

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020662.D
 Acq On : 03 Jun 2019 08:45
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 04 04:07:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	250277	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1066853	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	559816	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1144707	20.00	ng	0.00
76) Chrysene-d12	21.39	240	999544	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1129590	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1185809	83.34	ng	0.00
7) Phenol-d6	6.99	99	1643840	78.47	ng	0.00
23) Nitrobenzene-d5	8.99	82	1700567	82.59	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	556835	80.28	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	3558876	84.52	ng	0.00
79) Terphenyl-d14	19.83	244	4616362	77.25	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	247749	42.531	ng	98
3) Pyridine	3.74	79	782811	42.237	ng	99
4) n-Nitrosodimethylamine	3.66	42	310627	38.880	ng	95
6) Aniline	7.16	93	1170094	38.600	ng	99
8) 2-Chlorophenol	7.39	128	704359	39.794	ng	99
9) Benzaldehyde	6.97	77	482815	39.415	ng	99
10) Phenol	7.02	94	884222	39.165	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	702895	39.066	ng	99
12) 1,3-Dichlorobenzene	7.72	146	828012	40.704	ng	99
13) 1,4-Dichlorobenzene	7.86	146	834965	40.375	ng	100
14) 1,2-Dichlorobenzene	8.18	146	799279	39.715	ng	99
15) Benzyl Alcohol	8.07	79	679383	36.657	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1011953	36.429	ng	99
17) 2-Methylphenol	8.26	107	599941	37.790	ng	98
18) Hexachloroethane	8.90	117	310089	39.164	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	591348	35.115	ng	98
20) 3+4-Methylphenols	8.59	107	803112	37.181	ng	99
22) Acetophenone	8.65	105	1084420	40.013	ng	# 98
24) Nitrobenzene	9.03	77	865694	41.183	ng	98
25) Isophorone	9.55	82	1531293	37.386	ng	99
26) 2-Nitrophenol	9.74	139	345855	44.146	ng	98
27) 2,4-Dimethylphenol	9.79	122	585308	39.871	ng	98
28) bis(2-Chloroethoxy)methane	10.04	93	956908	38.639	ng	99
29) 2,4-Dichlorophenol	10.26	162	650808	40.070	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	764434	40.932	ng	100
31) Naphthalene	10.67	128	2215690	40.387	ng	99
32) Benzoic acid	9.92	122	361590	40.081	ng	97
33) 4-Chloroaniline	10.78	127	991809	38.846	ng	98
34) Hexachlorobutadiene	10.95	225	452509	40.382	ng	98
35) Caprolactam	11.57	113	212085	37.588	ng	99
36) 4-Chloro-3-methylphenol	11.90	107	698847	37.008	ng	99
37) 2-Methylnaphthalene	12.28	142	1561234	38.393	ng	99
38) 1-Methylnaphthalene	12.50	142	1471599	38.006	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	775196	42.255	ng	99

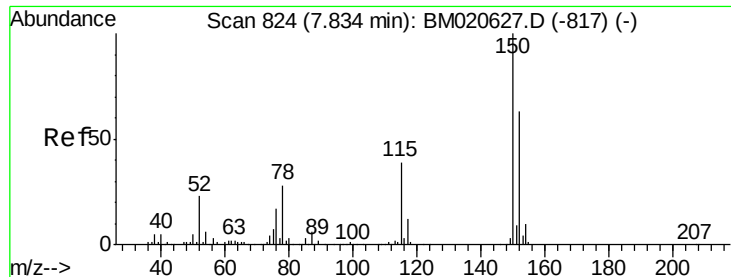
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
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 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	381556	34.775	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	502739	42.573	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	525432	43.099	ng	96
46) 1,1'-Biphenyl	13.30	154	1967794	42.088	ng	99
47) 2-Chloronaphthalene	13.34	162	1588224	42.089	ng	99
48) 2-Nitroaniline	13.55	65	497174	41.978	ng	91
49) Acenaphthylene	14.19	152	2411977	40.966	ng	100
50) Dimethylphthalate	13.93	163	1893875	39.598	ng	100
51) 2,6-Dinitrotoluene	14.05	165	396083	40.785	ng	96
52) Acenaphthene	14.53	154	1430560	40.772	ng	99
53) 3-Nitroaniline	14.37	138	445368	41.087	ng	96
54) 2,4-Dinitrophenol	14.58	184	142150	38.196	ng	94
55) Dibenzofuran	14.86	168	2187804	40.147	ng	100
56) 4-Nitrophenol	14.67	139	320663	40.144	ng	95
57) 2,4-Dinitrotoluene	14.83	165	525750	40.432	ng	96
58) Fluorene	15.52	166	1774449	39.595	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	430883	40.560	ng	99
60) Diethylphthalate	15.29	149	1878802	38.088	ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	917229	38.656	ng	98
62) 4-Nitroaniline	15.54	138	463152	40.288	ng	95
63) Azobenzene	15.80	77	1796991	37.999	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	192621	39.002	ng	97
66) n-Nitrosodiphenylamine	15.73	169	1508148	41.156	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	542650	40.263	ng	98
68) Hexachlorobenzene	16.51	284	636810	40.463	ng	98
69) Atrazine	16.67	200	463851	42.412	ng	98
70) Pentachlorophenol	16.85	266	323506	43.088	ng	100
71) Phenanthrene	17.25	178	2647514	40.803	ng	99
72) Anthracene	17.34	178	2619258	40.332	ng	100
73) Carbazole	17.62	167	2391789	40.585	ng	100
74) Di-n-butylphthalate	18.18	149	2991270	39.100	ng	100
75) Fluoranthene	19.26	202	2880521	39.920	ng	99
77) Benzidine	19.46	184	1298098	42.860	ng	100
78) Pyrene	19.63	202	2930060	38.200	ng	100
80) Butylbenzylphthalate	20.53	149	1256014	38.748	ng	96
81) Benzo(a)anthracene	21.37	228	2798849	40.209	ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	1079811	42.363	ng	99
83) Chrysene	21.42	228	2684370	40.570	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1814443	38.514	ng	100
85) Di-n-octyl phthalate	22.20	149	3033704	40.560	ng	99
86) Indeno(1,2,3-cd)pyrene	26.01	276	3400867	50.241	ng	100
88) Benzo(b)fluoranthene	22.99	252	2888490	38.689	ng	100
89) Benzo(k)fluoranthene	23.03	252	2768614	37.947	ng	100
90) Benzo(a)pyrene	23.58	252	2681113	39.591	ng	100
91) Dibenzo(a,h)anthracene	26.02	278	2827066	43.030	ng	99
92) Benzo(g,h,i)perylene	26.71	276	2669736	43.748	ng	99

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

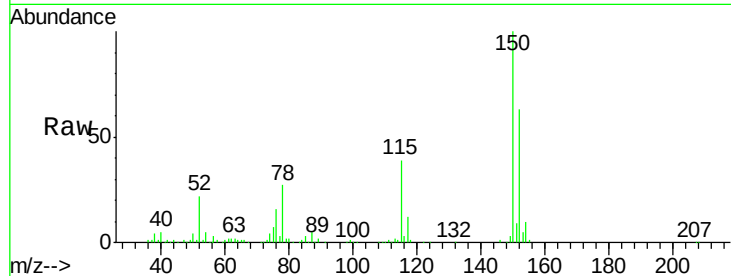


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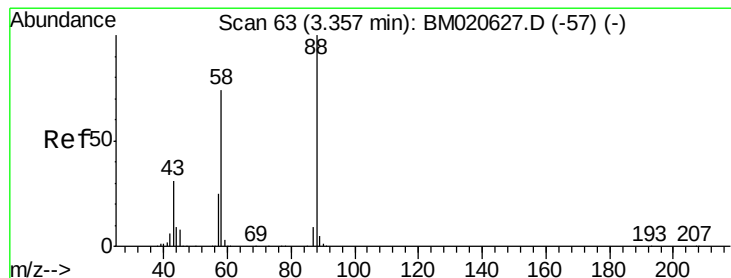
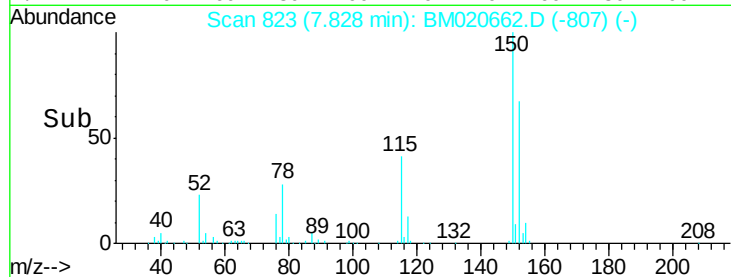
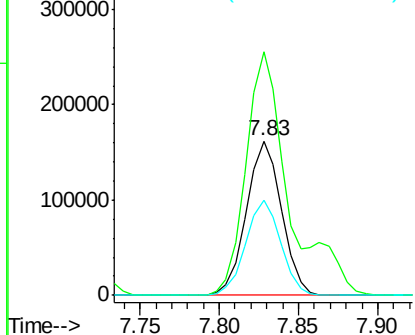
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 250277
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.0 189.0
 115 61.8 49.6 74.4



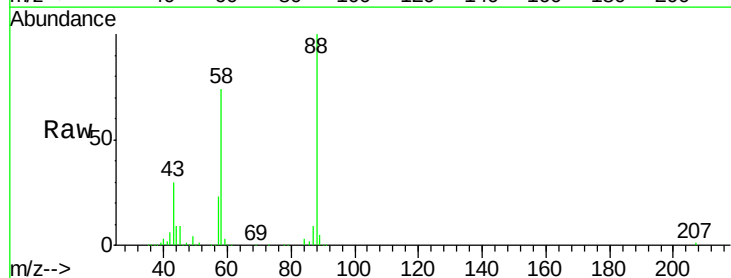
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



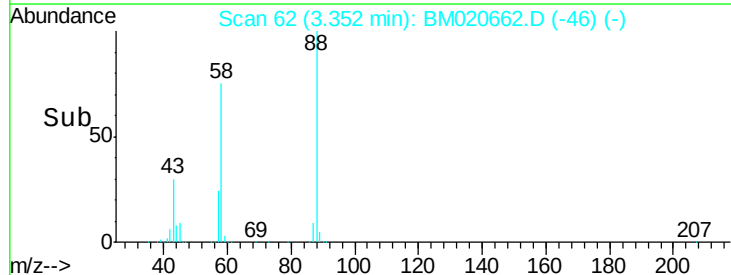
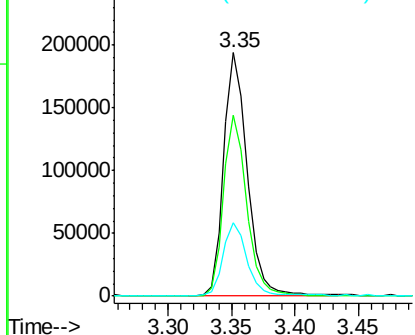
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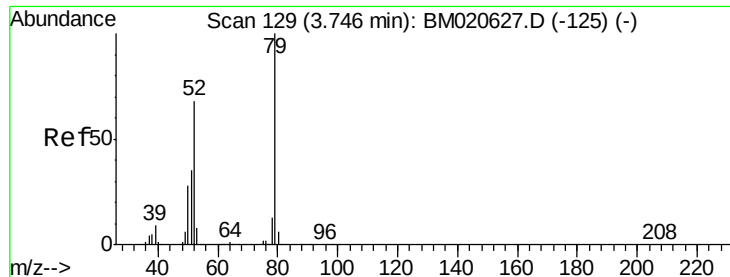
1,4-Dioxane
 Concen: 42.531 ng
 RT: 3.35 min Scan# 62
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Tgt Ion: 88 Resp: 247749
 Ion Ratio Lower Upper
 88 100
 58 74.2 60.2 90.4
 43 30.4 25.3 37.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
 Ion 58.00 (57.70 to 58.70): BM0
 Ion 43.00 (42.70 to 43.70): BM0

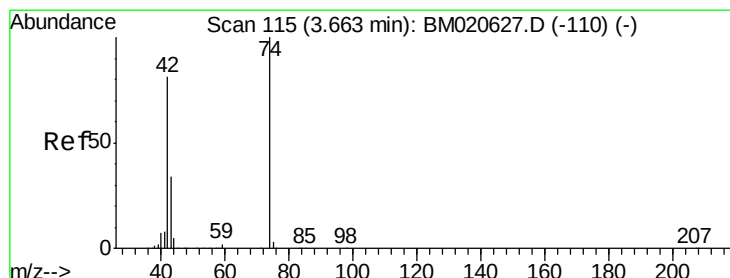
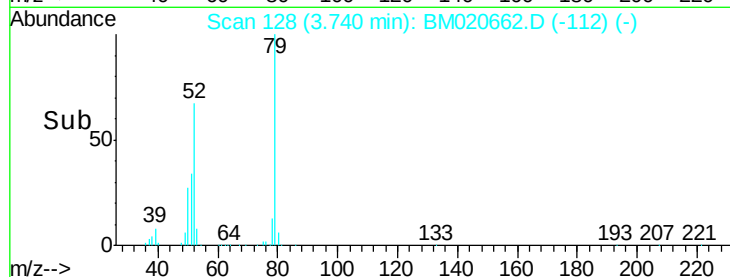
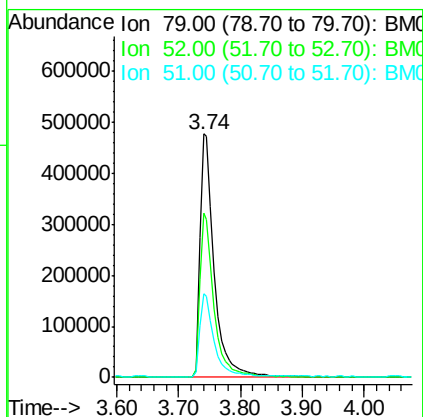
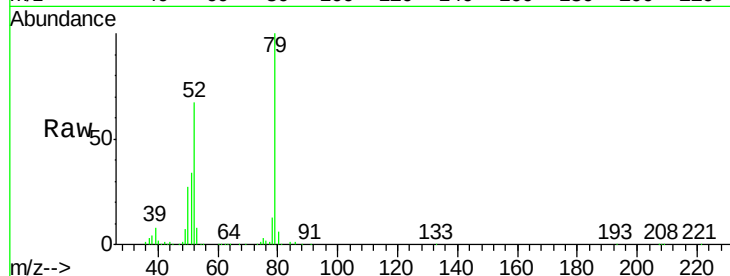




#3
 Pvridine
 Concen: 42.237 ng
 RT: 3.74 min Scan# 128
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

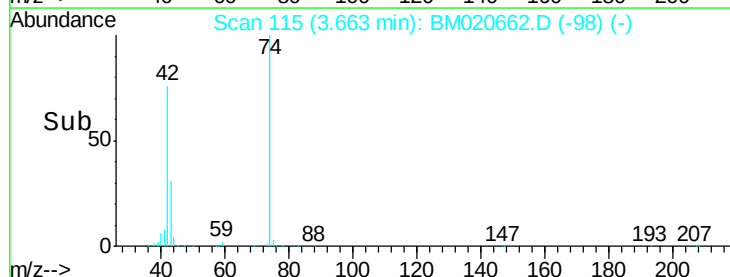
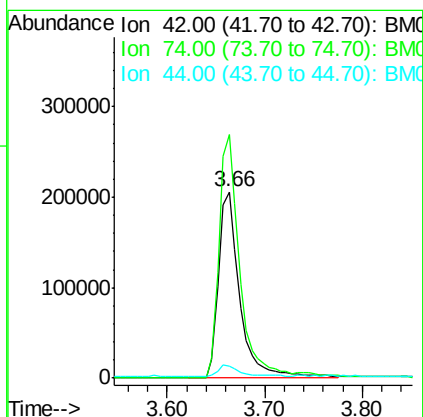
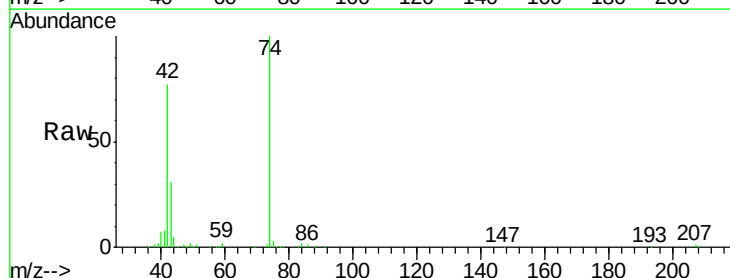
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

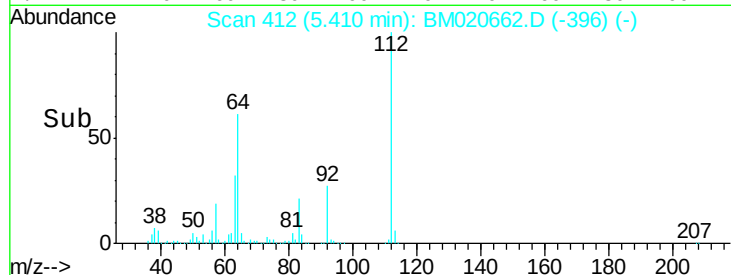
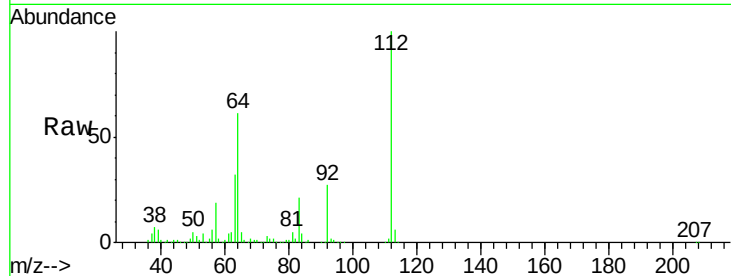
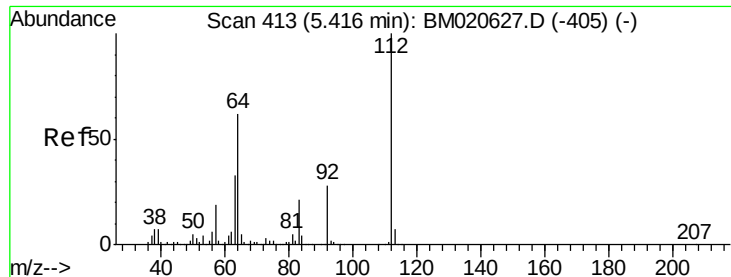
Tot Ion: 79 Resp: 782811
 Ion Ratio Lower Upper
 79 100
 52 67.3 54.1 81.1
 51 34.4 28.6 42.8



#4
 n-Nitrosodimethylamine
 Concen: 38.880 ng
 RT: 3.66 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Tgt Ion: 42 Resp: 310627
 Ion Ratio Lower Upper
 42 100
 74 130.5 99.4 149.0
 44 6.7 5.8 8.8





#5

2-Fluorophenol

Concen: 83.344 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

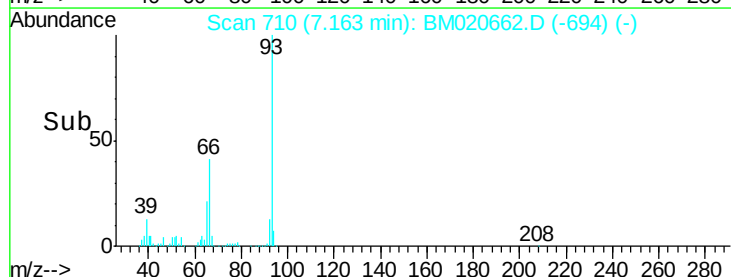
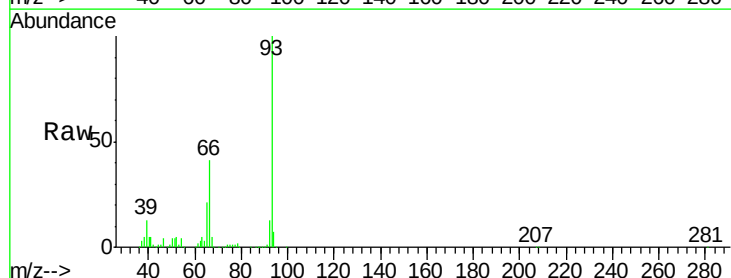
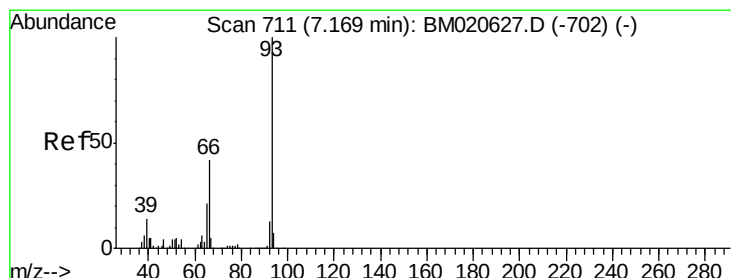
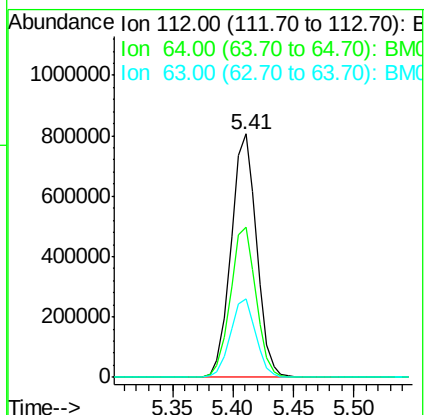
Tot Ion:112 Resp: 1185809

Ion Ratio Lower Upper

112 100

64 61.5 49.7 74.5

63 32.4 26.4 39.6



#6

Aniline

Concen: 38.600 ng

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

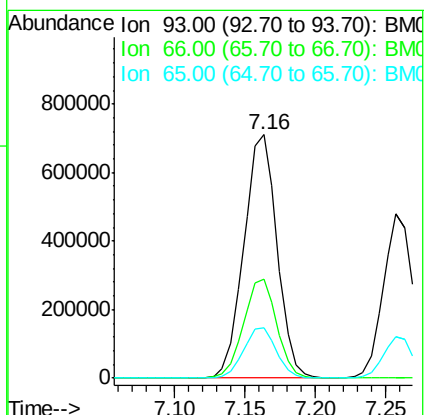
Tgt Ion: 93 Resp: 1170094

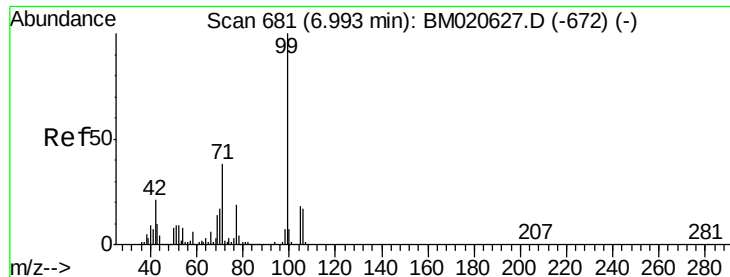
Ion Ratio Lower Upper

93 100

66 40.8 33.6 50.4

65 20.6 16.7 25.1





#7

Phenol-d6

Concen: 78.465 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

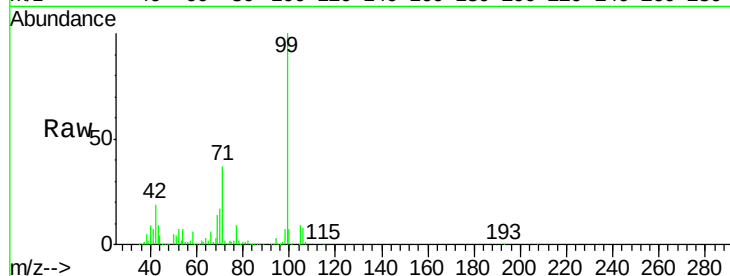
Tot Ion: 99 Resp: 1643840

Ion Ratio Lower Upper

99 100

42 18.8 16.5 24.7

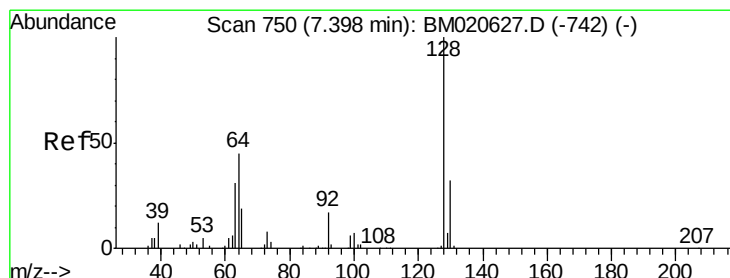
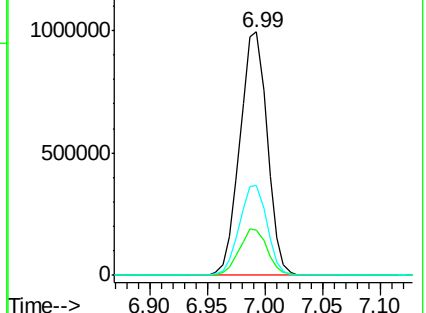
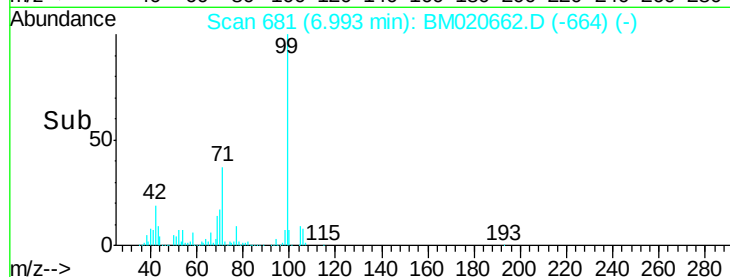
71 36.9 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020662.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020662.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020662.D (-664) (-)



#8

2-Chlorophenol

Concen: 39.794 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

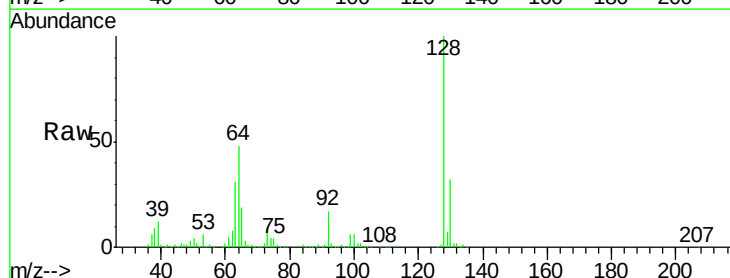
Tgt Ion: 128 Resp: 704359

Ion Ratio Lower Upper

128 100

130 31.7 12.2 52.2

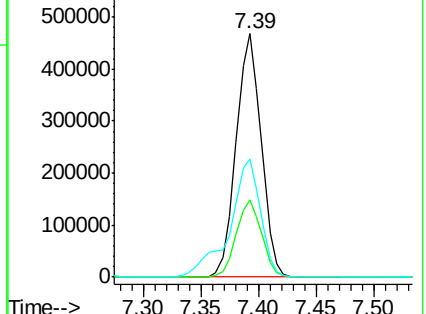
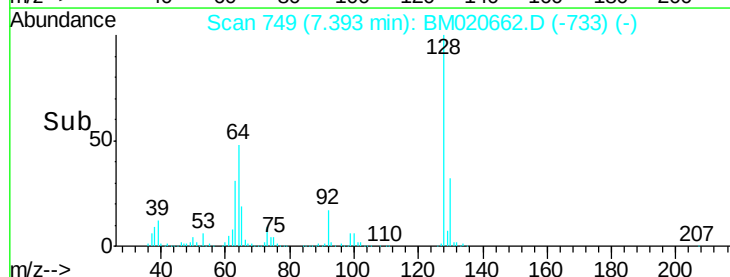
64 48.5 29.1 69.1

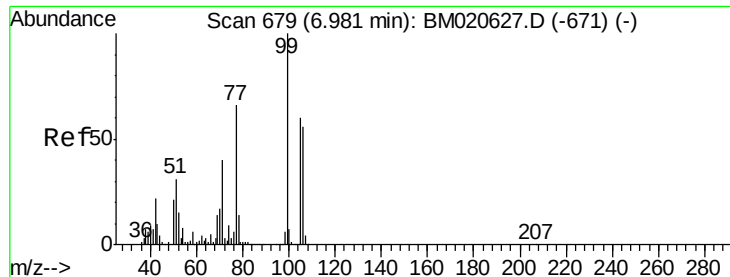


Abundance Ion 128.00 (127.70 to 128.70): BM020662.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020662.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020662.D (-733) (-)





#9

Benzaldehyde

Concen: 39.415 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

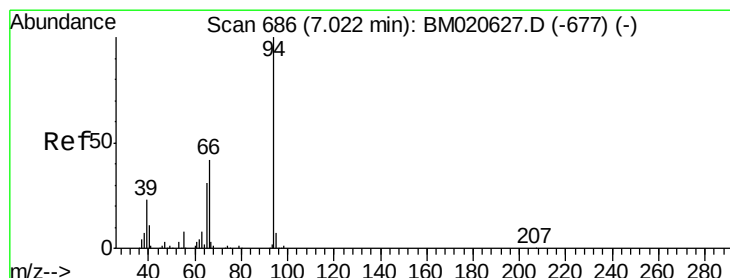
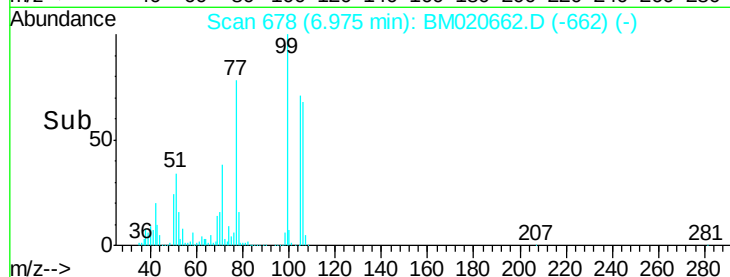
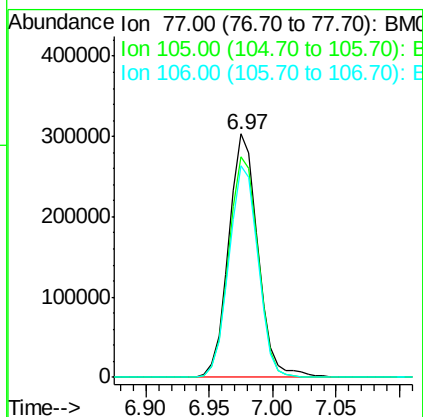
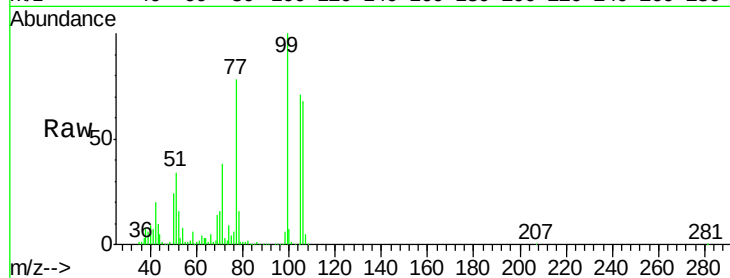
Tot Ion: 77 Resp: 482815

