

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020230.D
 Acq On : 10 May 2019 06:36
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 10 07:08:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	147720	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	549591	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	320240	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	705448	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	747582	20.00	ng	-0.01
87) Perylene-d12	23.64	264	906797	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	822918	91.06	ng	-0.01
7) Phenol-d6	6.95	99	1086034	87.97	ng	0.00
23) Nitrobenzene-d5	8.95	82	1216378	87.38	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	445569	89.64	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	2348762	90.24	ng	-0.02
79) Terphenyl-d14	19.80	244	3659468	85.38	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	192079	43.337	ng	# 91
3) Pyridine	3.69	79	535002	47.197	ng	96
4) n-Nitrosodimethylamine	3.62	42	148352	40.812	ng	# 59
6) Aniline	7.11	93	687004	44.205	ng	98
8) 2-Chlorophenol	7.34	128	441878	44.906	ng	100
9) Benzaldehyde	6.93	77	373700	39.992	ng	95
10) Phenol	6.97	94	587232	44.183	ng	91
11) bis(2-Chloroethyl)ether	7.20	93	434172	44.945	ng	97
12) 1,3-Dichlorobenzene	7.66	146	509713	44.521	ng	96
13) 1,4-Dichlorobenzene	7.81	146	509262	44.033	ng	94
14) 1,2-Dichlorobenzene	8.12	146	481363	43.686	ng	97
15) Benzyl Alcohol	8.02	79	476138	39.995	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	334608	41.773	ng	98
17) 2-Methylphenol	8.22	107	369310	43.165	ng	96
18) Hexachloroethane	8.84	117	190547	39.513	ng	98
19) n-Nitroso-di-n-propylamine	8.58	70	420291	39.790	ng	95
20) 3+4-Methylphenols	8.55	107	487810	42.899	ng	96
22) Acetophenone	8.60	105	648859	43.199	ng	# 96
24) Nitrobenzene	8.99	77	616444	42.709	ng	96
25) Isophorone	9.50	82	1047884	43.651	ng	99
26) 2-Nitrophenol	9.69	139	236571	54.291	ng	93
27) 2,4-Dimethylphenol	9.74	122	318148	43.855	ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	585047	44.747	ng	98
29) 2,4-Dichlorophenol	10.22	162	419109	45.816	ng	98
30) 1,2,4-Trichlorobenzene	10.43	180	513615	45.631	ng	99
31) Naphthalene	10.62	128	1290274	45.240	ng	99
32) Benzoic acid	9.89	122	219501	43.280	ng	88
33) 4-Chloroaniline	10.74	127	507289	43.215	ng	96
34) Hexachlorobutadiene	10.88	225	346288	43.490	ng	98
35) Caprolactam	11.55	113	127413m	46.581	ng	
36) 4-Chloro-3-methylphenol	11.86	107	455469	42.369	ng	97
37) 2-Methylnaphthalene	12.23	142	912690	43.896	ng	97
38) 1-Methylnaphthalene	12.45	142	891712	43.858	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	569986	45.493	ng	98

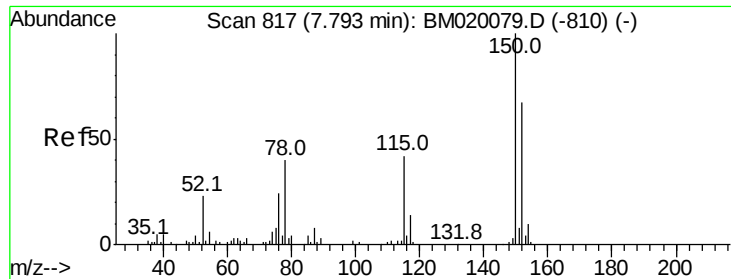
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	80966	10.975	ng	98
43) 2,4,6-Trichlorophenol	12.85	196	343976	48.307	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	364270	45.793	ng	98
46) 1,1'-Biphenyl	13.25	154	1198005	45.450	ng	99
47) 2-Chloronaphthalene	13.30	162	949644	45.123	ng	98
48) 2-Nitroaniline	13.51	65	326252	43.544	ng	92
49) Acenaphthylene	14.15	152	1478279	43.891	ng	99
50) Dimethylphthalate	13.88	163	1163968	42.765	ng	99
51) 2,6-Dinitrotoluene	14.01	165	253266	44.179	ng	87
52) Acenaphthene	14.49	154	852912	44.159	ng	97
53) 3-Nitroaniline	14.34	138	237903	44.713	ng	99
54) 2,4-Dinitrophenol	14.55	184	53136	25.017	ng	92
55) Dibenzofuran	14.82	168	1397599	42.899	ng	96
56) 4-Nitrophenol	14.65	139	186144	41.005	ng	88
57) 2,4-Dinitrotoluene	14.80	165	344021	44.164	ng	92
58) Fluorene	15.47	166	1128398	42.173	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	329569	43.598	ng	96
60) Diethylphthalate	15.24	149	1133739	41.345	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	642088	42.353	ng	96
62) 4-Nitroaniline	15.51	138	252400	42.985	ng	92
63) Azobenzene	15.76	77	1243065	38.426	ng	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	99404	30.922	ng	96
66) n-Nitrosodiphenylamine	15.68	169	963596	46.420	ng	97
67) 4-Bromophenyl-phenylether	16.36	248	392577	45.381	ng	97
68) Hexachlorobenzene	16.46	284	449225	45.127	ng	98
69) Atrazine	16.63	200	345492	42.589	ng	99
70) Pentachlorophenol	16.82	266	272071	47.768	ng	94
71) Phenanthrene	17.21	178	1732357	44.486	ng	100
72) Anthracene	17.30	178	1735334	44.571	ng	99
73) Carbazole	17.58	167	1540834	43.860	ng	99
74) Di-n-butylphthalate	18.13	149	1856044	43.901	ng	98
75) Fluoranthene	19.23	202	2123382	43.096	ng	99
77) Benzidine	19.43	184	1014576	42.450	ng	99
78) Pyrene	19.59	202	2208123	43.994	ng	99
80) Butylbenzylphthalate	20.49	149	862113	47.233	ng	96
81) Benzo(a)anthracene	21.34	228	2319617	44.244	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	915121	45.733	ng	98
83) Chrysene	21.39	228	2255393	44.357	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1232257	43.508	ng	99
85) Di-n-octyl phthalate	22.14	149	2164272	45.976	ng	97
86) Indeno(1,2,3-cd)pyrene	25.98	276	3038881	50.246	ng	# 100
88) Benzo(b)fluoranthene	22.95	252	2479029	41.400	ng	99
89) Benzo(k)fluoranthene	23.00	252	2336157	42.770	ng	99
90) Benzo(a)pyrene	23.54	252	2365782	43.496	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	2548936	45.063	ng	99
92) Benzo(g,h,i)perylene	26.70	276	2447365	45.573	ng	99

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

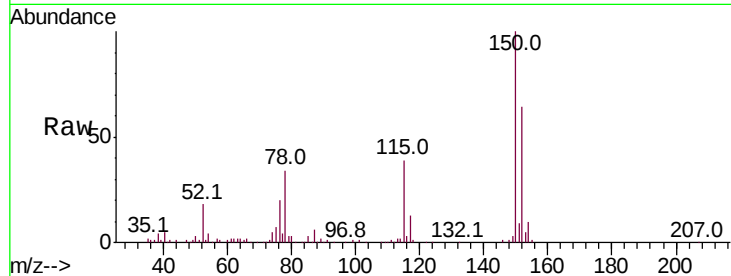


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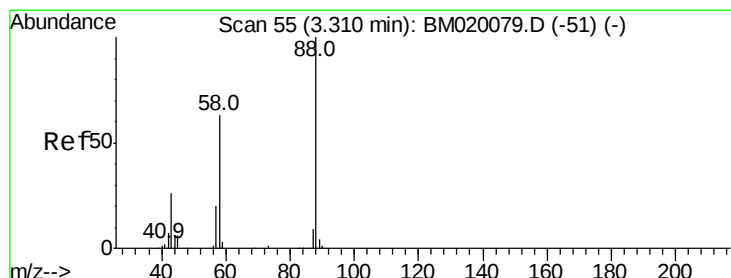
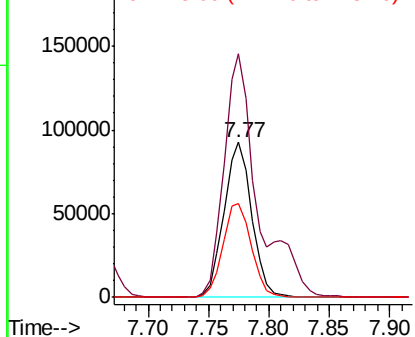
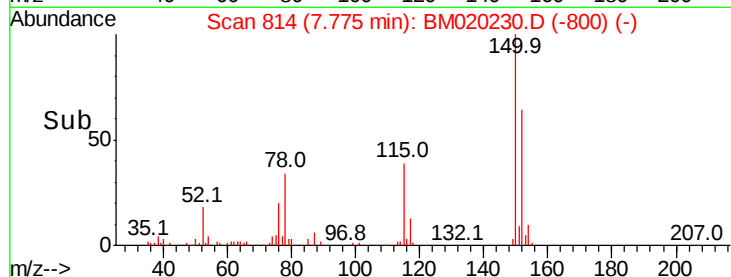
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 147720
Ion Ratio Lower Upper
152 100
150 157.1 119.8 179.8
115 60.6 50.8 76.2



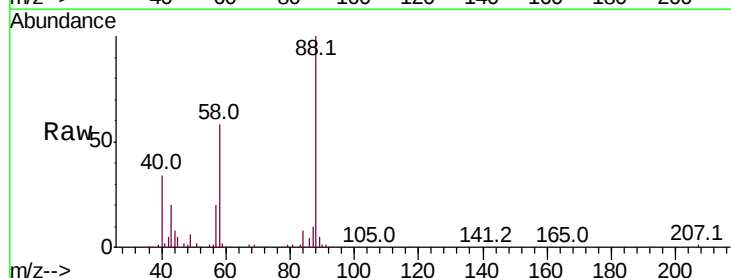
Abundance Ion 152.00 (151.70 to 152.70): E
200000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



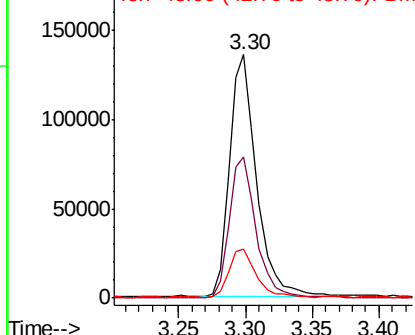
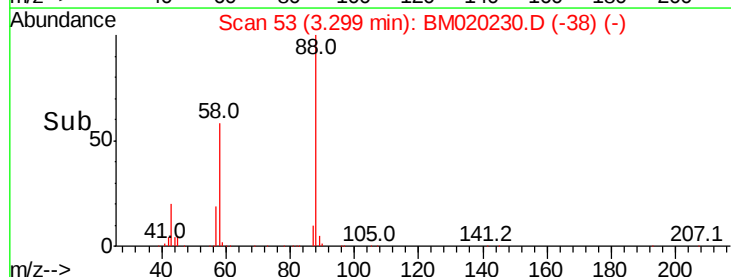
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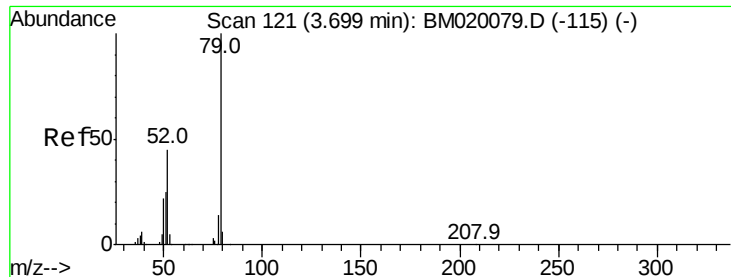
1,4-Dioxane
Concen: 43.337 ng
RT: 3.30 min Scan# 53
Delta R.T. -0.01 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Tgt Ion: 88 Resp: 192079
Ion Ratio Lower Upper
88 100
58 58.4 51.8 77.6
43 19.7 20.3 30.5#



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: 47.197 ng

RT: 3.69 min Scan# 120

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

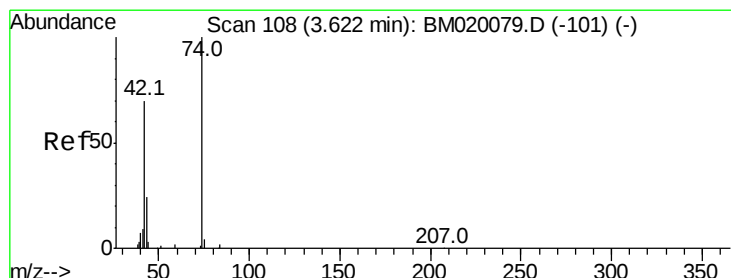
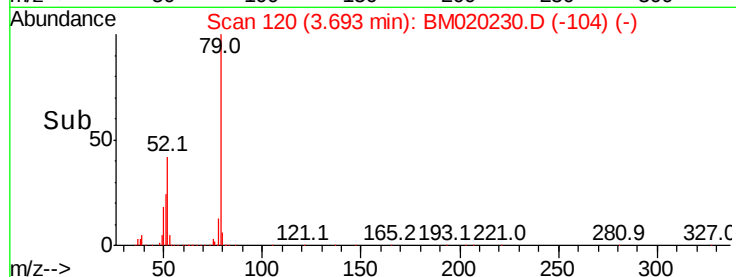
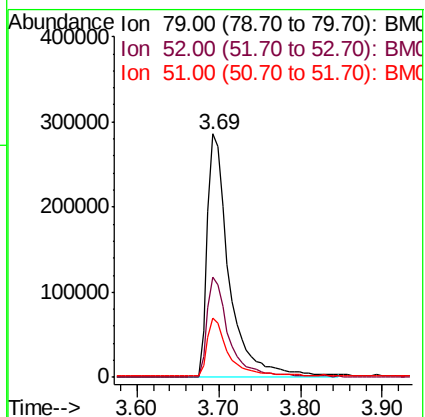
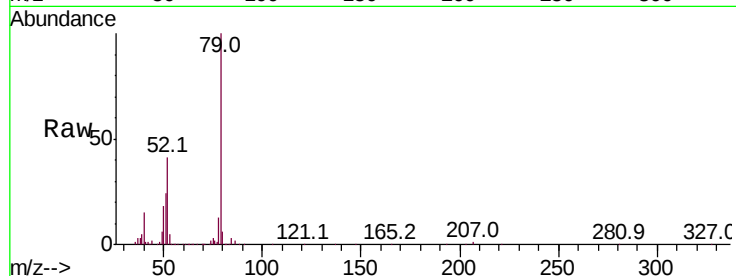
Tot Ion: 79 Resp: 535002

Ion Ratio Lower Upper

79 100

52 41.4 35.7 53.5

51 24.1 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 40.812 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

