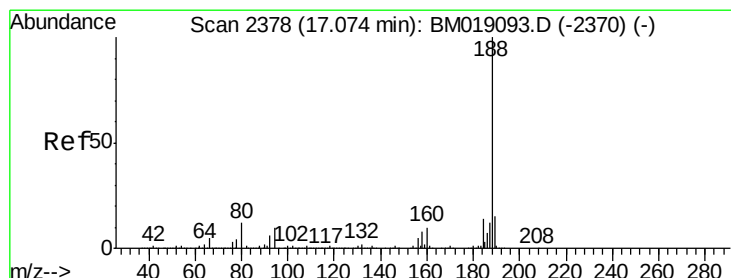
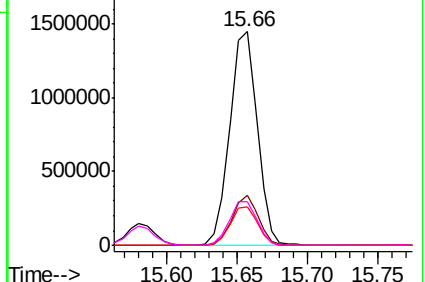
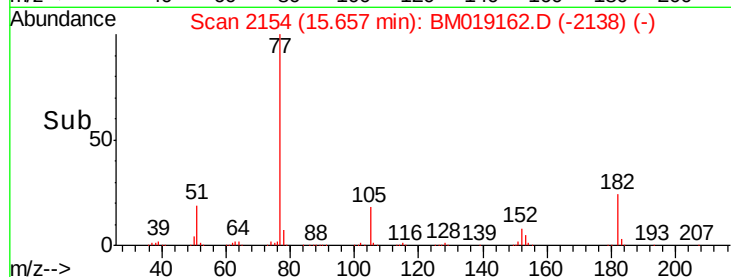


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

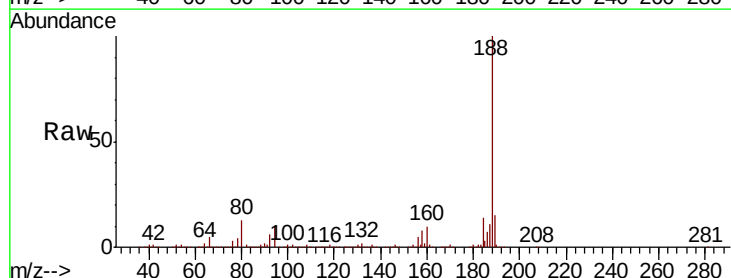
Tgt Ion: 188 Resp: 1201160

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	12.7	9.7	14.5

188 100

94 10.5 8.1 12.1

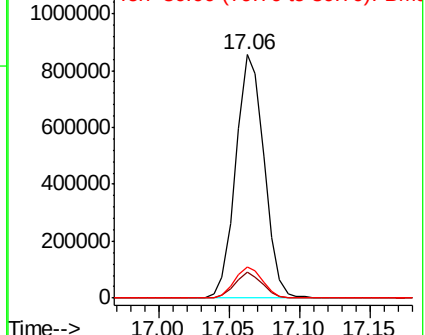
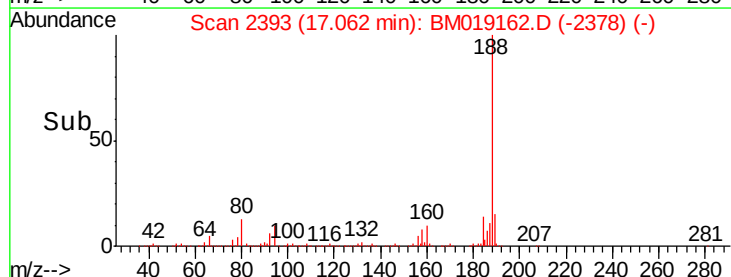
80 12.7 9.7 14.5

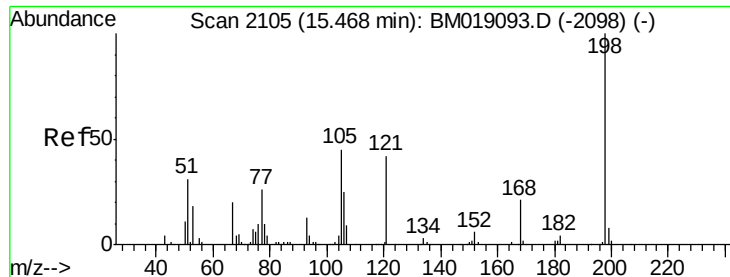


Abundance Ion 188.00 (187.70 to 188.70): BM019093.D (-2370) (-)

Ion 94.00 (93.70 to 94.70): BM019093.D (-2370) (-)

Ion 80.00 (79.70 to 80.70): BM019093.D (-2370) (-)

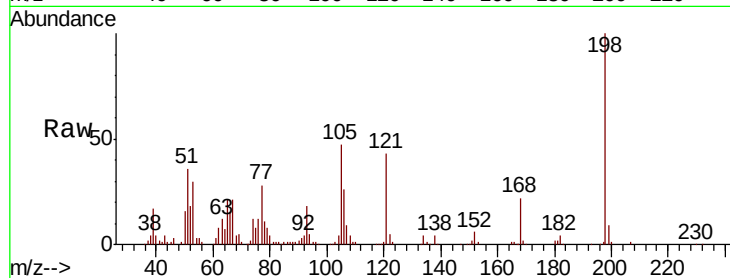




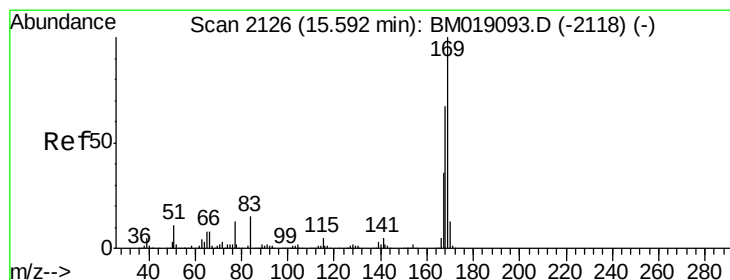
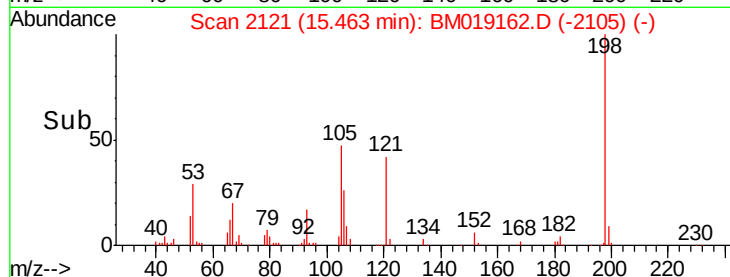
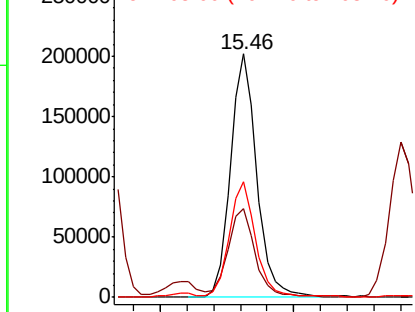
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.430 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 278875
 Ion Ratio Lower Upper
 198 100
 51 36.5 17.3 57.3
 105 47.4 26.2 66.2

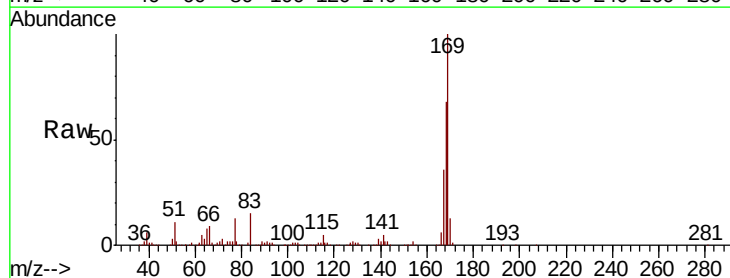


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

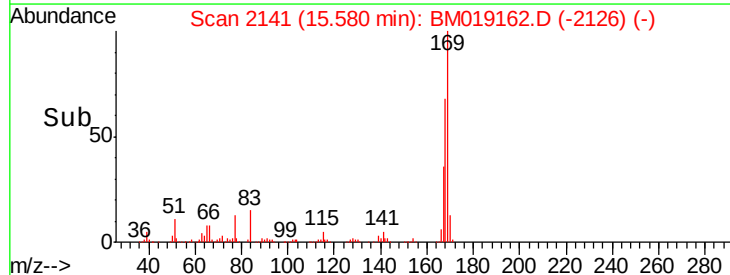
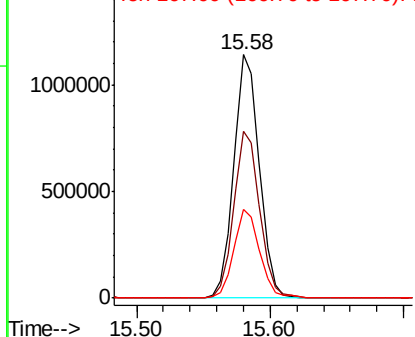


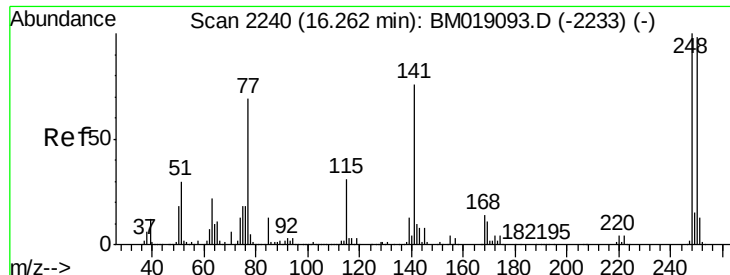
#66
 n-Nitrosodiphenylamine
 Concen: 39.695 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