Ion Ratio Lower Upper

77 100

105 90.7 70.6 110.6

106 86.7 64.9 104.9



#10

Phenol

Concen: 39.165 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

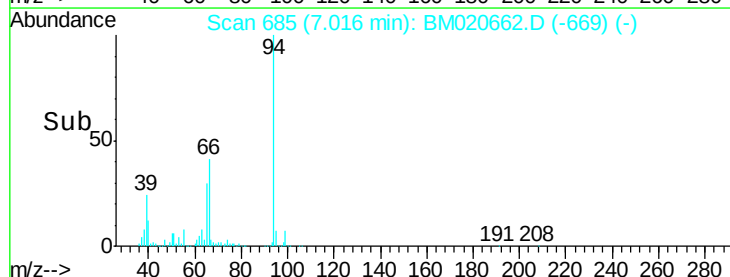
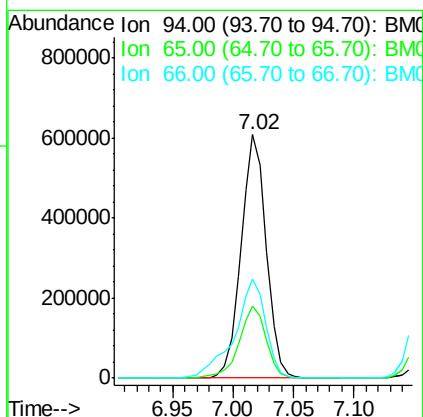
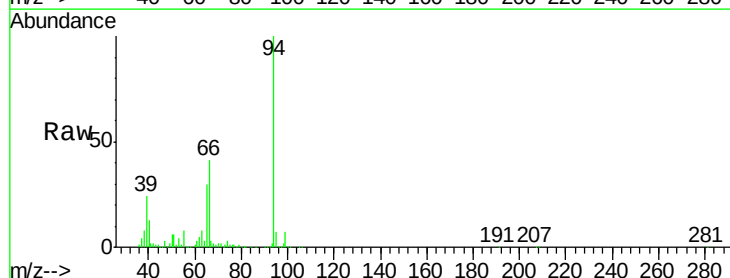
Tgt Ion: 94 Resp: 884222

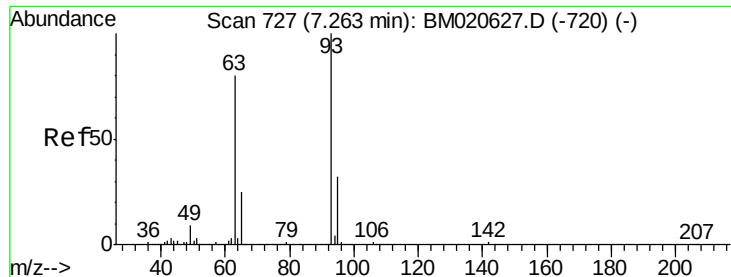
Ion Ratio Lower Upper

94 100

65 29.8 10.7 50.7

66 40.8 22.3 62.3

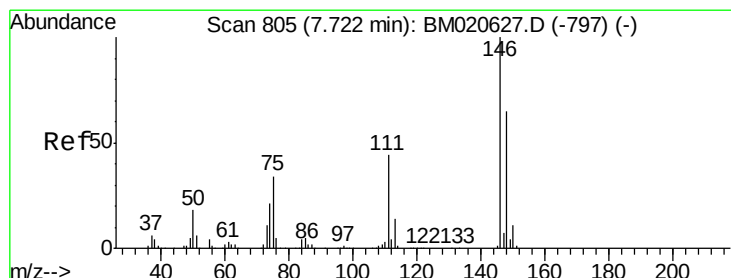
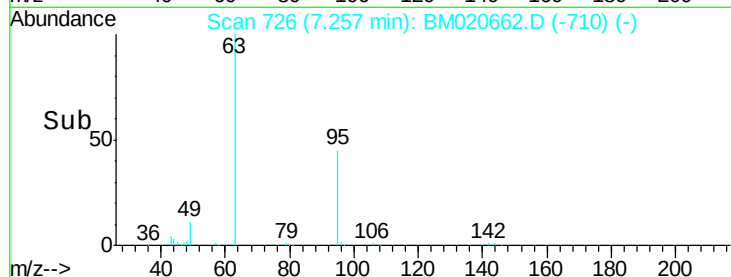
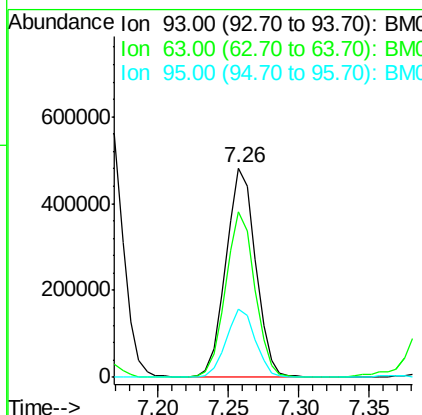
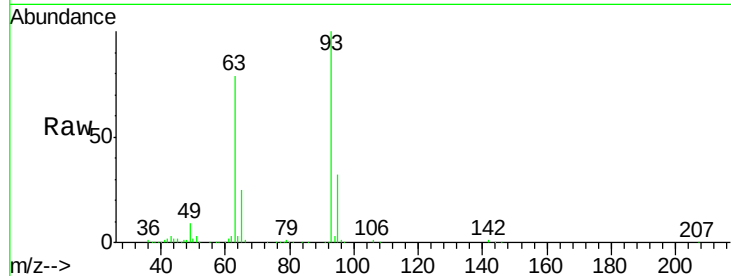




#11
bis(2-Chloroethyl)ether
Concen: 39.066 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

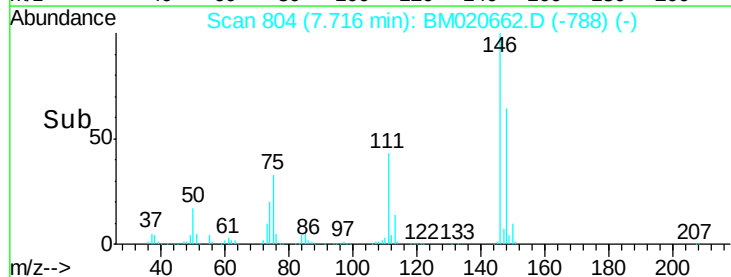
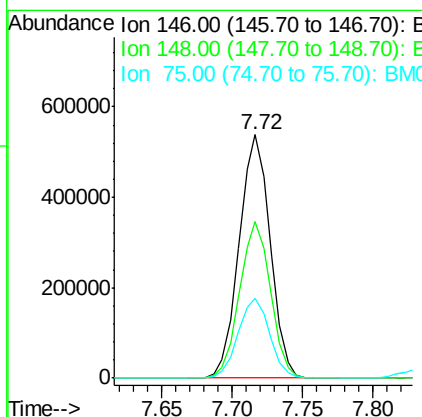
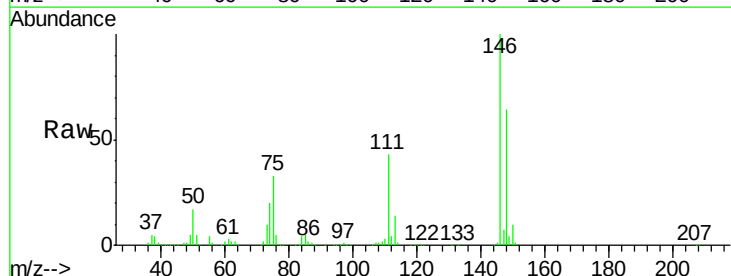
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

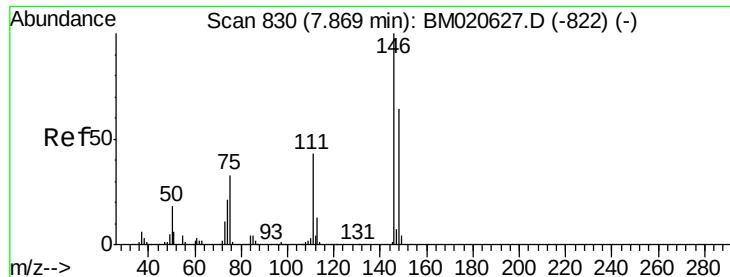
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.2	60.0	100.0
95	32.5	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 40.704 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
75	32.9	27.0	40.4

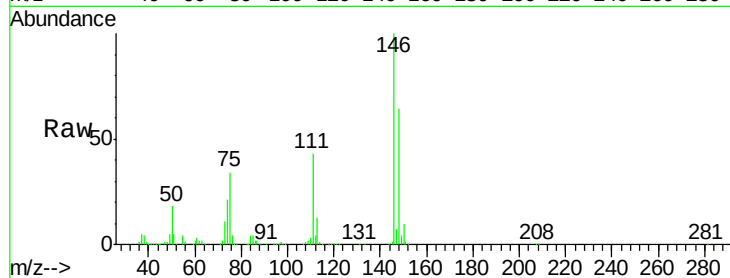




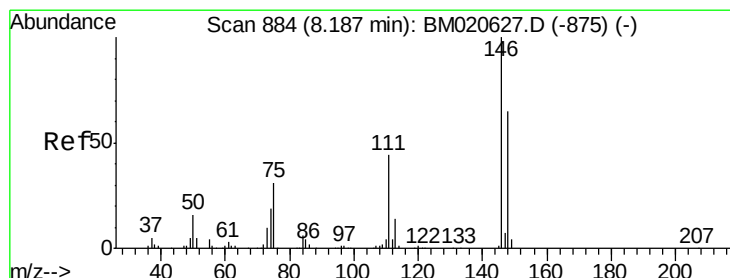
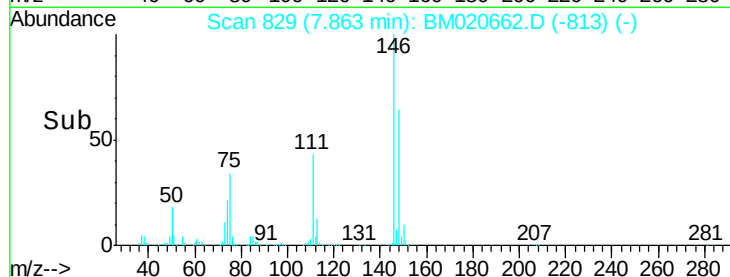
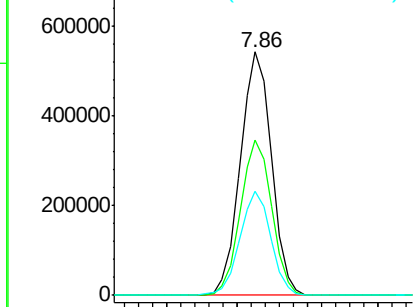
#13
 1,4-Dichlorobenzene
 Concen: 40.375 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 834965
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.4
 111 42.6 34.4 51.6

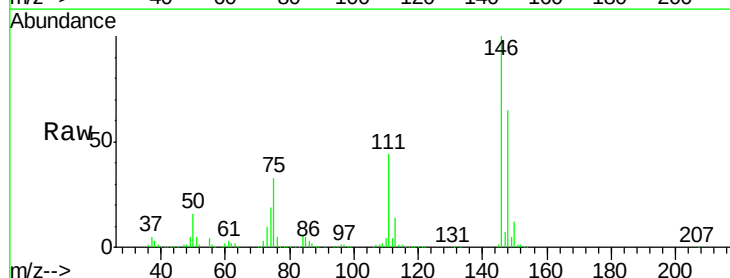


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

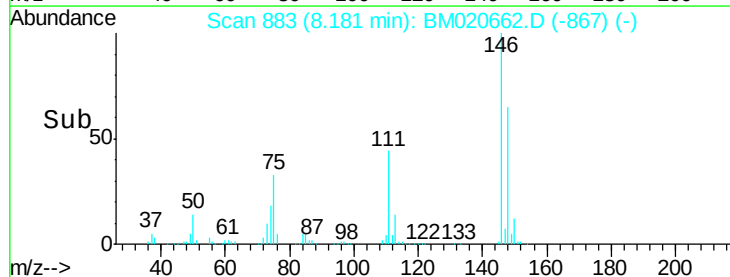
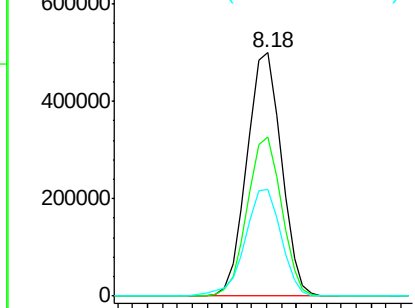


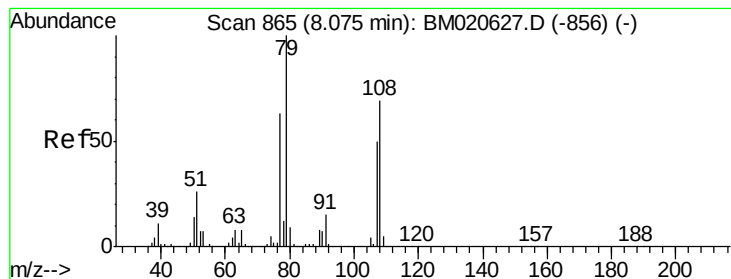
#14
 1,2-Dichlorobenzene
 Concen: 39.715 ng
 RT: 8.18 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Tgt Ion:146 Resp: 799279
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.8 77.8
 111 43.6 35.1 52.7



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





#15

Benzyl Alcohol

Concen: 36.657 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

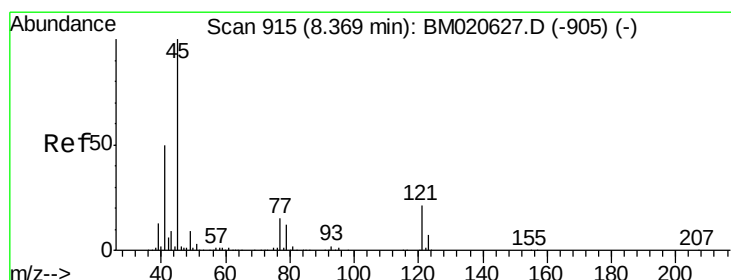
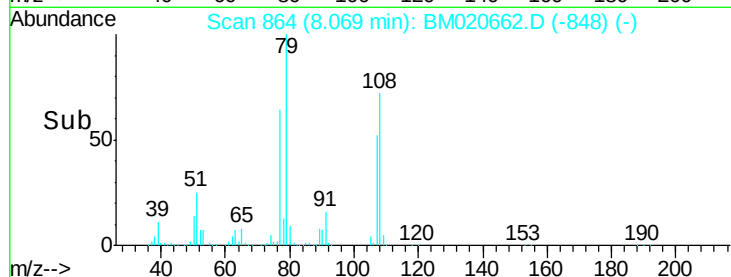
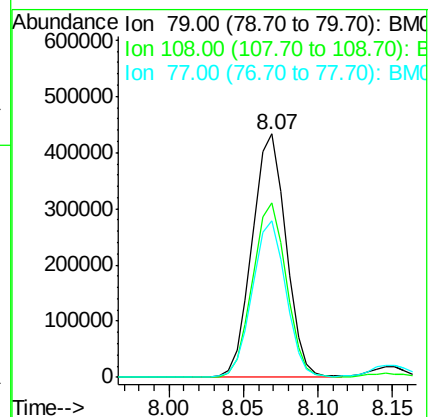
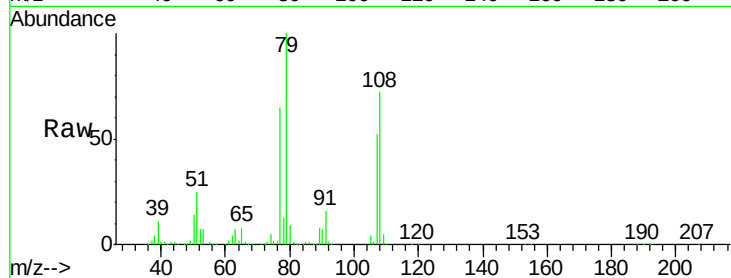
Tot Ion: 79 Resp: 679383

Ion Ratio Lower Upper

79 100

108 71.8 54.9 82.3

77 64.5 50.2 75.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.429 ng

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

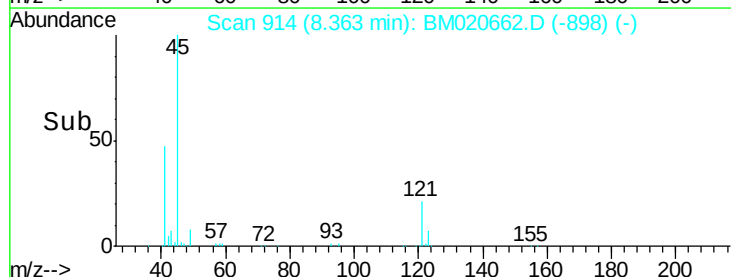
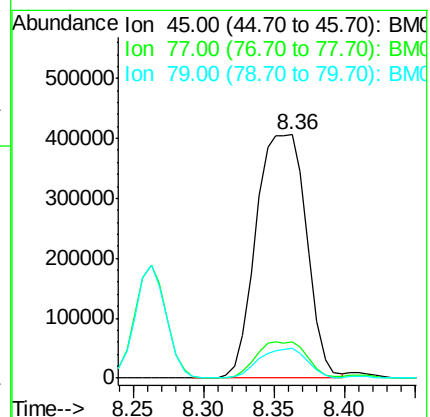
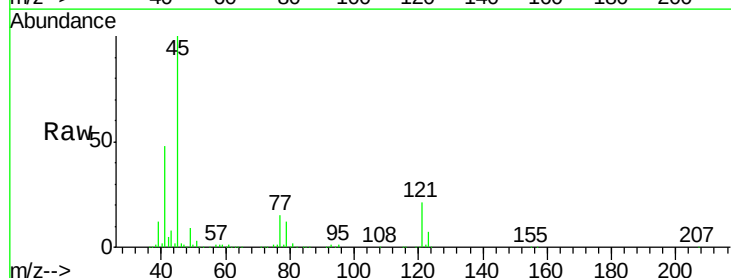
Tgt Ion: 45 Resp: 1011953

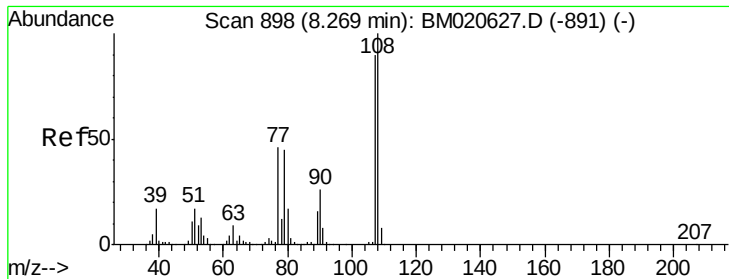
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.9

79 12.3 0.0 31.8





#17

2-Methylphenol

Concen: 37.790 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 599941

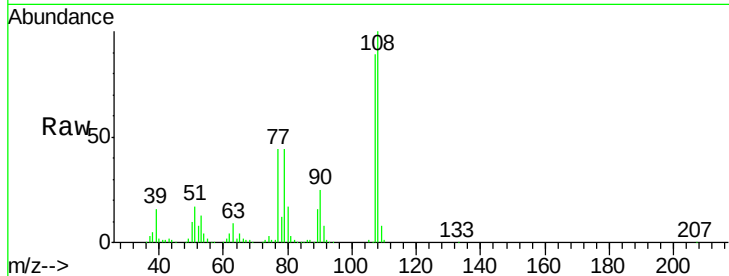
Ion Ratio Lower Upper

107 100

108 112.0 88.6 133.0

77 49.1 40.6 61.0

79 49.0 39.9 59.9

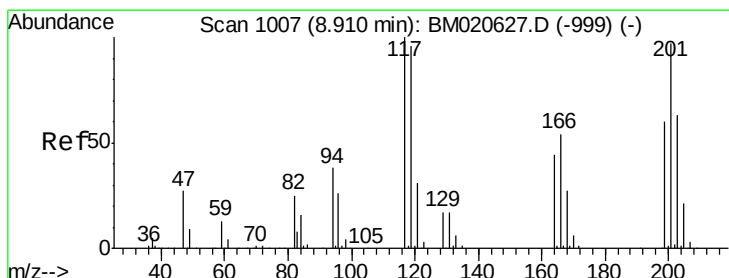
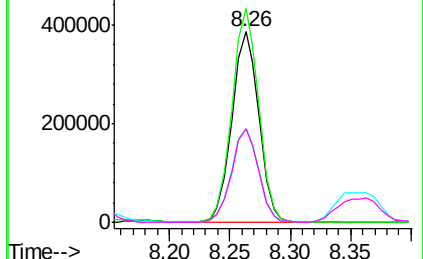
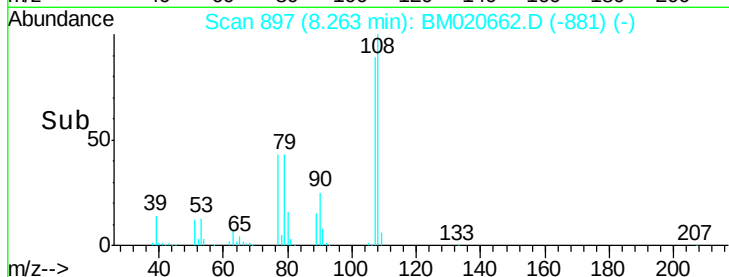


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 39.164 ng

RT: 8.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

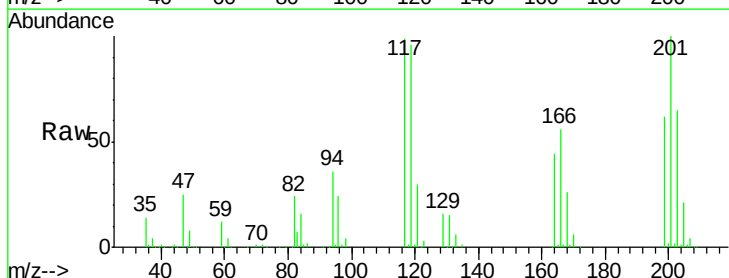
Tgt Ion:117 Resp: 310089

Ion Ratio Lower Upper

117 100

119 96.8 76.7 115.1

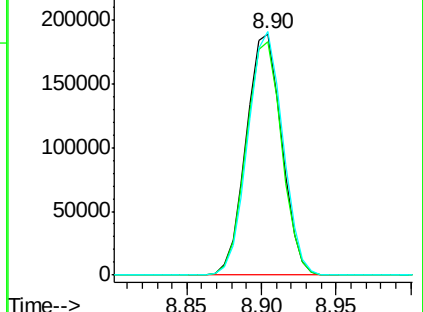
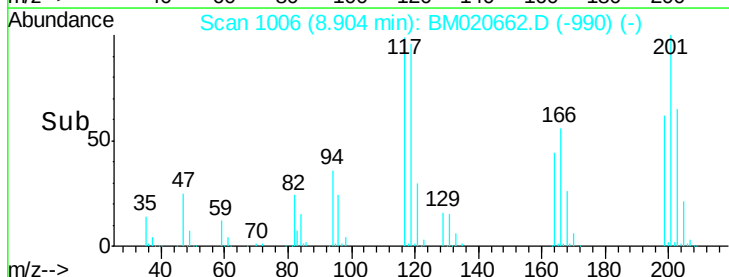
201 100.9 77.9 116.9

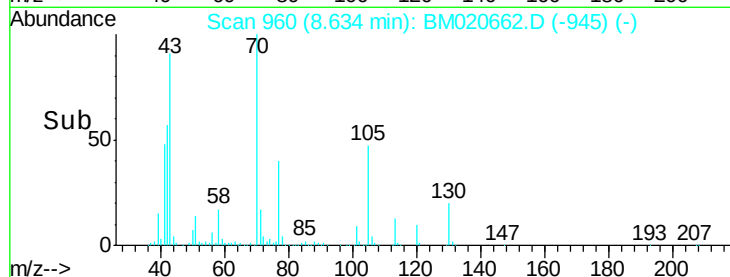
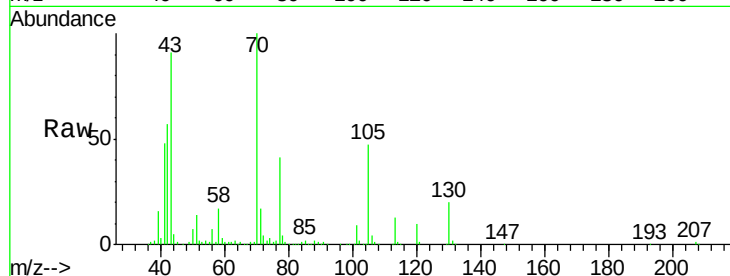
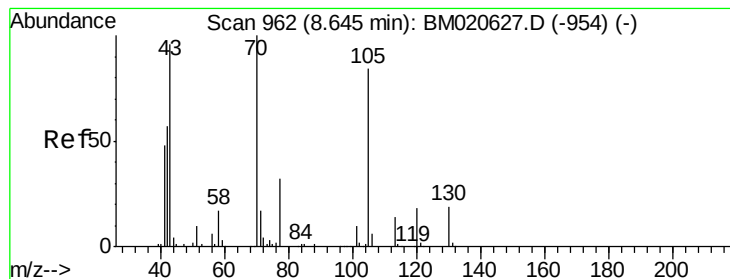


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.115 ng

RT: 8.63 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 591348

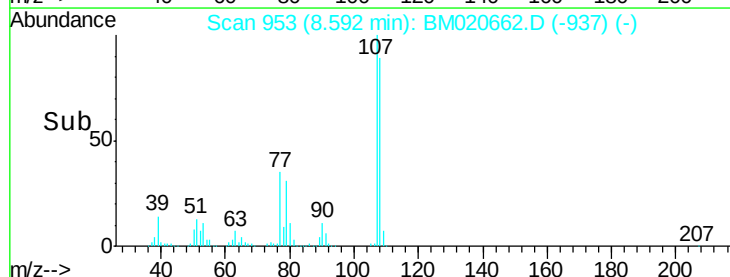
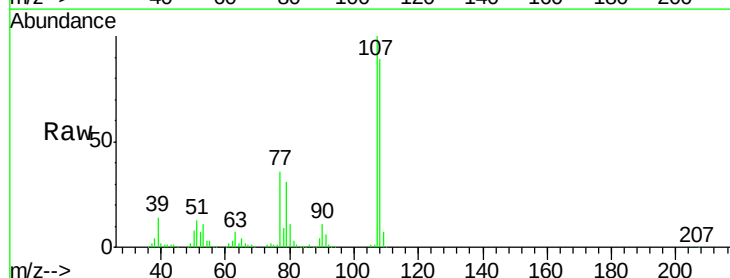
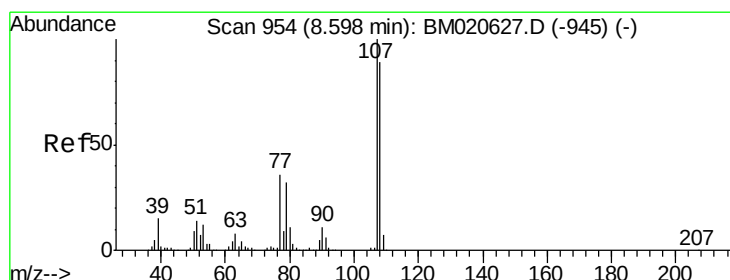
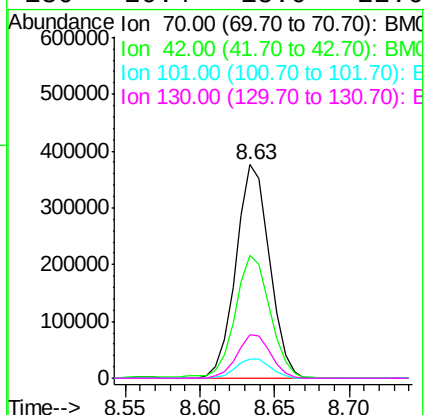
Ion Ratio Lower Upper

70 100

42 57.3 46.8 70.2

101 9.0 7.8 11.6

130 20.4 15.0 22.6



#20

3+4-Methylphenols

Concen: 37.181 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Tgt Ion: 107 Resp: 803112

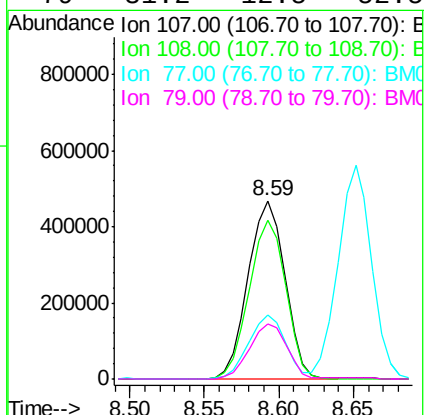
Ion Ratio Lower Upper

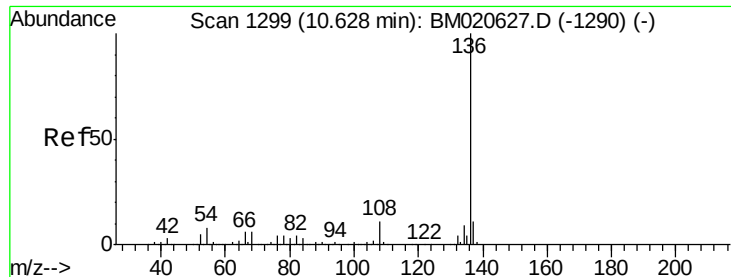
107 100

108 88.7 69.2 109.2

77 35.6 16.2 56.2

79 31.2 12.5 52.5



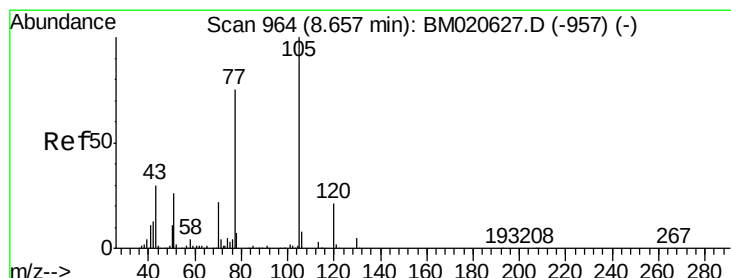
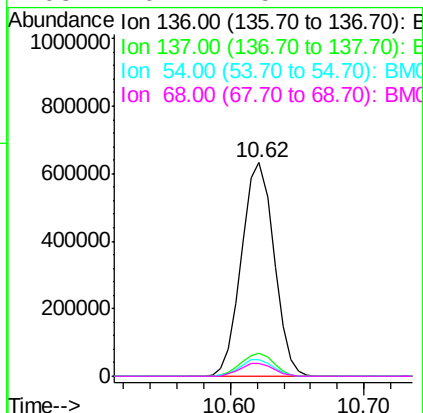
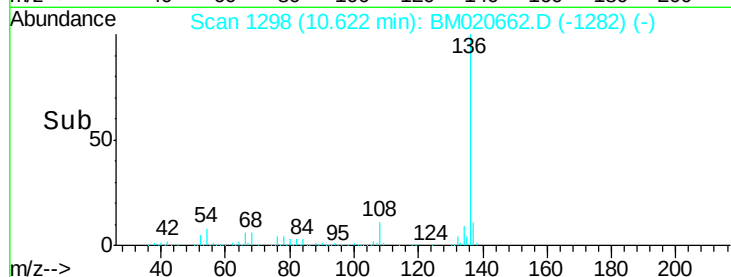
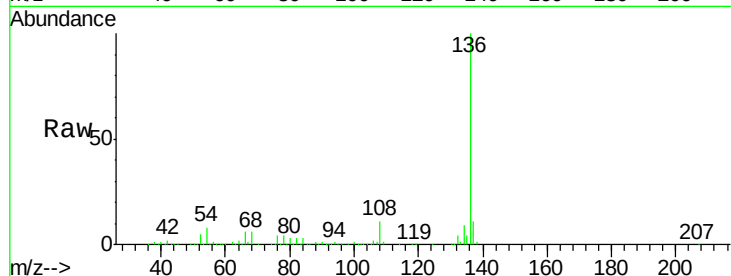