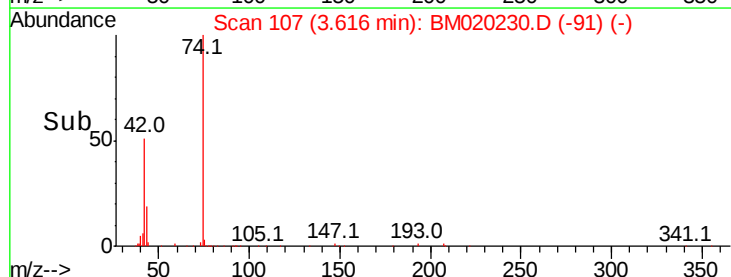
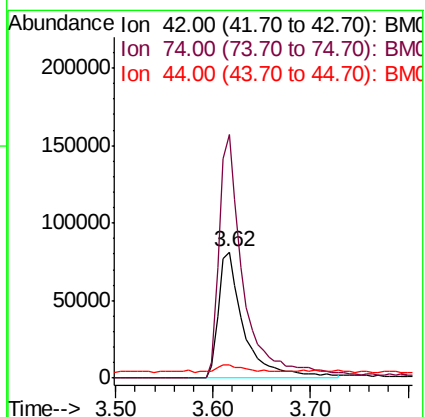
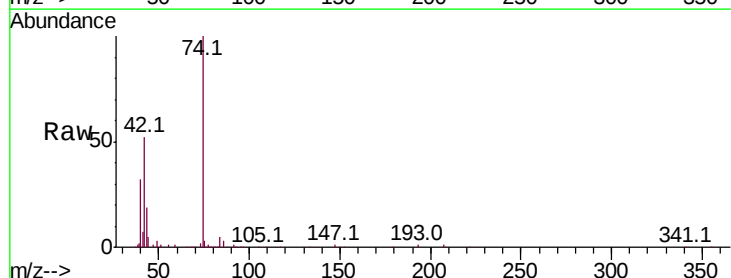
Tgt Ion: 42 Resp: 148352

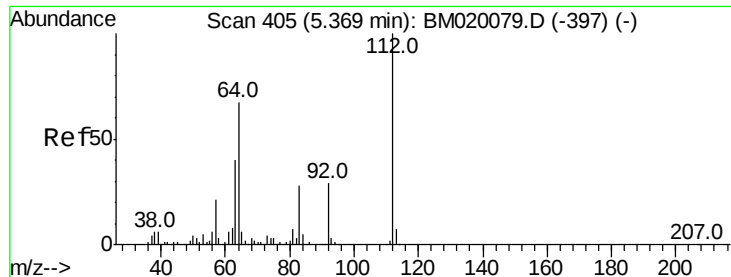
Ion Ratio Lower Upper

42 100

74 193.3 113.7 170.5#

44 10.0 3.9 5.9#





#5

2-Fluorophenol

Concen: 91.060 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

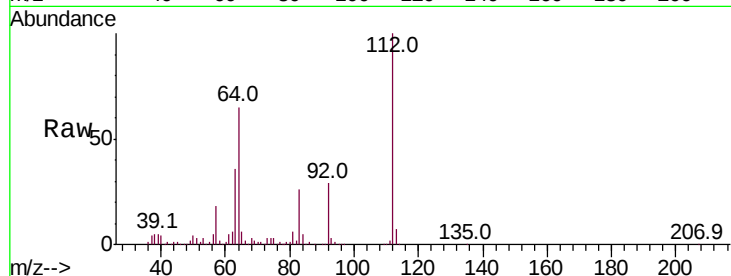
Tot Ion:112 Resp: 822918

Ion Ratio Lower Upper

112 100

64 64.7 53.8 80.6

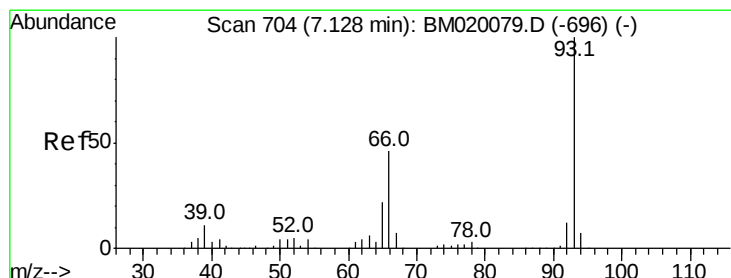
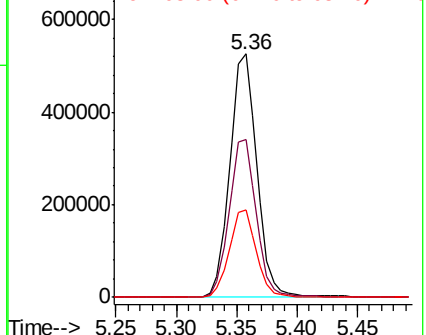
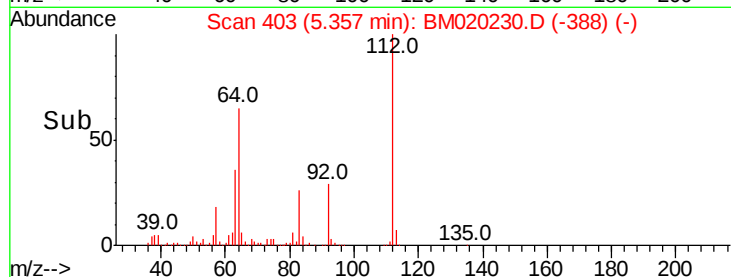
63 35.8 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 44.205 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

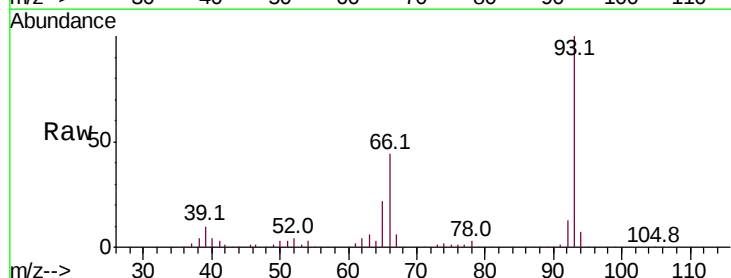
Tgt Ion: 93 Resp: 687004

Ion Ratio Lower Upper

93 100

66 43.9 36.6 54.8

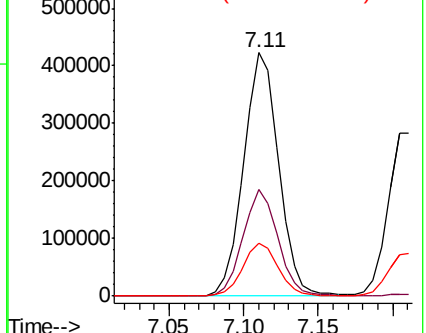
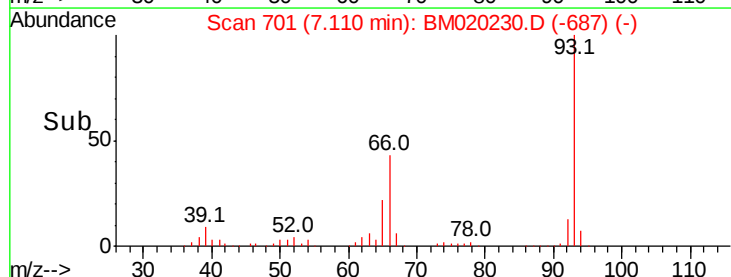
65 21.9 17.8 26.6

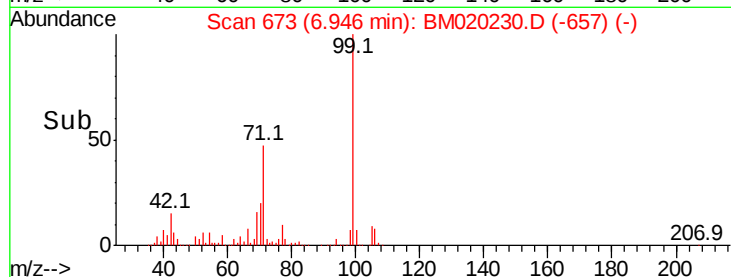
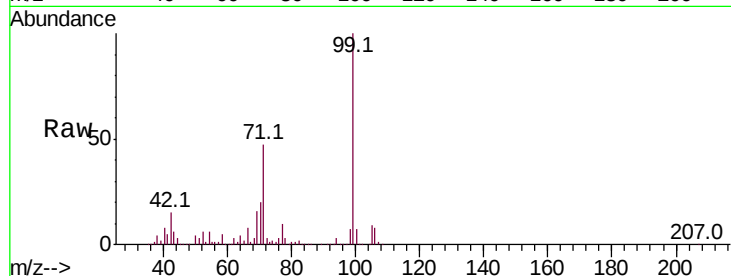
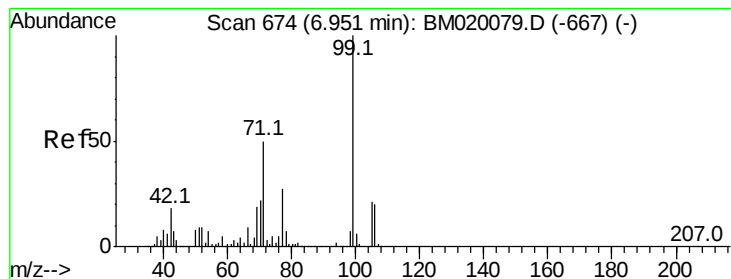


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 87.967 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

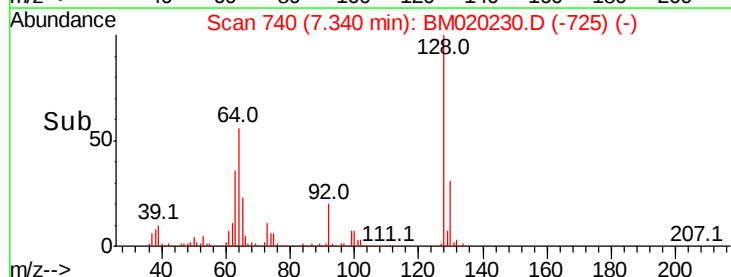
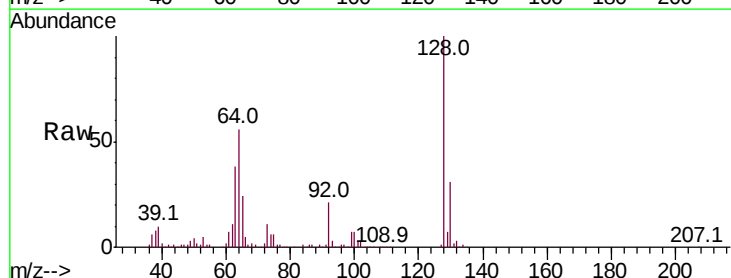
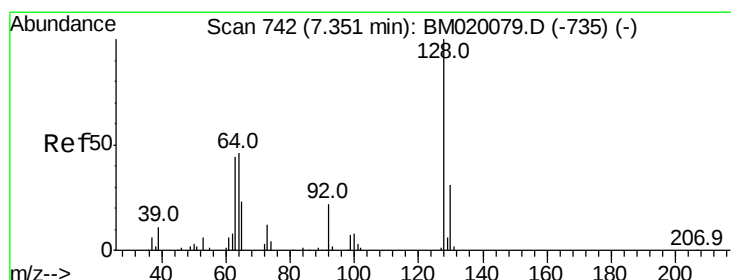
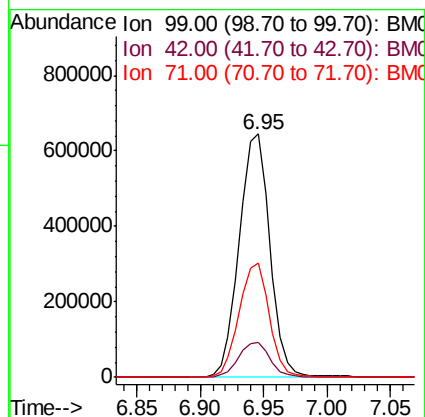
Tot Ion: 99 Resp: 1086034

Ion Ratio Lower Upper

99 100

42 14.6 14.2 21.2

71 46.7 40.3 60.5



#8

2-Chlorophenol

Concen: 44.906 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

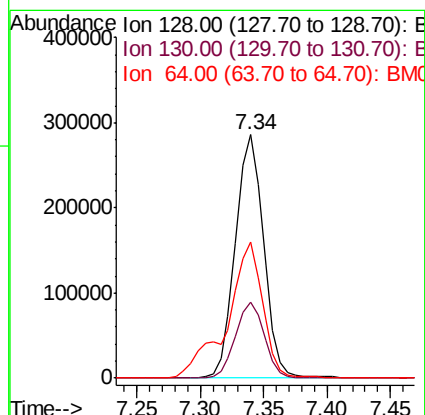
Tgt Ion: 128 Resp: 441878

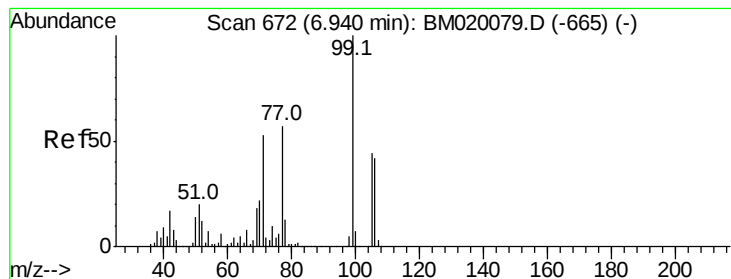
Ion Ratio Lower Upper

128 100

130 31.0 10.8 50.8

64 56.1 36.5 76.5





#9

Benzaldehyde

Concen: 39.992 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

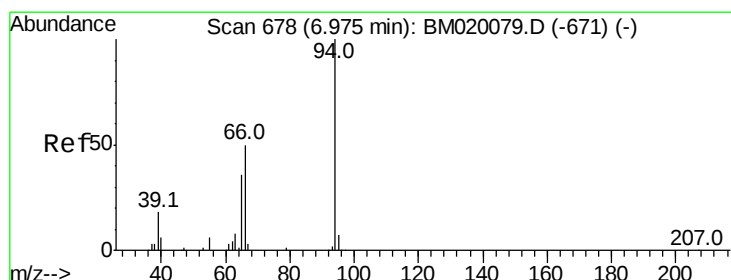
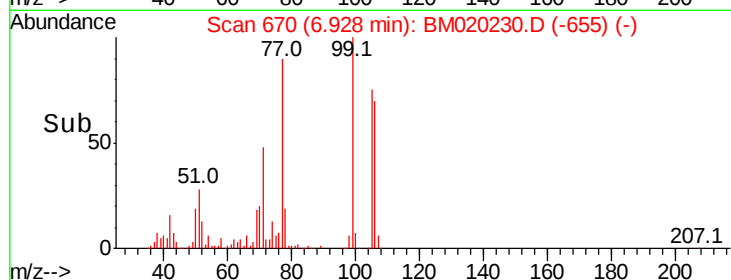
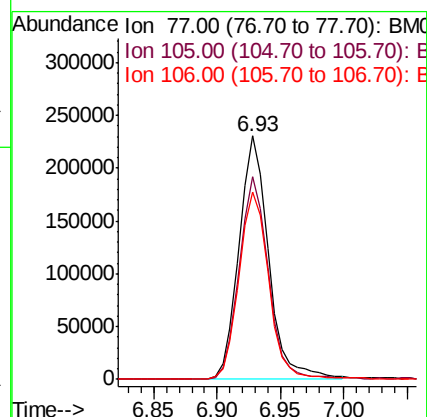
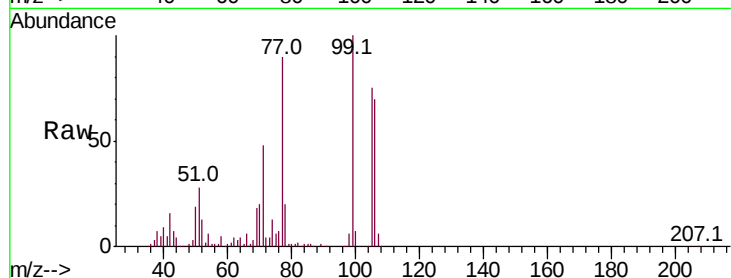
Tot Ion: 77 Resp: 373700