Tgt Ion:169 Resp: 1517979
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.9 80.9
 167 36.2 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

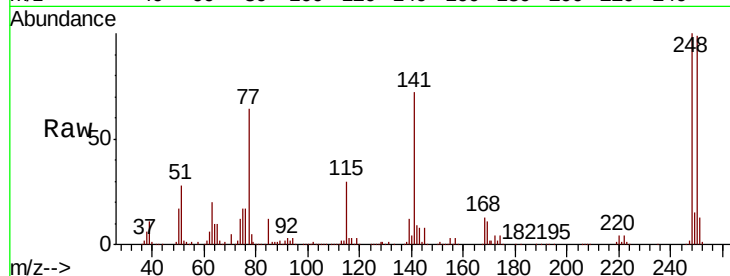




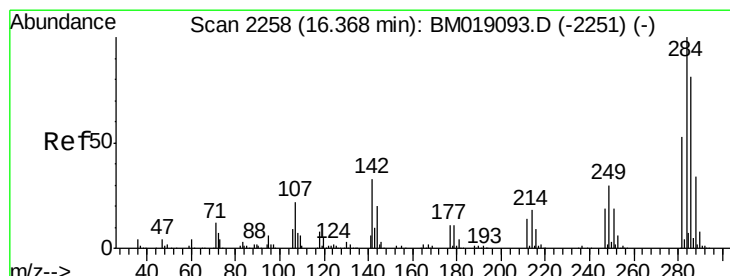
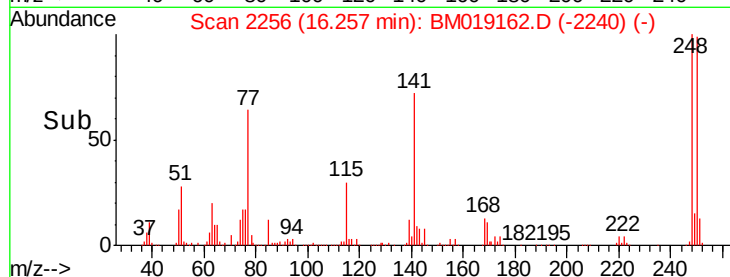
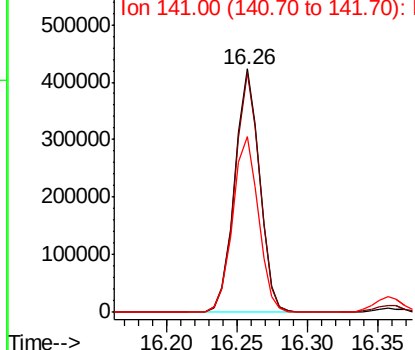
#67
4-Bromophenyl-phenylether
Concen: 39.357 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion:248 Resp: 521311
Ion Ratio Lower Upper
248 100
250 98.7 78.0 117.0
141 72.0 61.0 91.4

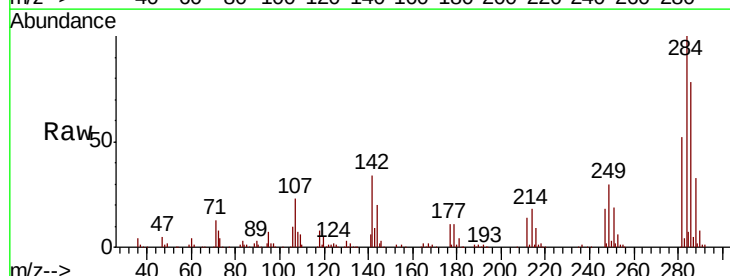


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

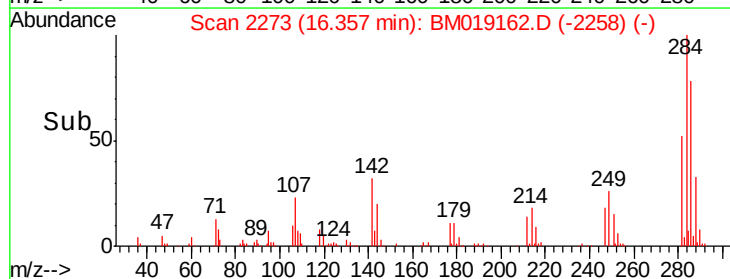
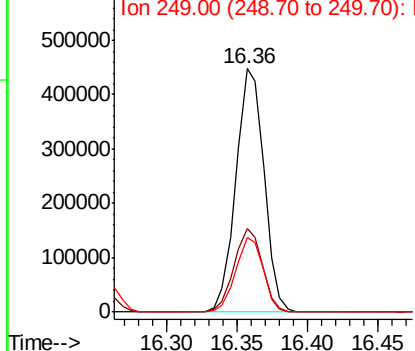


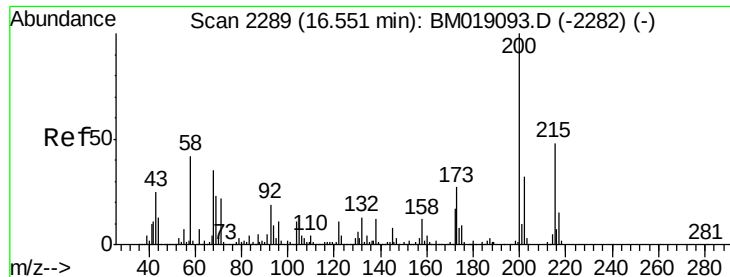
#68
Hexachlorobenzene
Concen: 39.477 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:284 Resp: 621667
Ion Ratio Lower Upper
284 100
142 34.4 26.3 39.5
249 30.4 24.1 36.1



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

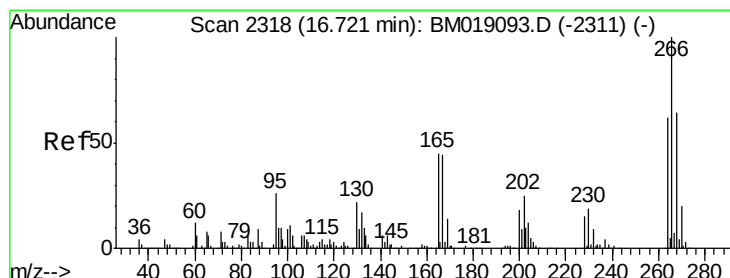
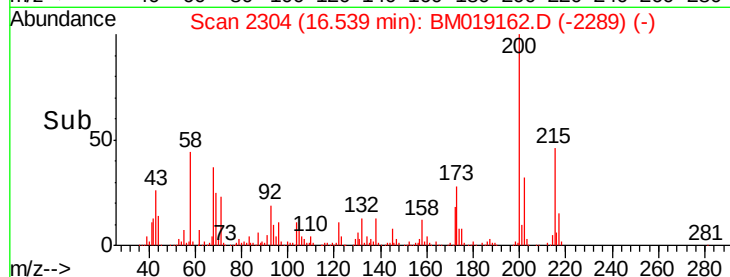
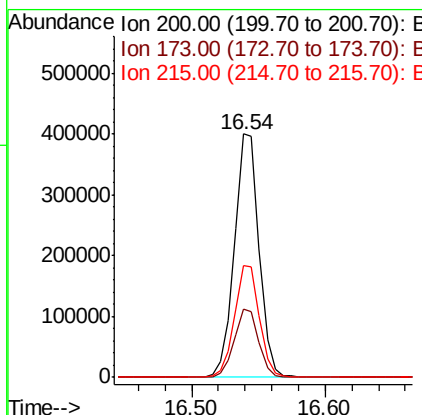
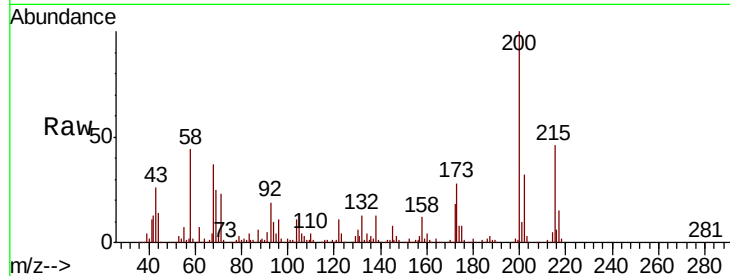




#69
 Atrazine
 Concen: 40.072 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

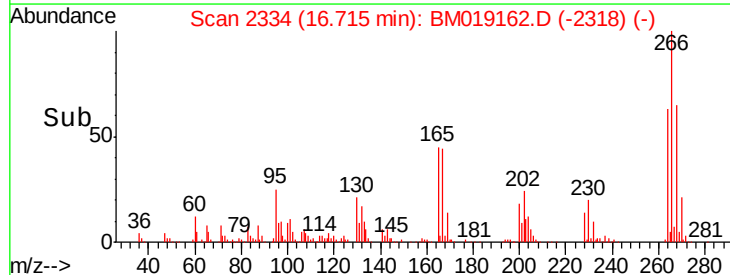
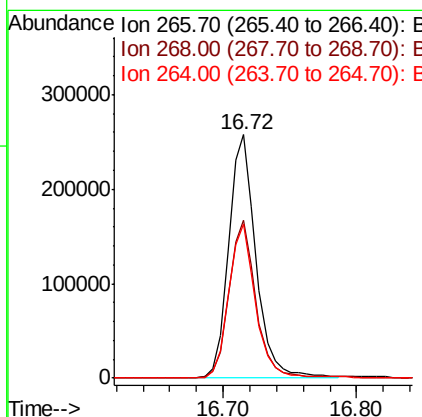
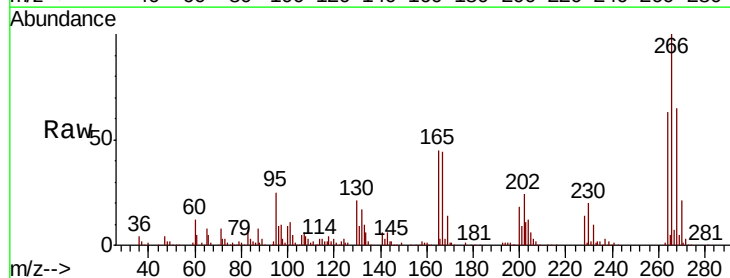
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