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:136 Resp: 1066853

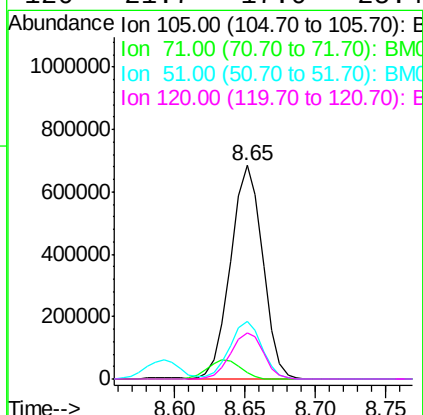
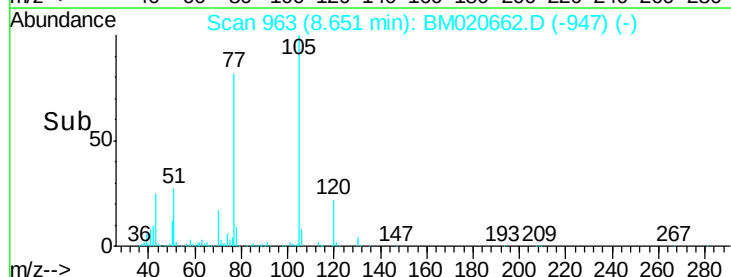
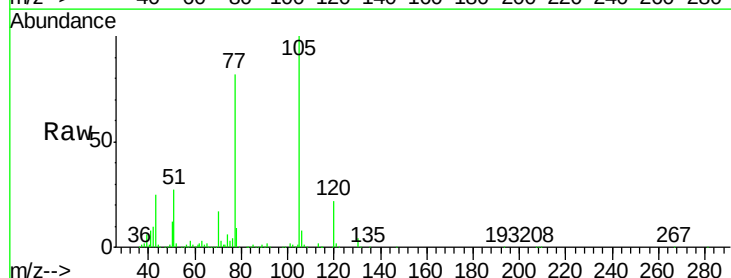
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.9	6.6	10.0
68	6.1	5.1	7.7

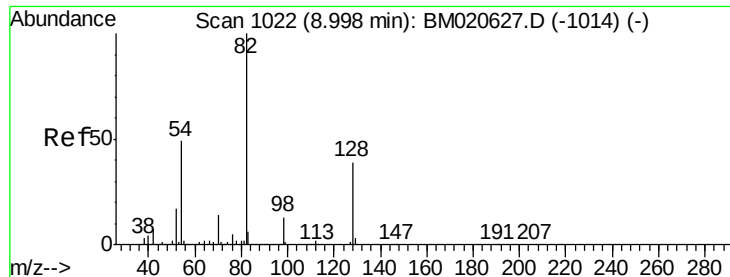


#22
Acetophenone
Concen: 40.013 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion:105 Resp: 1084420

Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.2	4.8#
51	26.9	22.8	34.2
120	21.7	17.0	25.4



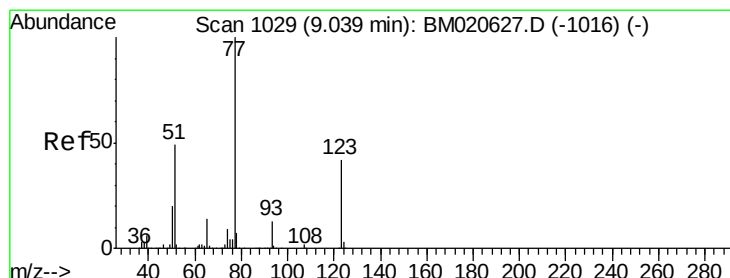
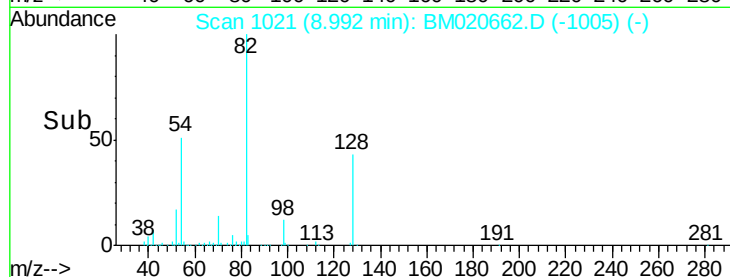
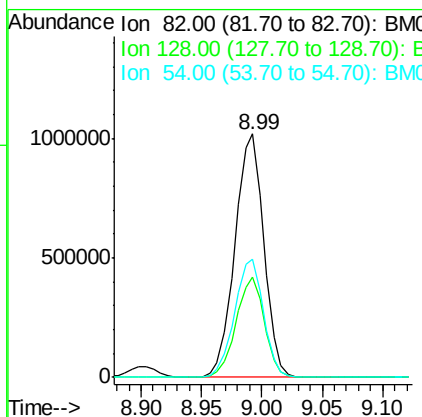
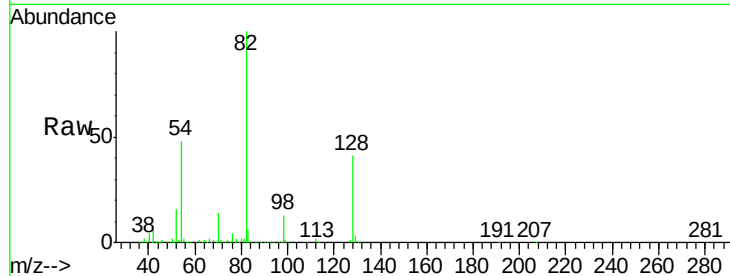


#23
 Nitrobenzene-d5
 Concen: 82.588 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1700567

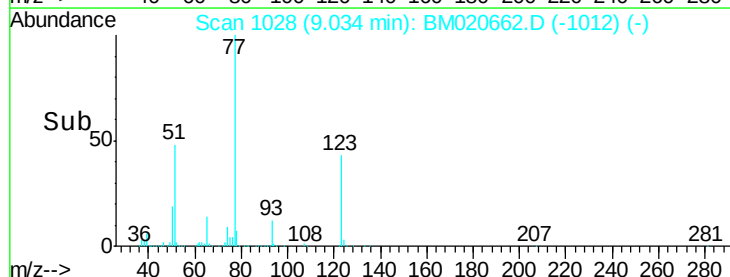
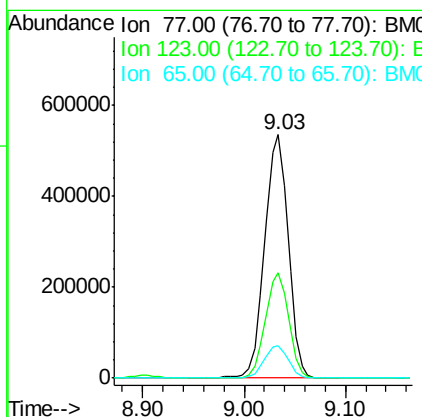
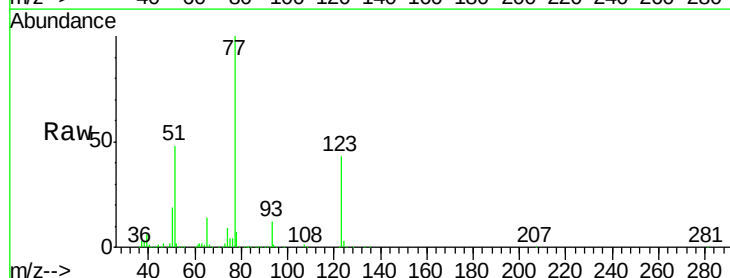
Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.5	47.3
54	48.3	39.4	59.0

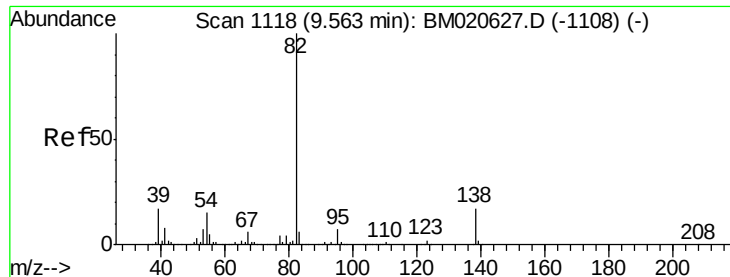


#24
 Nitrobenzene
 Concen: 41.183 ng
 RT: 9.03 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Tgt Ion: 77 Resp: 865694

Ion	Ratio	Lower	Upper
77	100		
123	43.4	33.7	50.5
65	13.6	11.0	16.6





#25

Isophorone

Concen: 37.386 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

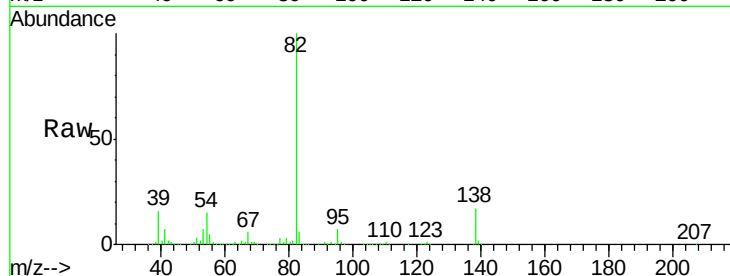
Tot Ion: 82 Resp: 1531293

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

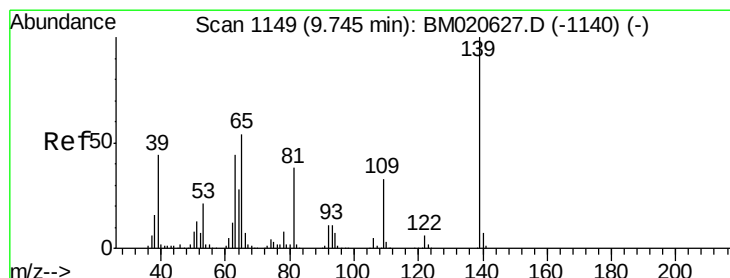
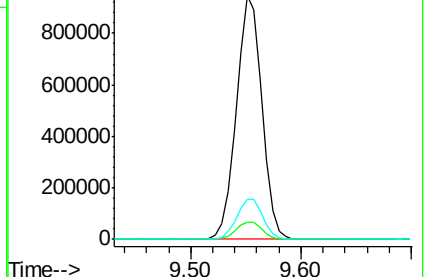
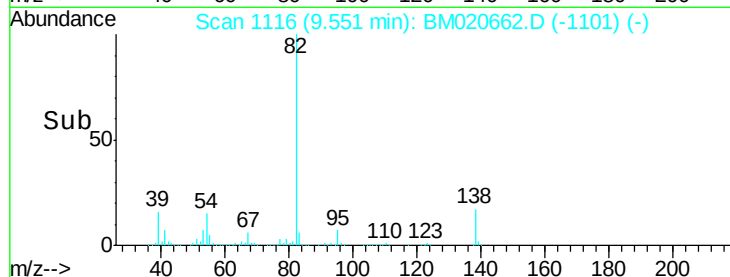
138 16.7 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020662.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020662.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020662.D (-1116) (-)



#26

2-Nitrophenol

Concen: 44.146 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

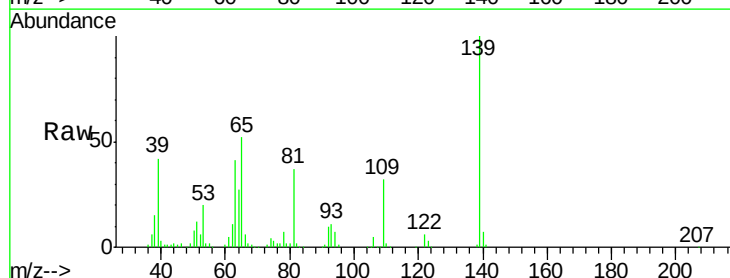
Tgt Ion: 139 Resp: 345855

Ion Ratio Lower Upper

139 100

109 31.5 26.1 39.1

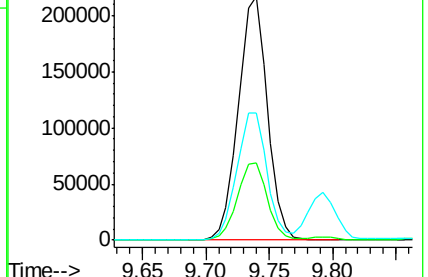
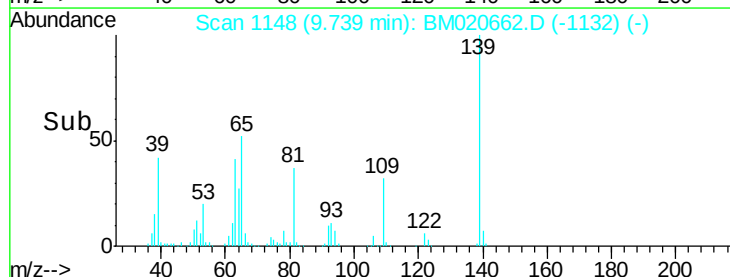
65 52.4 43.4 65.0

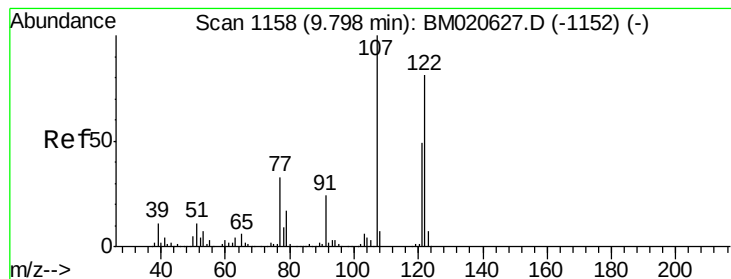


Abundance Ion 139.00 (138.70 to 139.70): BM020662.D (-1148) (-)

Ion 109.00 (108.70 to 109.70): BM020662.D (-1148) (-)

Ion 65.00 (64.70 to 65.70): BM020662.D (-1148) (-)





#27

2,4-Dimethylphenol

Concen: 39.871 ng

RT: 9.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

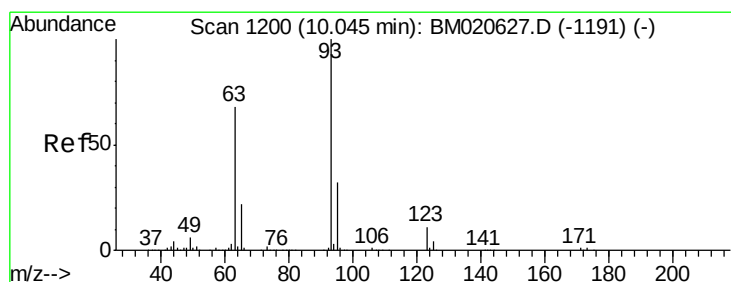
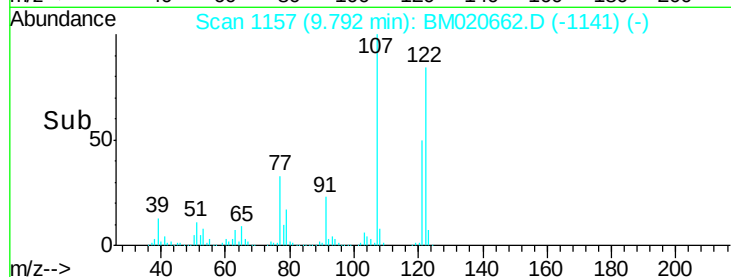
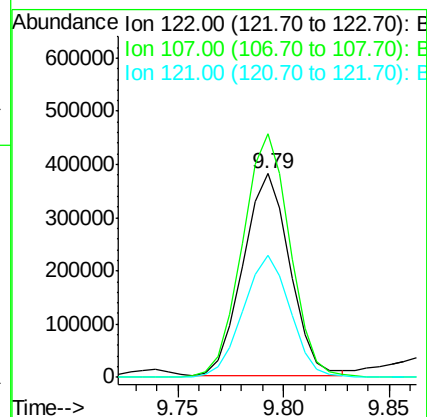
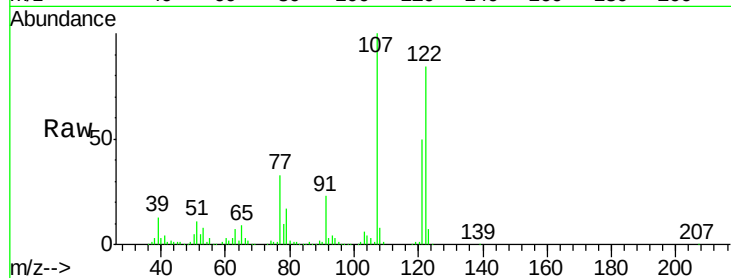
Tot Ion:122 Resp: 585308

Ion Ratio Lower Upper

122 100

107 119.6 98.0 147.0

121 59.9 48.2 72.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.639 ng

RT: 10.04 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

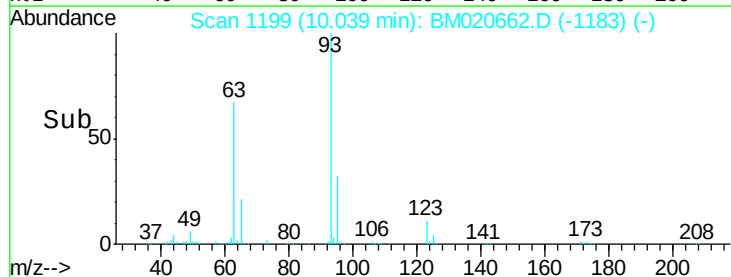
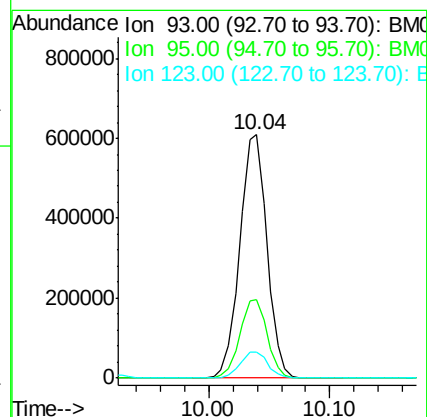
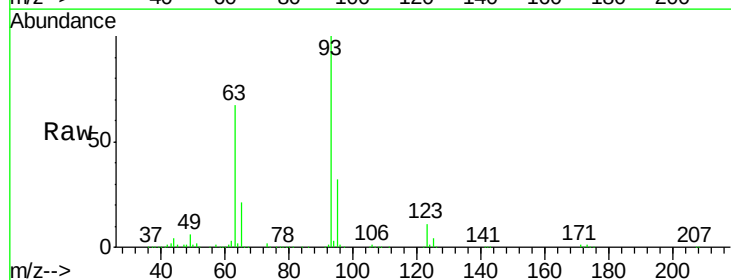
Tgt Ion: 93 Resp: 956908

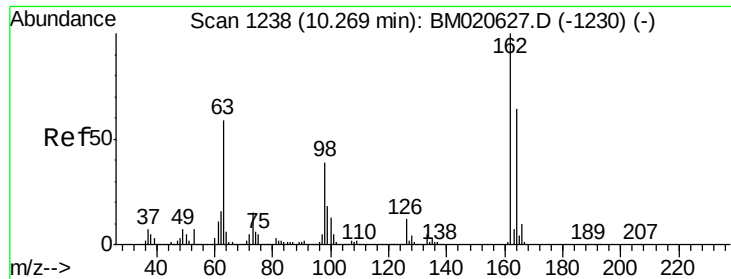
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

123 10.8 9.0 13.6

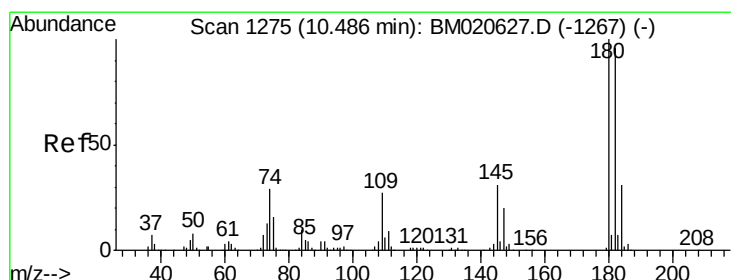
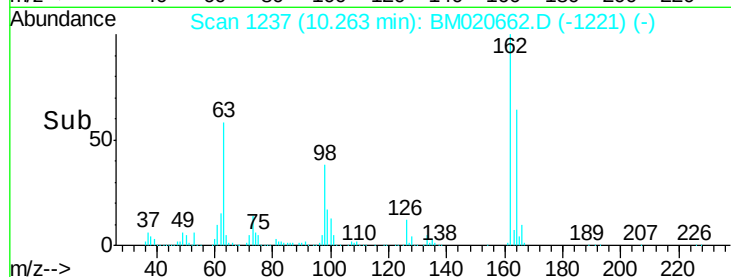
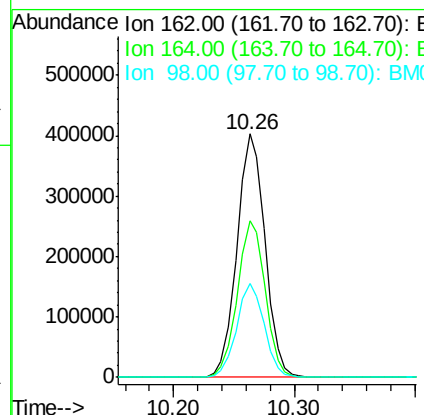
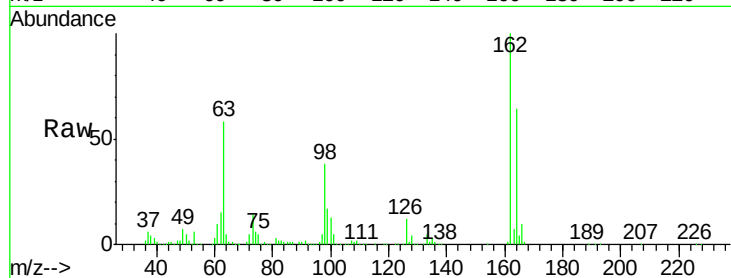




#29
2,4-Dichlorophenol
Concen: 40.070 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

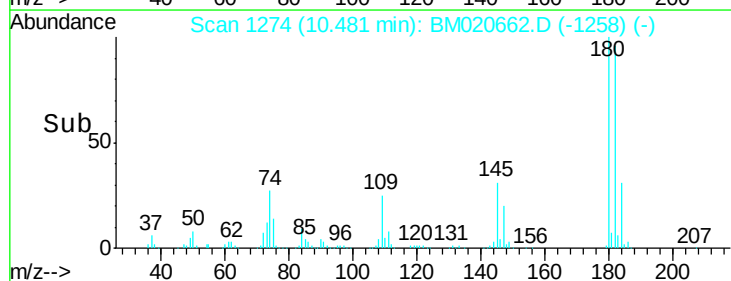
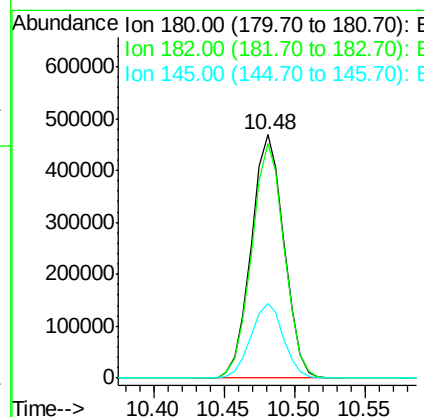
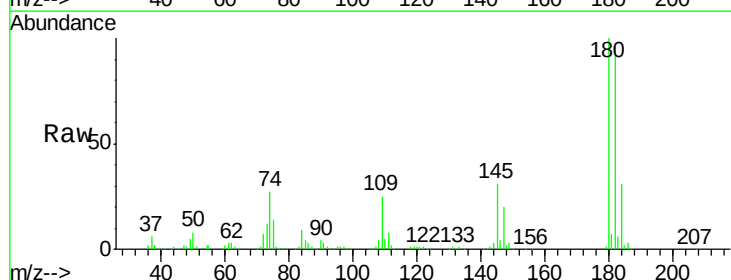
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

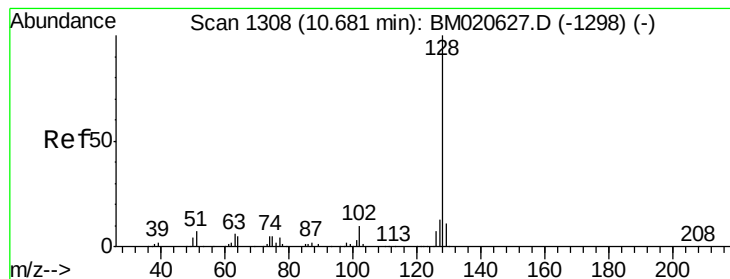
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	38.4	19.1	59.1



#30
1,2,4-Trichlorobenzene
Concen: 40.932 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.6
145	30.6	25.0	37.4





#31

Naphthalene

Concen: 40.387 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

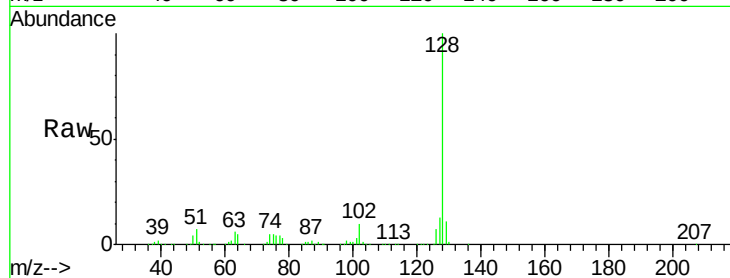
Tot Ion:128 Resp: 2215690

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

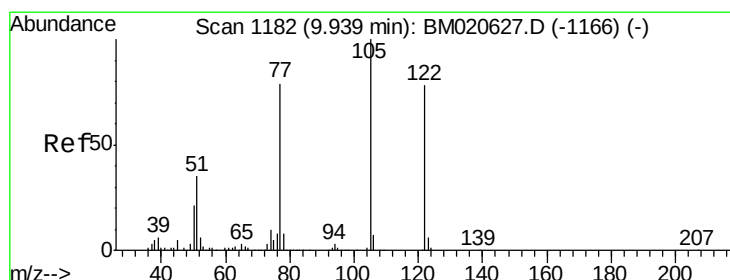
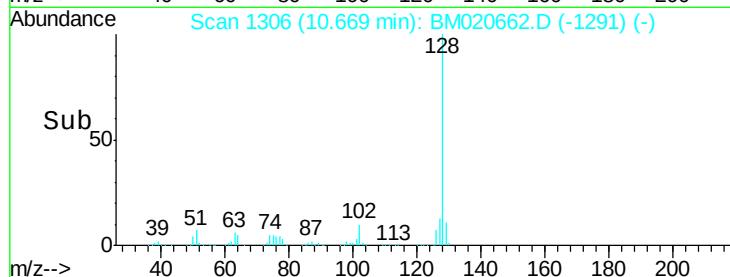
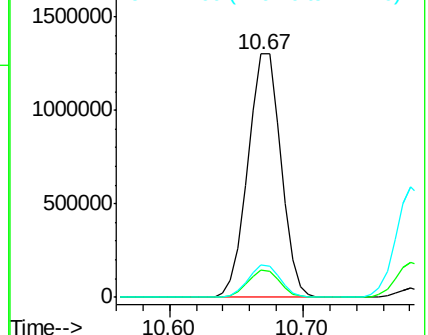
127 13.4 10.3 15.5



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: 40.081 ng

RT: 9.92 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

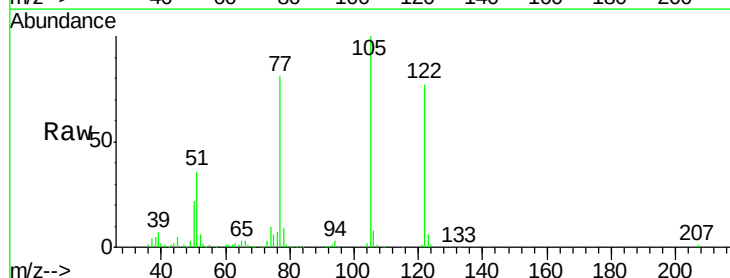
Tgt Ion:122 Resp: 361590

Ion Ratio Lower Upper

122 100

105 129.4 107.0 147.0

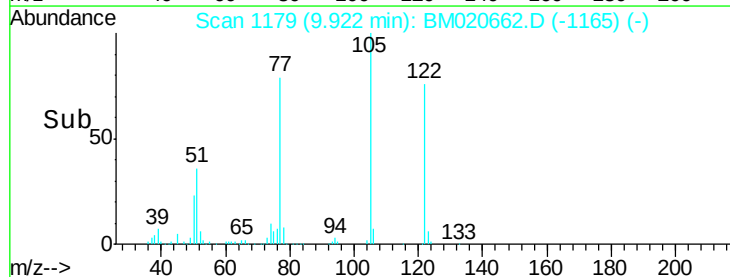
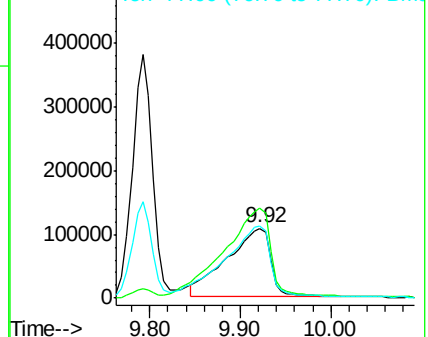
77 104.3 80.9 120.9