Ion Ratio Lower Upper

77 100

105 83.3 57.8 97.8

106 77.2 53.6 93.6



#10

Phenol

Concen: 44.183 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

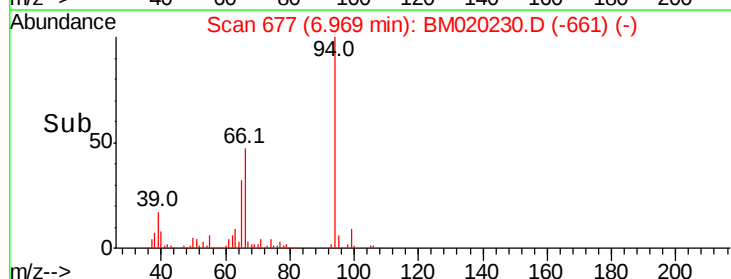
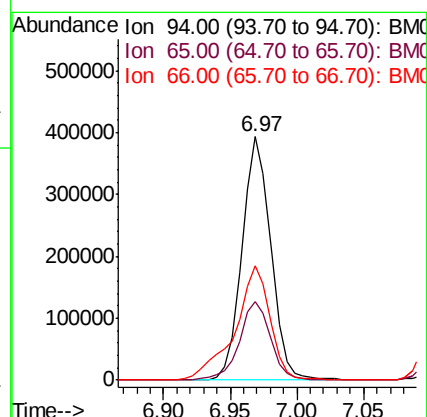
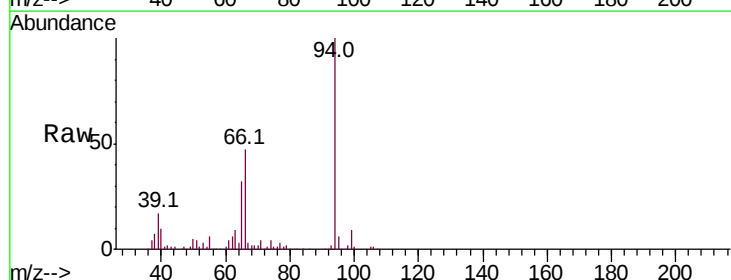
Tgt Ion: 94 Resp: 587232

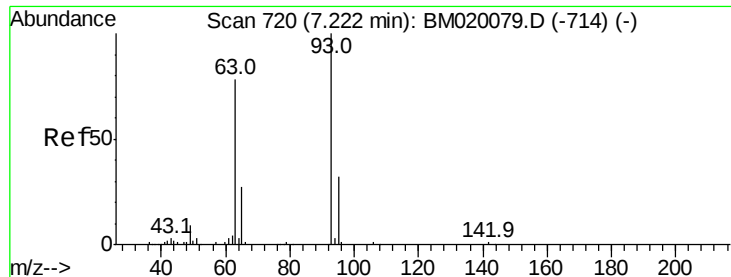
Ion Ratio Lower Upper

94 100

65 32.5 17.0 57.0

66 46.9 34.5 74.5

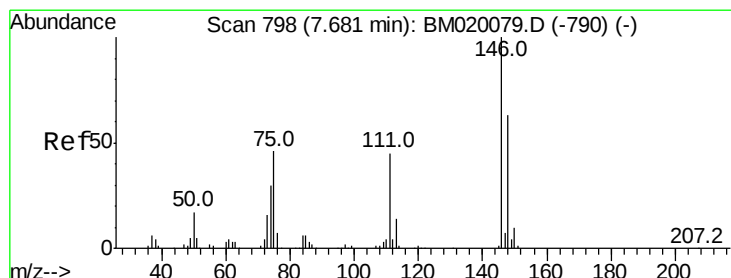
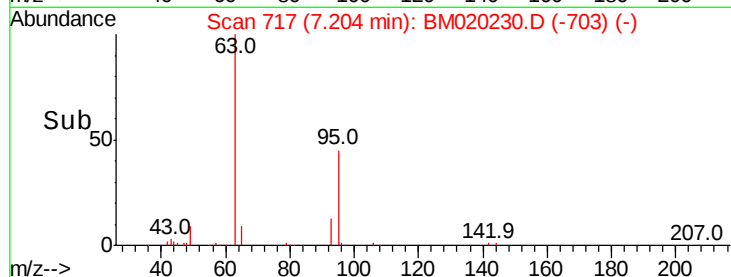
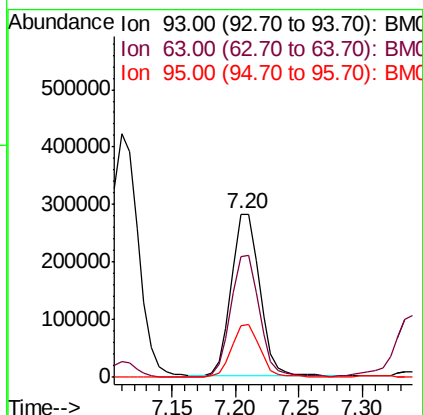
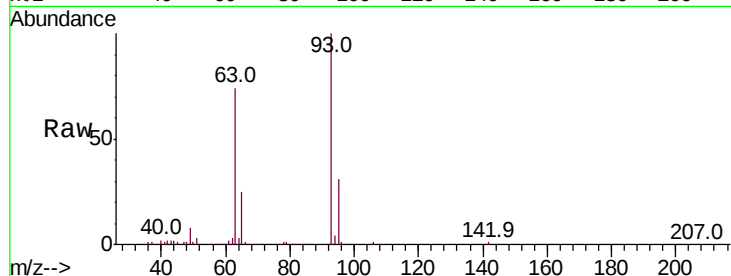




#11
bis(2-Chloroethyl)ether
Concen: 44.945 ng
RT: 7.20 min Scan# 717
Delta R.T. -0.02 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

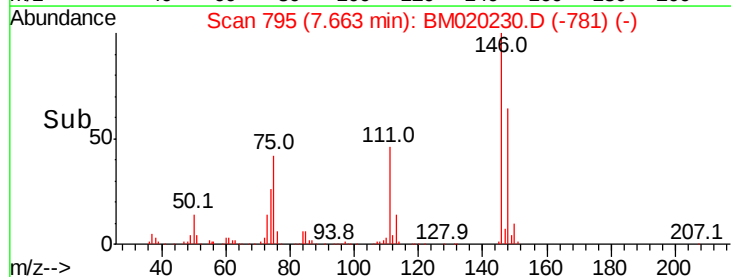
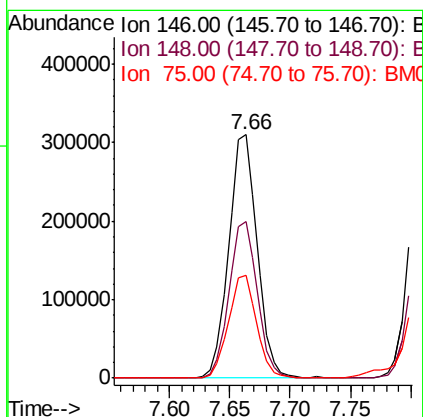
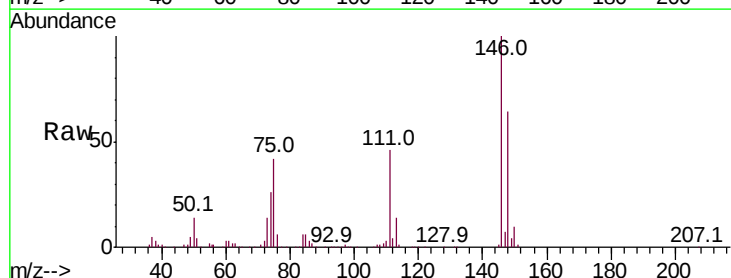
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

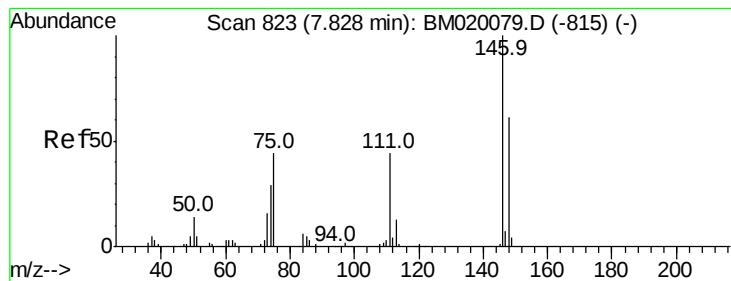
Tot Ion: 93 Resp: 434172
Ion Ratio Lower Upper
93 100
63 74.1 57.9 97.9
95 31.4 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 44.521 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Tgt Ion: 146 Resp: 509713
Ion Ratio Lower Upper
146 100
148 64.4 50.1 75.1
75 42.0 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 44.033 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

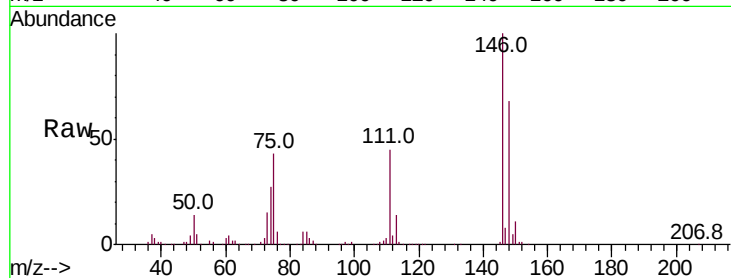
Tot Ion:146 Resp: 509262

Ion Ratio Lower Upper

146 100

148 67.6 48.5 72.7

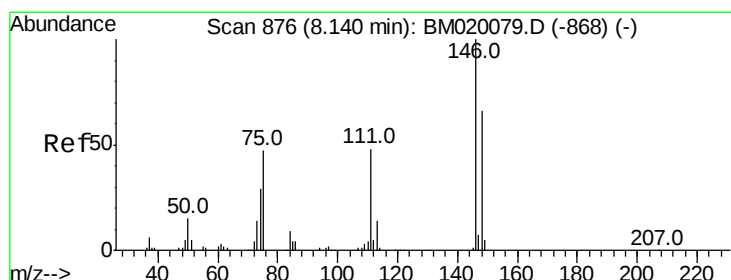
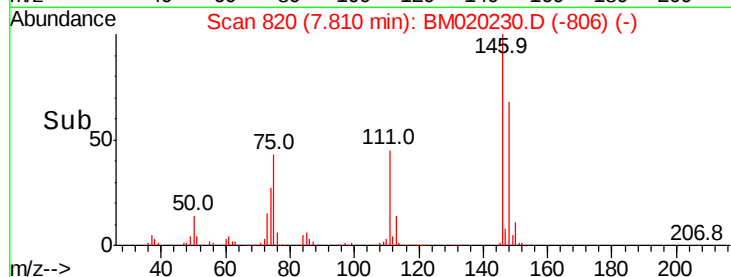
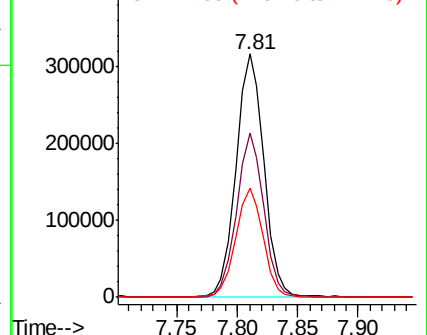
111 44.9 35.7 53.5



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: 43.686 ng

RT: 8.12 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

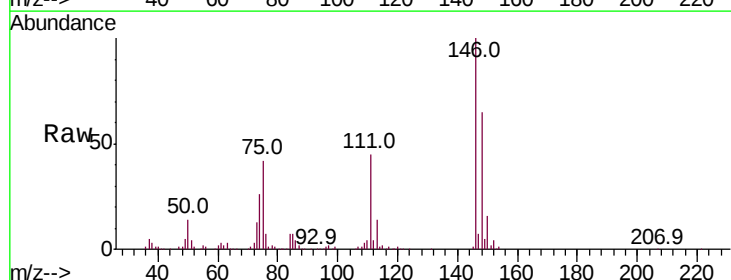
Tgt Ion:146 Resp: 481363

Ion Ratio Lower Upper

146 100

148 64.9 52.6 79.0

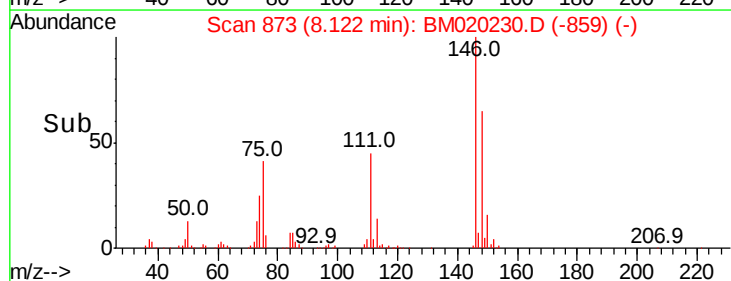
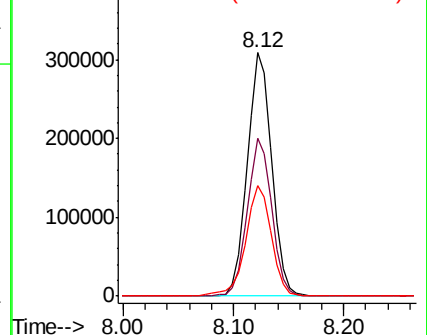
111 45.4 39.0 58.4

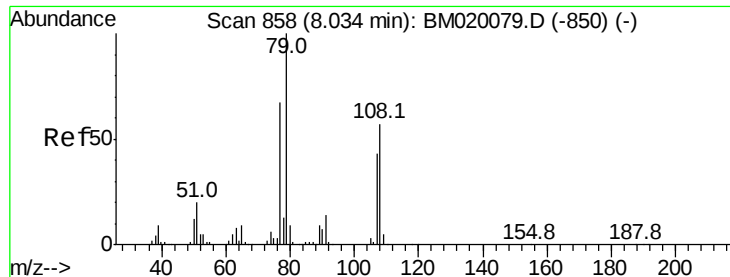


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.995 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