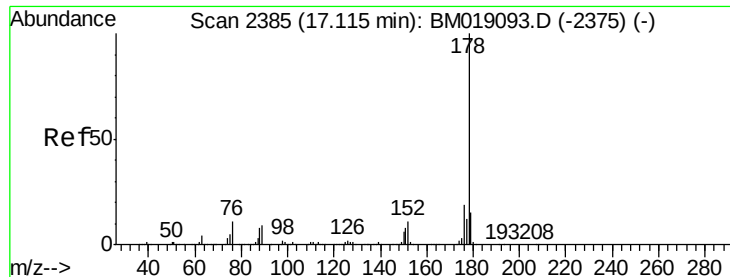
Tot Ion:200 Resp: 515836
 Ion Ratio Lower Upper
 200 100
 173 27.9 7.0 47.0
 215 45.8 27.7 67.7



#70
 Pentachlorophenol
 Concen: 38.821 ng
 RT: 16.72 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

Tgt Ion:266 Resp: 368328
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.3 76.9
 264 63.2 50.0 75.0

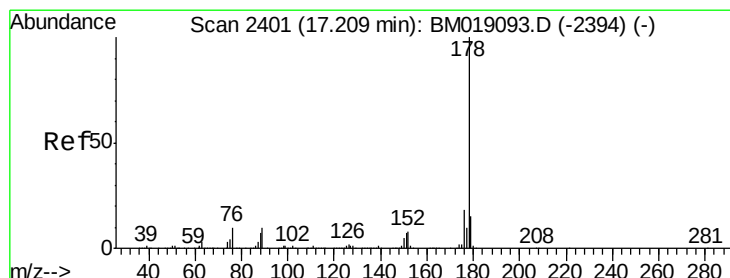
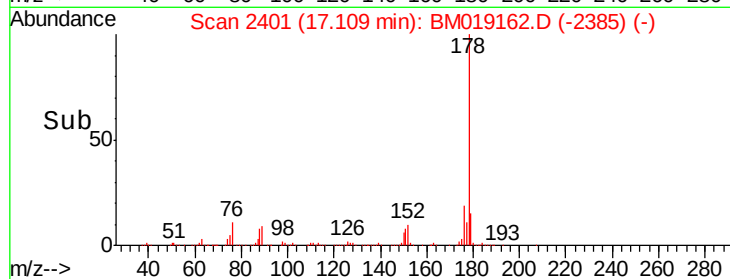
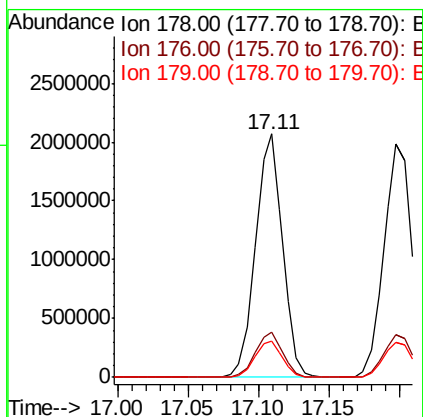
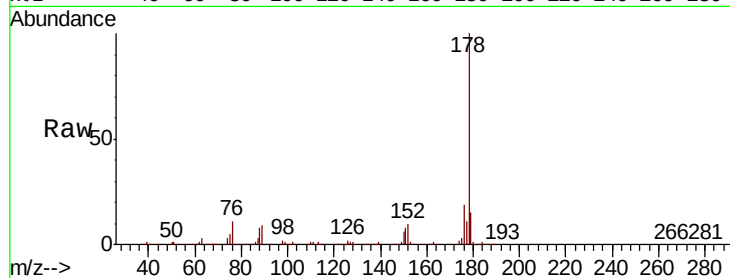




#71
Phenanthrene
Concen: 39.550 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

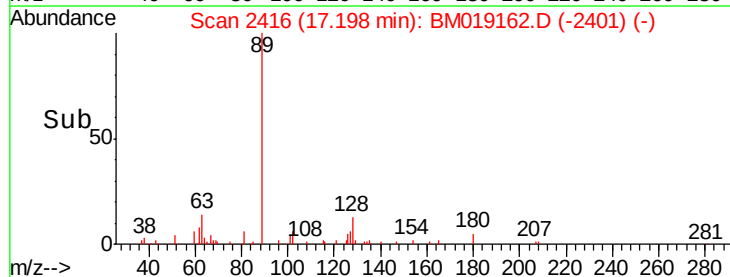
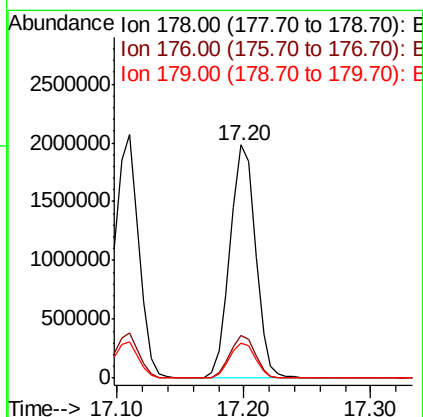
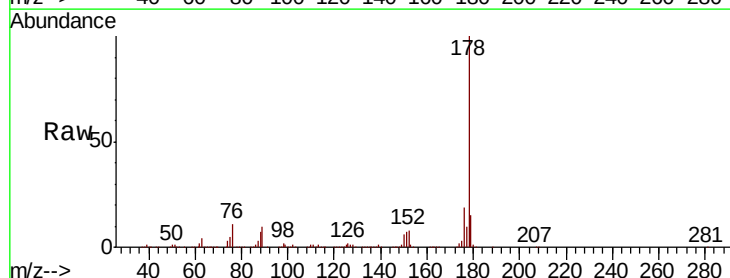
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

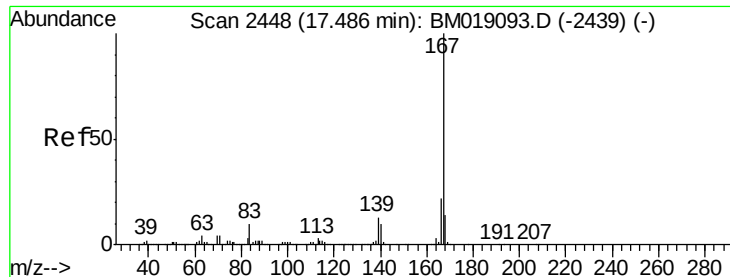
Tot Ion:178 Resp: 2784517
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.9 12.2 18.2



#72
Anthracene
Concen: 39.955 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:178 Resp: 2753803
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.1 11.9 17.9

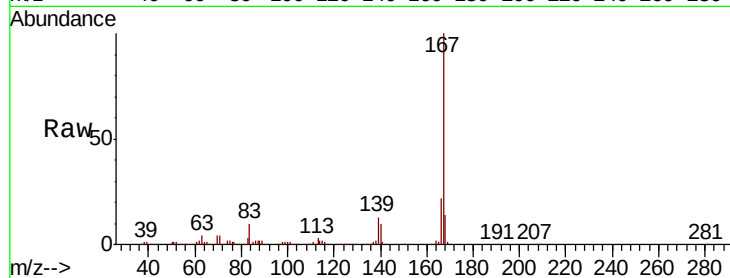




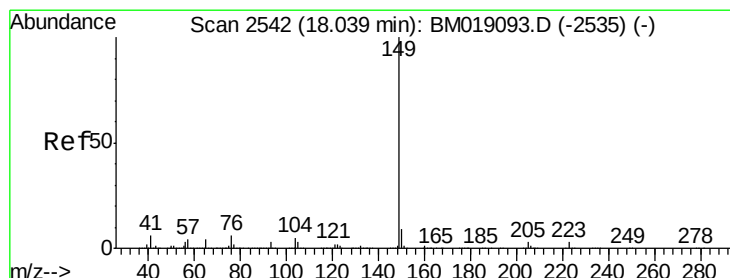
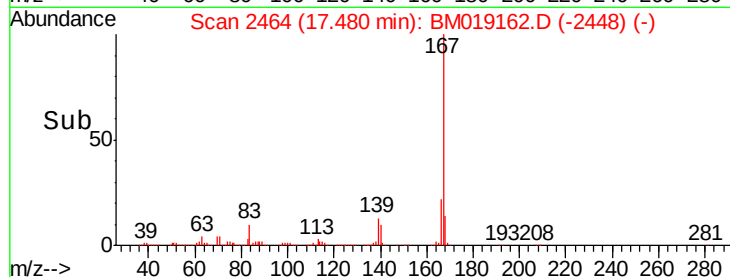
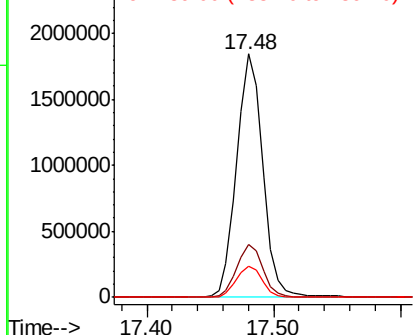
#73
 Carbazole
 Concen: 40.603 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

Instrument :
 BNA_M
 ClientSampleId :
 SSTDC040

Tot Ion:167 Resp: 2641276
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 12.8 10.5 15.7