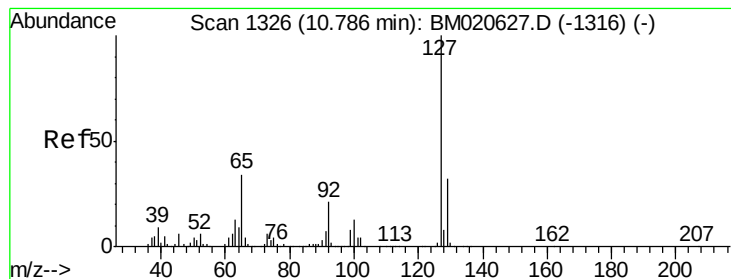


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

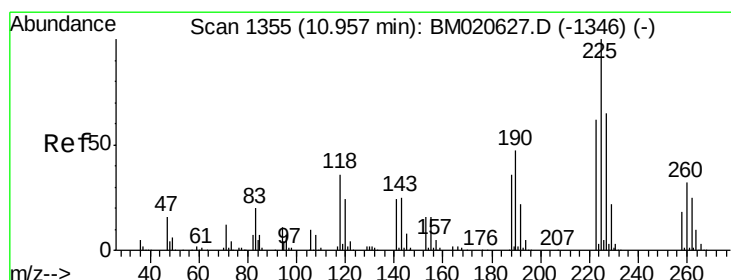
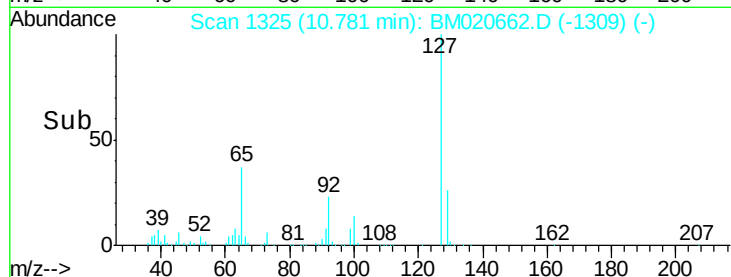
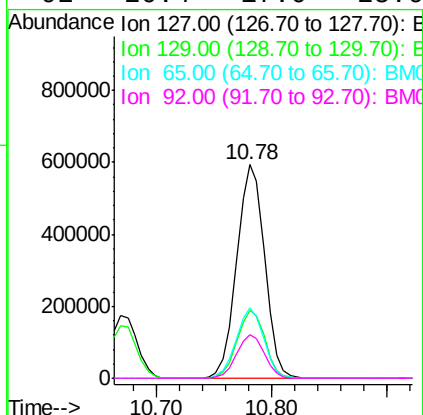
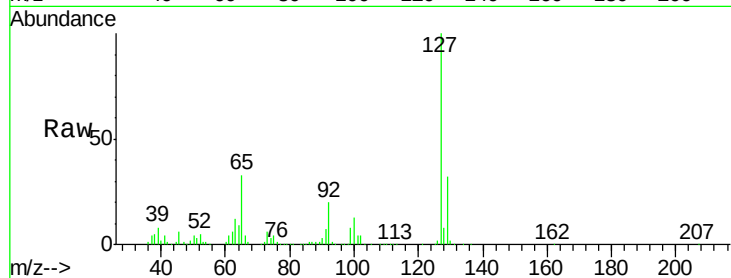




#33
4-Chloroaniline
Concen: 38.846 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

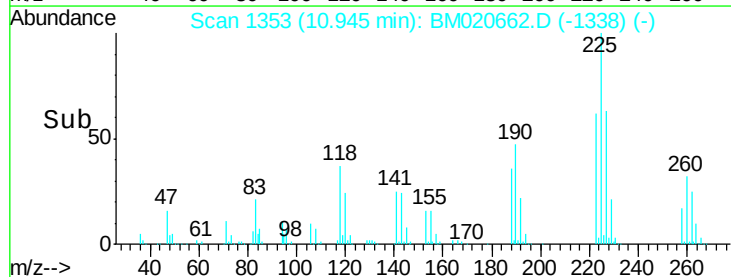
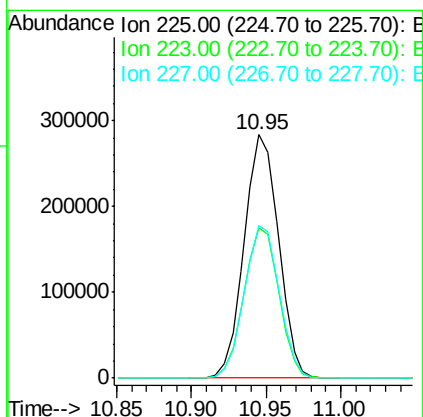
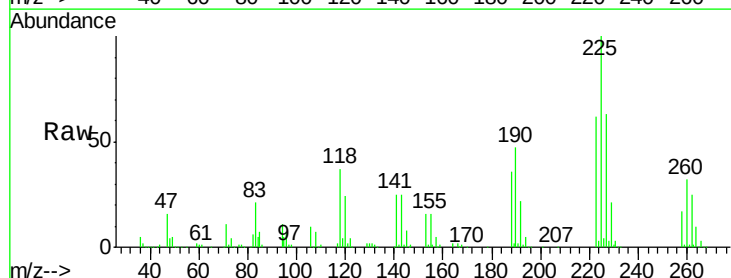
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

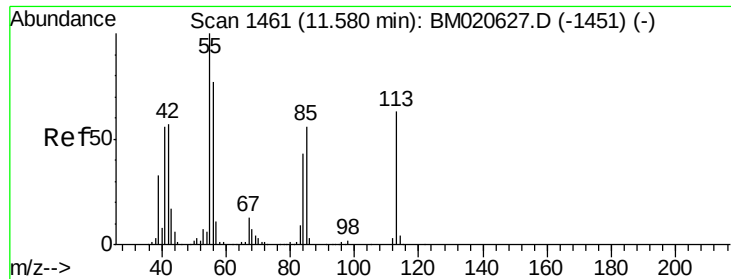
Tot Ion:	127	Resp:	991809
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	32.9	27.4	41.0
92	20.4	17.0	25.6



#34
Hexachlorobutadiene
Concen: 40.382 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion:	225	Resp:	452509
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	62.5	51.8	77.8





#35

Caprolactam

Concen: 37.588 ng

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

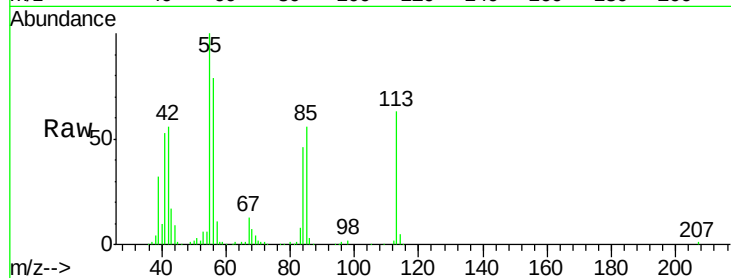
Tot Ion:113 Resp: 212085

Ion Ratio Lower Upper

113 100

55 159.0 138.6 178.6

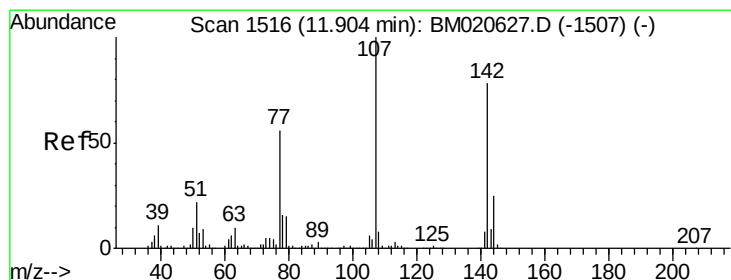
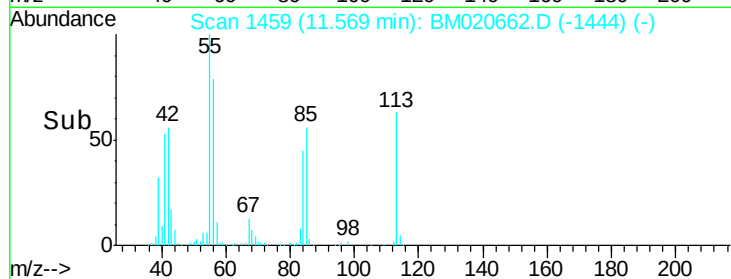
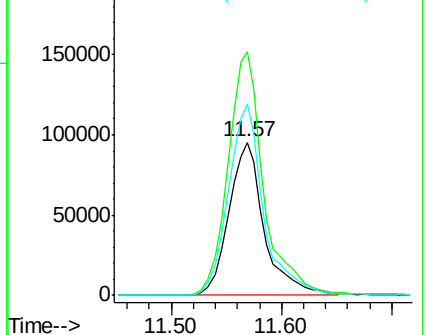
56 125.0 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 37.008 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

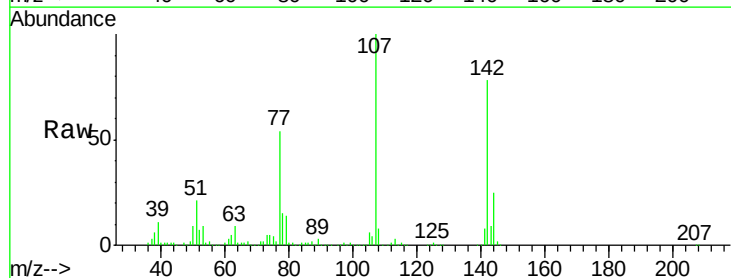
Tgt Ion:107 Resp: 698847

Ion Ratio Lower Upper

107 100

144 24.6 20.3 30.5

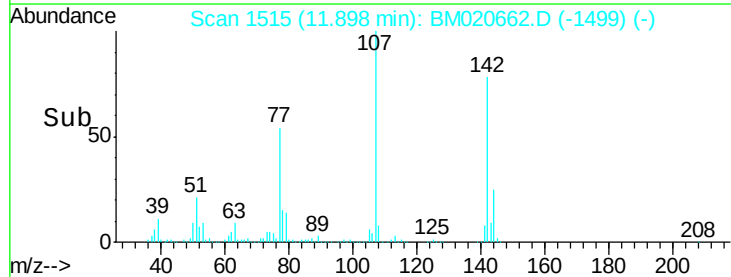
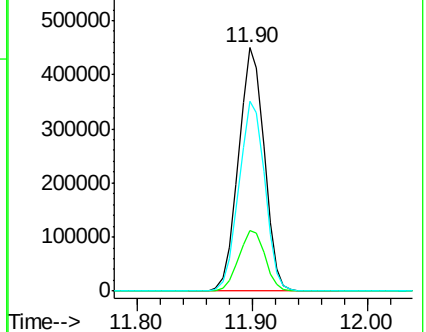
142 77.8 62.6 93.8

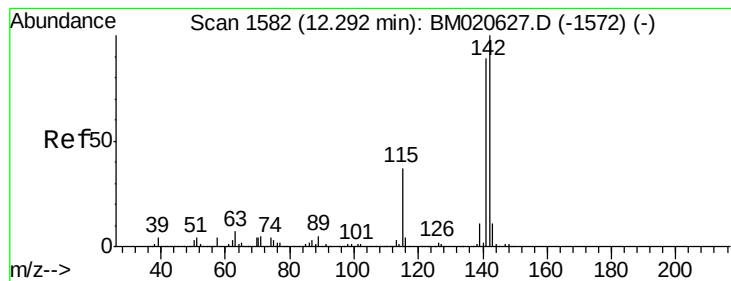


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.393 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

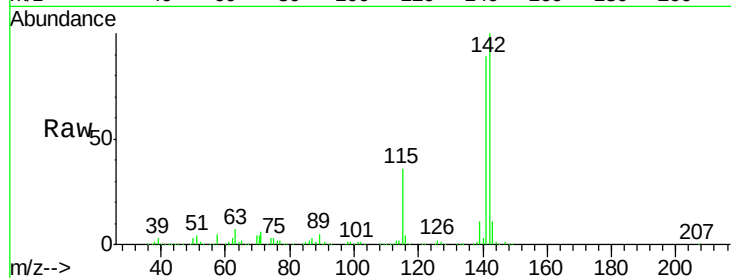
Tot Ion:142 Resp: 1561234

Ion Ratio Lower Upper

142 100

141 89.2 71.6 107.4

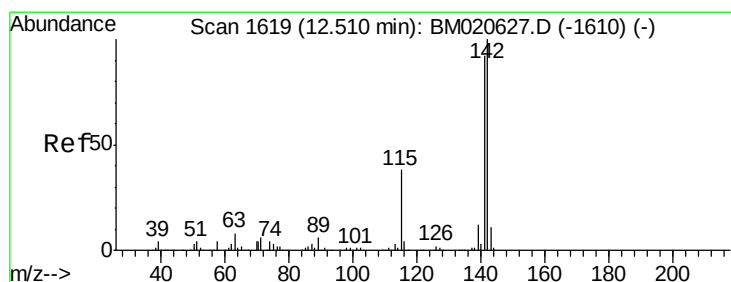
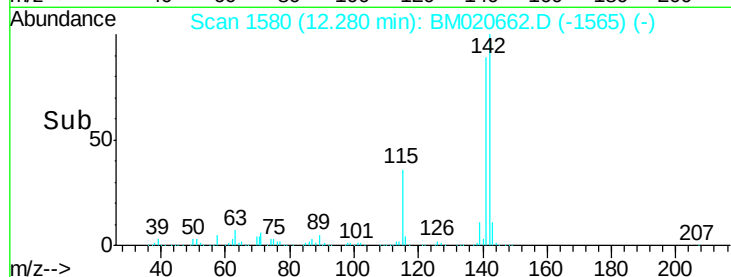
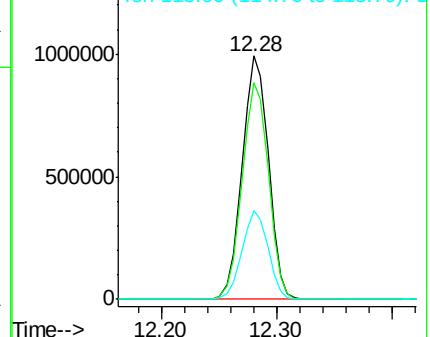
115 36.4 29.6 44.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.006 ng

RT: 12.50 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

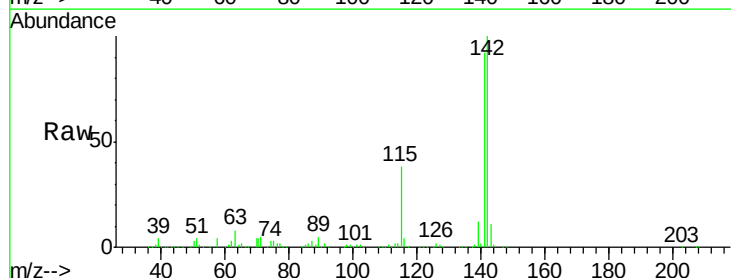
Tgt Ion:142 Resp: 1471599

Ion Ratio Lower Upper

142 100

141 92.4 73.9 110.9

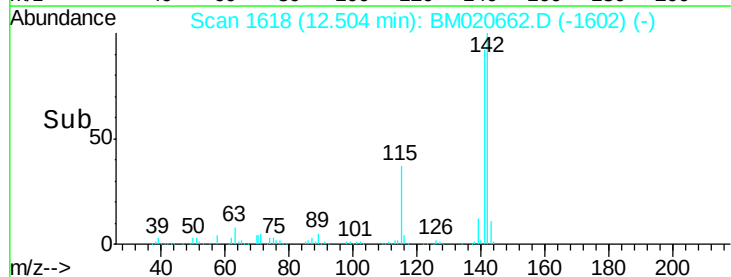
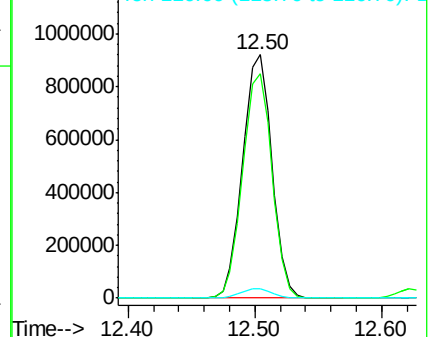
116 3.9 3.2 4.8

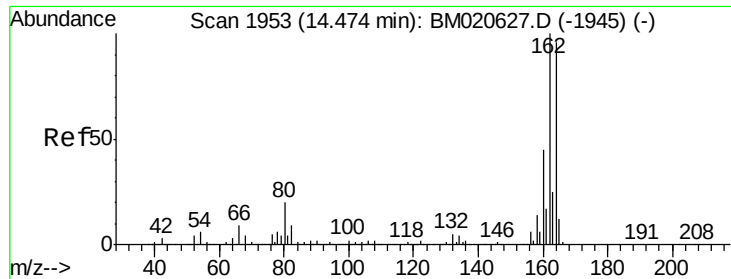


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

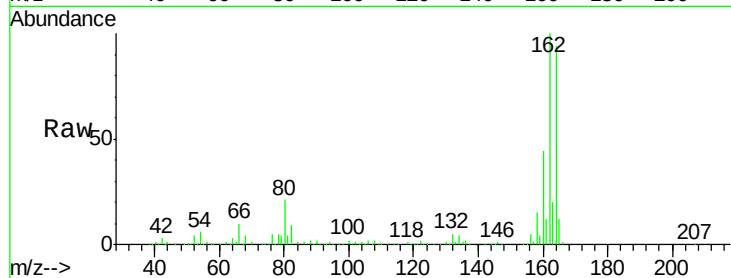
Tot Ion:164 Resp: 559816

Ion Ratio Lower Upper

164 100

162 106.7 83.2 124.8

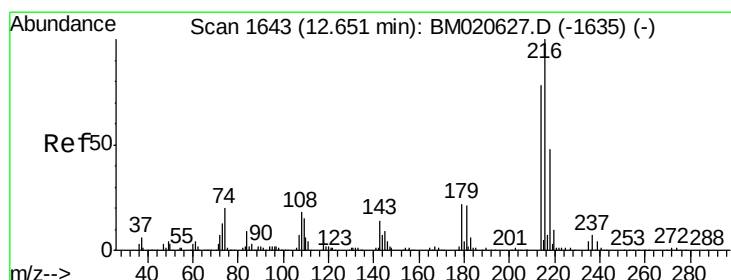
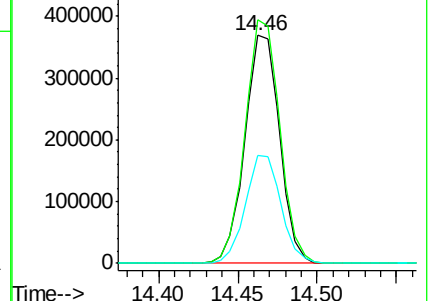
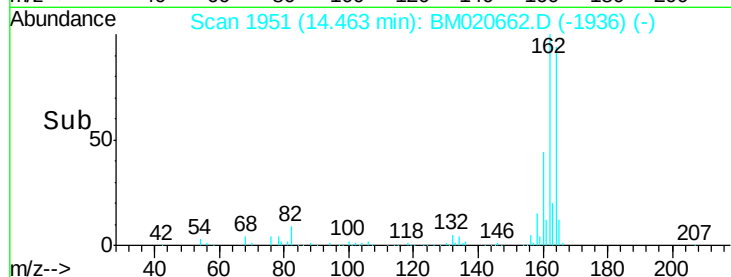
160 47.2 37.5 56.3



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: 42.255 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Tgt Ion:216 Resp: 775196

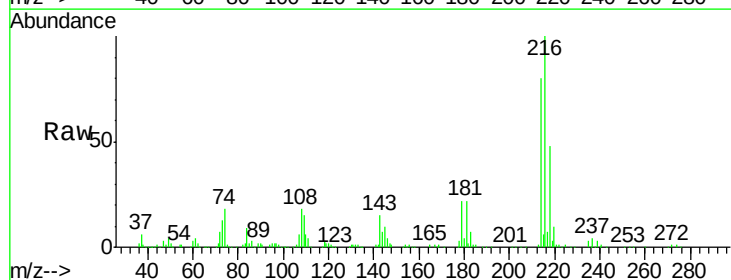
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 22.2 17.9 26.9

108 19.5 16.2 24.2

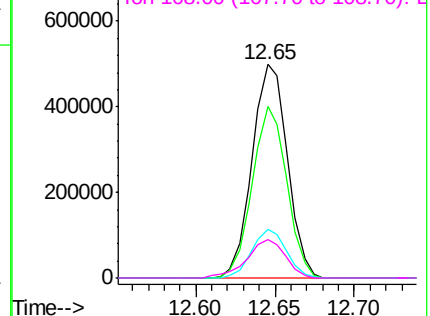
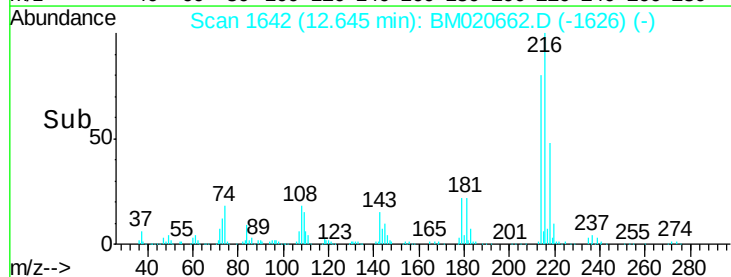


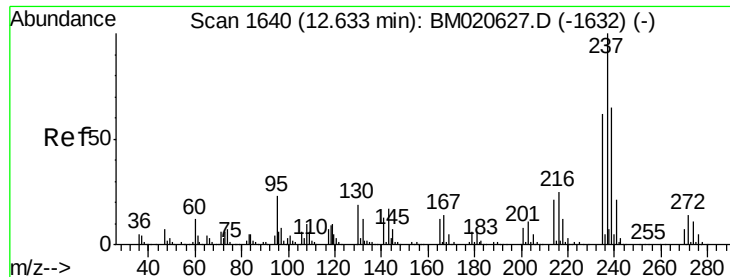
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

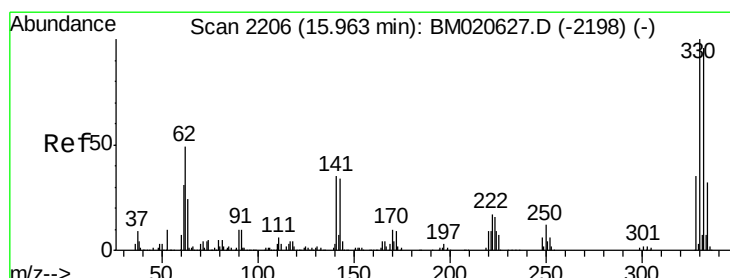
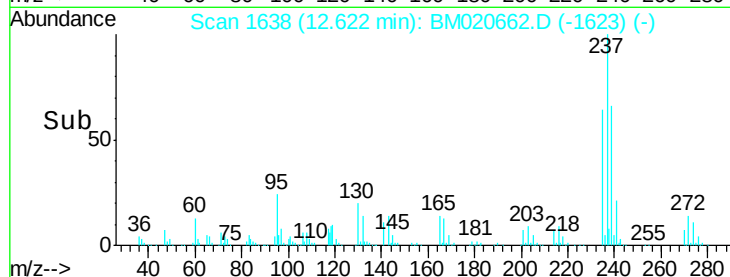
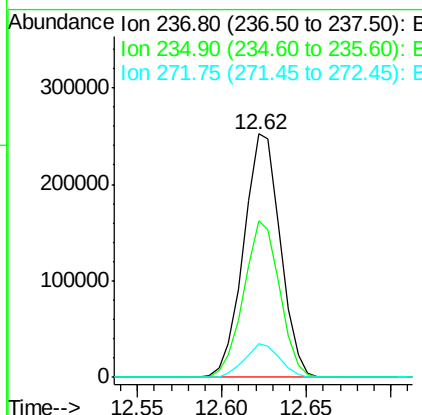
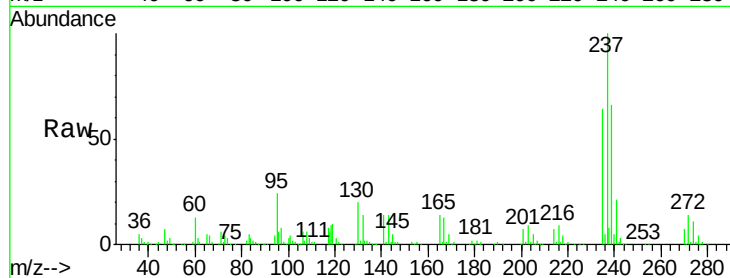




#41
Hexachlorocyclopentadiene
Concen: 34.775 ng
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

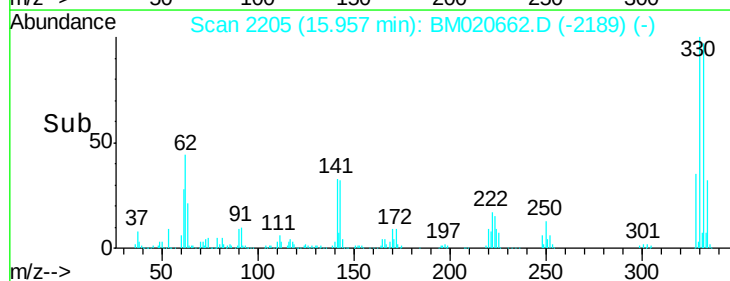
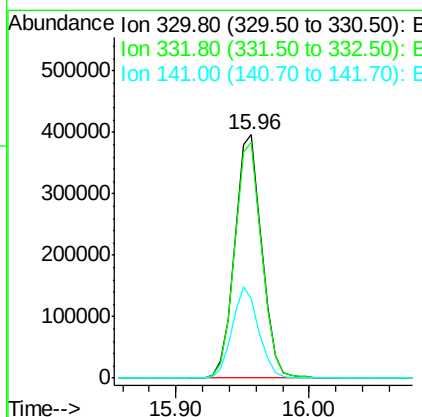
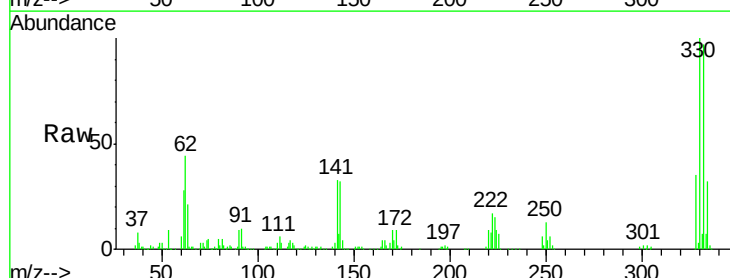
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

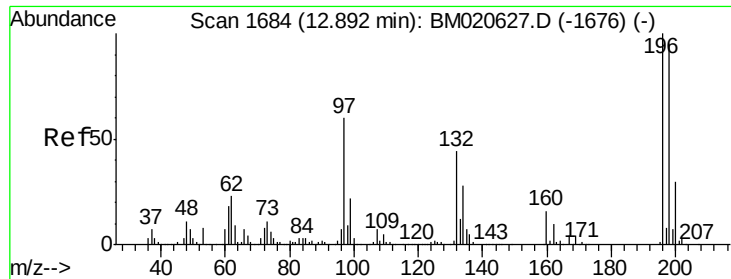
Tot Ion:237 Resp: 381556
Ion Ratio Lower Upper
237 100
235 64.3 42.1 82.1
272 13.7 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 80.281 ng
RT: 15.96 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion:330 Resp: 556835
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 37.0 30.4 45.6

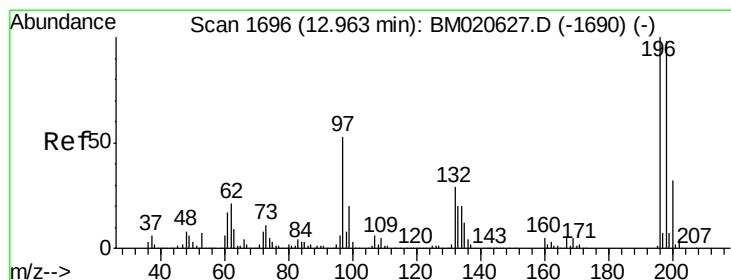
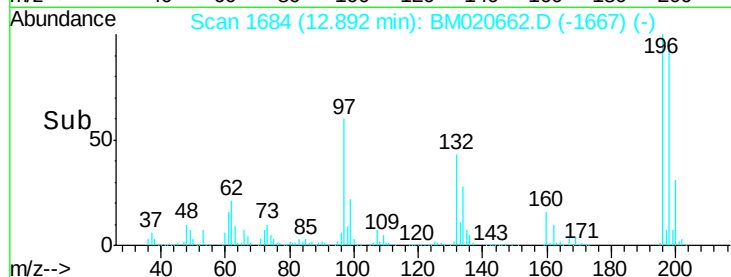
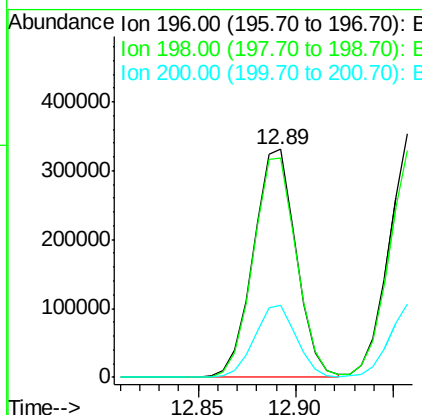
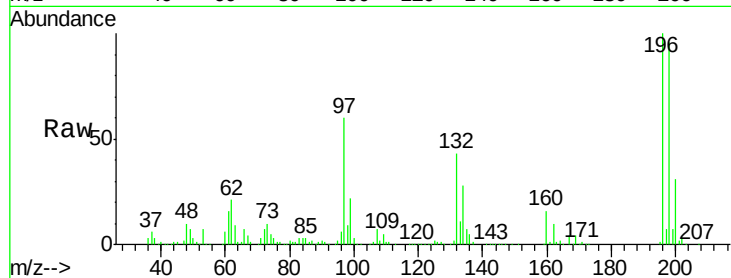




#43
 2,4,6-Trichlorophenol
 Concen: 42.573 ng
 RT: 12.89 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

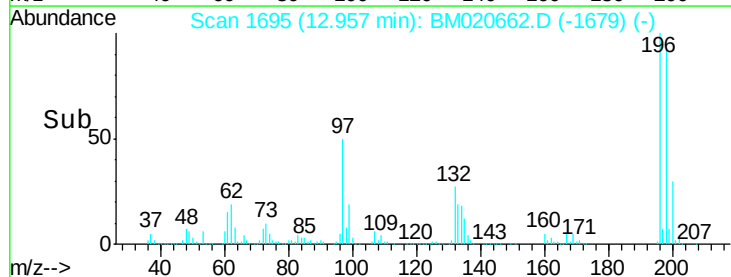
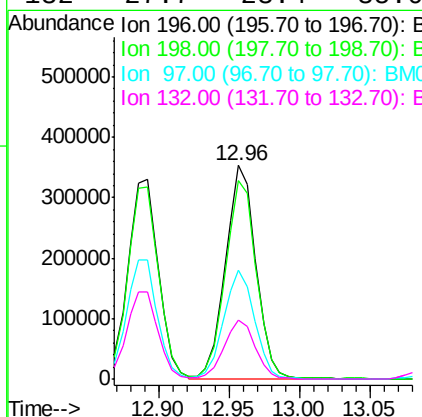
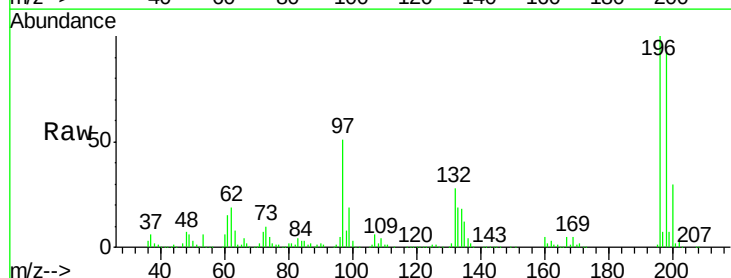
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