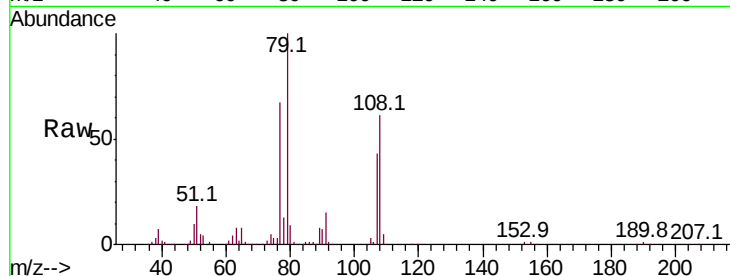
Tot Ion: 79 Resp: 476138

Ion Ratio Lower Upper

79 100

108 60.8 46.0 69.0

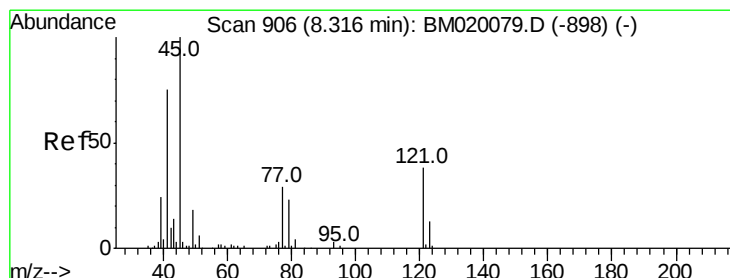
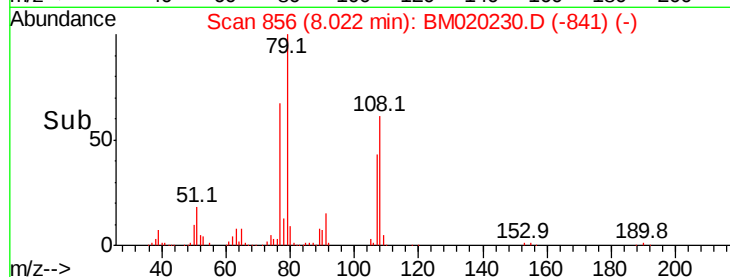
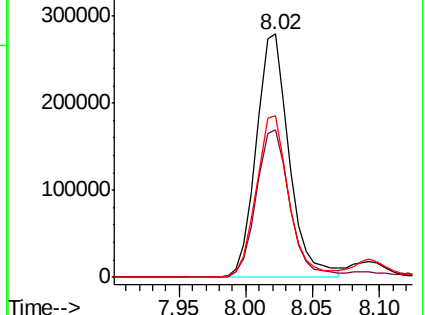
77 66.6 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-850) (-)

Ion 108.00 (107.70 to 108.70): BM020079.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-850) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.773 ng

RT: 8.30 min Scan# 903

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

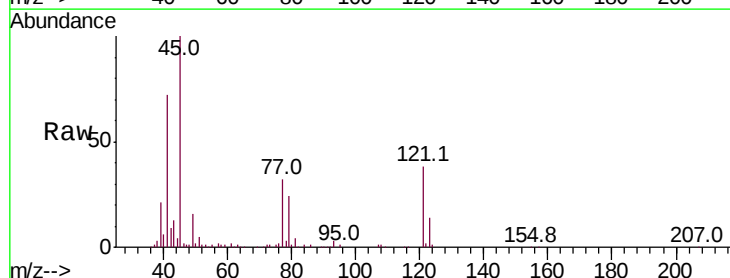
Tgt Ion: 45 Resp: 334608

Ion Ratio Lower Upper

45 100

77 32.1 10.5 50.5

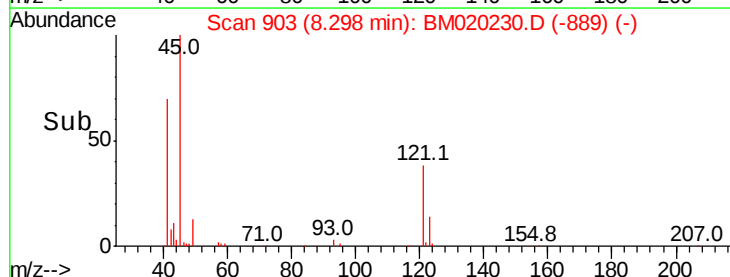
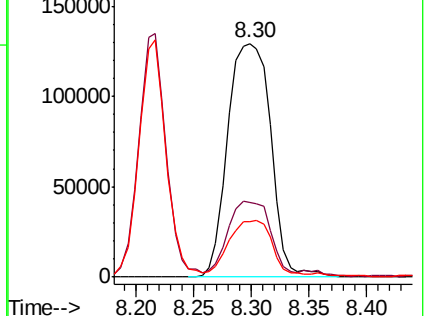
79 23.6 3.3 43.3

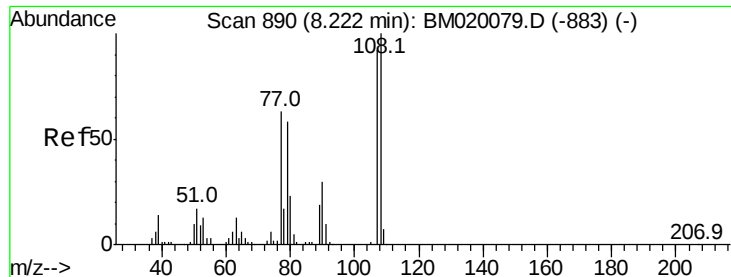


Abundance Ion 45.00 (44.70 to 45.70): BM020079.D (-898) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020079.D (-898) (-)

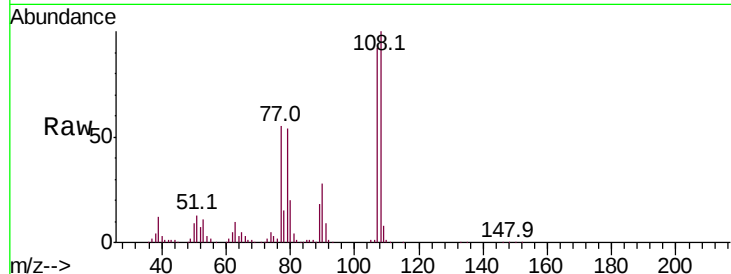




#17
2-Methylphenol
Concen: 43.165 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	369310
Ion	Ratio	Lower	Upper
107	100		
108	108.9	87.0	130.4
77	59.9	54.7	82.1
79	58.4	50.1	75.1



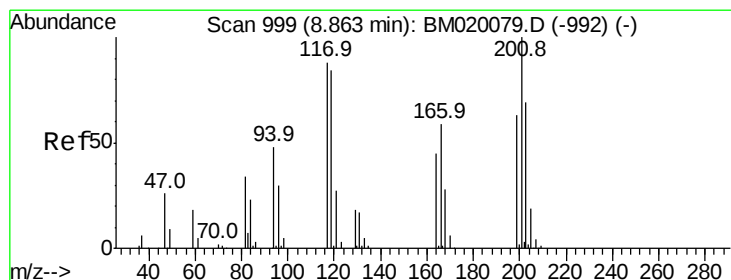
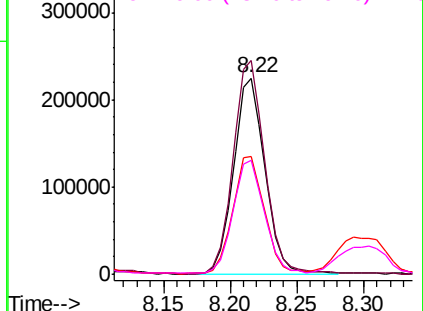
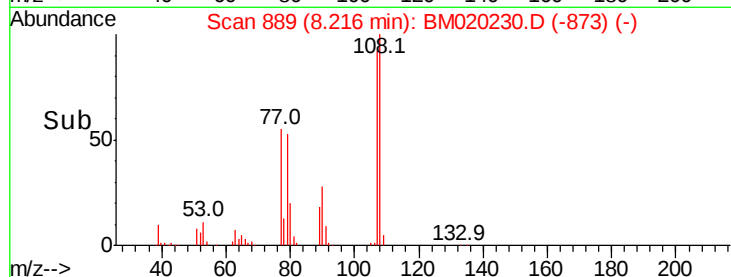
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

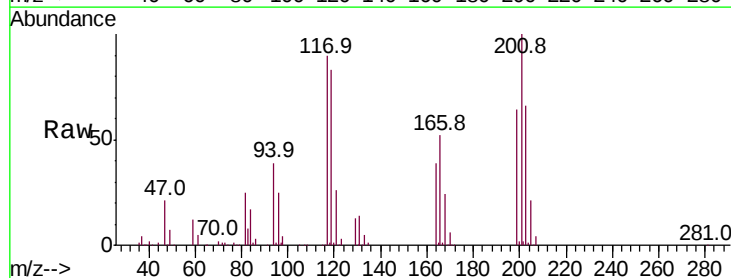
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 39.513 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Tgt Ion:	117	Resp:	190547
Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.6	114.8
201	113.2	90.7	136.1

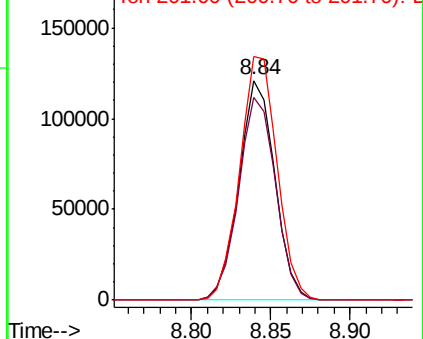
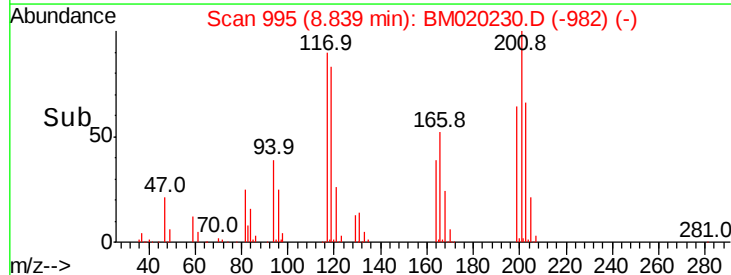


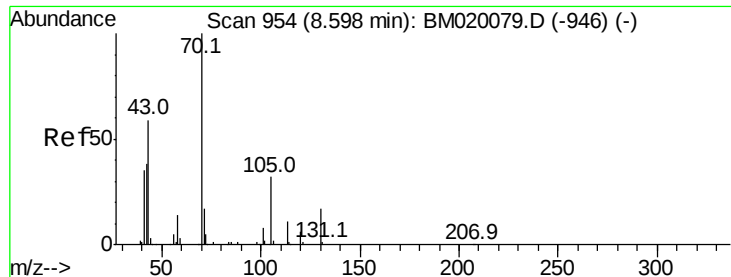
Abundance

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: 39.790 ng

RT: 8.58 min Scan# 951

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 420291

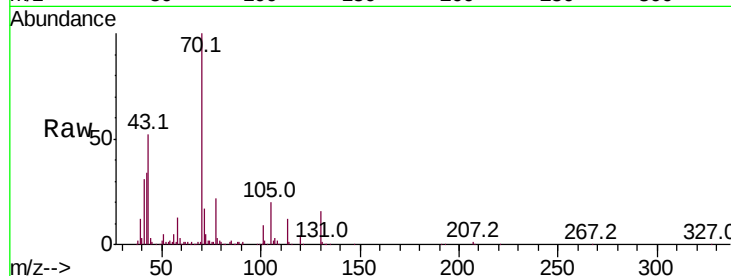
Ion Ratio Lower Upper

70 100

42 34.1 31.0 46.4

101 8.5 6.2 9.2

130 16.3 13.5 20.3

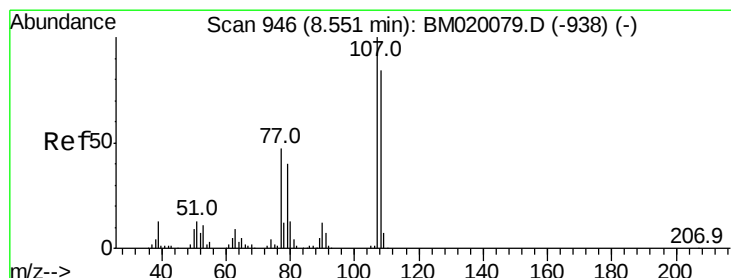
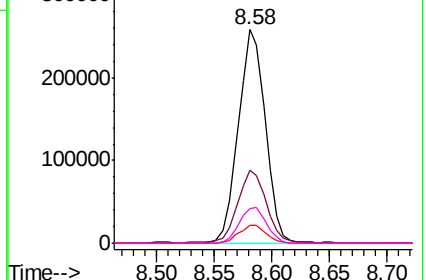
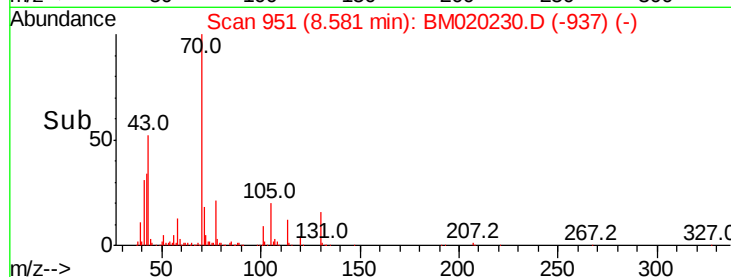


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.899 ng

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Tgt Ion:107 Resp: 487810

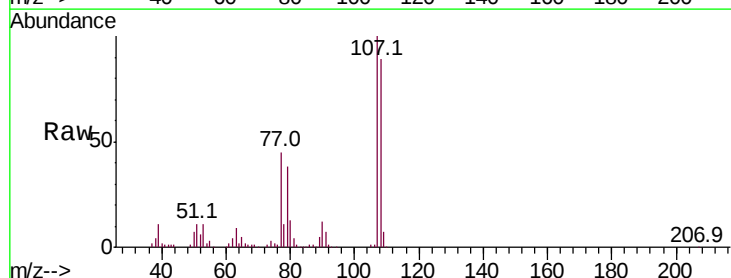
Ion Ratio Lower Upper

107 100

108 89.1 64.4 104.4

77 44.8 27.2 67.2

79 37.8 19.6 59.6

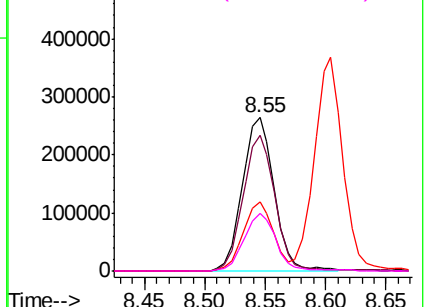
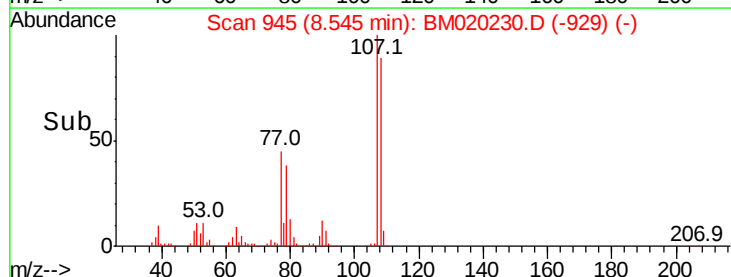


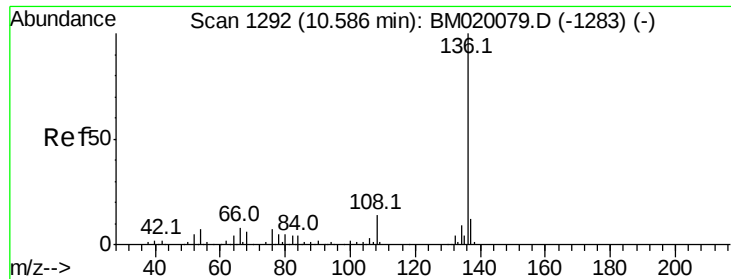
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