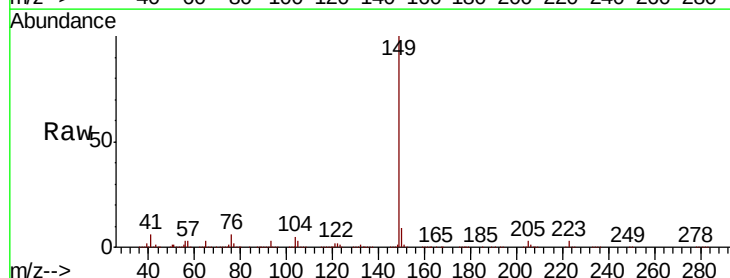


Abundance Ion 167.00 (166.70 to 167.70): E
 2500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

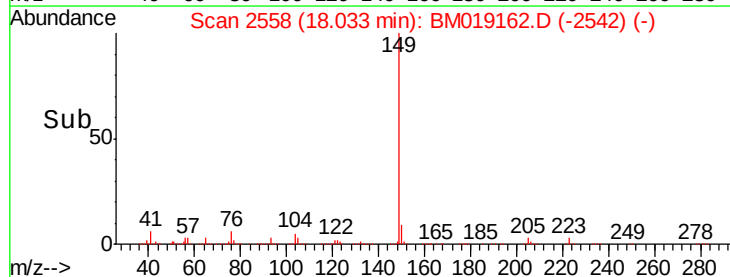
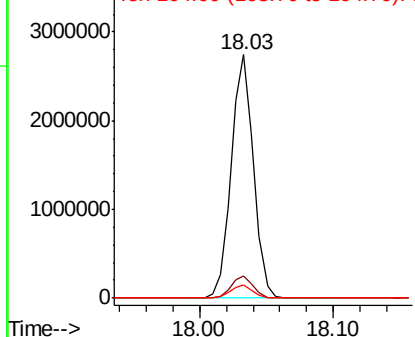


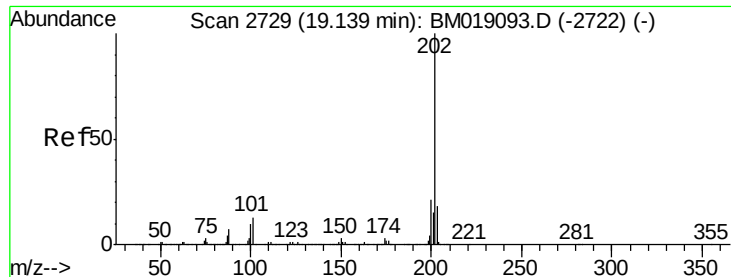
#74
 Di-n-butylphthalate
 Concen: 40.557 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019162.D
 Acq: 14 Mar 2019 10:49

Tgt Ion:149 Resp: 3190381
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.3 4.2 6.4



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





#75

Fluoranthene

Concen: 39.889 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

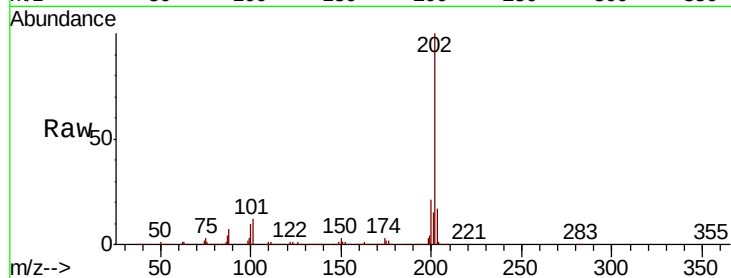
Tot Ion:202 Resp: 3222513

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.0
203	17.4	0.0	37.8

202 100

101 12.3 0.0 33.0

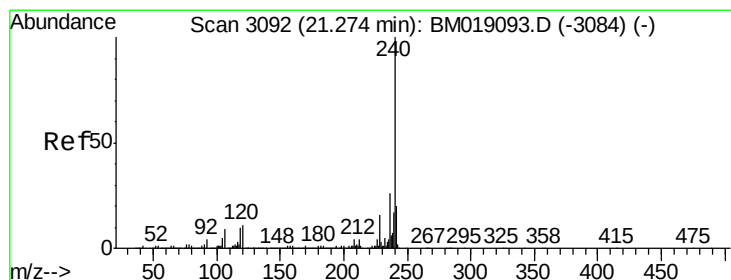
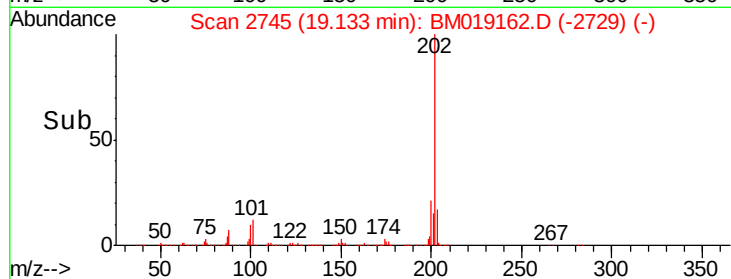
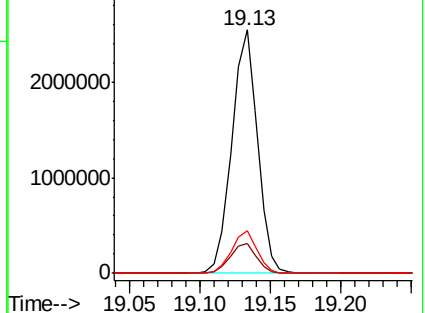
203 17.4 0.0 37.8



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: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

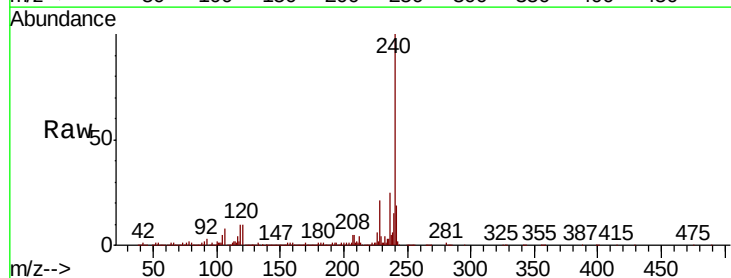
Tgt Ion:240 Resp: 1359329

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.4	21.0	31.4

240 100

120 10.4 8.9 13.3

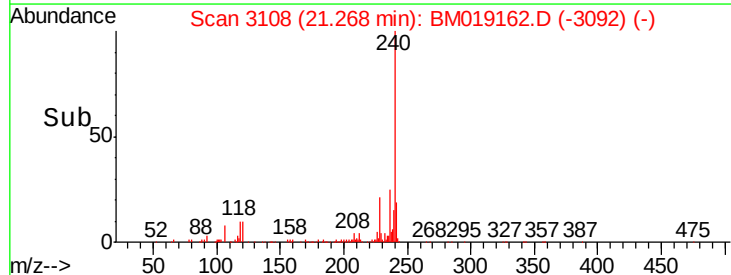
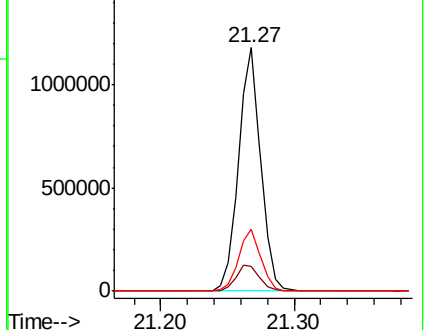
236 25.4 21.0 31.4

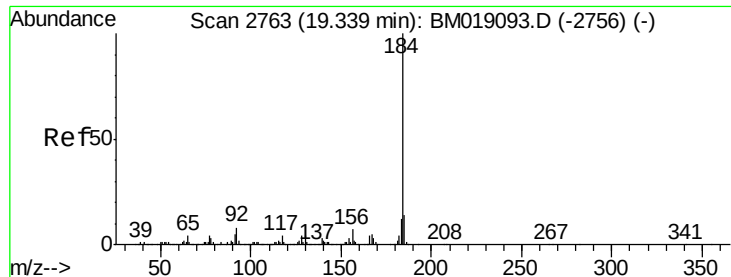


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.602 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

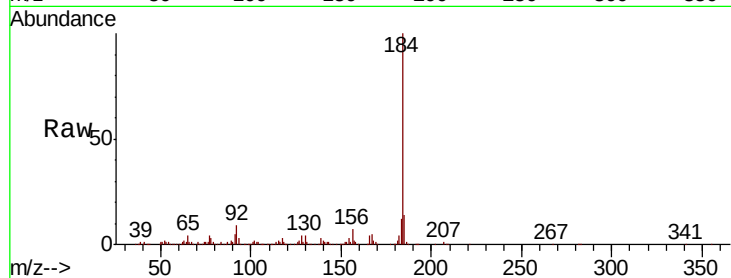
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1796576

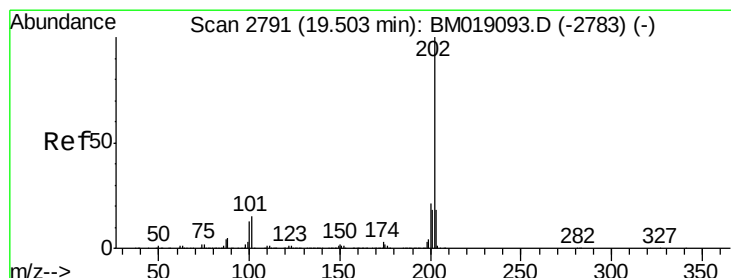
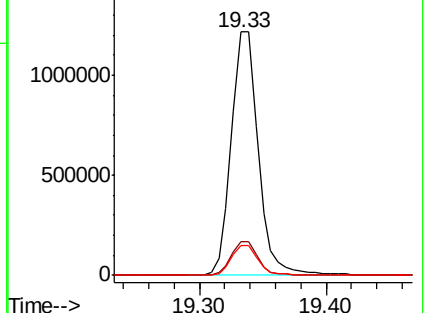
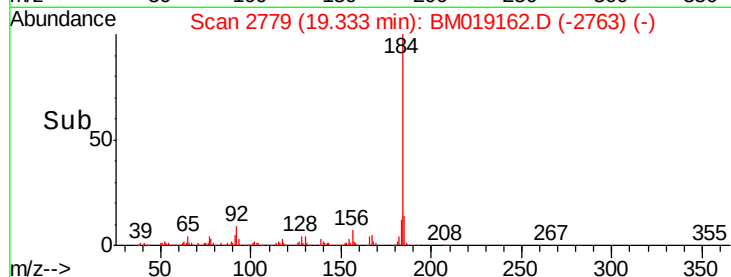
Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.0	16.4
183	12.0	9.8	14.6