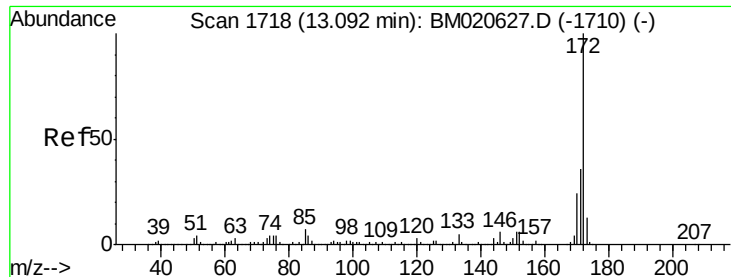
Tot Ion:196 Resp: 502739
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 200 31.3 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 43.099 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Tgt Ion:196 Resp: 525432
 Ion Ratio Lower Upper
 196 100
 198 93.1 78.6 117.8
 97 50.8 42.7 64.1
 132 27.7 23.4 35.0

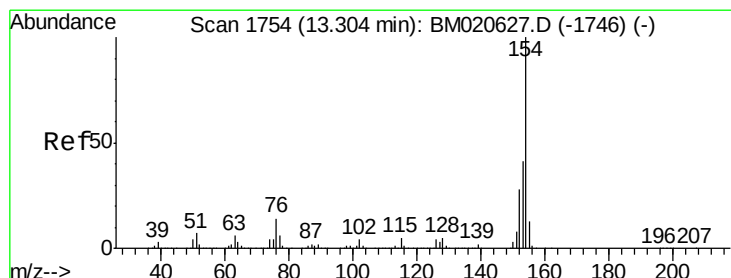
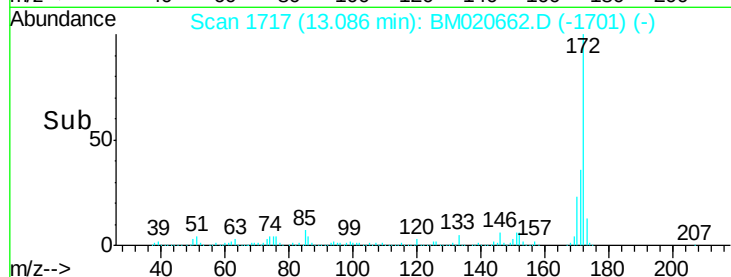
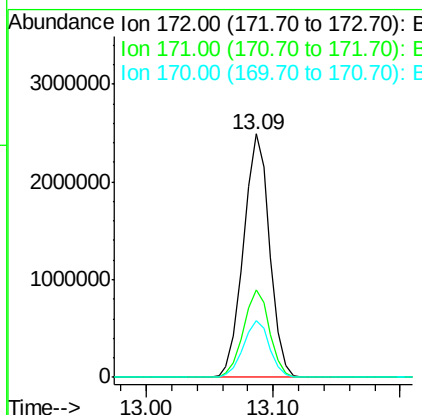
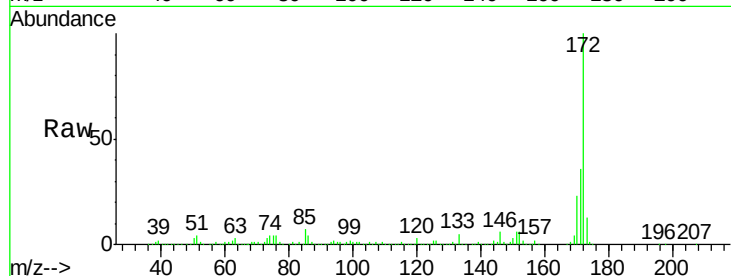




#45
2-Fluorobiphenyl
Concen: 84.516 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

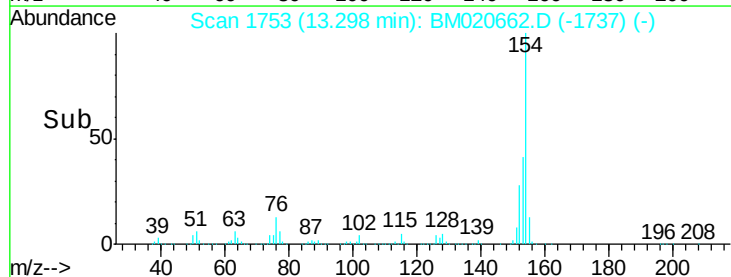
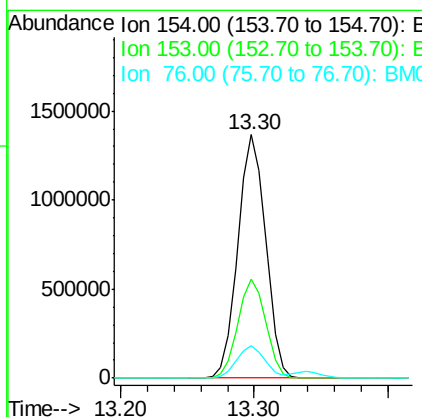
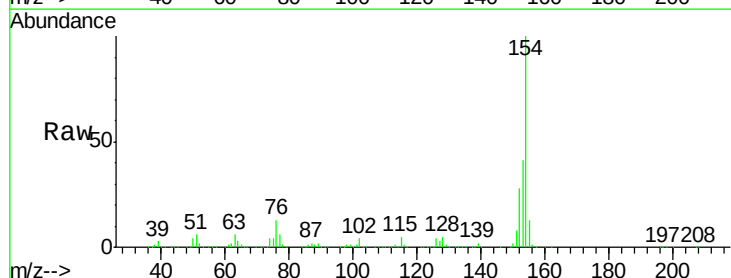
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

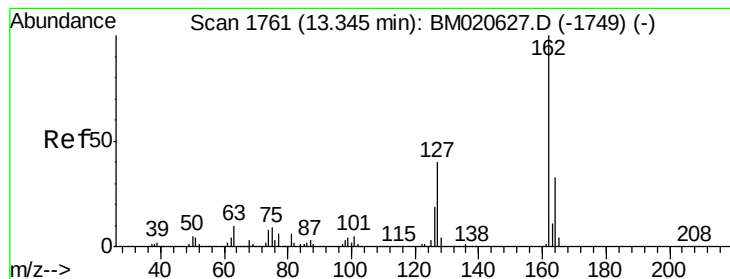
Tot Ion:172 Resp: 3558876
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 42.088 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion:154 Resp: 1967794
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 13.2 0.0 34.0



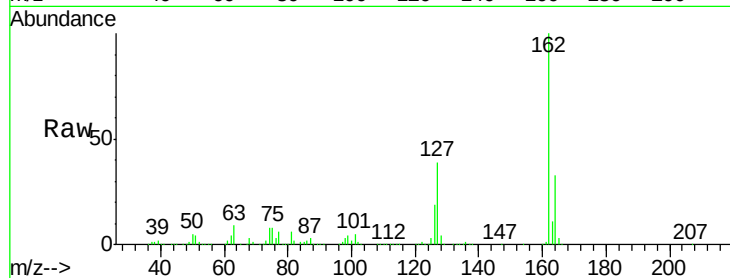


#47
 2-Chloronaphthalene
 Concen: 42.089 ng
 RT: 13.34 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

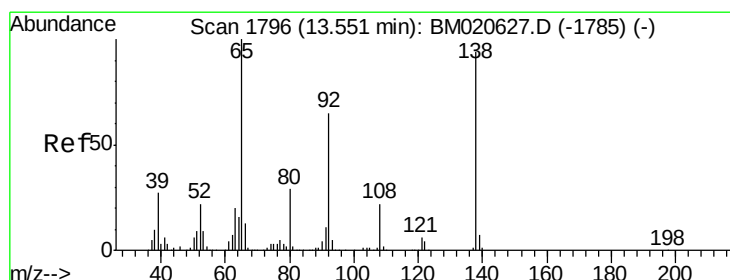
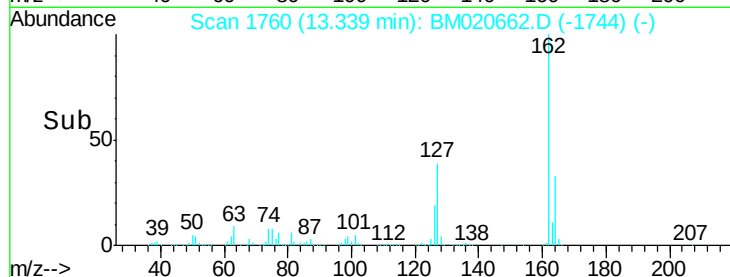
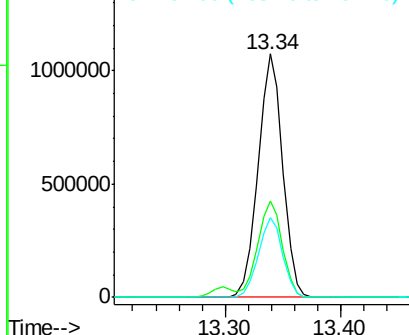
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1588224

Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.1	48.1
164	32.8	26.6	39.8



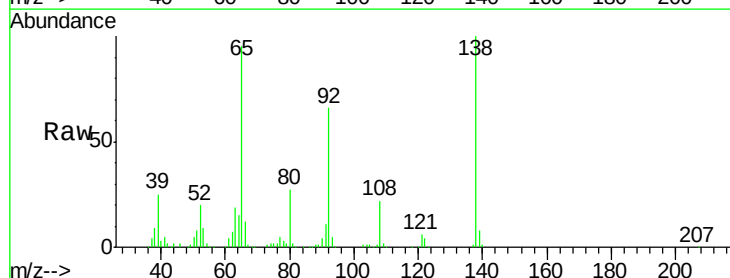
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



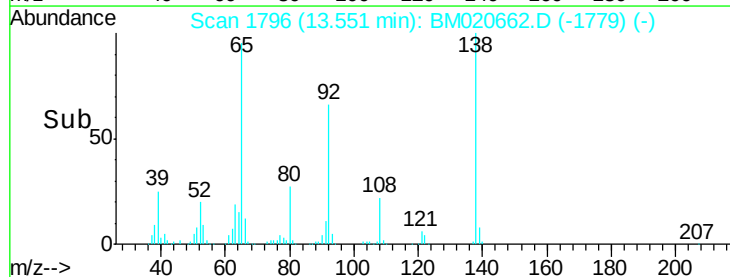
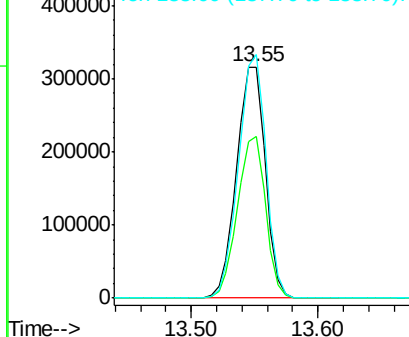
#48
 2-Nitroaniline
 Concen: 41.978 ng
 RT: 13.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

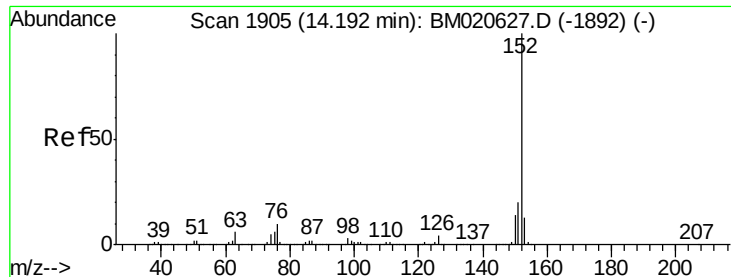
Tgt Ion: 65 Resp: 497174

Ion	Ratio	Lower	Upper
65	100		
92	70.0	52.2	78.4
138	105.5	75.4	113.0



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: 40.966 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

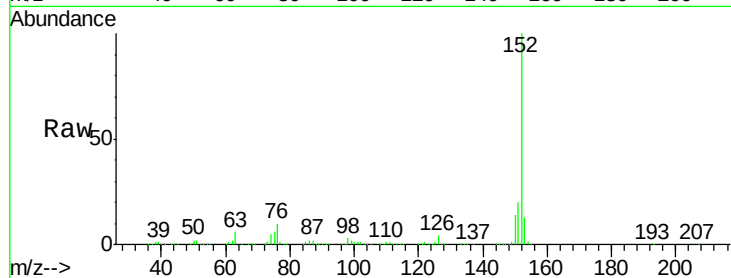
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2411977

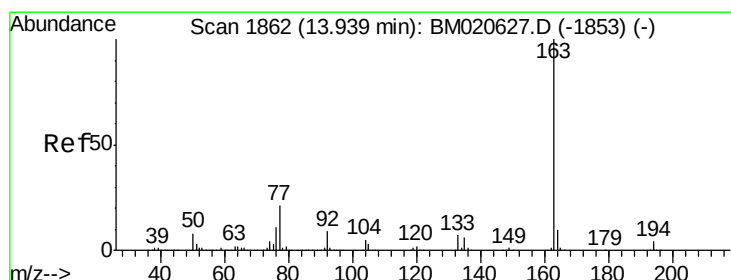
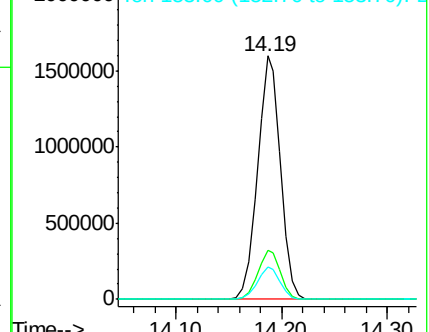
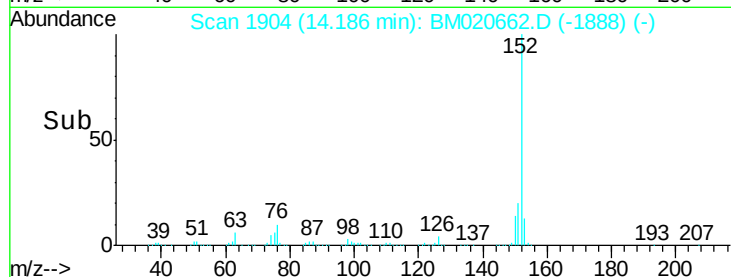
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.2	10.6	15.8



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: 39.598 ng

RT: 13.93 min Scan# 1860

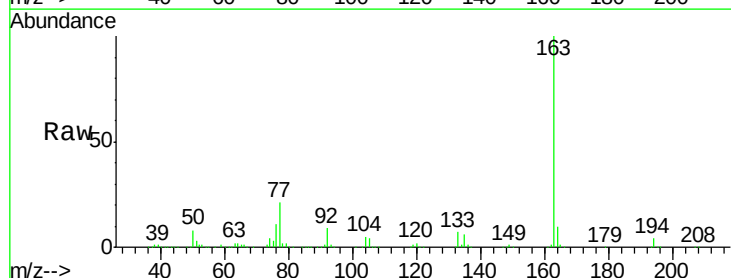
Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Tgt Ion:163 Resp: 1893875

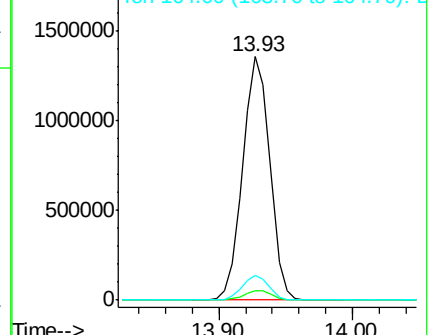
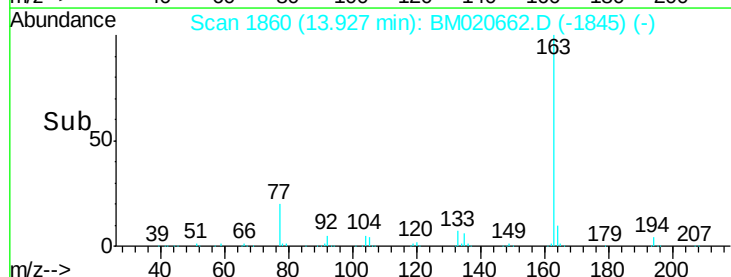
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	7.9	11.9

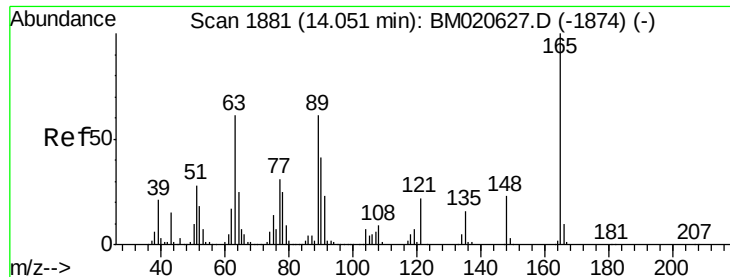


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.785 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

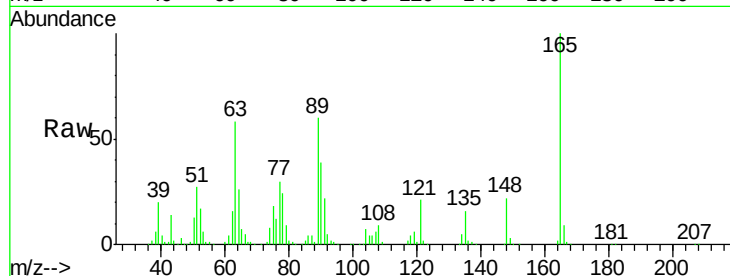
Tot Ion:165 Resp: 396083

Ion Ratio Lower Upper

165 100

63 58.0 50.4 75.6

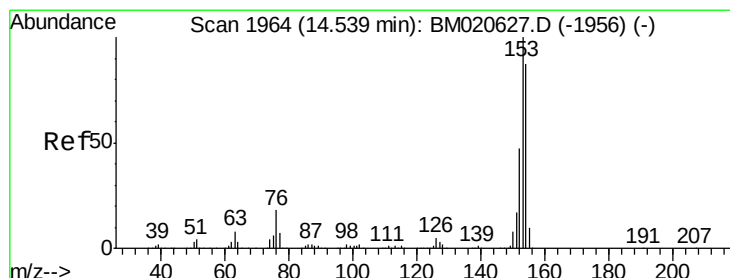
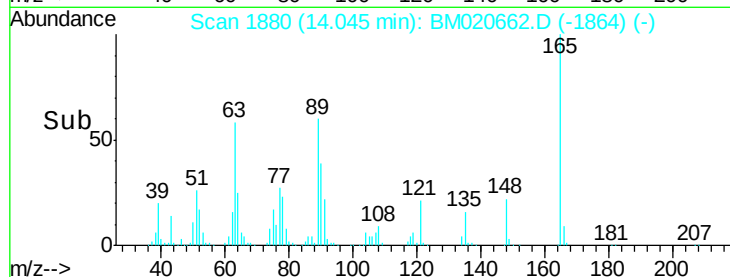
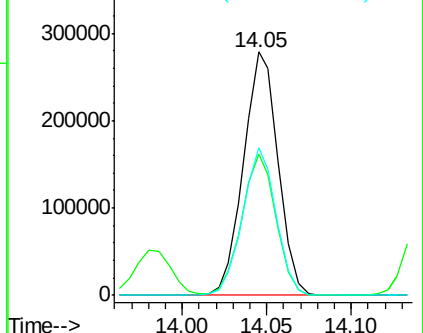
89 60.4 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 40.772 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

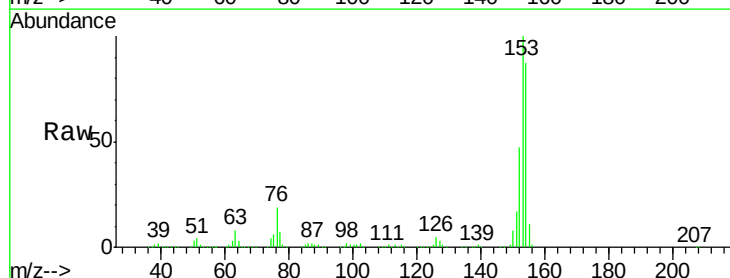
Tgt Ion:154 Resp: 1430560

Ion Ratio Lower Upper

154 100

153 114.6 92.4 138.6

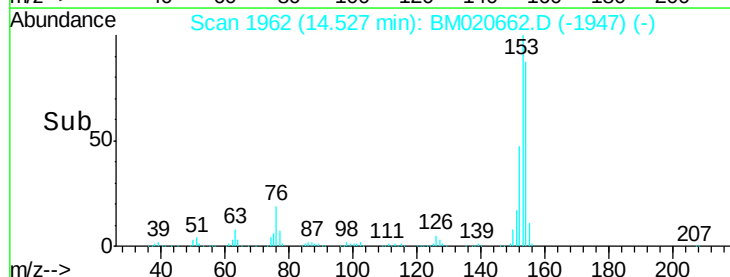
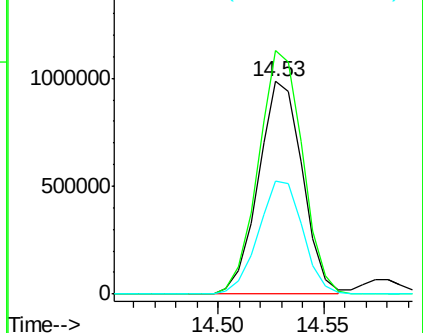
152 53.3 43.4 65.0

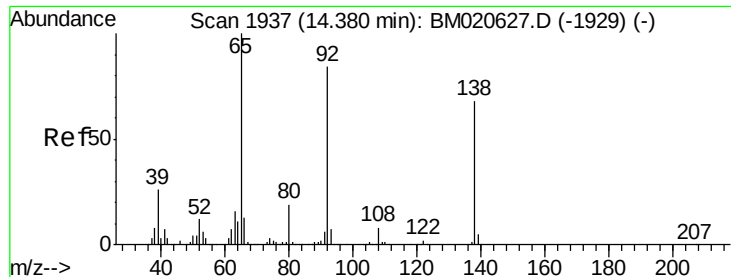


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

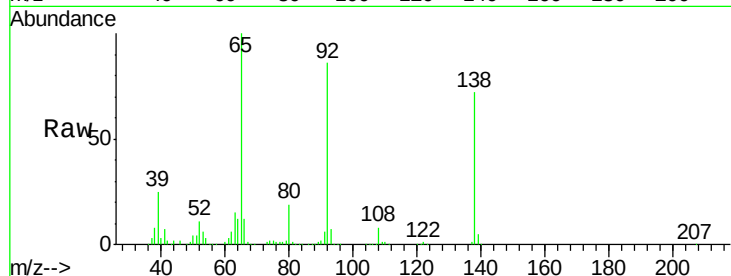




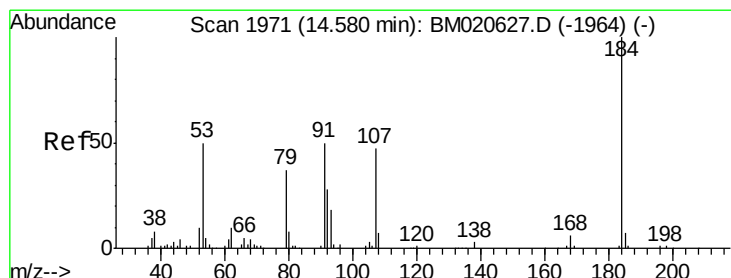
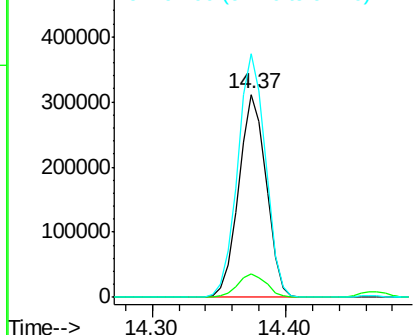
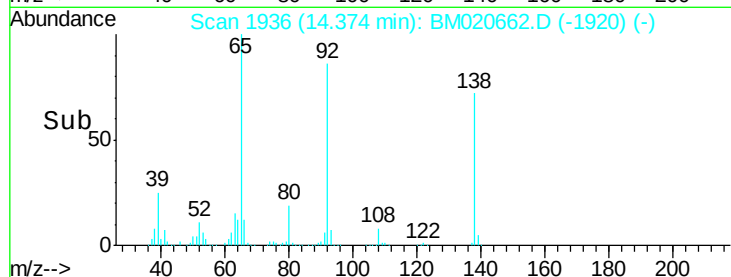
#53
3-Nitroaniline
Concen: 41.087 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 445368
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 120.0 99.6 149.4

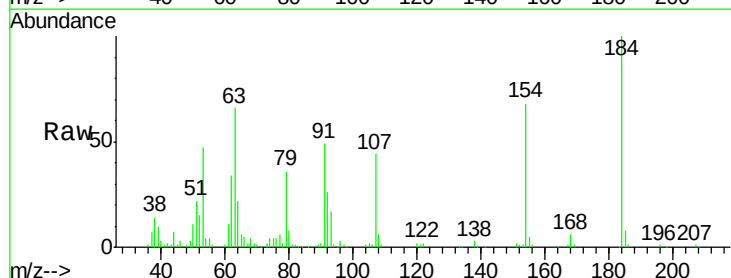


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

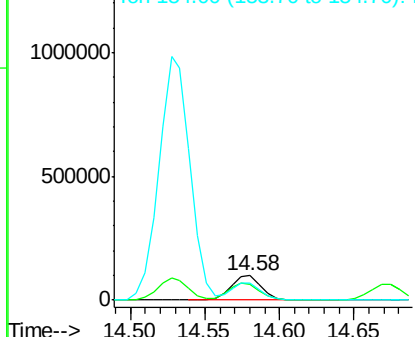
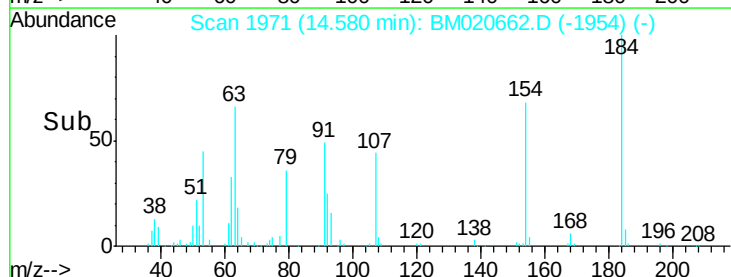


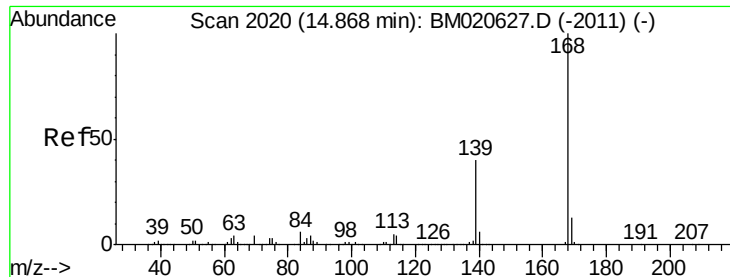
#54
2,4-Dinitrophenol
Concen: 38.196 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion:184 Resp: 142150
Ion Ratio Lower Upper
184 100
63 66.3 59.3 88.9
154 68.5 56.5 84.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.147 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

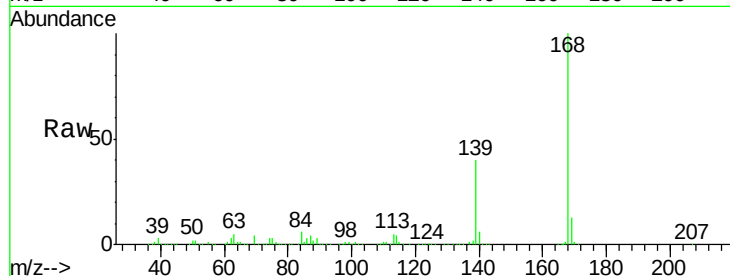
Tot Ion:168 Resp: 2187804

Ion Ratio Lower Upper

168 100

139 39.8 31.9 47.9

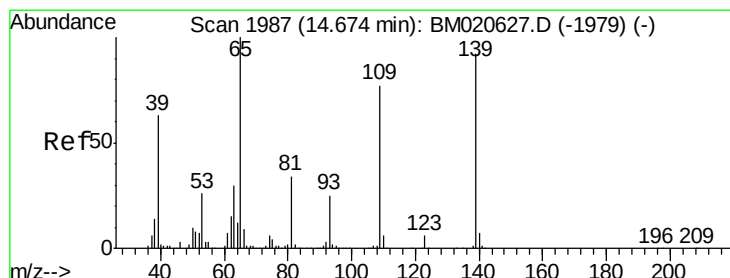
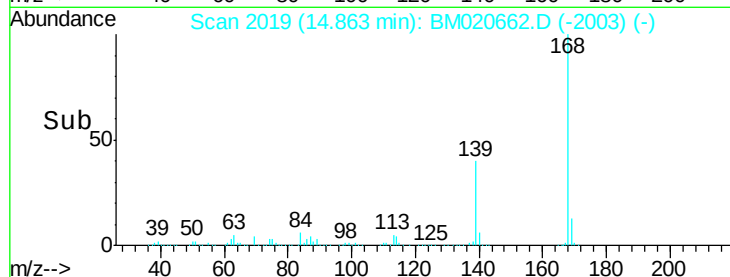
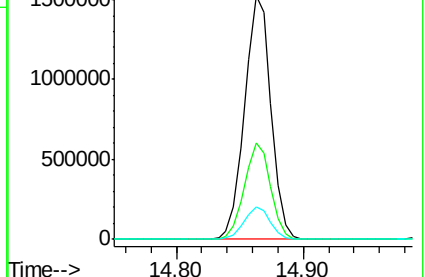
169 13.3 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.144 ng

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

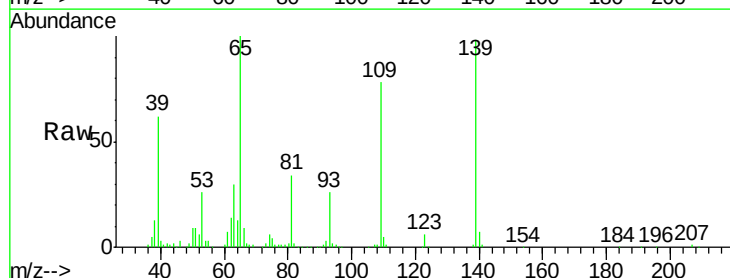
Tgt Ion:139 Resp: 320663

Ion Ratio Lower Upper

139 100

109 79.5 62.7 102.7

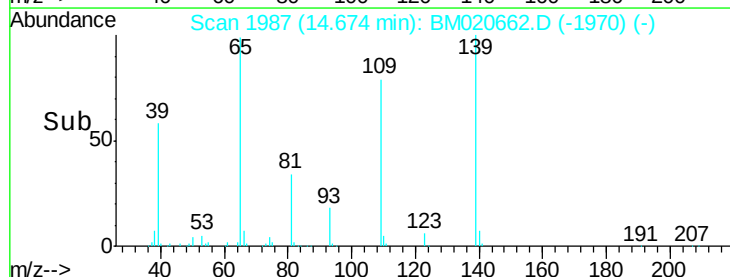
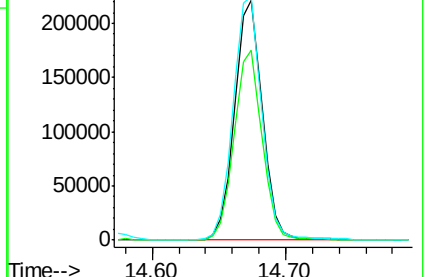
65 101.8 88.3 128.3