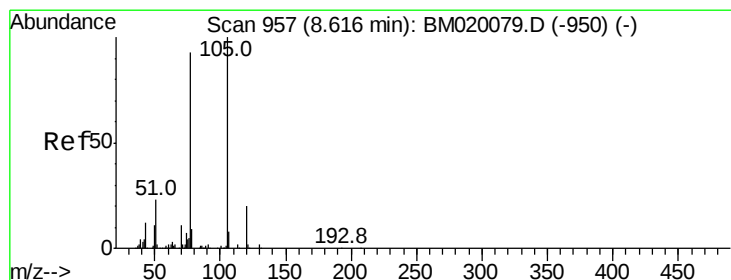
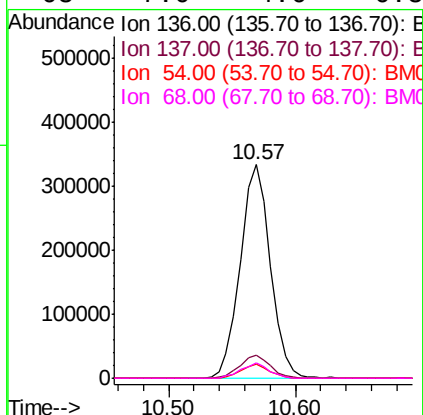
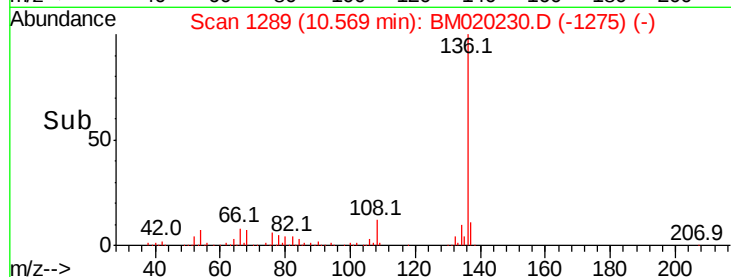
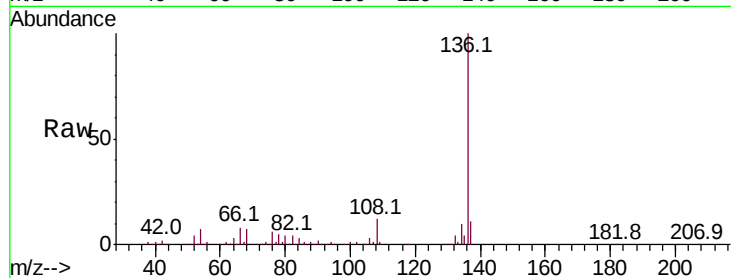




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

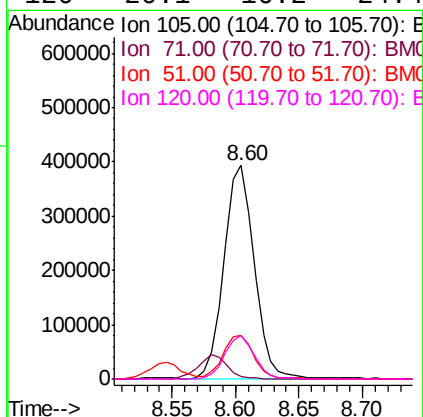
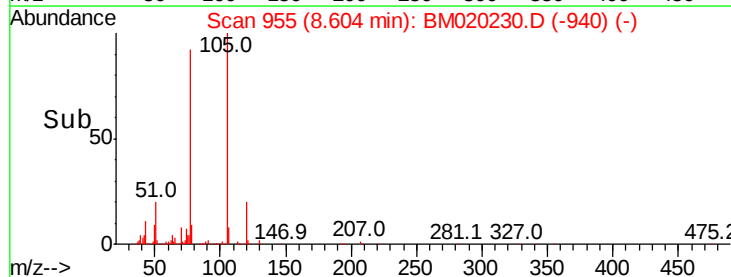
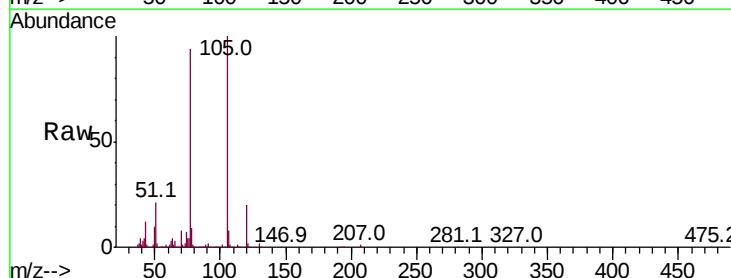
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

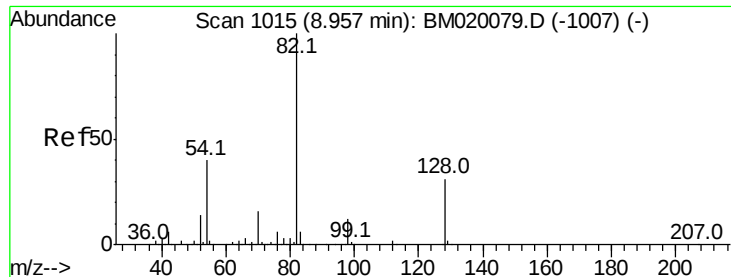
Tot Ion:136	Resp:	549591
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.6 14.4
54	6.5	5.5 8.3
68	7.0	4.6 6.8#



#22
Acetophenone
Concen: 43.199 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Tgt Ion:105	Resp:	648859
Ion Ratio	Lower	Upper
105	100	
71	1.2	2.2 3.2#
51	20.6	19.3 28.9
120	20.1	16.2 24.4





#23

Nitrobenzene-d5

Concen: 87.379 ng

RT: 8.95 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

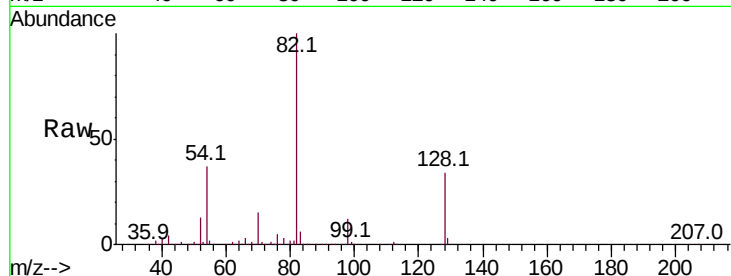
Tot Ion: 82 Resp: 1216378

Ion Ratio Lower Upper

82 100

128 33.7 25.2 37.8

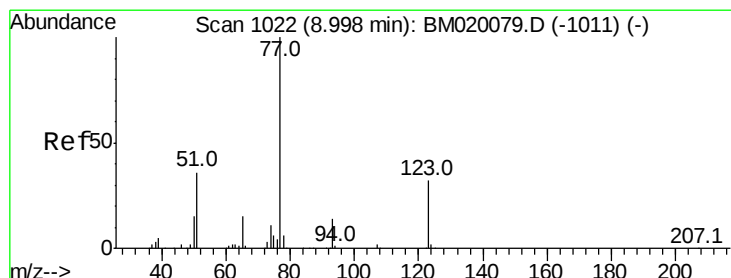
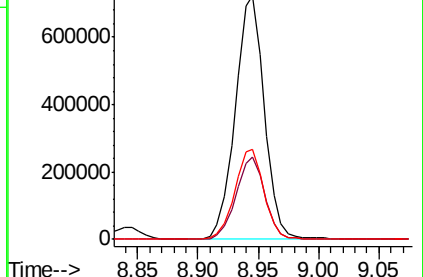
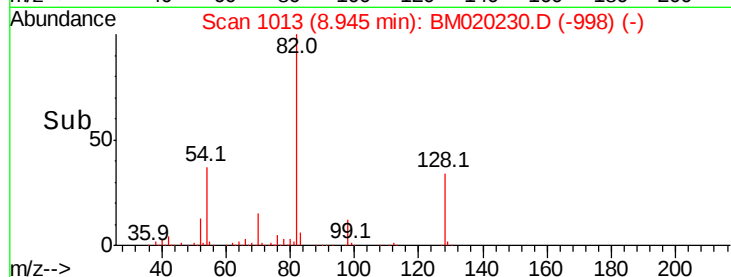
54 36.7 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020230.D (-998) (-)

Ion 128.00 (127.70 to 128.70): BM020230.D (-998) (-)

Ion 54.00 (53.70 to 54.70): BM020230.D (-998) (-)



#24

Nitrobenzene

Concen: 42.709 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

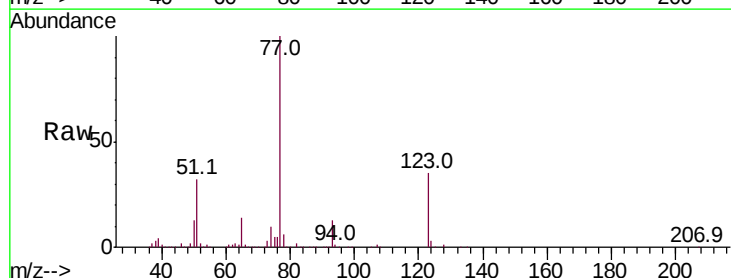
Tgt Ion: 77 Resp: 616444

Ion Ratio Lower Upper

77 100

123 34.9 25.5 38.3

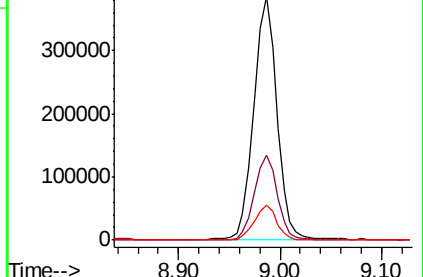
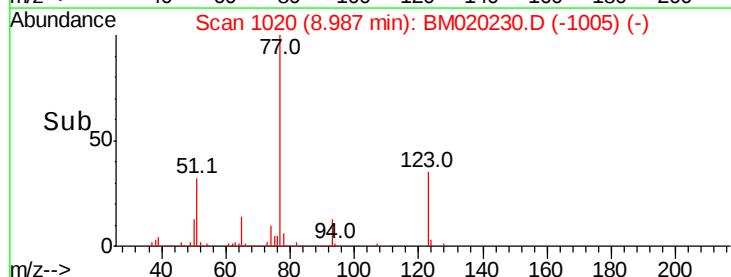
65 14.3 11.8 17.6

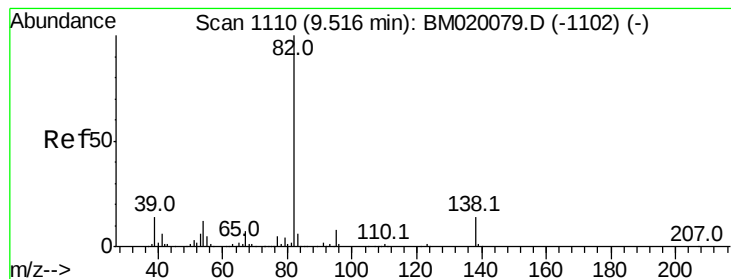


Abundance Ion 77.00 (76.70 to 77.70): BM020230.D (-1005) (-)

Ion 123.00 (122.70 to 123.70): BM020230.D (-1005) (-)

Ion 65.00 (64.70 to 65.70): BM020230.D (-1005) (-)





#25

Isophorone

Concen: 43.651 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

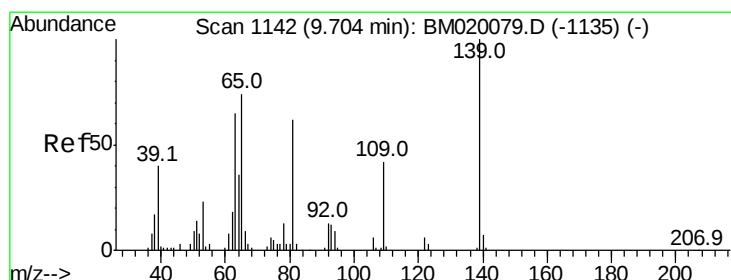
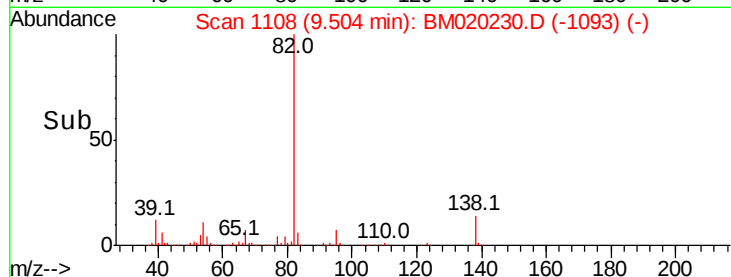
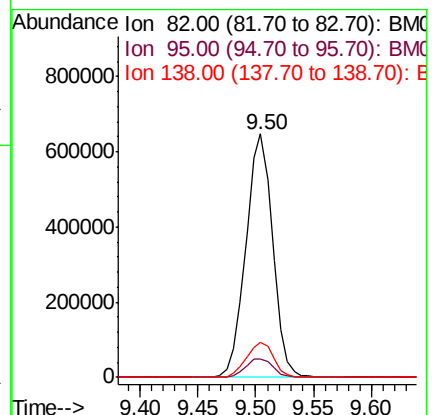
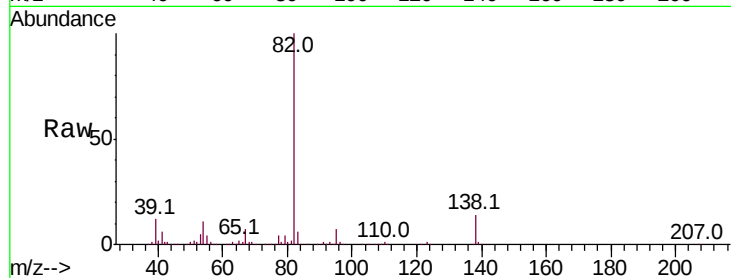
Tot Ion: 82 Resp: 1047884

Ion Ratio Lower Upper

82 100

95 7.5 6.4 9.6

138 14.3 11.1 16.7



#26

2-Nitrophenol

Concen: 54.291 ng

RT: 9.69 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

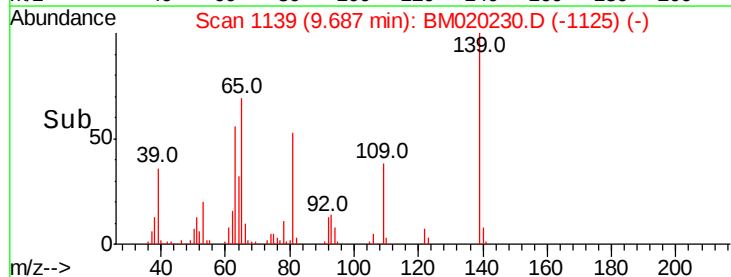
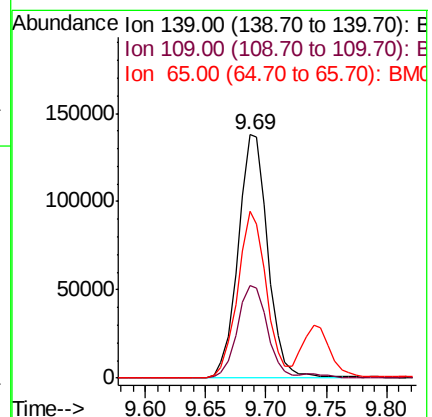
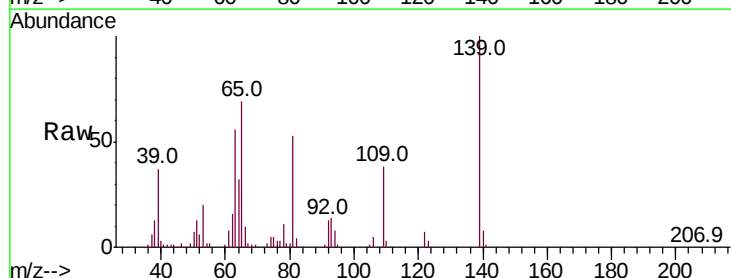
Tgt Ion: 139 Resp: 236571