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: 38.884 ng

RT: 19.50 min Scan# 2807

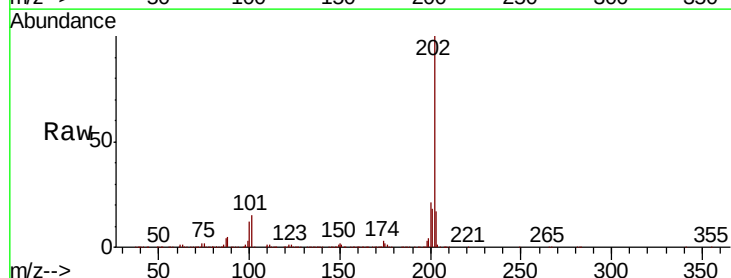
Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Tgt Ion:202 Resp: 3344272

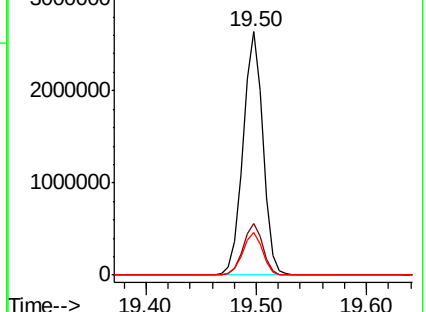
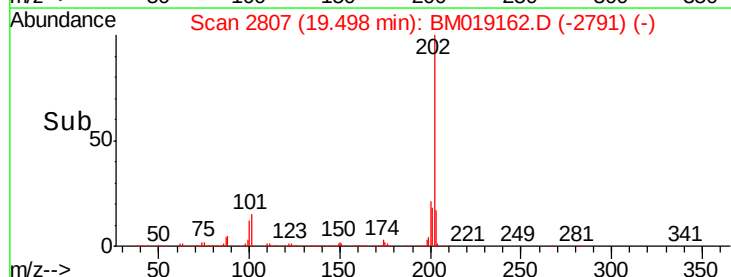
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.4	14.0	21.0

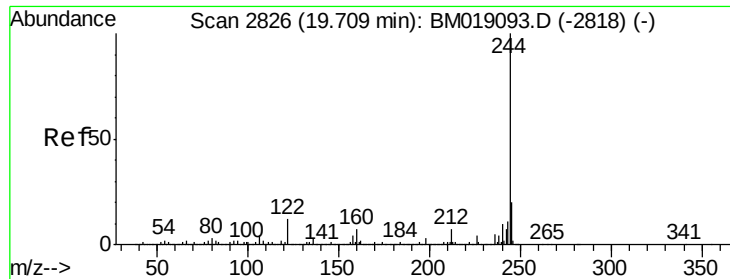


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.462 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

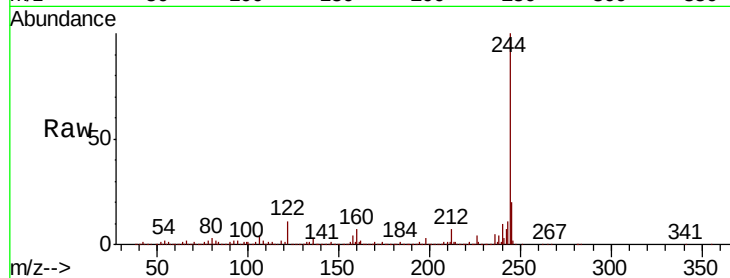
Tot Ion:244 Resp: 5304005

Ion Ratio Lower Upper

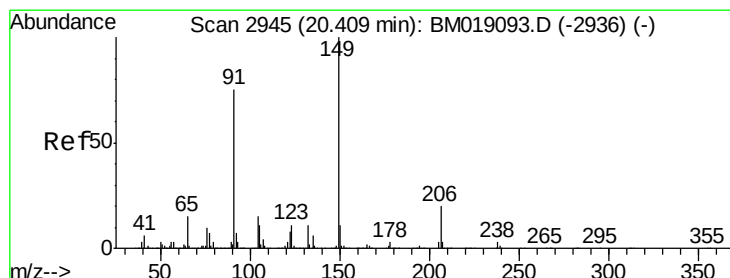
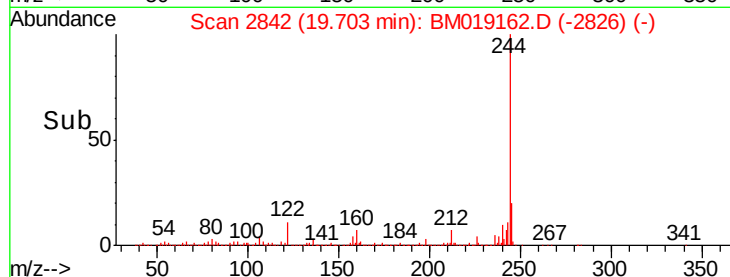
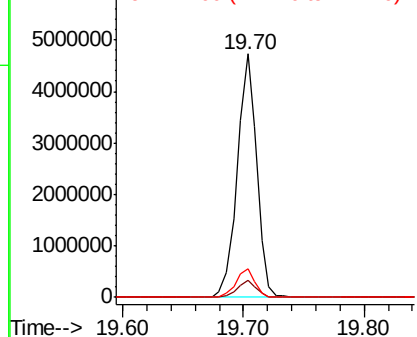
244 100

212 6.8 5.4 8.2

122 11.5 9.4 14.2



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: 41.121 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

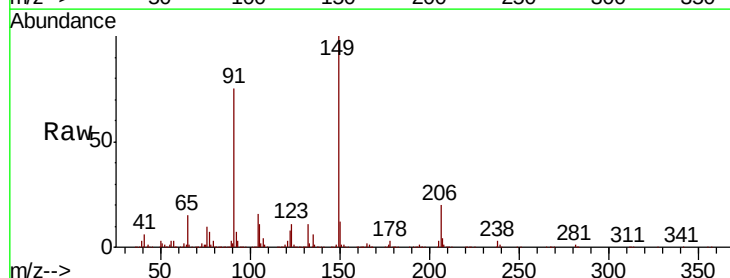
Tgt Ion:149 Resp: 1540399

Ion Ratio Lower Upper

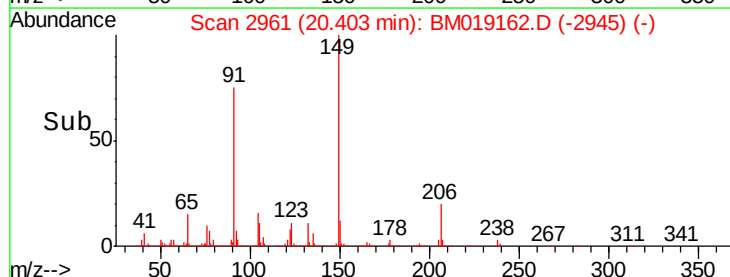
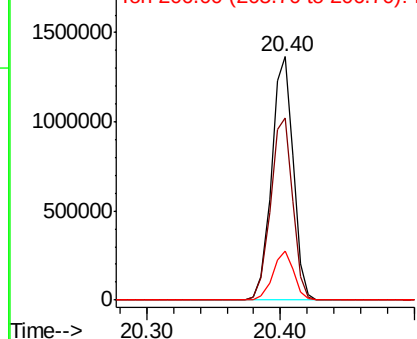
149 100

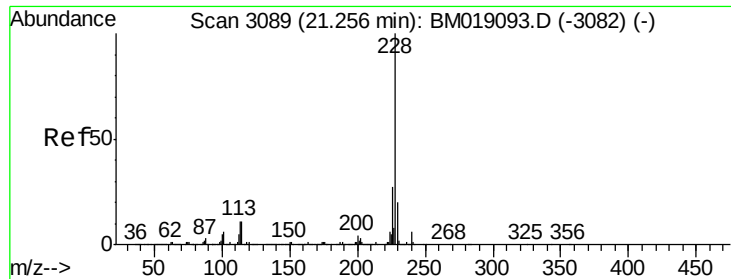
91 75.1 60.1 90.1

206 20.1 16.2 24.2



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: 39.277 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