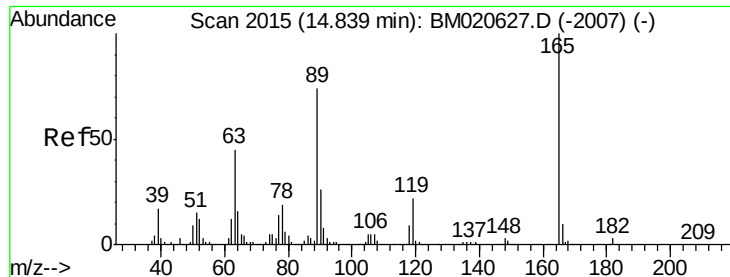


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

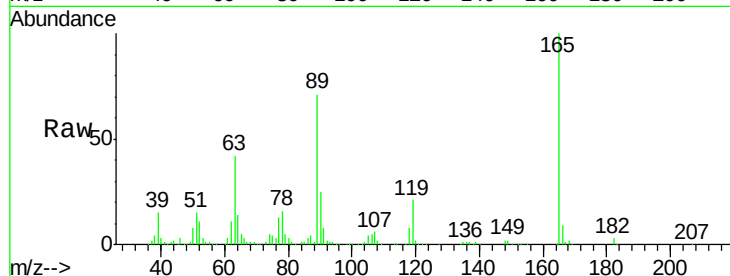




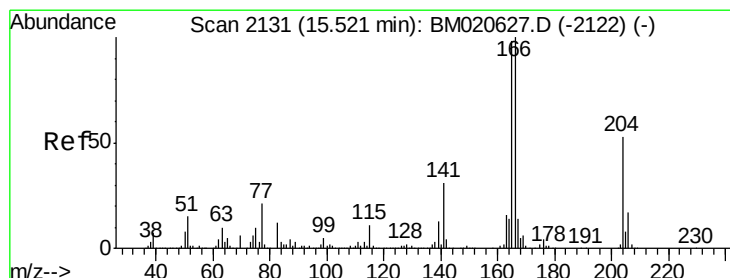
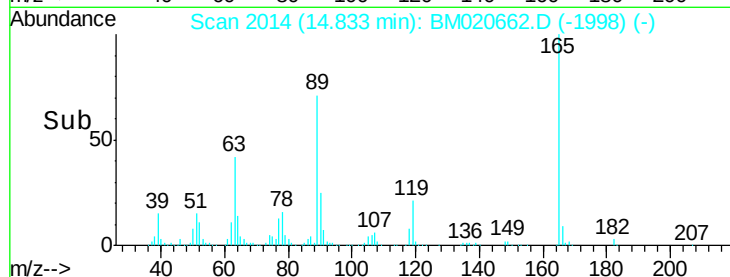
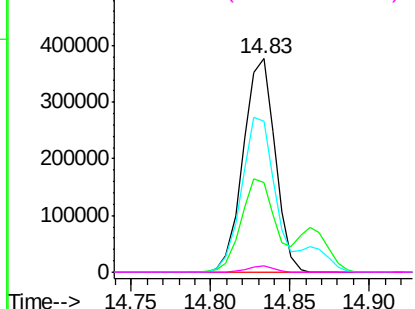
#57
 2,4-Dinitrotoluene
 Concen: 40.432 ng
 RT: 14.83 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 525750
 Ion Ratio Lower Upper
 165 100
 63 42.1 36.3 54.5
 89 70.9 59.0 88.6
 182 2.8 2.2 3.4

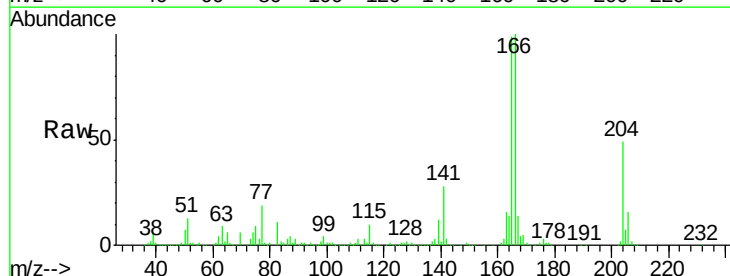


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

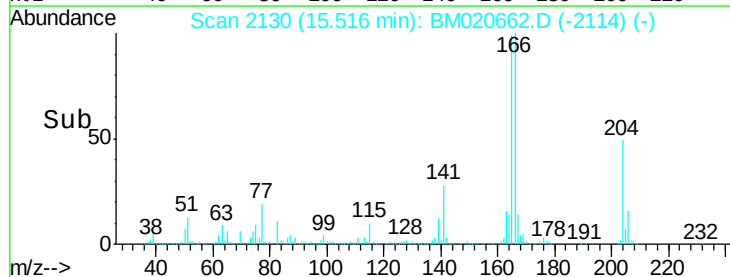
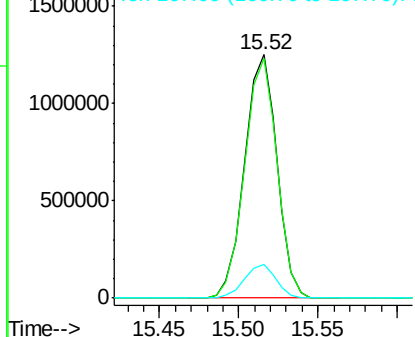


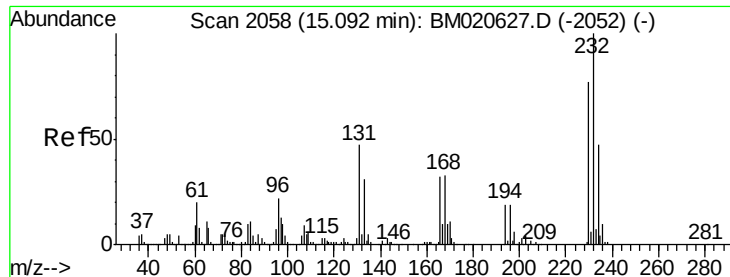
#58
 Fluorene
 Concen: 39.595 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Tgt Ion:166 Resp: 1774449
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.6 117.8
 167 13.6 11.0 16.4



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

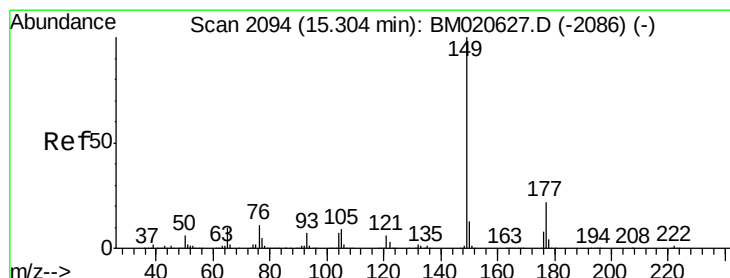
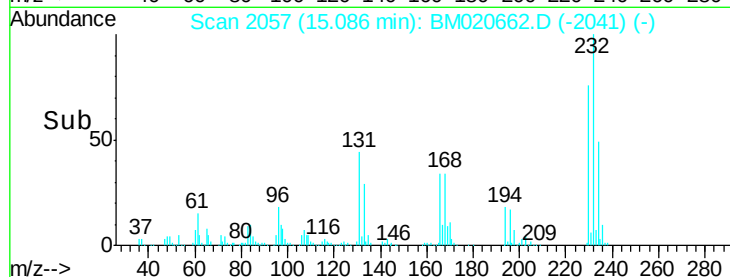
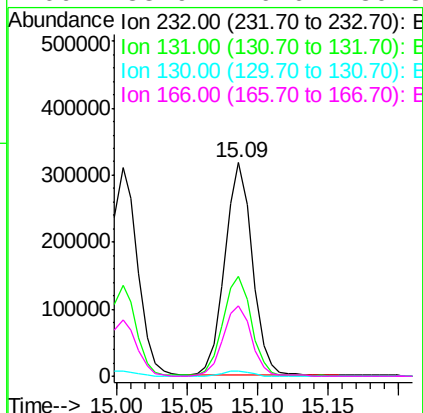
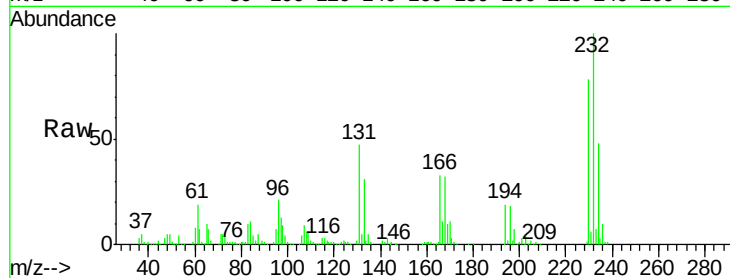




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.560 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

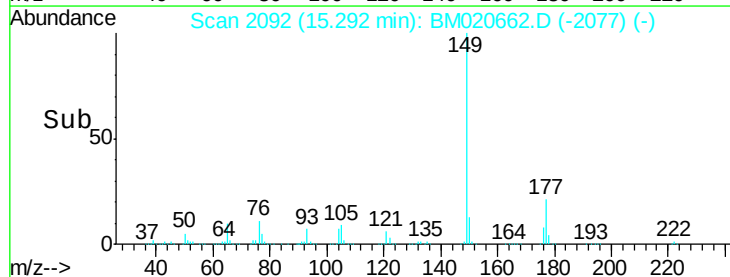
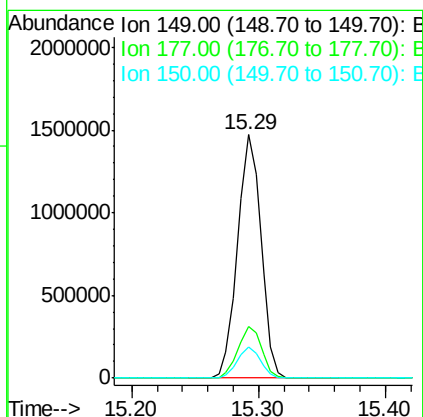
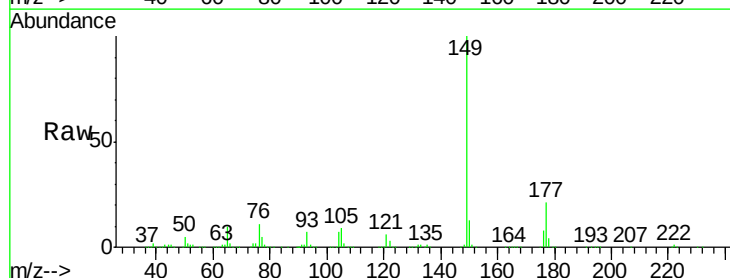
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

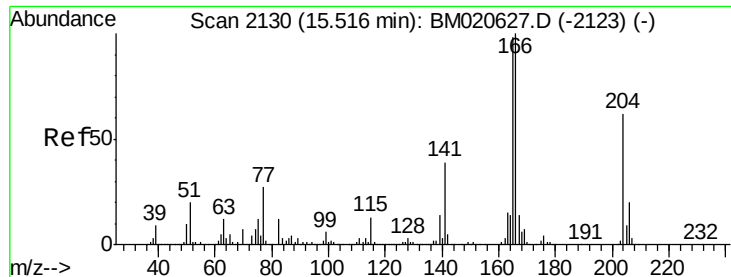
Tot Ion:	232	Resp:	430883
Ion	Ratio	Lower	Upper
232	100		
131	48.2	38.6	57.8
130	2.5	2.2	3.2
166	33.9	26.6	39.8



#60
 Diethylphthalate
 Concen: 38.088 ng
 RT: 15.29 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Tgt Ion:	149	Resp:	1878802
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.2	25.8
150	12.6	10.1	15.1

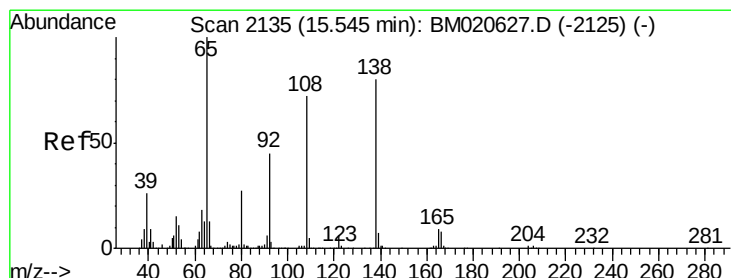
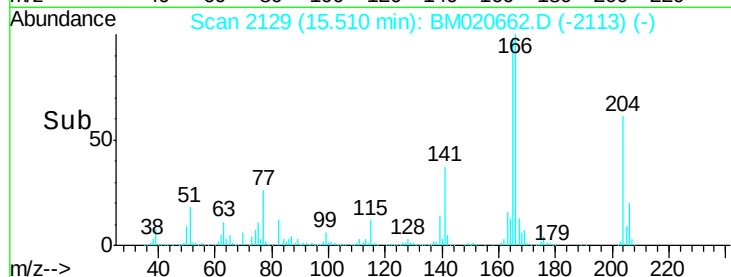
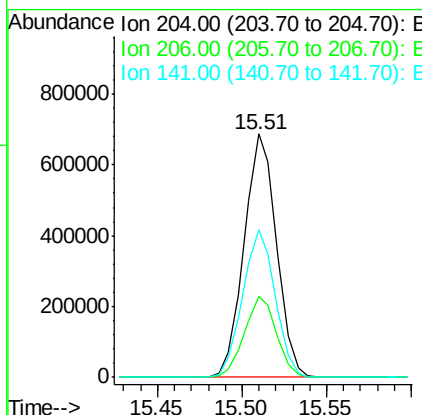
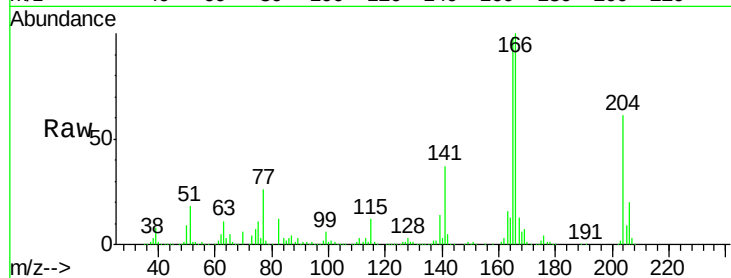




#61
4-Chlorophenyl-phenylether
Concen: 38.656 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

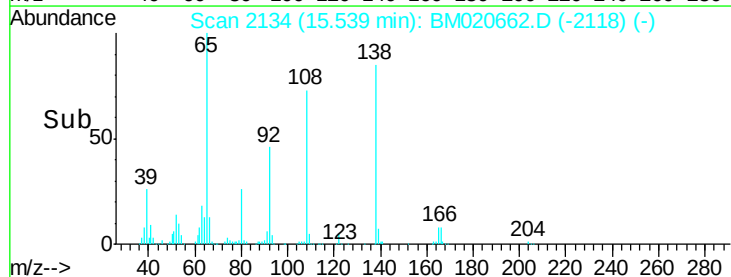
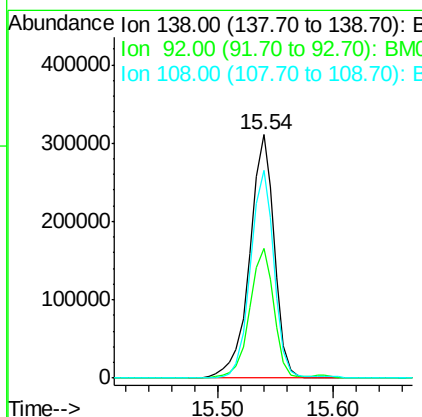
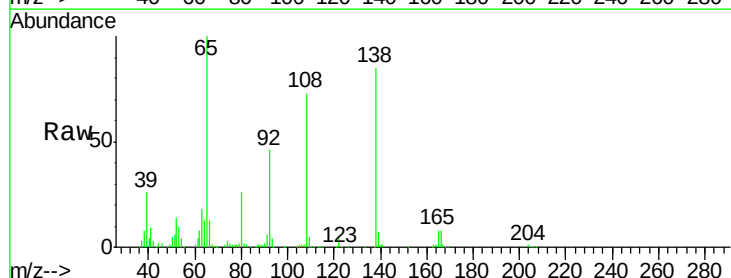
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

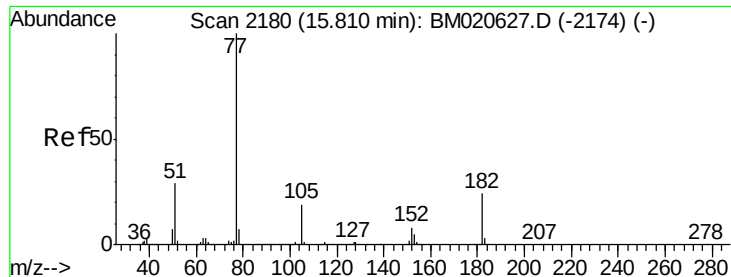
Tot Ion:204 Resp: 917229
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 60.8 50.2 75.4



#62
4-Nitroaniline
Concen: 40.288 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion:138 Resp: 463152
Ion Ratio Lower Upper
138 100
92 53.4 36.7 76.7
108 85.6 70.3 110.3





#63

Azobenzene

Concen: 37.999 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1796991

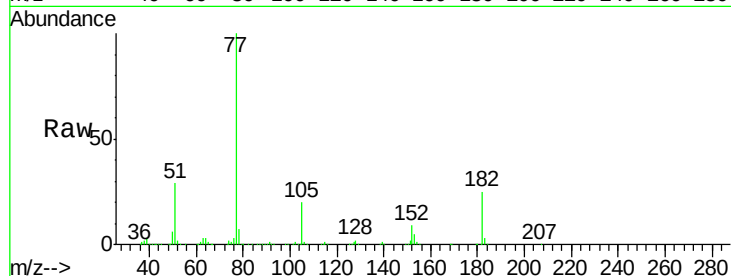
Ion	Ratio	Lower	Upper
77	100		
182	25.0	3.6	43.6
105	20.3	0.0	39.4
51	28.6	9.5	49.5

77 100

182 25.0 3.6 43.6

105 20.3 0.0 39.4

51 28.6 9.5 49.5



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

2000000

1500000

1000000

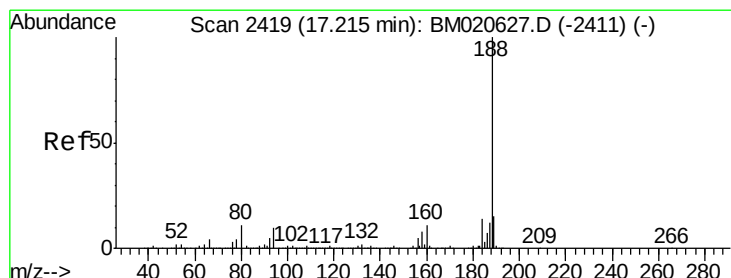
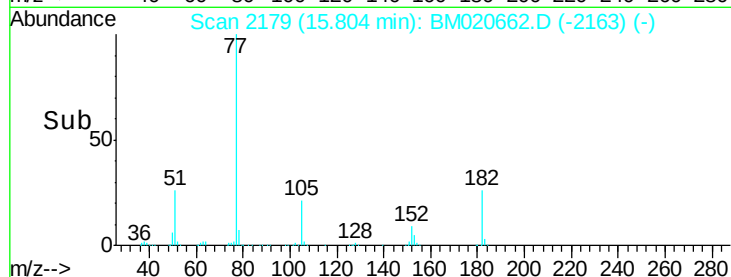
500000

0

15.80

15.90

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

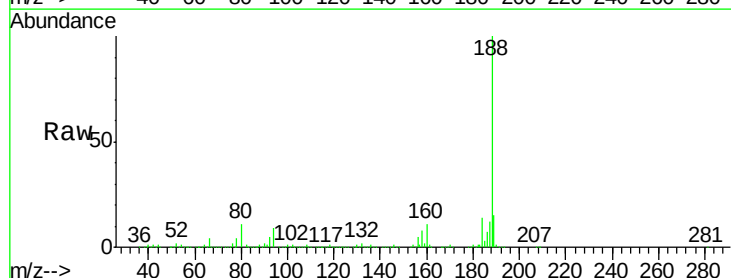
Tgt Ion: 188 Resp: 1144707

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.8
80	10.7	9.0	13.6

188 100

94 9.3 7.8 11.8

80 10.7 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

1000000

800000

600000

400000

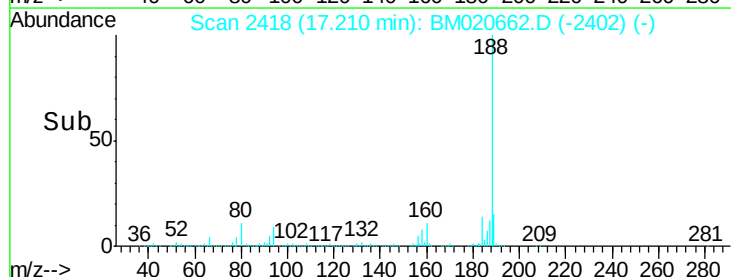
200000

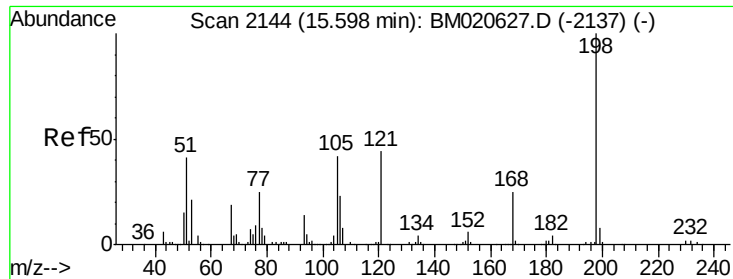
0

17.21

17.30

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 39.002 ng

RT: 15.59 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

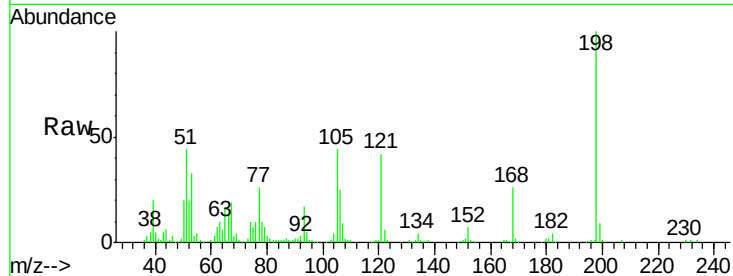
Tot Ion:198 Resp: 192621

Ion	Ratio	Lower	Upper
198	100		
51	44.0	27.7	67.7
105	44.4	23.8	63.8

198 100

51 44.0 27.7 67.7

105 44.4 23.8 63.8

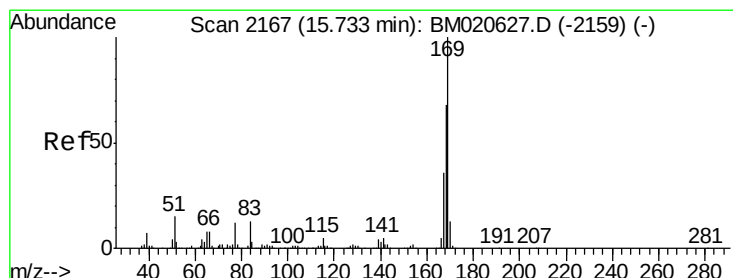
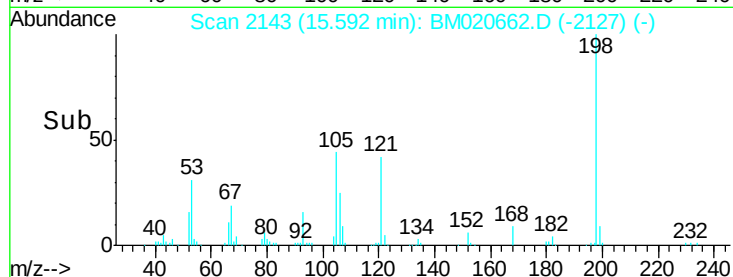


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM020662.D (-2127) (-)

Ion 105.00 (104.70 to 105.70): E

Time--> 15.50 15.55 15.60 15.65



#66

n-Nitrosodiphenylamine

Concen: 41.156 ng

RT: 15.73 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

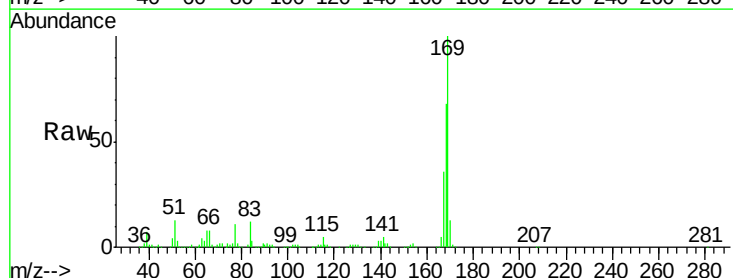
Tgt Ion:169 Resp: 1508148

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.2	81.4
167	36.0	29.1	43.7

169 100

168 67.6 54.2 81.4

167 36.0 29.1 43.7

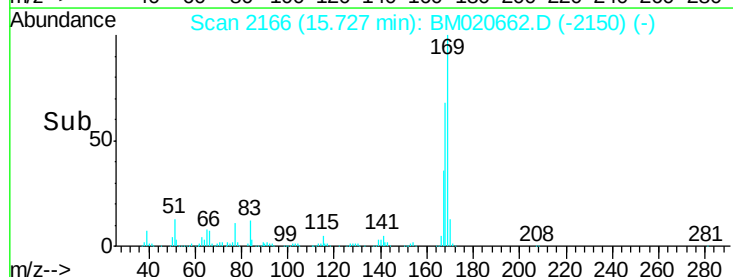


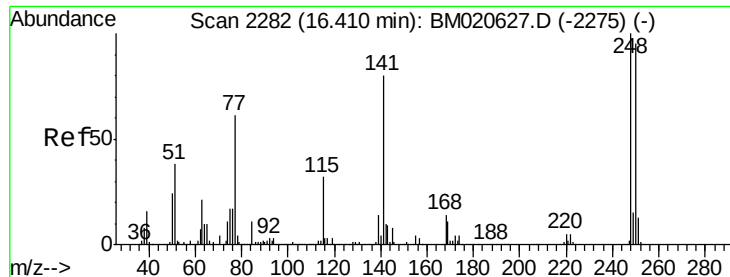
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time--> 15.70 15.75 15.80

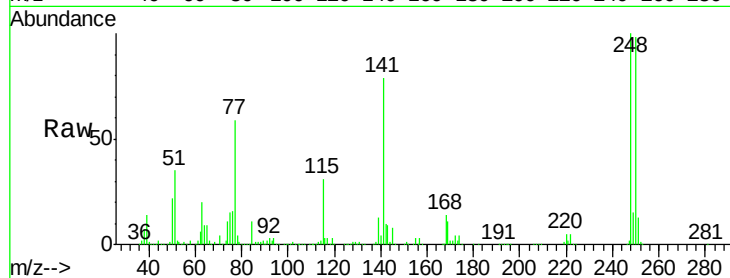




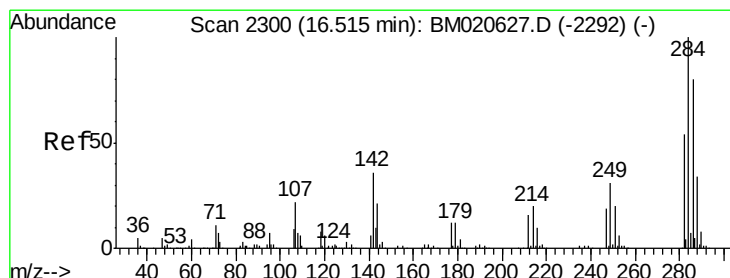
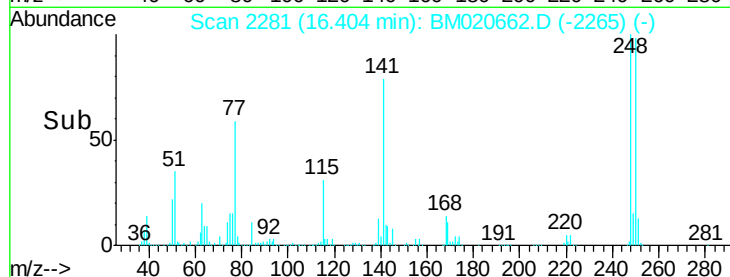
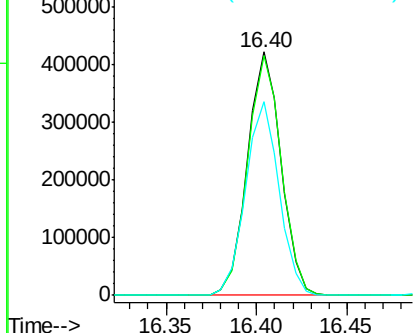
#67
4-Bromophenyl-phenylether
Concen: 40.263 ng
RT: 16.40 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 542650
Ion Ratio Lower Upper
248 100
250 98.2 76.3 114.5
141 79.4 64.2 96.2

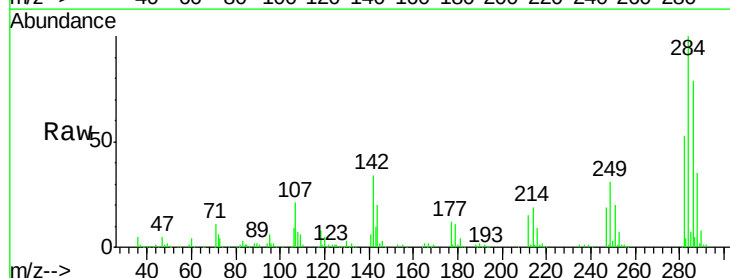


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

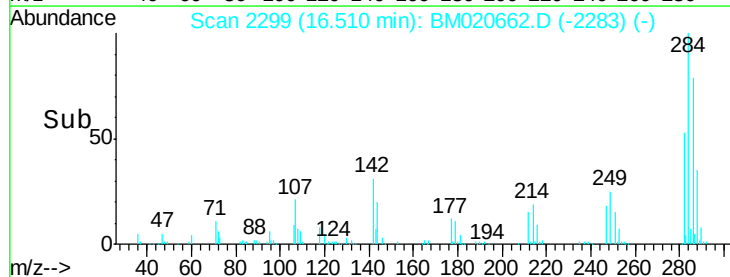
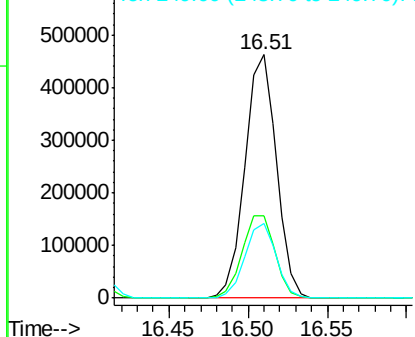