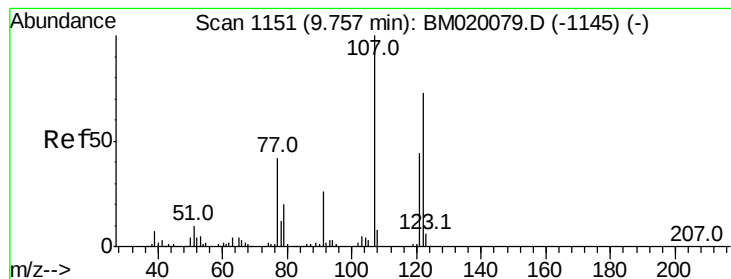
Ion Ratio Lower Upper

139 100

109 38.1 33.7 50.5

65 68.5 59.5 89.3





#27

2,4-Dimethylphenol

Concen: 43.855 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

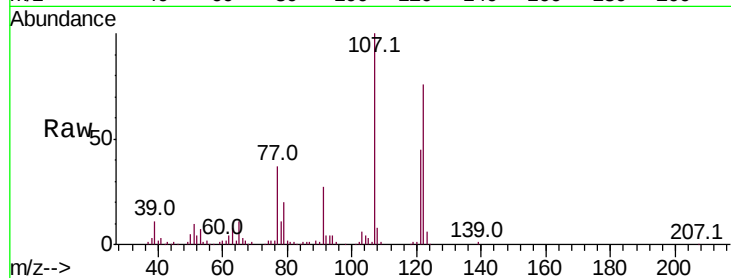
Tot Ion:122 Resp: 318148

Ion Ratio Lower Upper

122 100

107 130.9 108.6 162.8

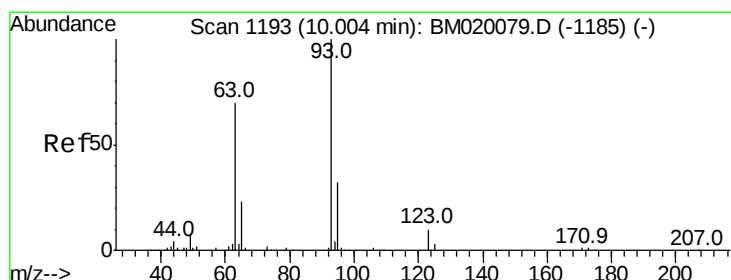
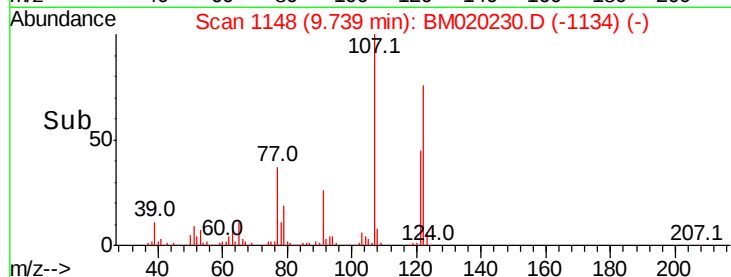
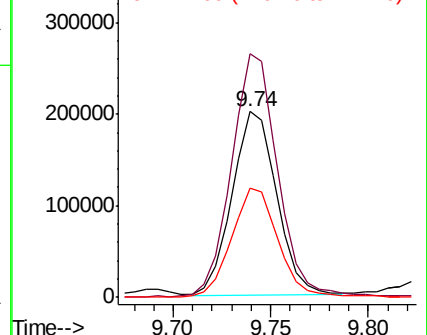
121 58.4 47.4 71.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.747 ng

RT: 9.99 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

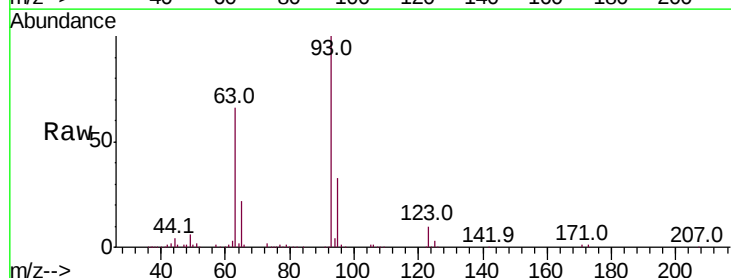
Tgt Ion: 93 Resp: 585047

Ion Ratio Lower Upper

93 100

95 33.1 25.5 38.3

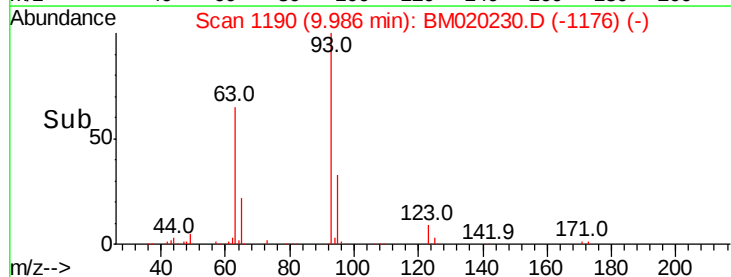
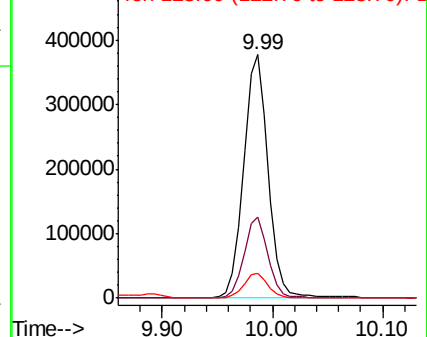
123 9.9 7.6 11.4

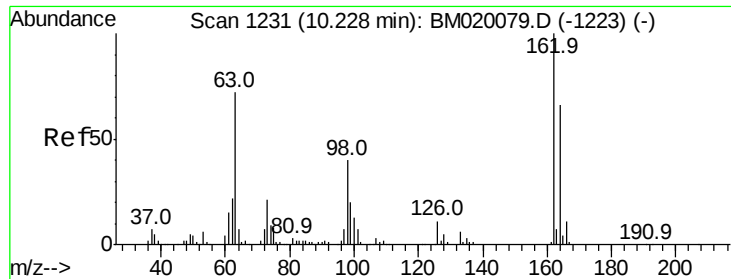


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.816 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

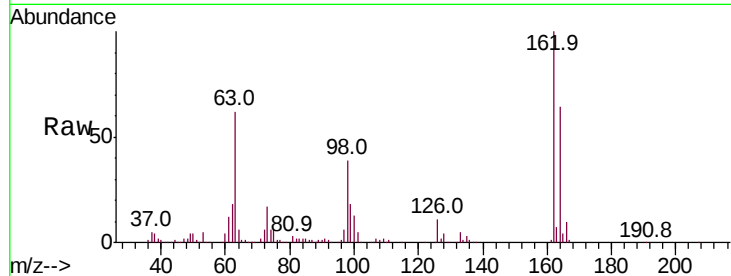
Tot Ion:162 Resp: 419109

Ion Ratio Lower Upper

162 100

164 64.5 45.6 85.6

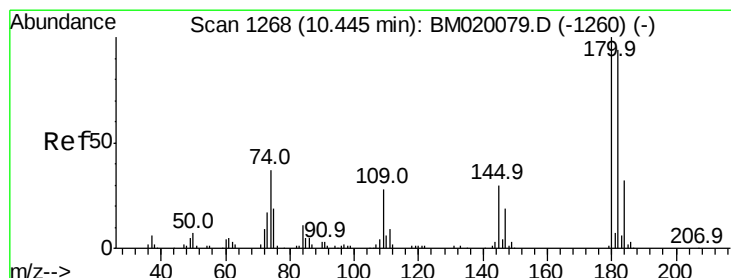
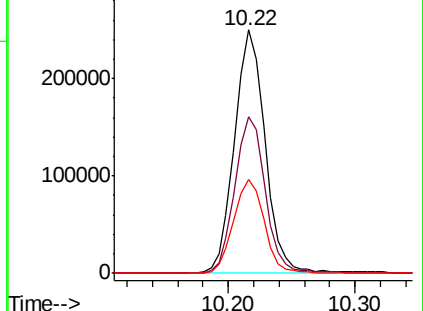
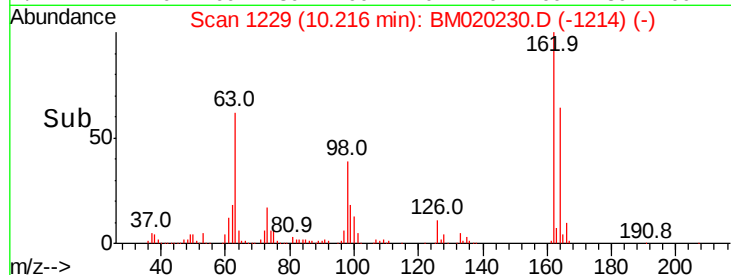
98 38.7 20.4 60.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 45.631 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

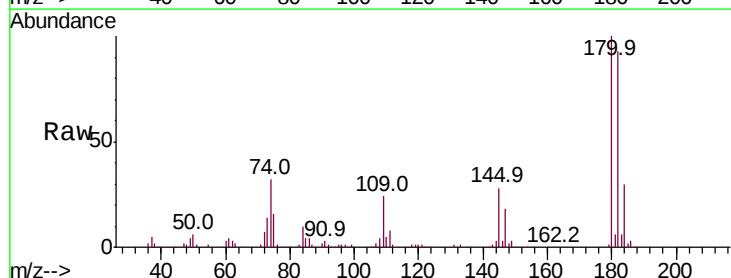
Tgt Ion:180 Resp: 513615

Ion Ratio Lower Upper

180 100

182 93.2 75.4 113.0

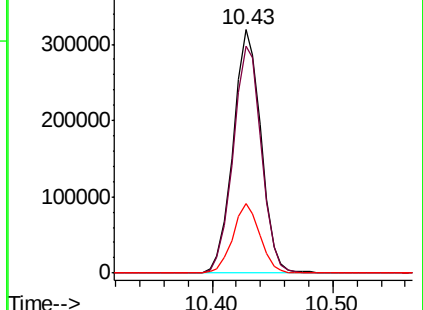
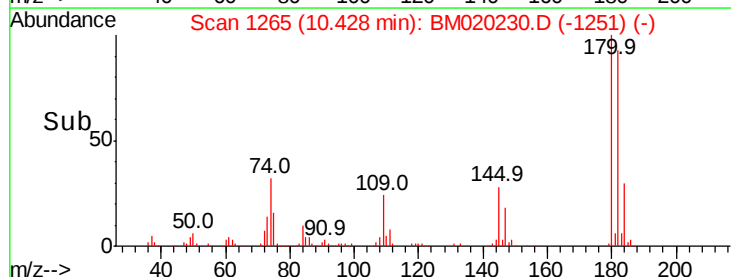
145 28.3 23.8 35.8

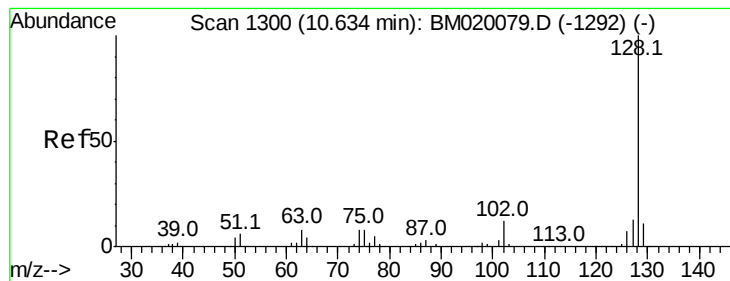


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.240 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

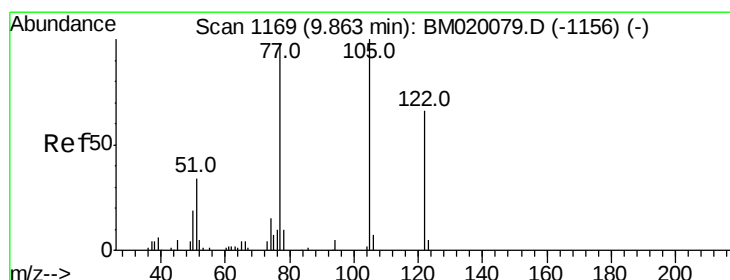
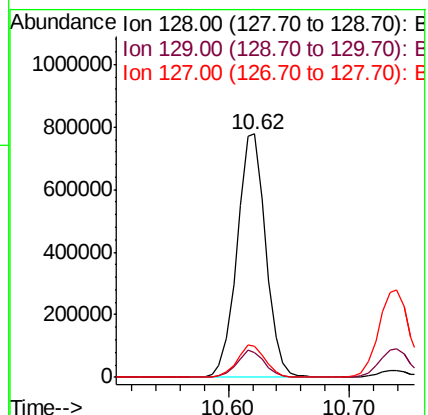
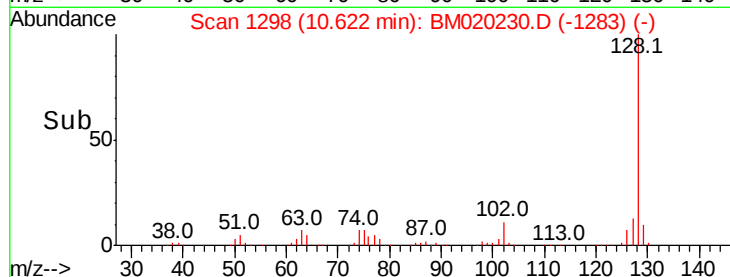
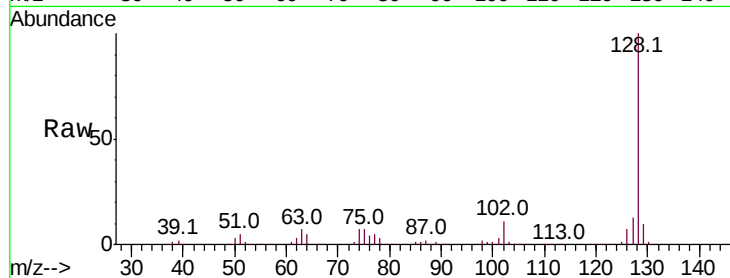
Tot Ion:128 Resp: 1290274