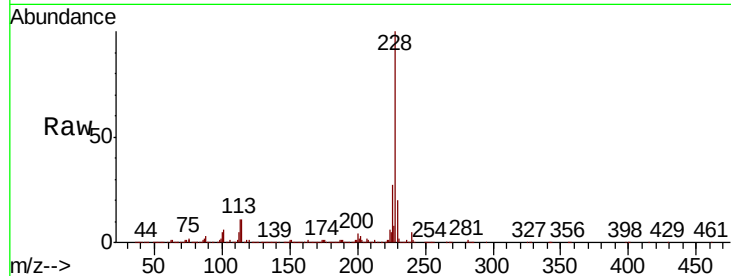
Tot Ion:228 Resp: 3349548

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

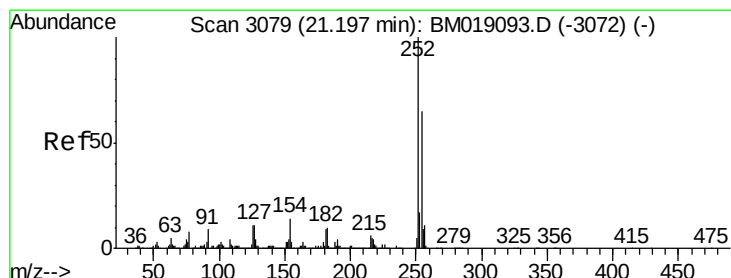
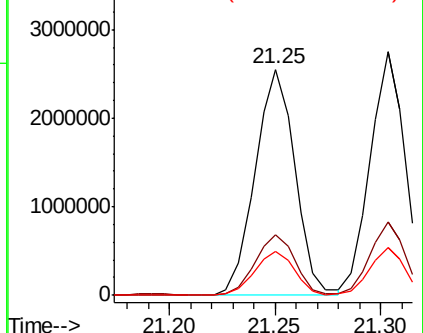
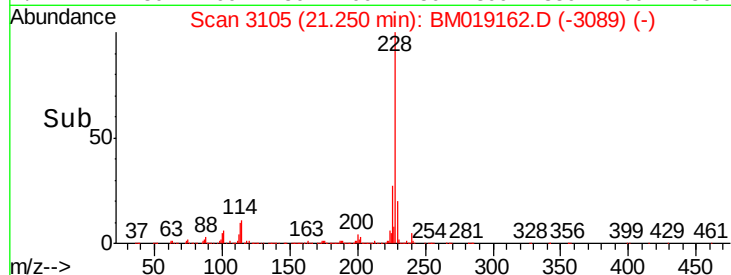
229 19.6 15.8 23.6



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: 40.085 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

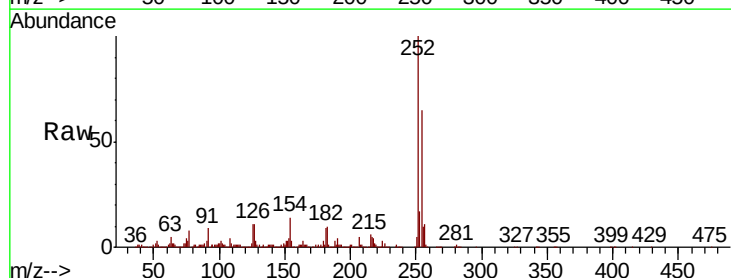
Tgt Ion:252 Resp: 1316899

Ion Ratio Lower Upper

252 100

254 64.9 52.4 78.6

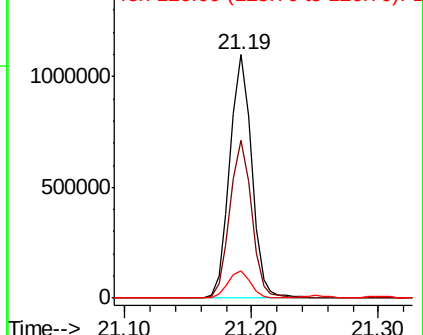
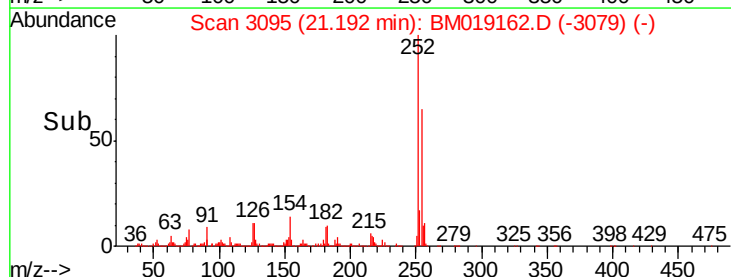
126 11.3 9.0 13.6

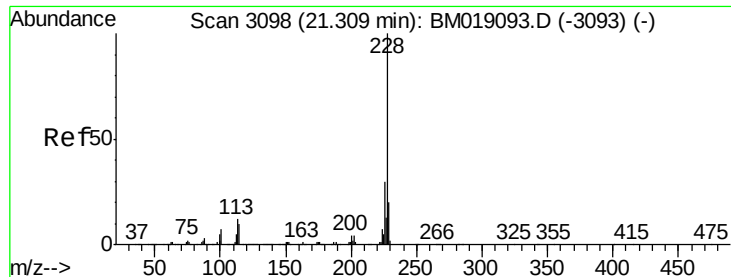


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.863 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

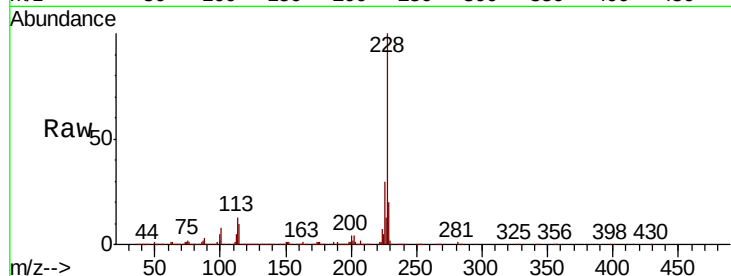
Tot Ion:228 Resp: 3206255

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	19.7	15.7	23.5

228 100

226 30.1 23.8 35.8

229 19.7 15.7 23.5

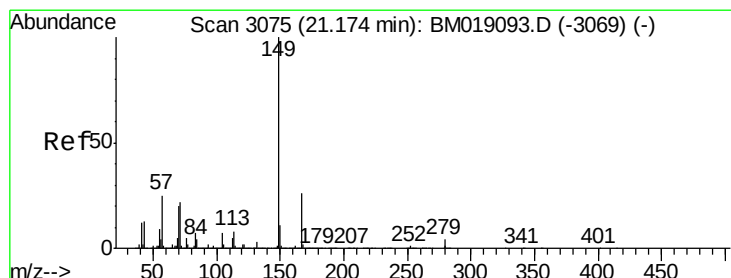
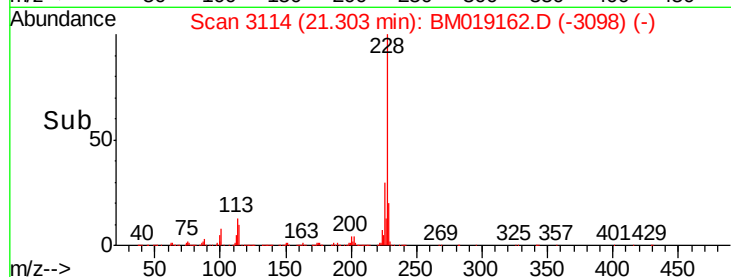
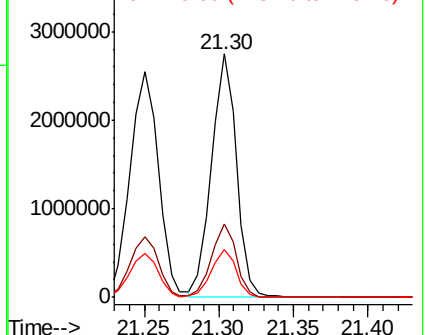


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.533 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

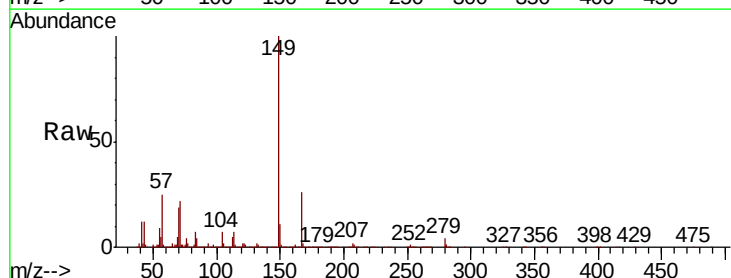
Tgt Ion:149 Resp: 2263486

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.1	31.7
279	4.2	3.2	4.8

149 100

167 26.3 21.1 31.7

279 4.2 3.2 4.8

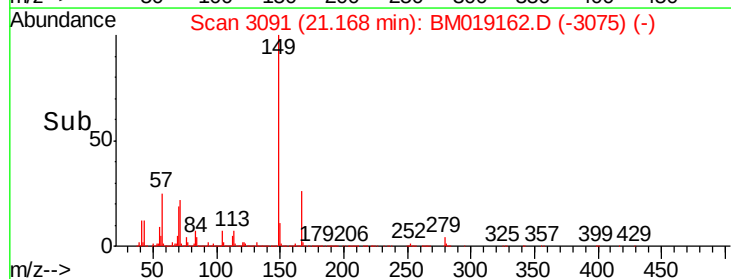
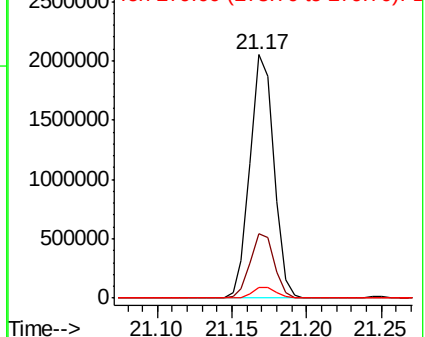


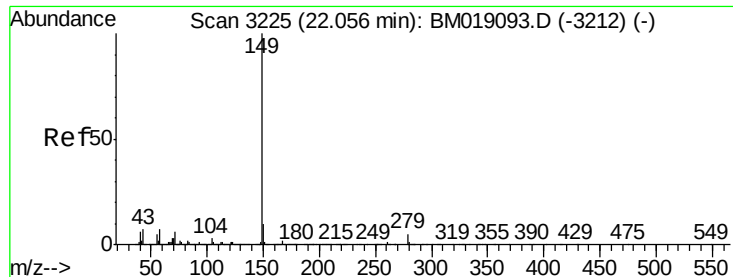
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