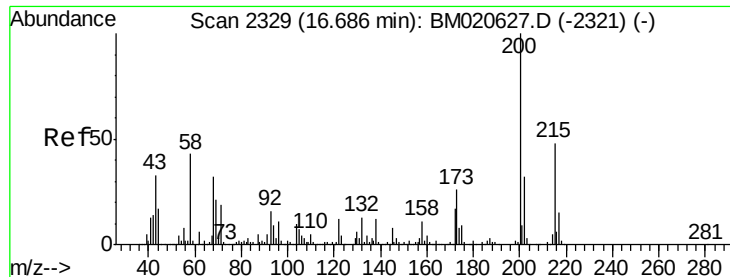
#68
Hexachlorobenzene
Concen: 40.463 ng
RT: 16.51 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion:284 Resp: 636810
Ion Ratio Lower Upper
284 100
142 33.7 28.6 42.8
249 30.7 25.0 37.4



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: 42.412 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

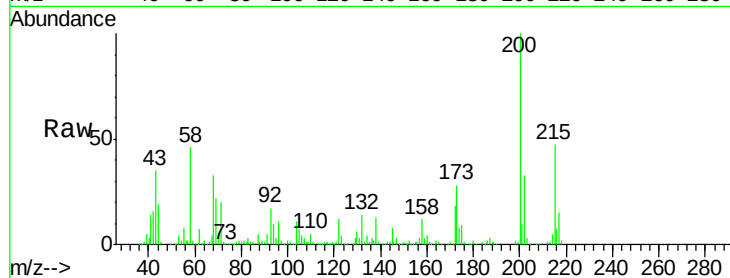
Tot Ion:200 Resp: 463851

Ion Ratio Lower Upper

200 100

173 27.7 6.2 46.2

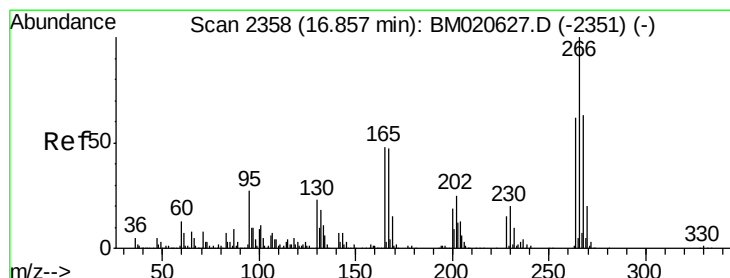
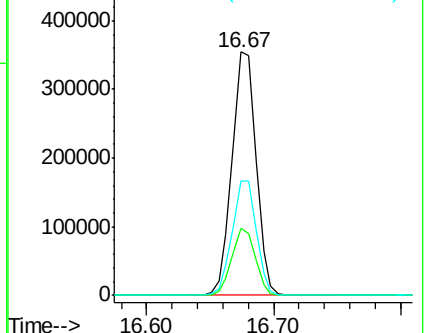
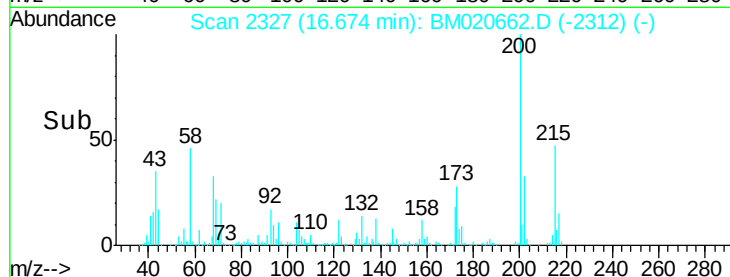
215 47.0 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 43.088 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

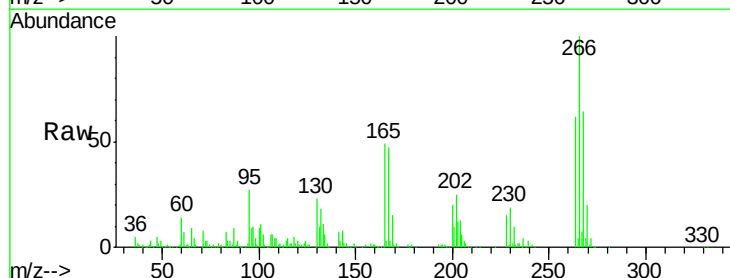
Tgt Ion:266 Resp: 323506

Ion Ratio Lower Upper

266 100

268 63.6 50.6 75.8

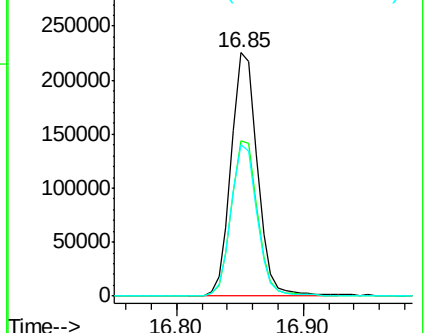
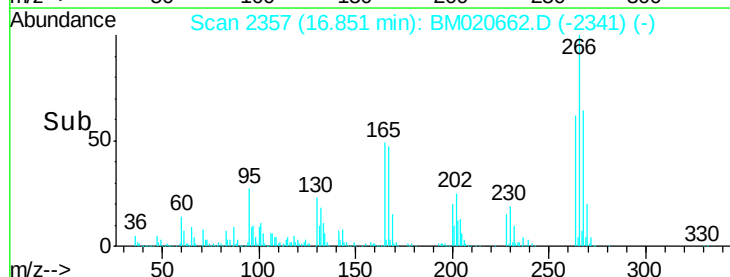
264 62.3 49.6 74.4

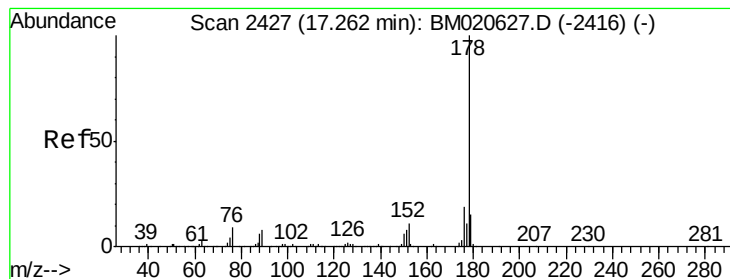


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.803 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

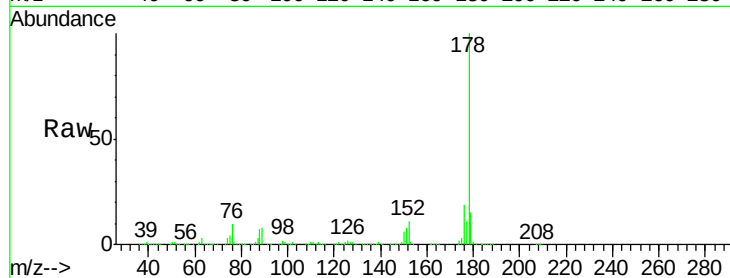
Tot Ion:178 Resp: 2647514

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

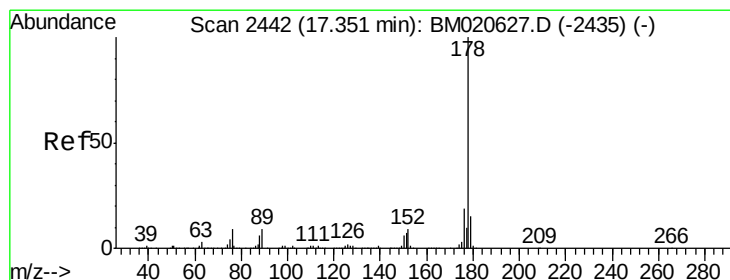
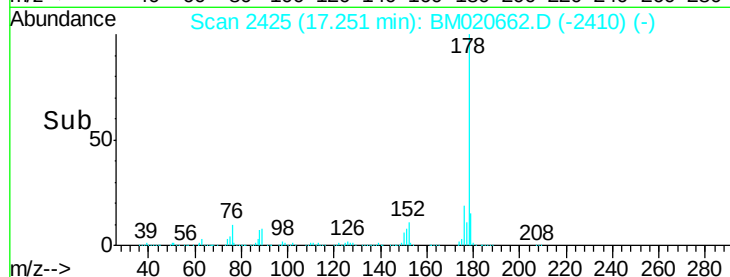
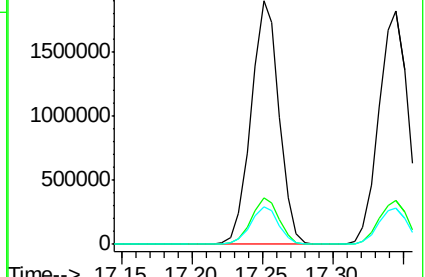
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.332 ng

RT: 17.34 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

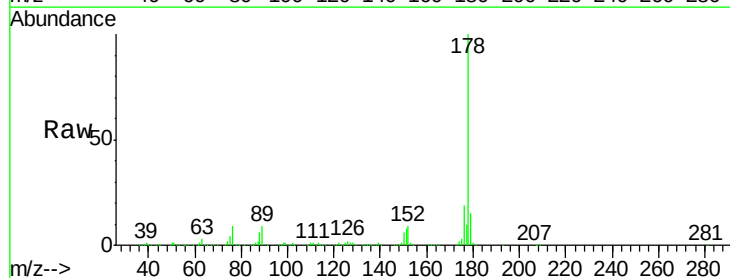
Tgt Ion:178 Resp: 2619258

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

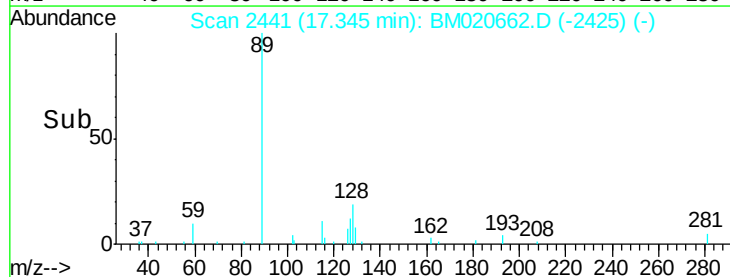
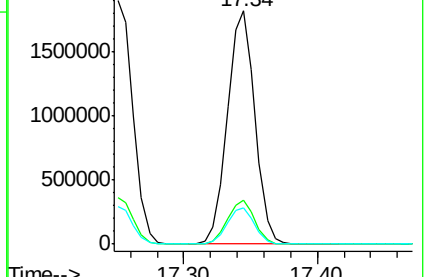
179 15.4 12.3 18.5

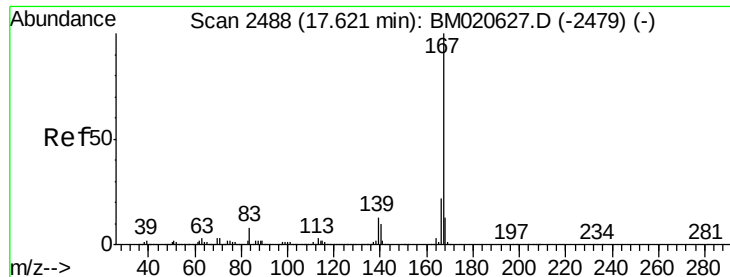


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



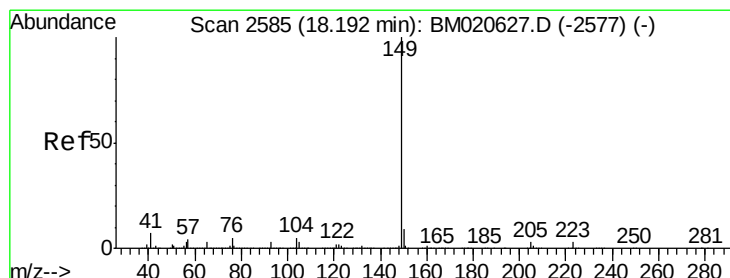
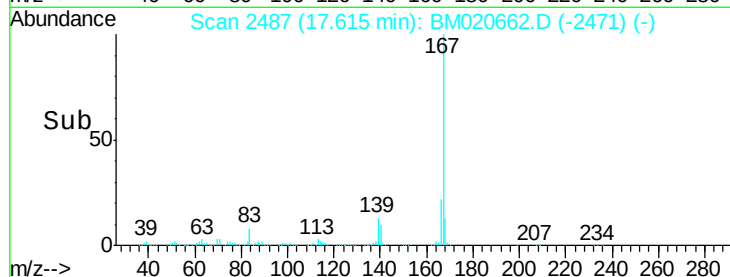
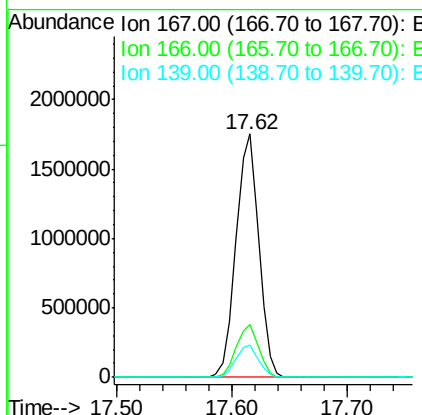
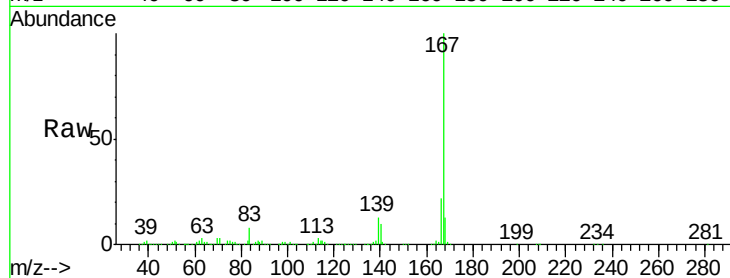


#73
 Carbazole
 Concen: 40.585 ng
 RT: 17.62 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 2391789

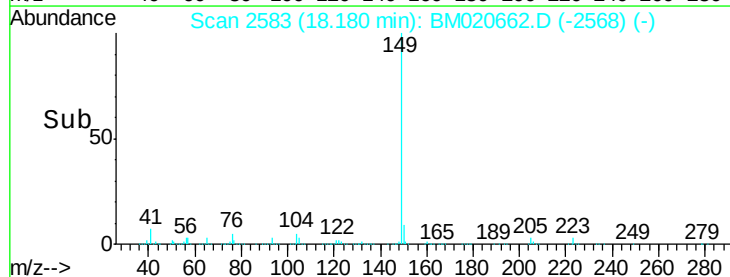
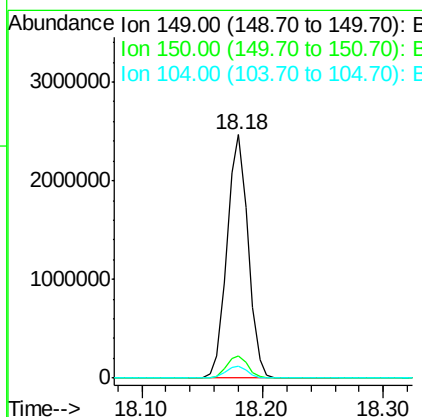
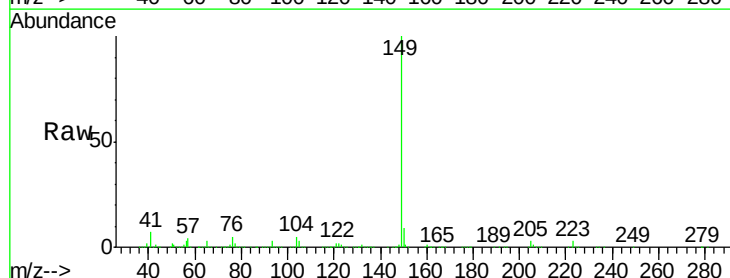
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	13.1	10.6	15.8

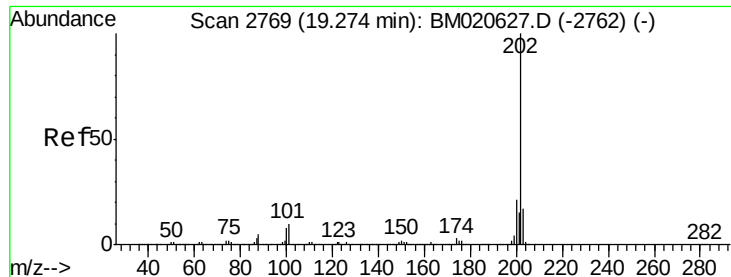


#74
 Di-n-butylphthalate
 Concen: 39.100 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Tgt Ion:149 Resp: 2991270

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.0	4.2	6.2





#75

Fluoranthene

Concen: 39.920 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

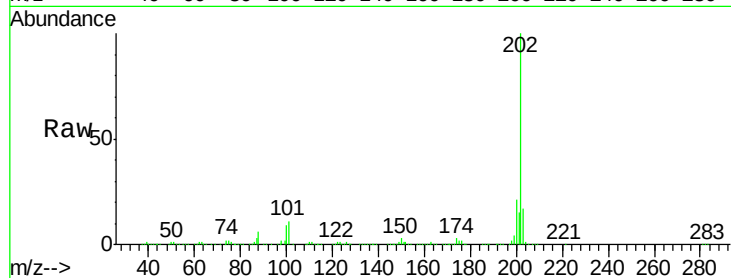
Tot Ion:202 Resp: 2880521

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.4

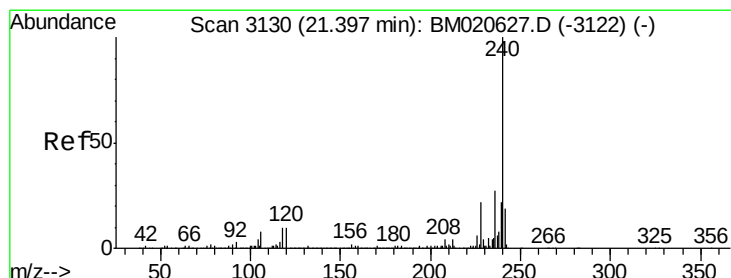
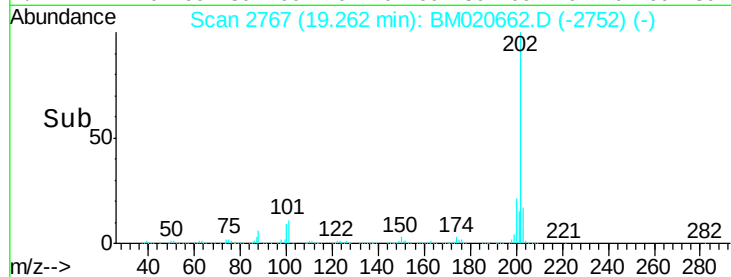
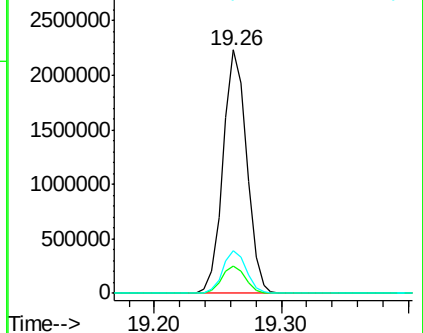
203 17.5 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

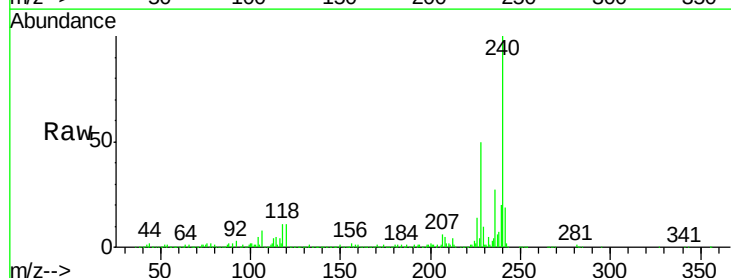
Tgt Ion:240 Resp: 999544

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

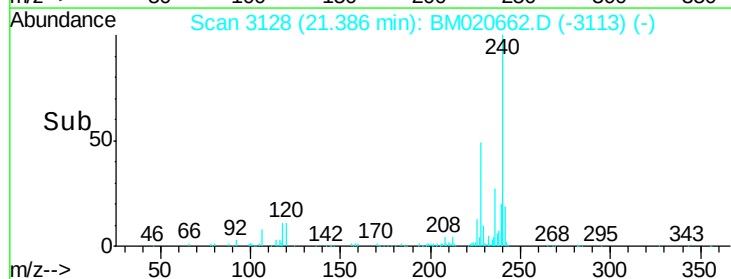
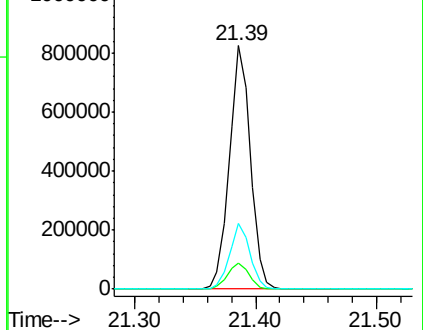
236 26.8 21.2 31.8

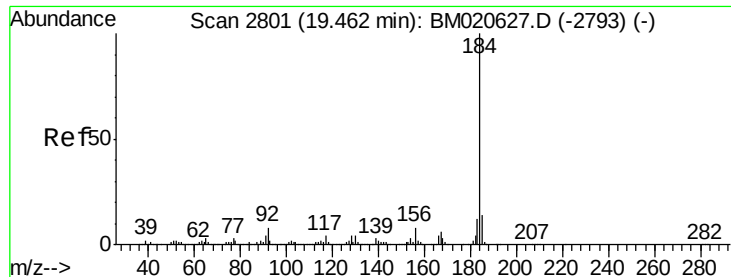


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.860 ng

RT: 19.46 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

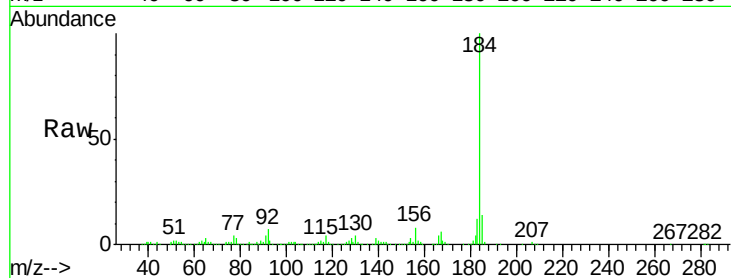
Tot Ion:184 Resp: 1298098

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

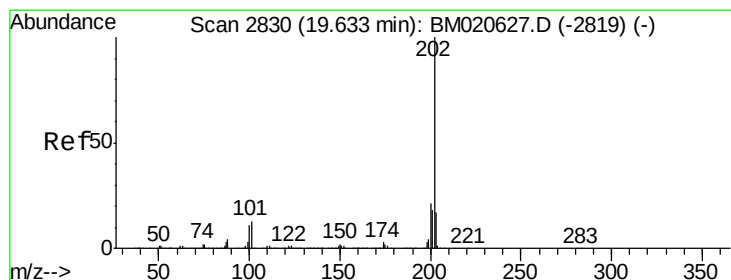
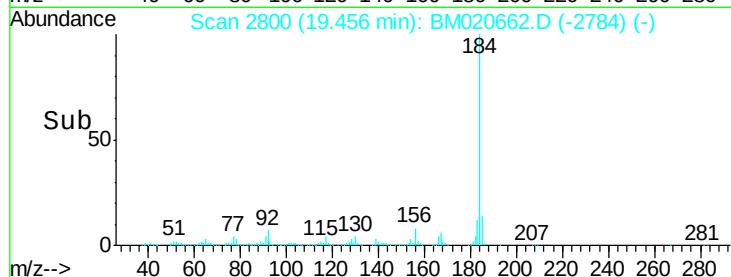
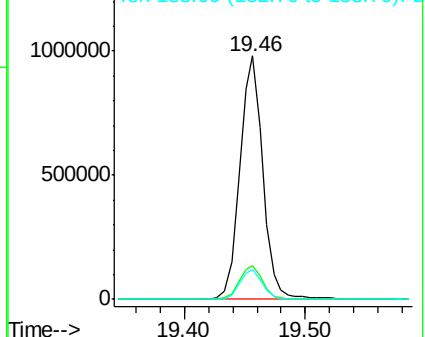
183 12.2 9.8 14.6



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: 38.200 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

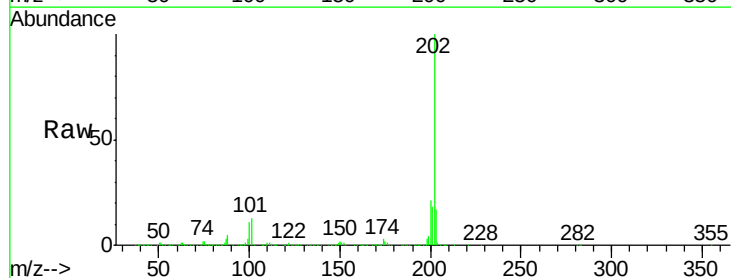
Tgt Ion:202 Resp: 2930060

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

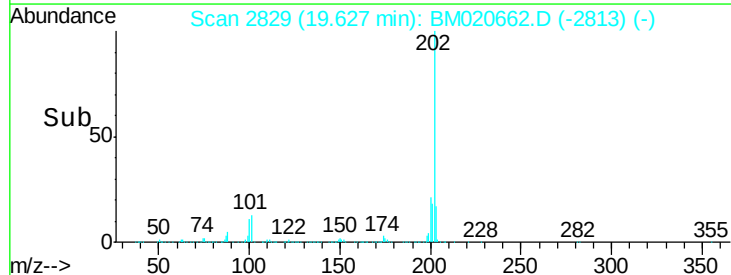
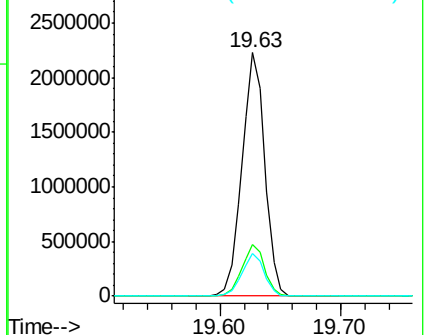
203 17.3 13.9 20.9

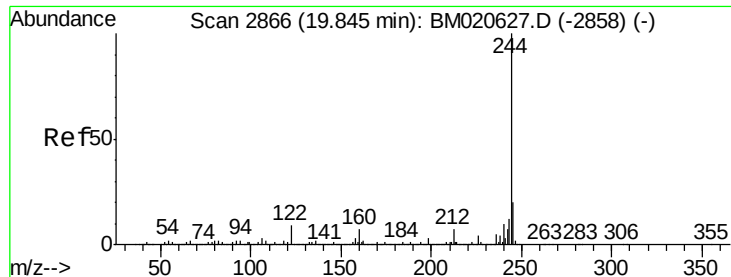


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.251 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

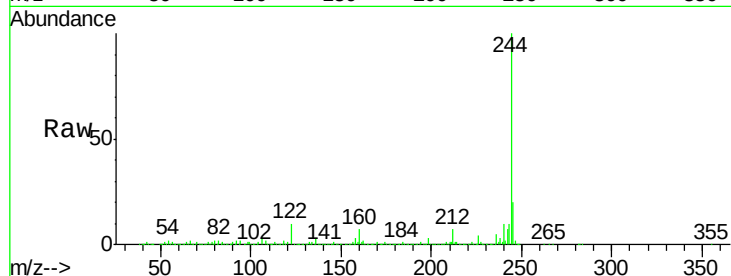
Tot Ion:244 Resp: 4616362

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

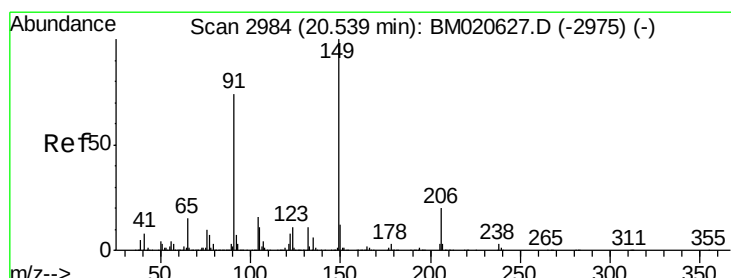
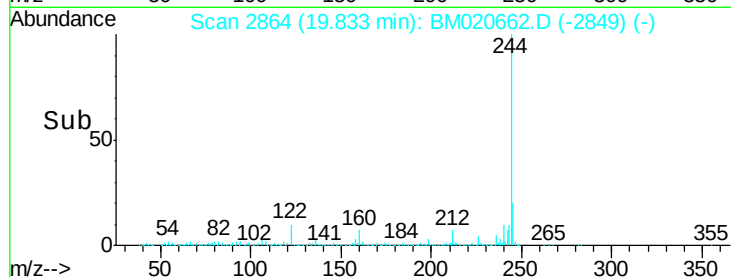
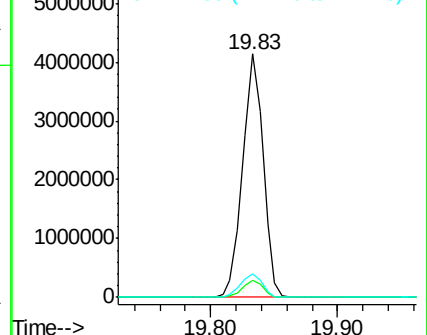
122 9.8 7.2 10.8



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: 38.748 ng

RT: 20.53 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

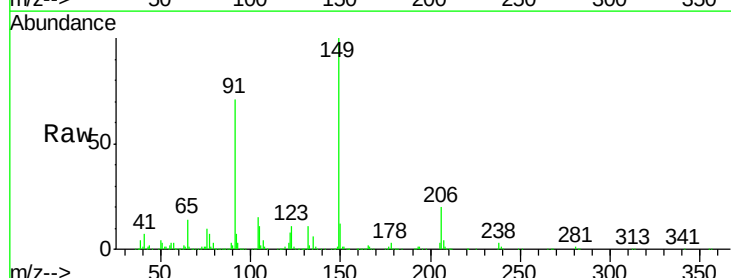
Tgt Ion:149 Resp: 1256014

Ion Ratio Lower Upper

149 100

91 70.7 59.6 89.4

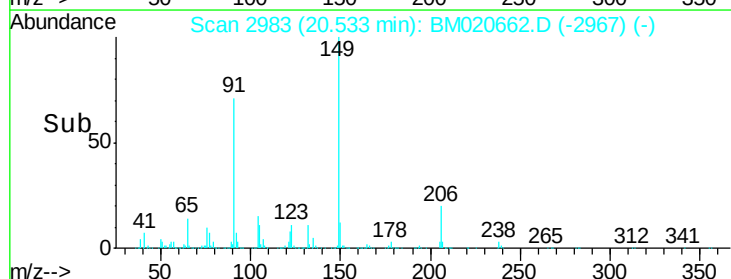
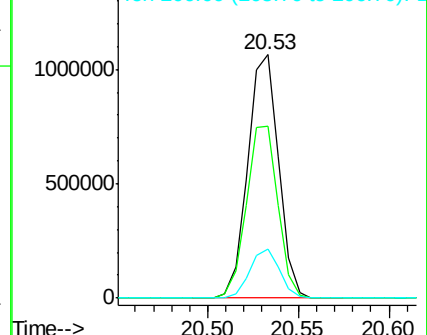
206 20.2 15.7 23.5