Ion Ratio Lower Upper

128 100

129 10.1 9.0 13.4

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 43.280 ng

RT: 9.89 min Scan# 1173

Delta R.T. 0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

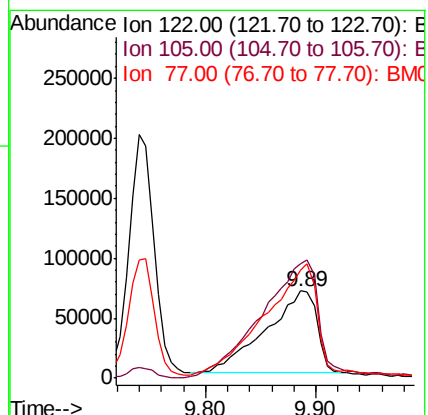
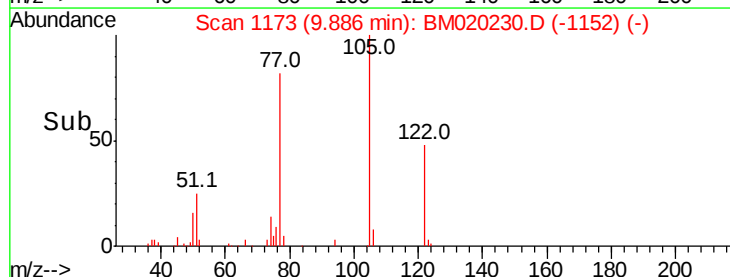
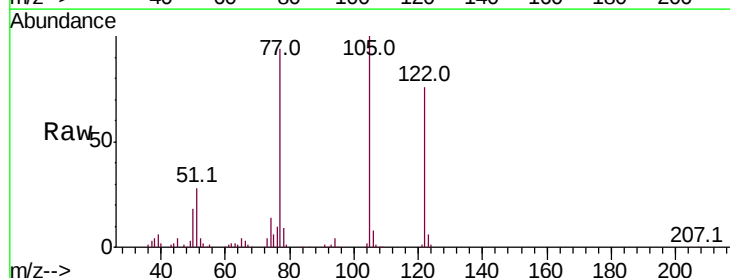
Tgt Ion:122 Resp: 219501

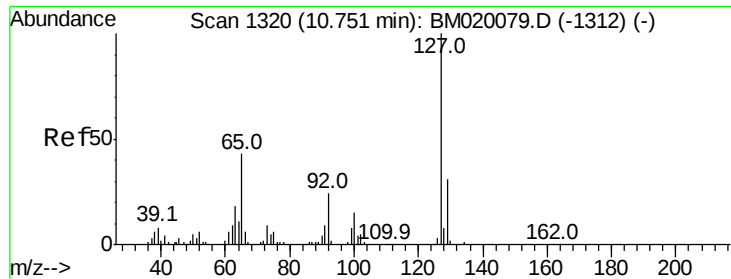
Ion Ratio Lower Upper

122 100

105 131.3 122.5 162.5

77 123.7 123.3 163.3

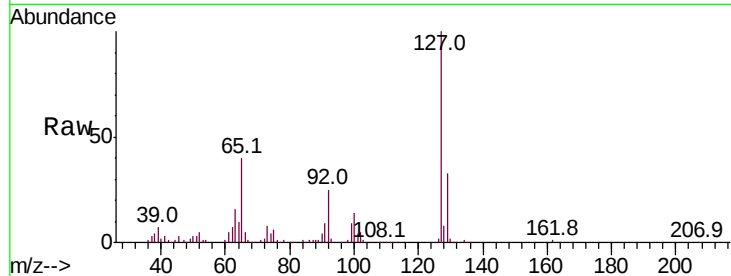




#33
4-Chloroaniline
Concen: 43.215 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	507289
Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.7	37.1
65	39.8	34.6	52.0
92	24.7	19.5	29.3



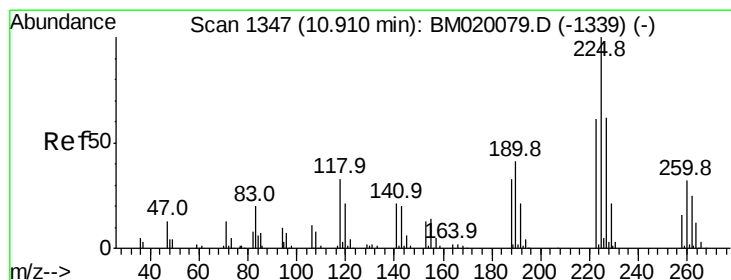
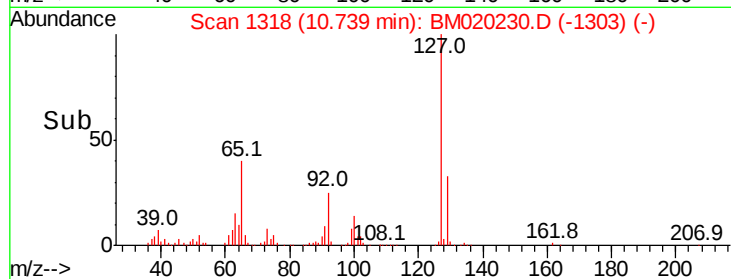
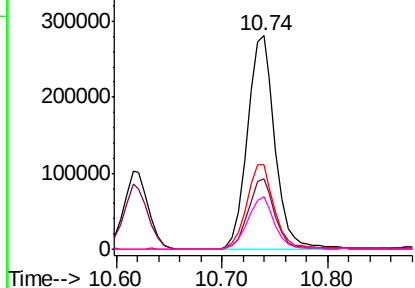
Abundance

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

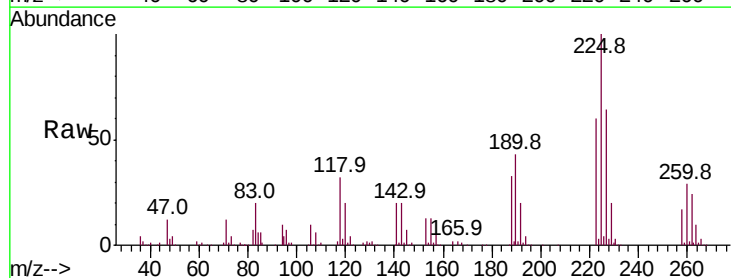
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 43.490 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Tgt Ion:	225	Resp:	346288
Ion	Ratio	Lower	Upper
225	100		
223	59.7	48.9	73.3
227	63.8	49.6	74.4

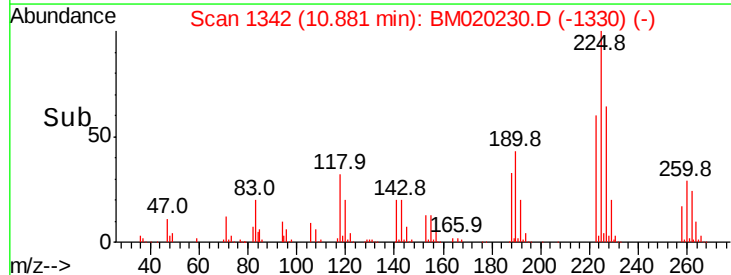
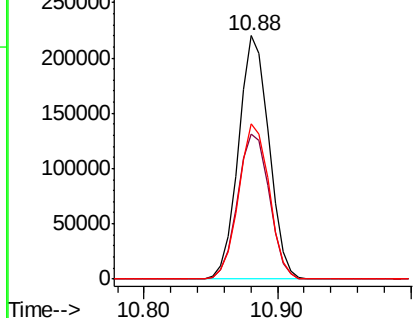


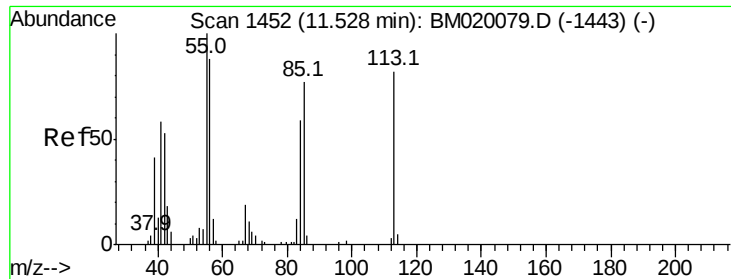
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.581 ng/mL

RT: 11.55 min Scan# 1455

Delta R.T. 0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

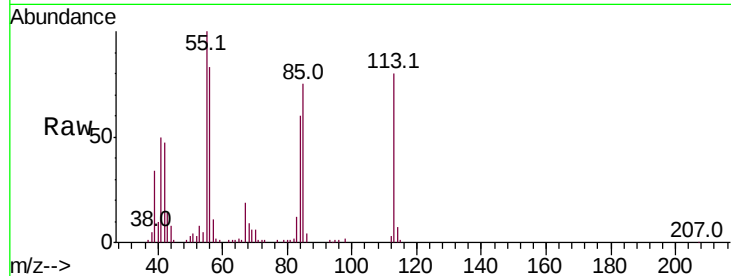
Tot Ion:113 Resp: 127413

Ion Ratio Lower Upper

113 100

55 124.7 102.5 142.5

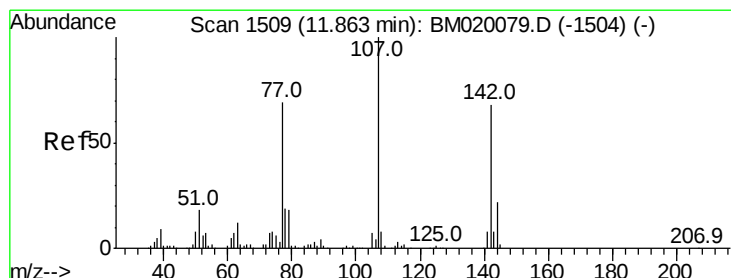
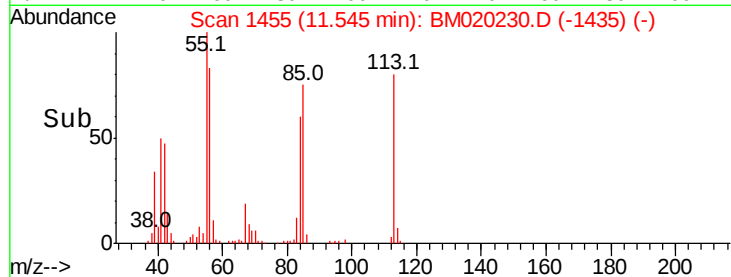
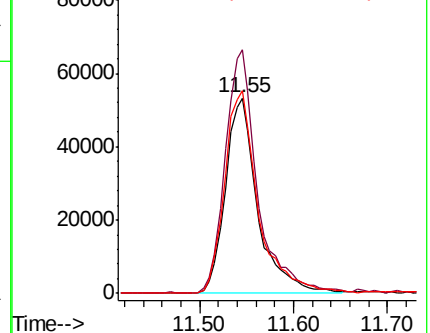
56 103.5 87.7 127.7



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: 42.369 ng/mL

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

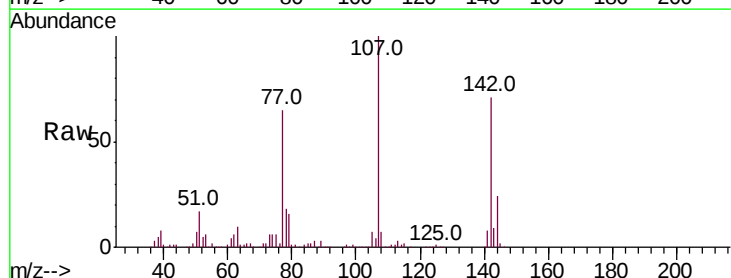
Tgt Ion:107 Resp: 455469

Ion Ratio Lower Upper

107 100

144 23.7 17.6 26.4

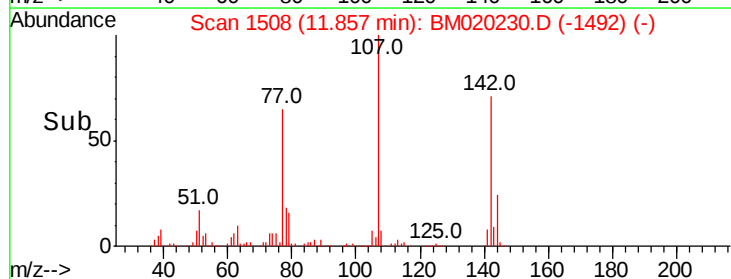
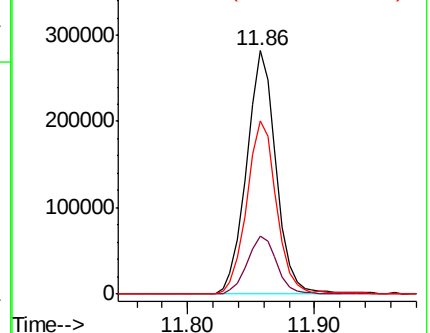
142 71.0 54.6 82.0

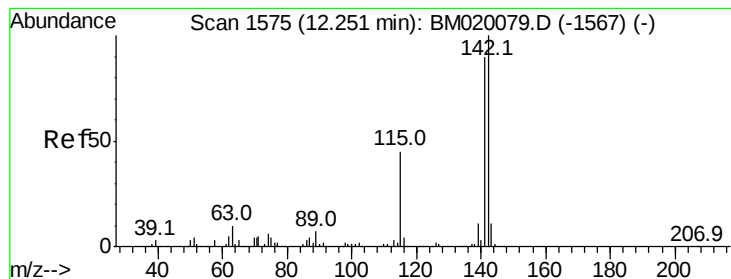


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.896 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

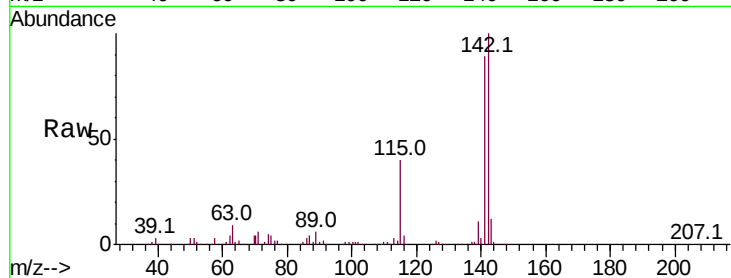
Tot Ion:142 Resp: 912690

Ion Ratio Lower Upper

142 100

141 89.0 71.6 107.4

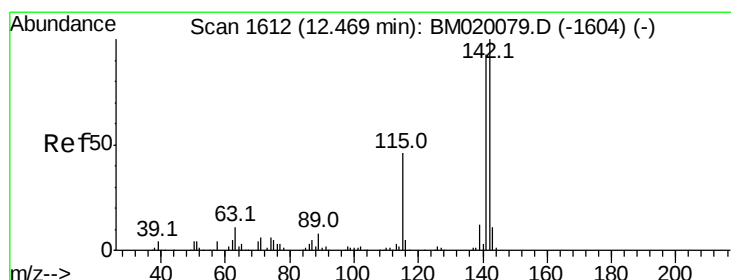
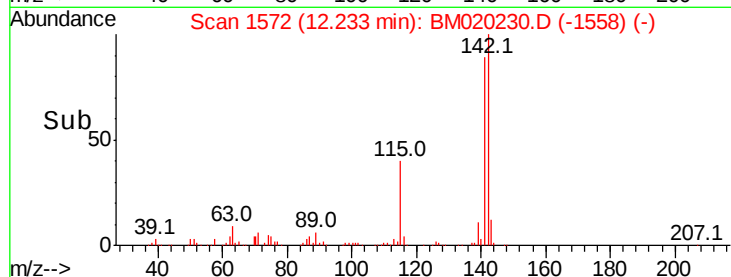
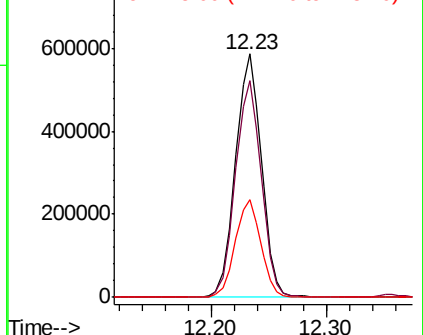
115 39.9 35.8 53.6