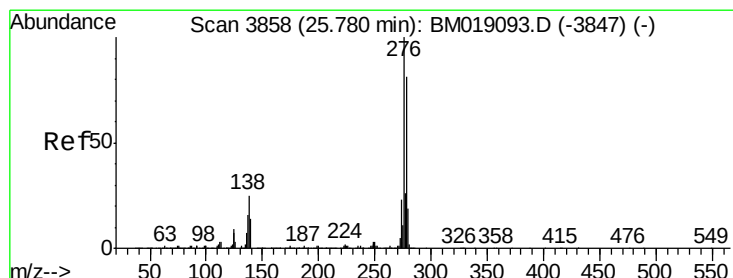
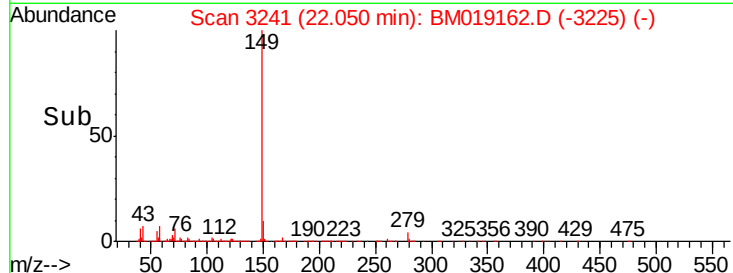
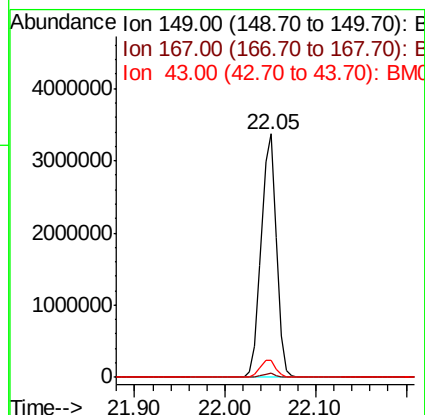
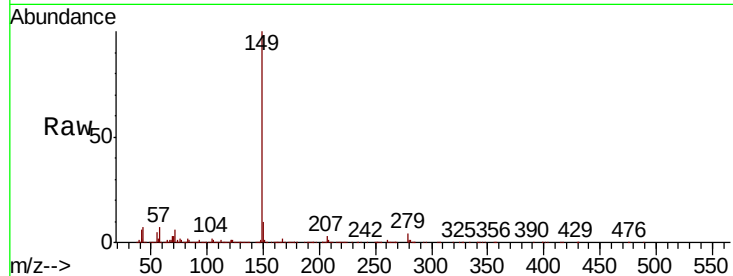




#85
Di-n-octyl phthalate
Concen: 42.588 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

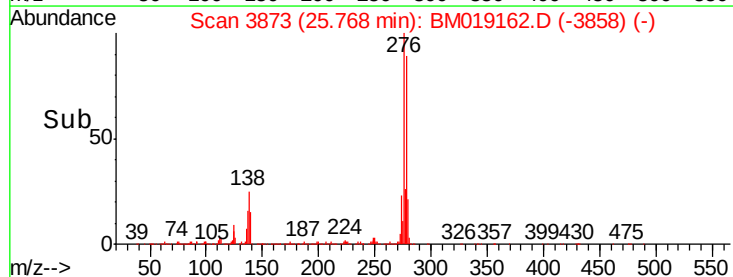
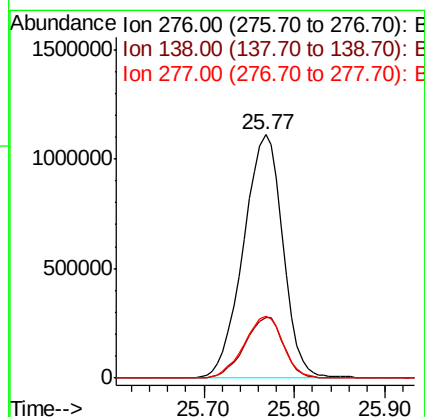
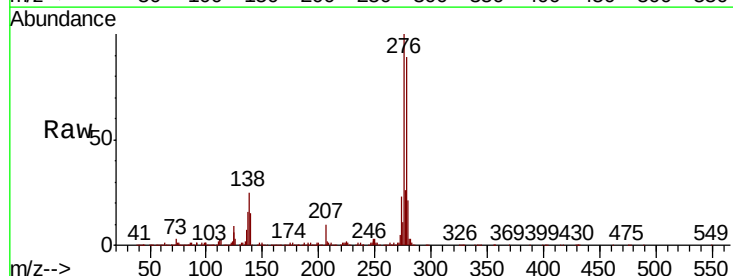
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

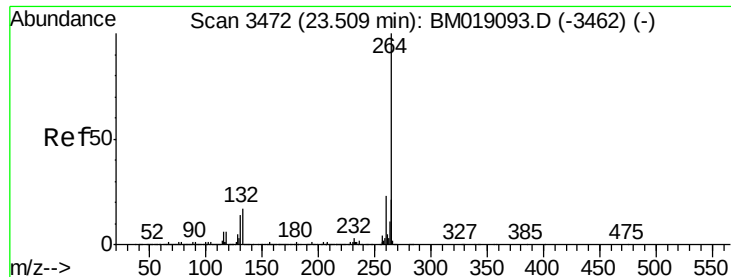
Tot Ion:149 Resp: 3908268
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.1 9.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.906 ng
RT: 25.77 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:276 Resp: 3366514
Ion Ratio Lower Upper
276 100
138 24.6 19.8 29.8
277 25.3 20.3 30.5



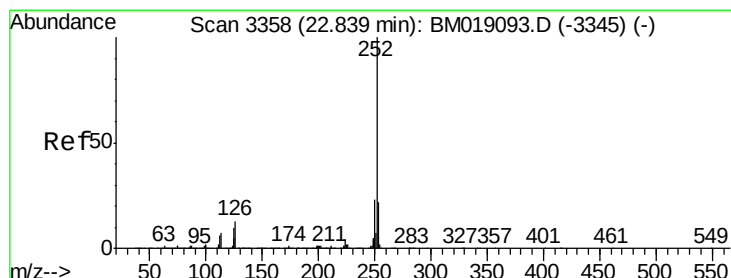
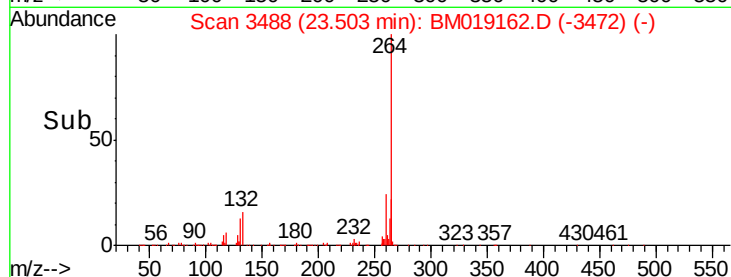
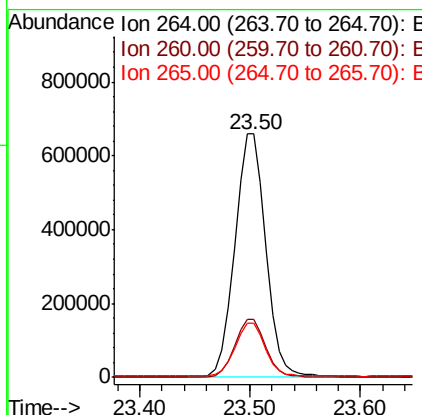
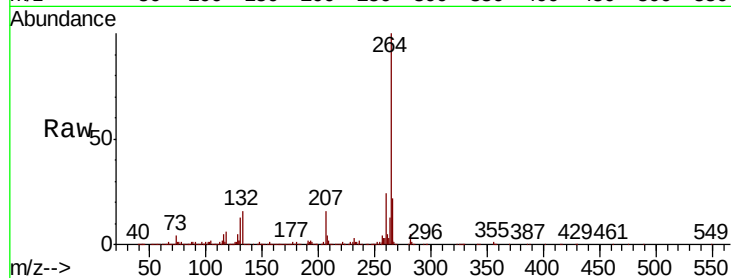


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 1301586

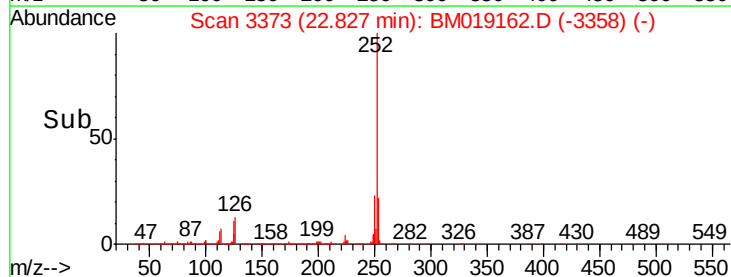
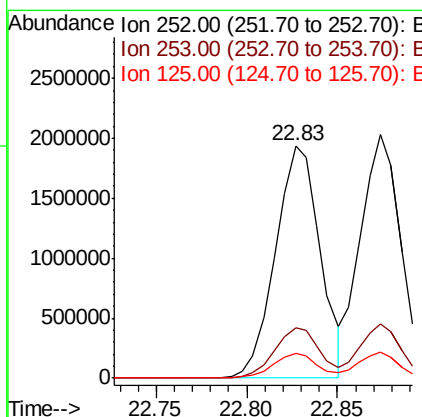
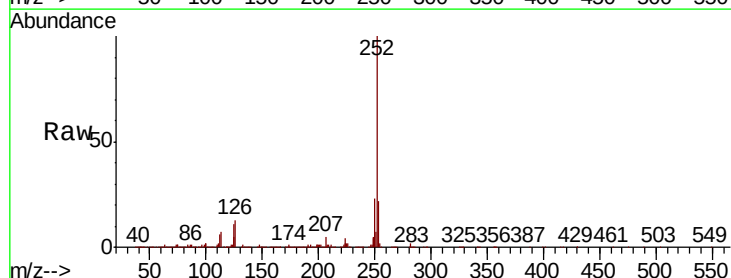
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.1	17.3	25.9