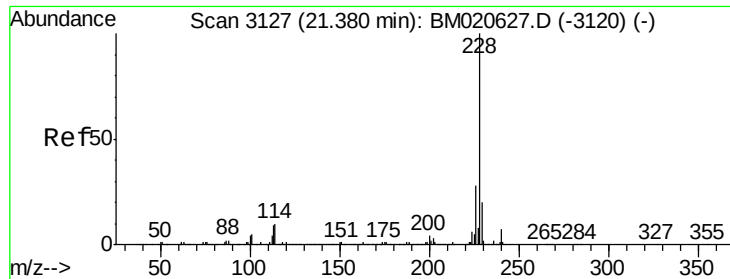


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

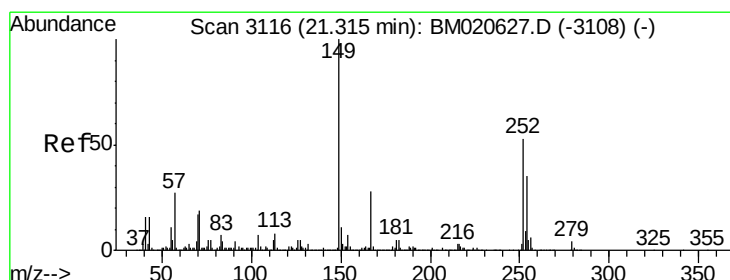
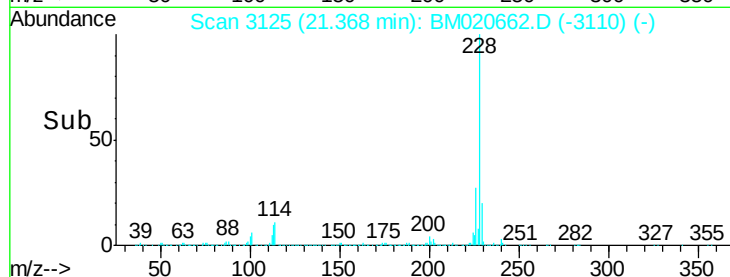
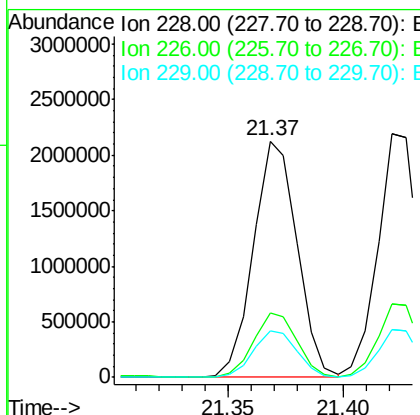
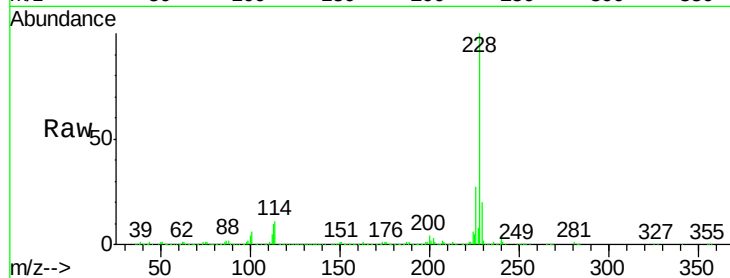




#81
Benzo(a)anthracene
Concen: 40.209 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

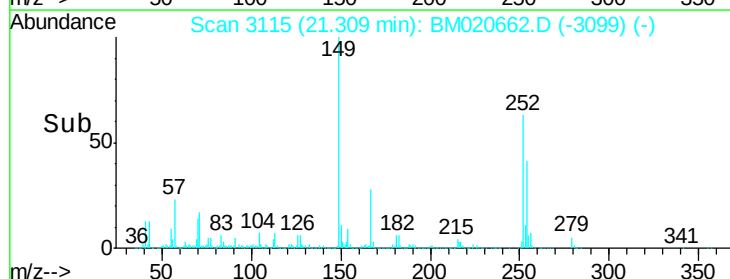
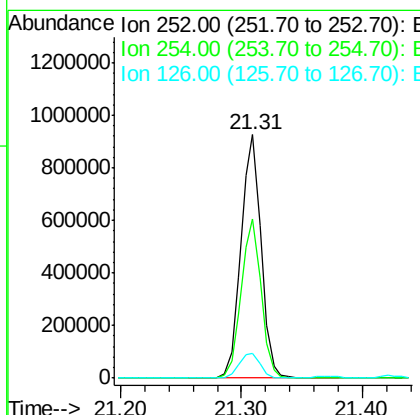
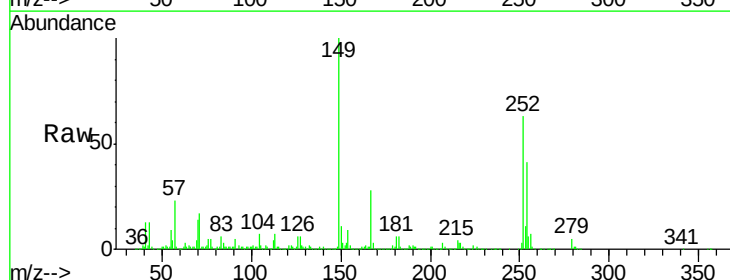
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

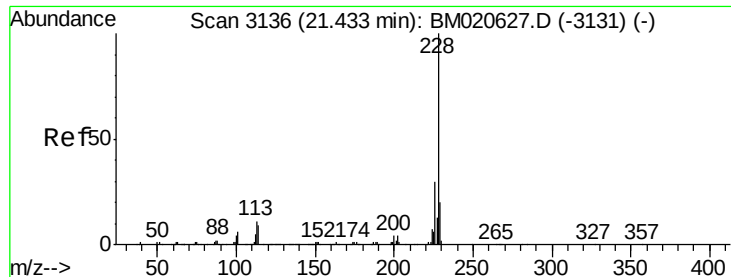
Tot Ion:228 Resp: 2798849
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 42.363 ng
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion:252 Resp: 1079811
Ion Ratio Lower Upper
252 100
254 65.3 52.6 78.8
126 10.4 8.0 12.0





#83

Chrysene

Concen: 40.570 ng

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

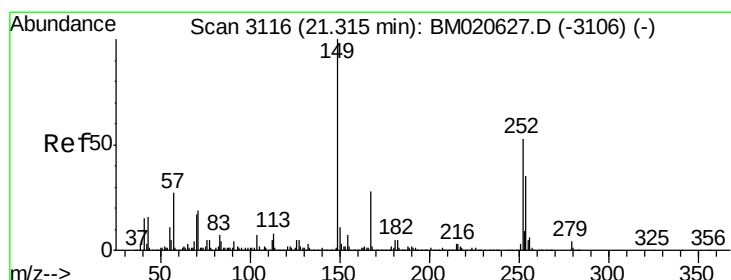
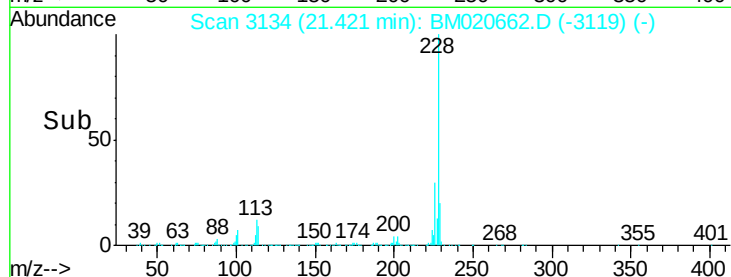
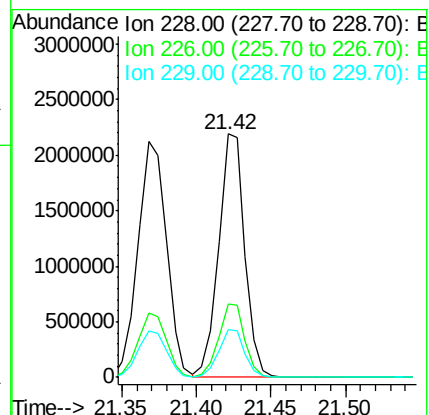
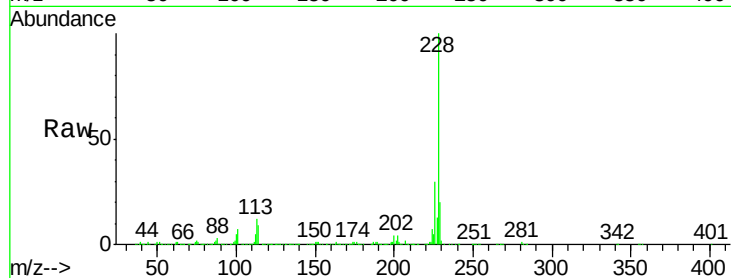
Tot Ion:228 Resp: 2684370

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.514 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

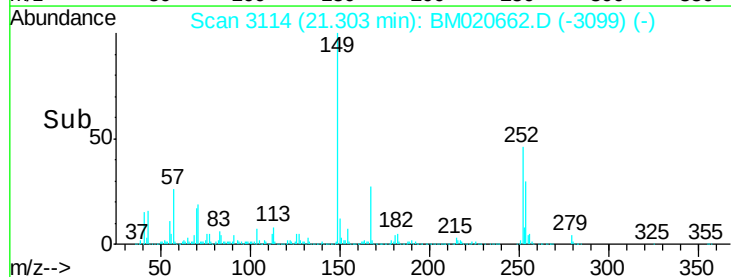
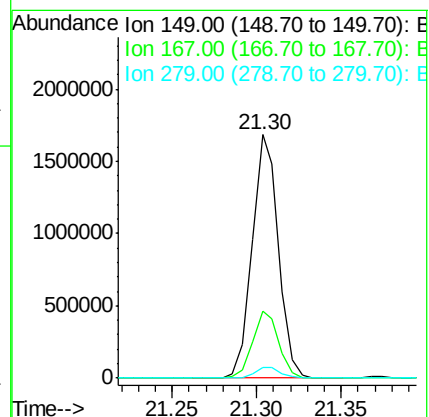
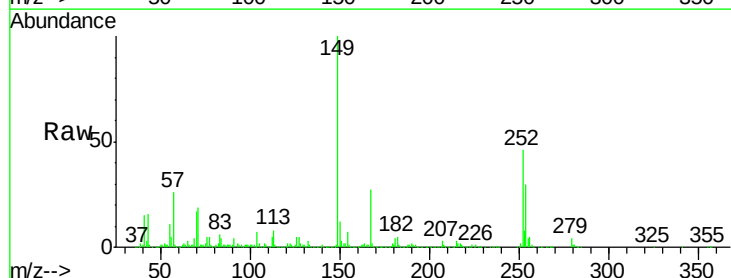
Tgt Ion:149 Resp: 1814443

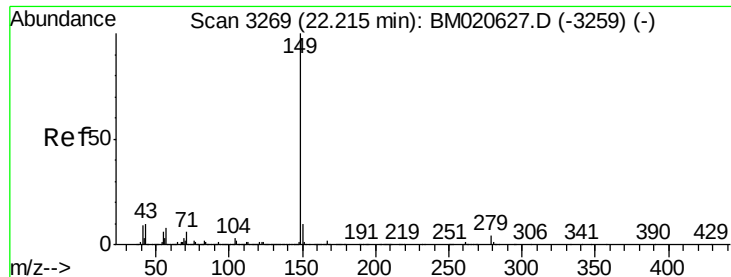
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 40.560 ng

RT: 22.20 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

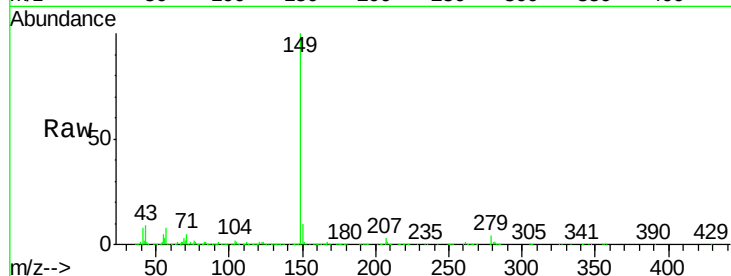
Tot Ion:149 Resp: 3033704

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

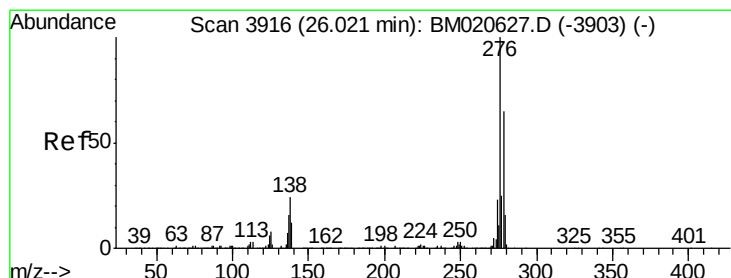
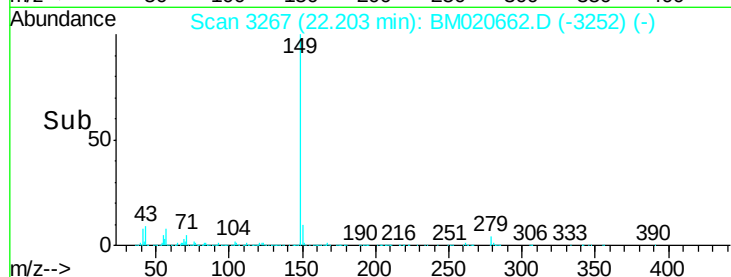
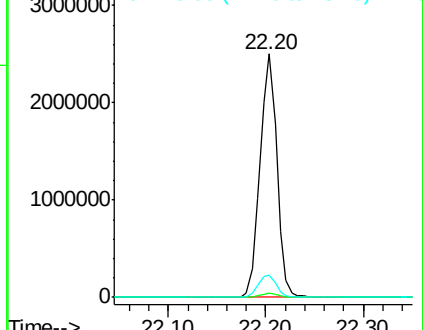
43 9.7 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.241 ng

RT: 26.01 min Scan# 3914

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

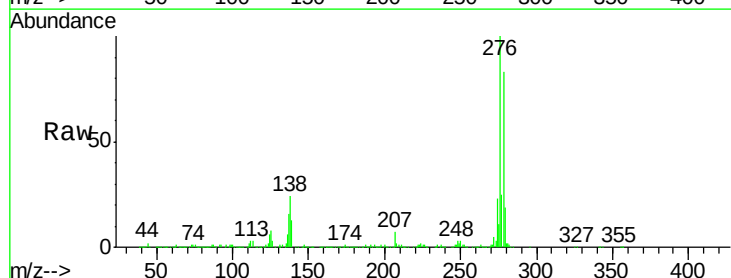
Tgt Ion:276 Resp: 3400867

Ion Ratio Lower Upper

276 100

138 24.6 19.8 29.8

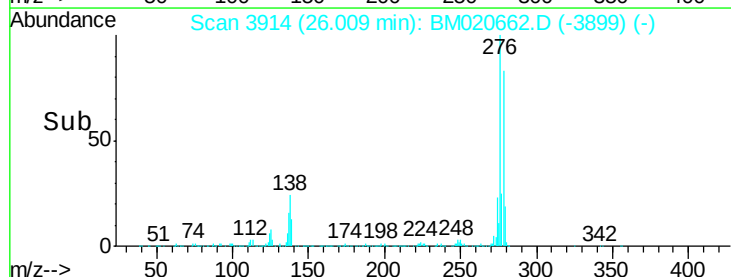
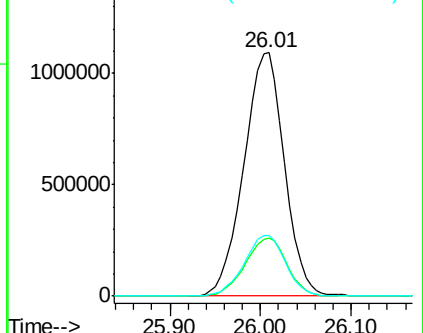
277 25.5 20.2 30.4

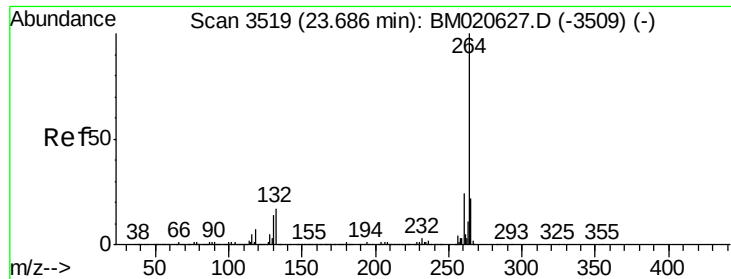


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

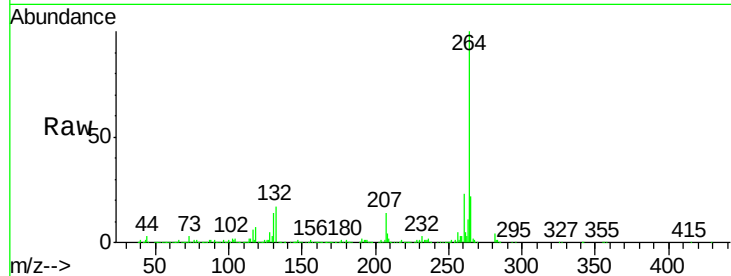
Tot Ion:264 Resp: 1129590

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

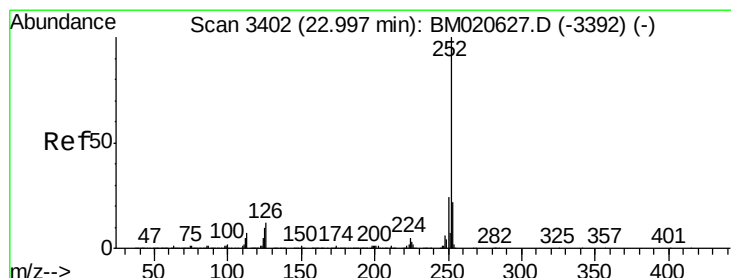
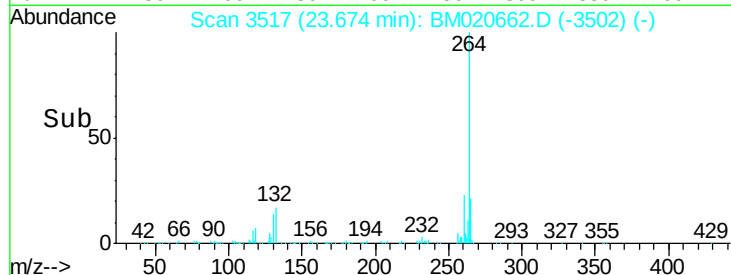
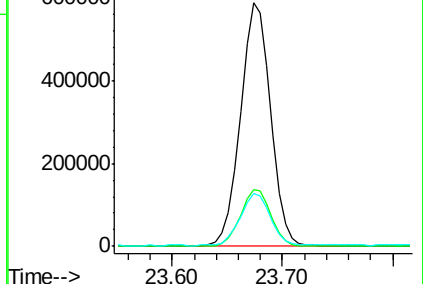
265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.689 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

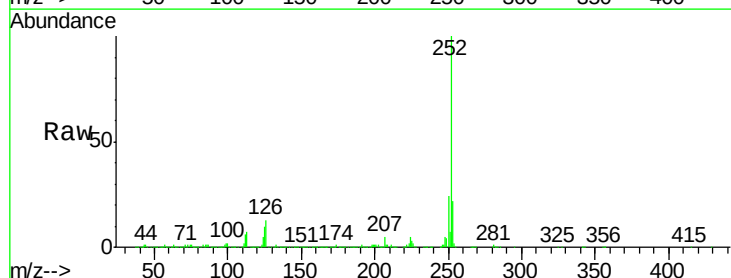
Tgt Ion:252 Resp: 2888490

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

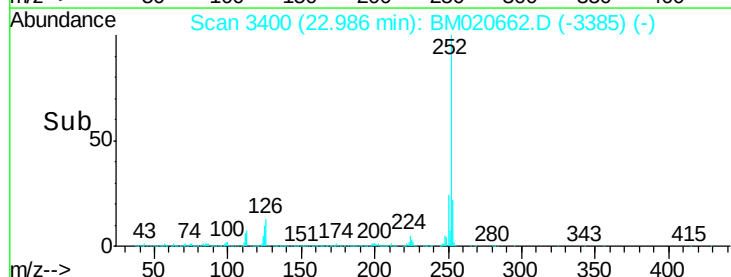
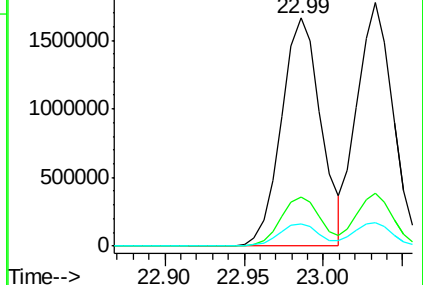
125 10.0 7.8 11.8

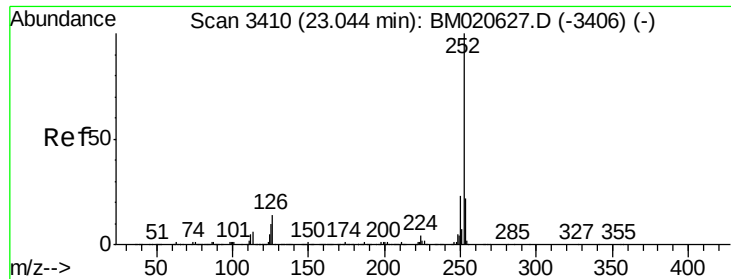


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.947 ng

RT: 23.03 min Scan# 3408

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

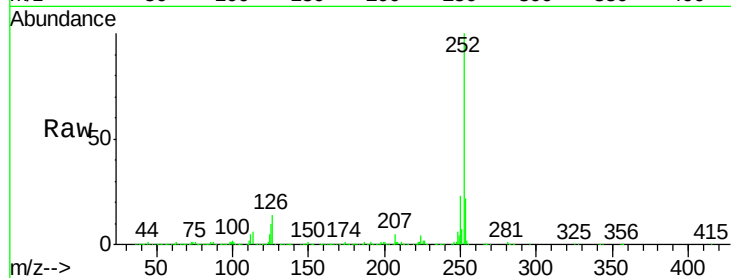
Tot Ion:252 Resp: 2768614

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

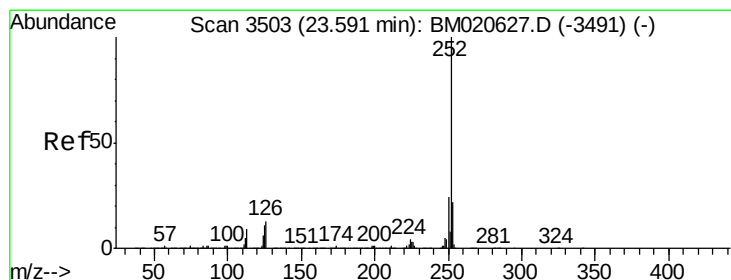
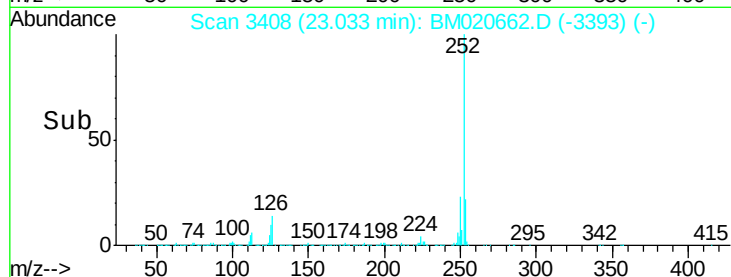
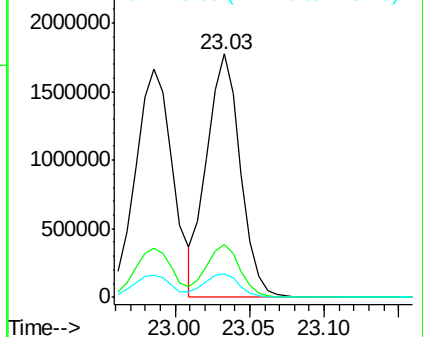
125 9.8 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.591 ng

RT: 23.58 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

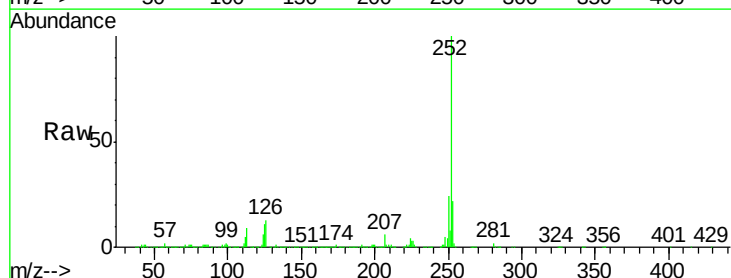
Tgt Ion:252 Resp: 2681113

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

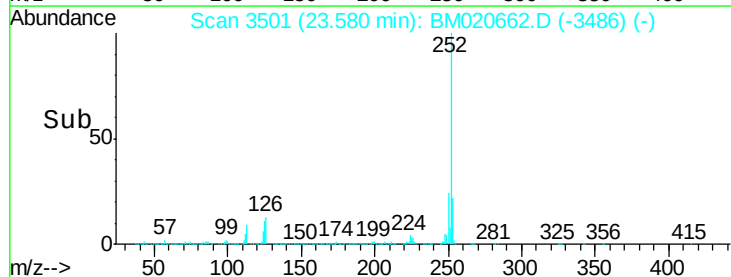
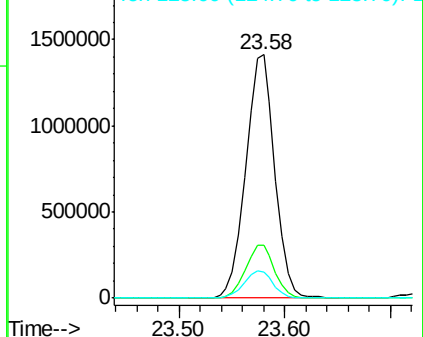
125 10.9 8.6 13.0

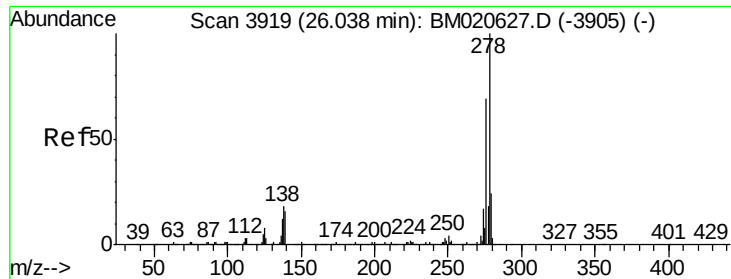


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

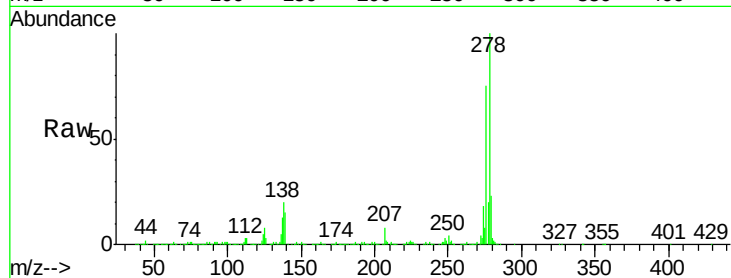




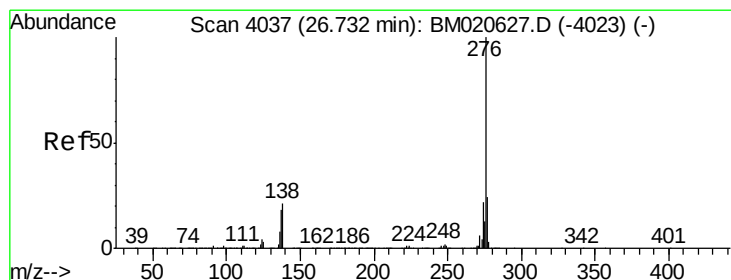
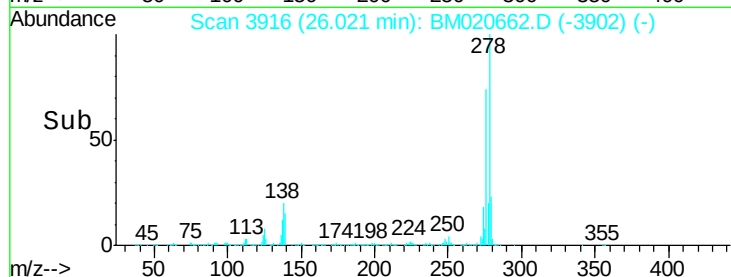
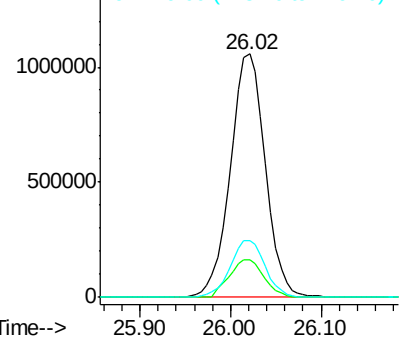
#91
Dibenzo(a,h)anthracene
Concen: 43.030 ng
RT: 26.02 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 2827066
Ion Ratio Lower Upper
278 100
139 15.3 12.6 18.8
279 23.5 19.0 28.6

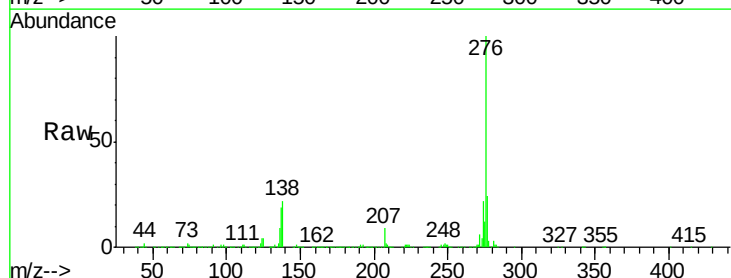


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.748 ng
RT: 26.71 min Scan# 4034
Delta R.T. -0.02 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion:276 Resp: 2669736
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 21.6 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