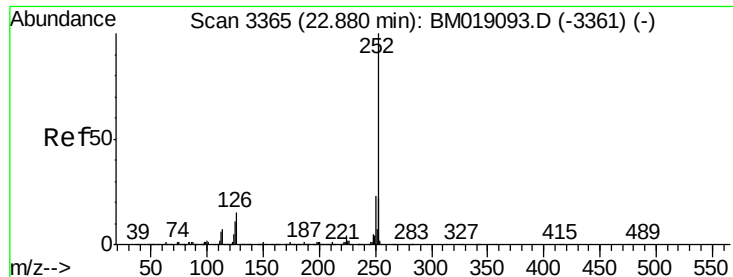


#88
Benzo(b)fluoranthene
Concen: 39.548 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM019162.D
Acq: 14 Mar 2019 10:49

Tgt Ion:252 Resp: 3335446

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.6	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 40.586 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

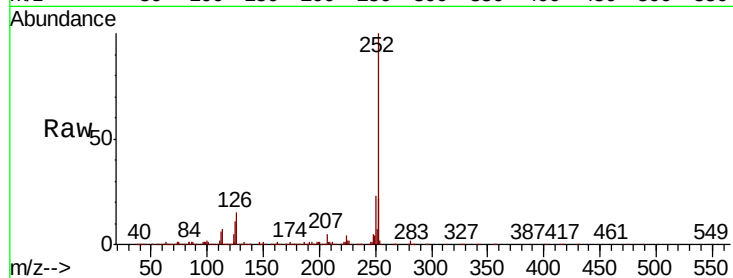
Tot Ion:252 Resp: 3148398

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

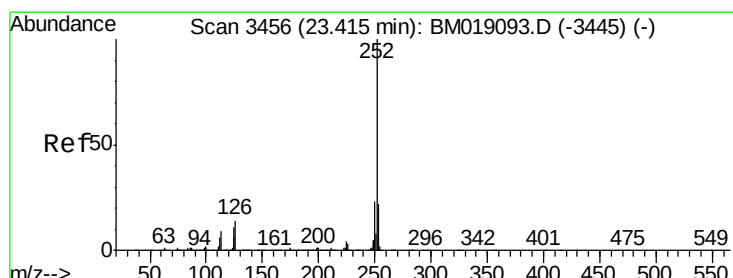
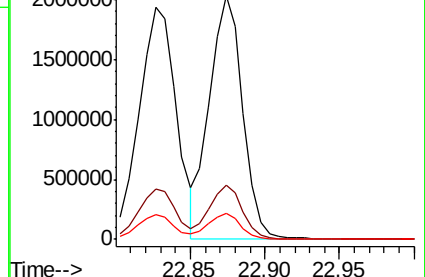
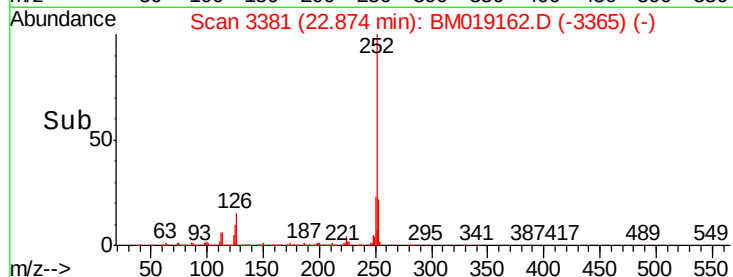
125 10.5 8.8 13.2



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: 39.517 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

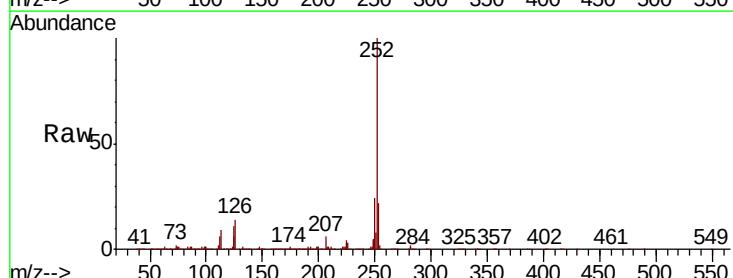
Tgt Ion:252 Resp: 2995138

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

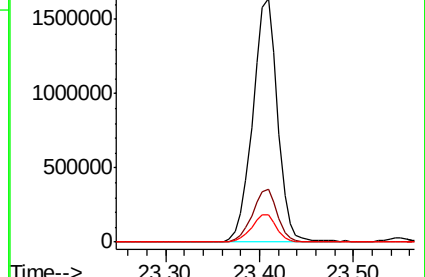
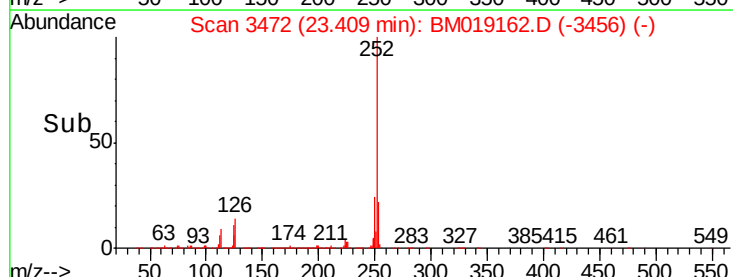
125 11.3 9.2 13.8

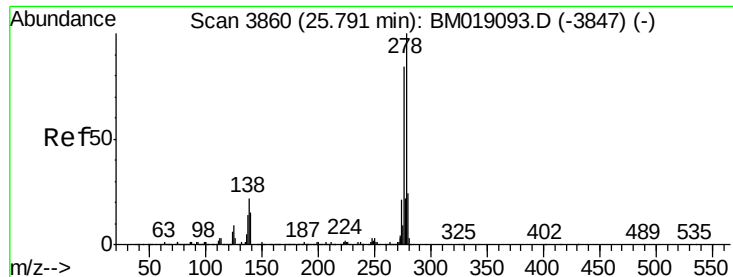


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.129 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Instrument :

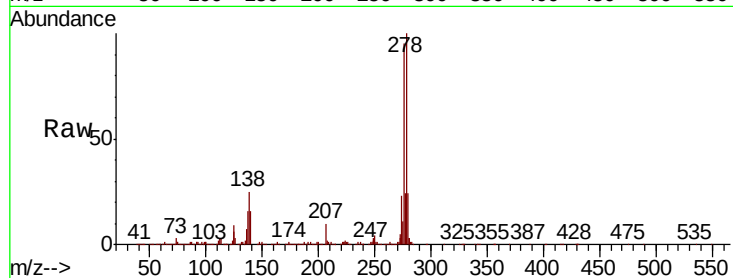
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 2837014

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.3	18.5
279	23.7	18.9	28.3

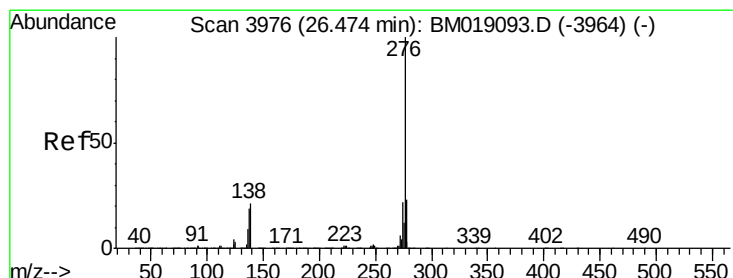
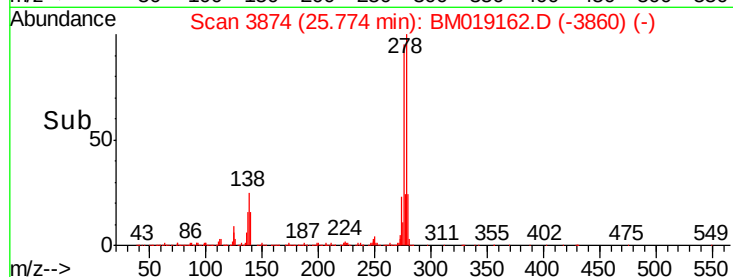
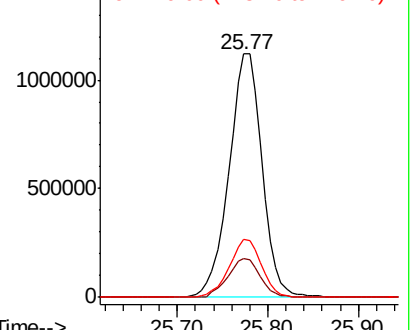


Abundance

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: 39.102 ng

RT: 26.46 min Scan# 3991

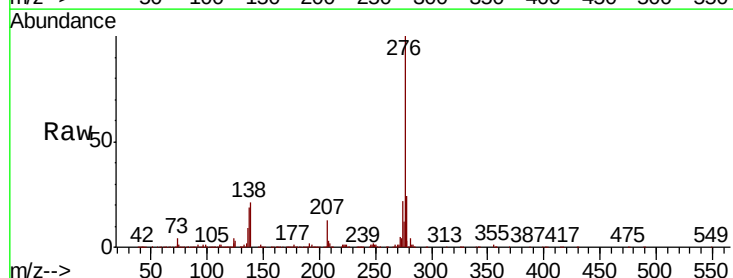
Delta R.T. -0.01 min

Lab File: BM019162.D

Acq: 14 Mar 2019 10:49

Tgt Ion:276 Resp: 2602847

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.7	17.0	25.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