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: 43.858 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

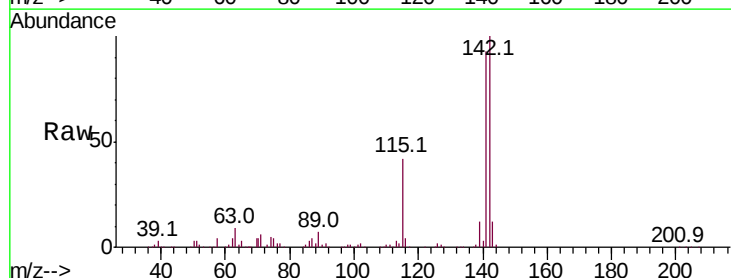
Tgt Ion:142 Resp: 891712

Ion Ratio Lower Upper

142 100

141 92.7 74.8 112.2

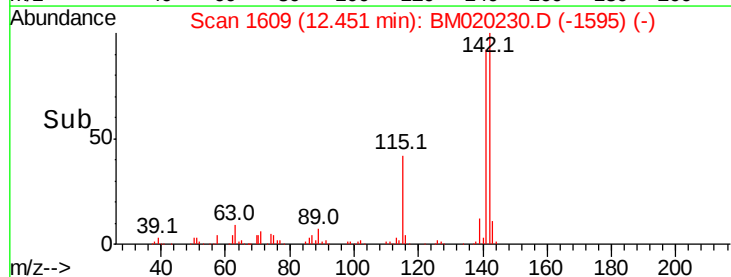
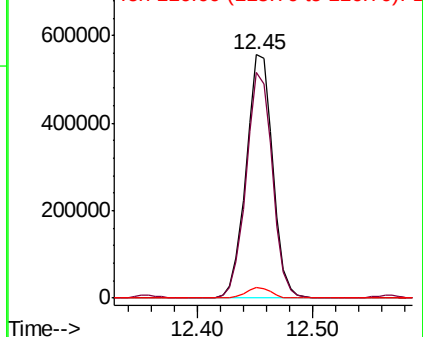
116 4.5 3.9 5.9

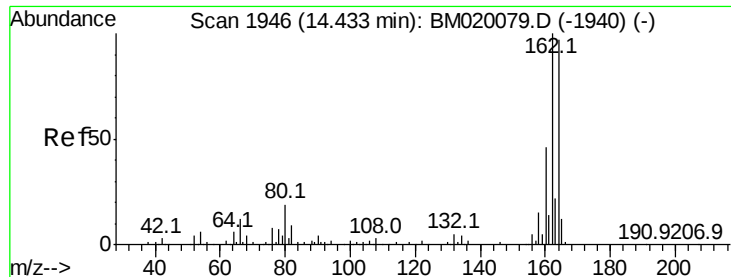


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

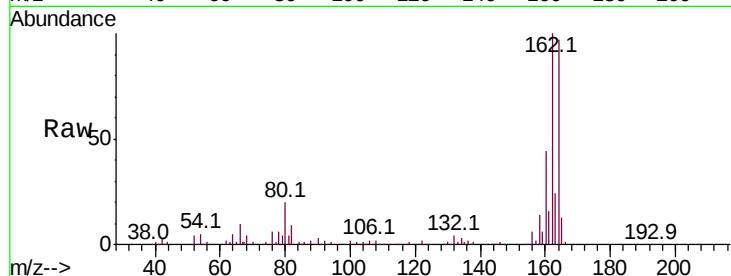
Tot Ion:164 Resp: 320240

Ion Ratio Lower Upper

164 100

162 102.8 82.2 123.2

160 45.2 37.6 56.4

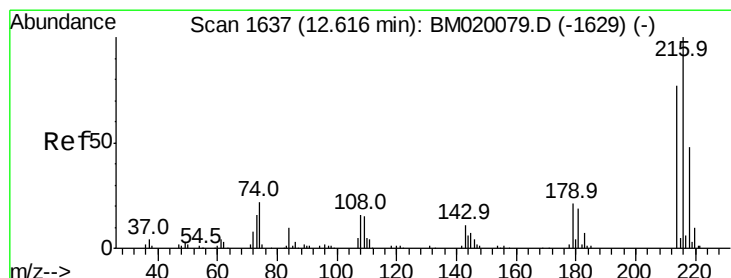
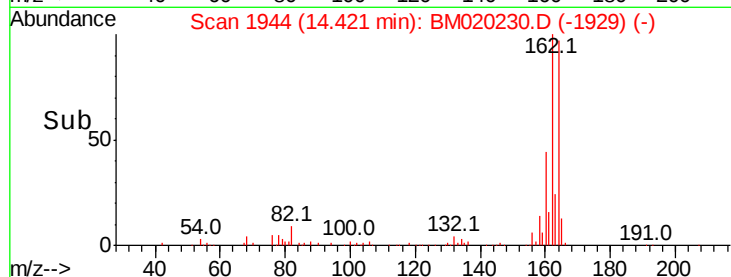
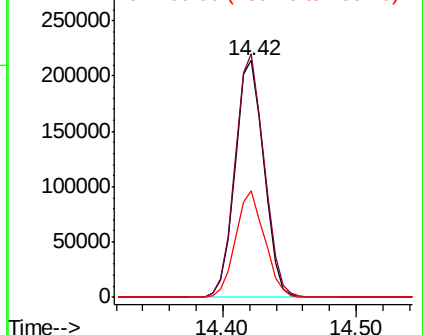


Abundance

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: 45.493 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Tgt Ion:216 Resp: 569986

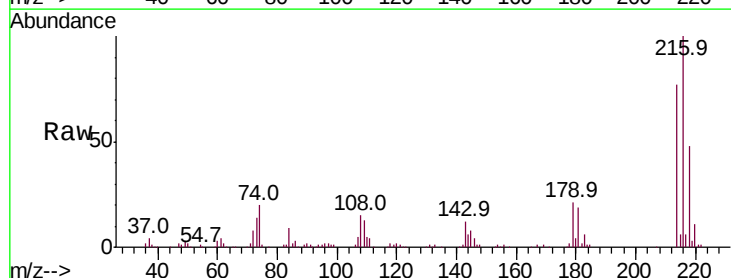
Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

179 20.3 17.1 25.7

108 16.0 15.8 23.6



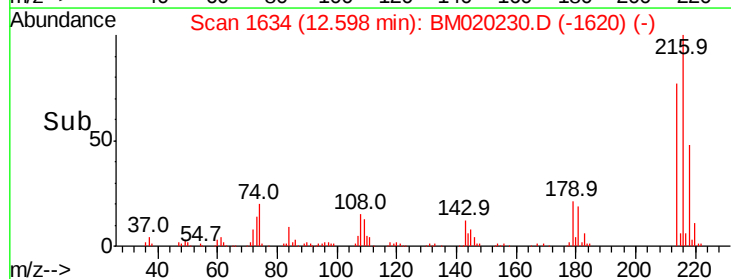
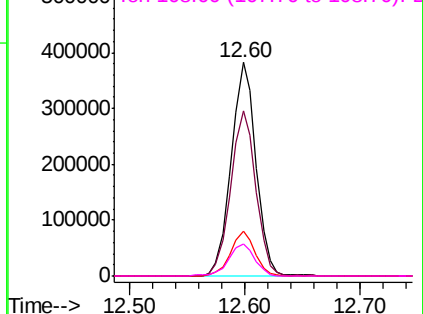
Abundance

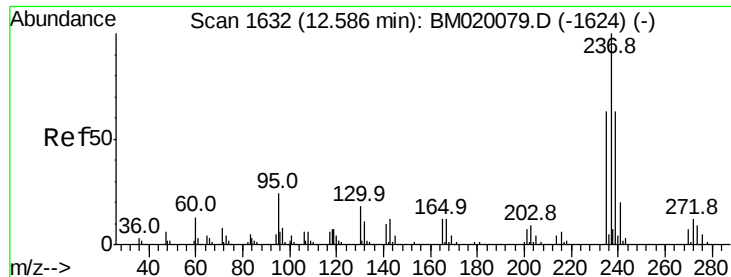
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 10.975 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

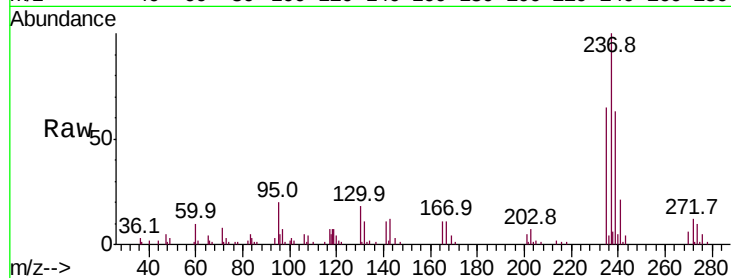
Tot Ion:237 Resp: 80966

Ion Ratio Lower Upper

237 100

235 64.8 43.4 83.4

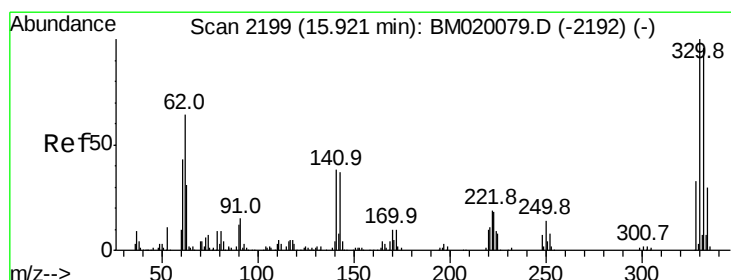
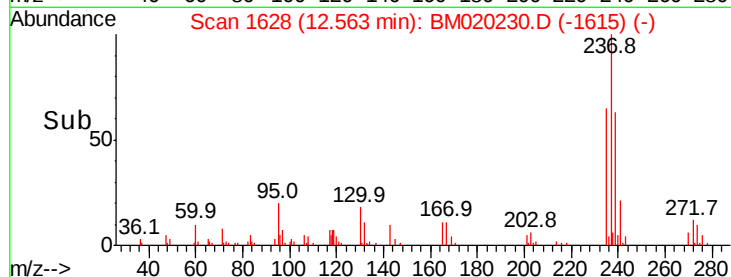
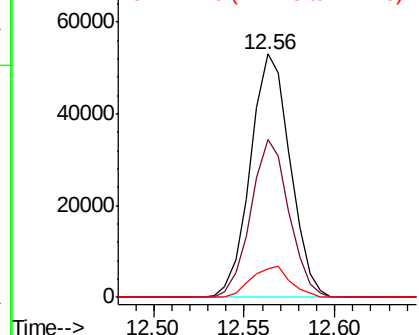
272 11.7 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 89.639 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

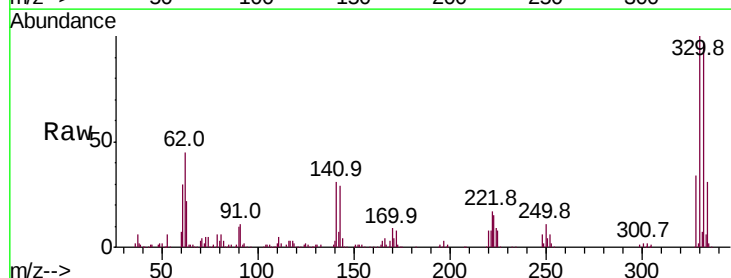
Tgt Ion:330 Resp: 445569

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

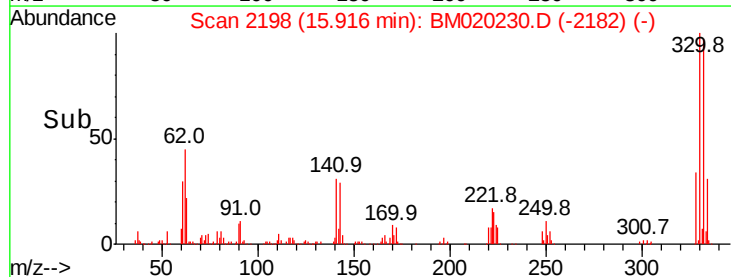
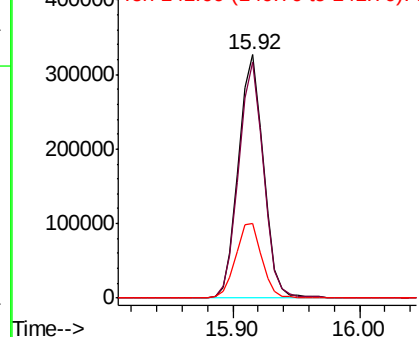
141 32.2 29.2 43.8

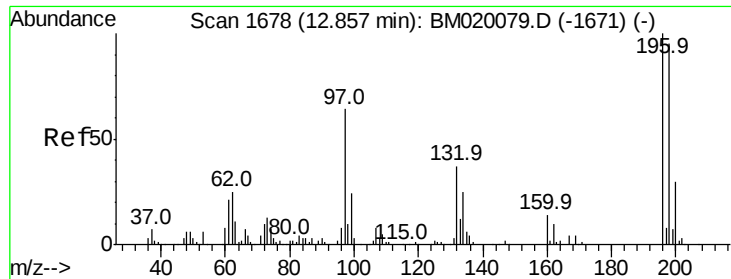


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

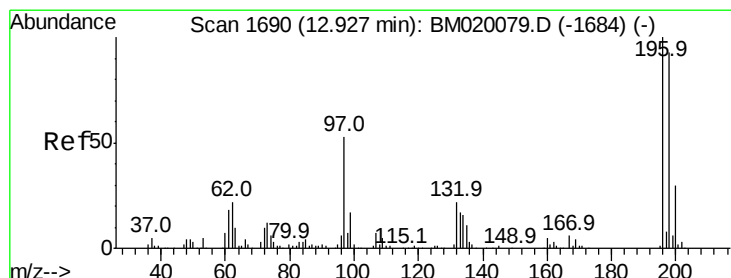
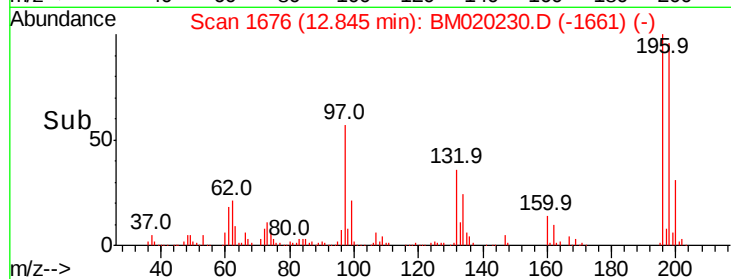
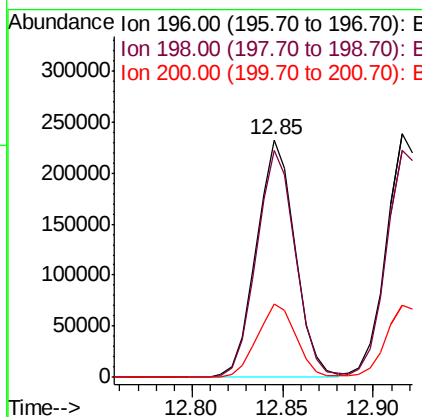
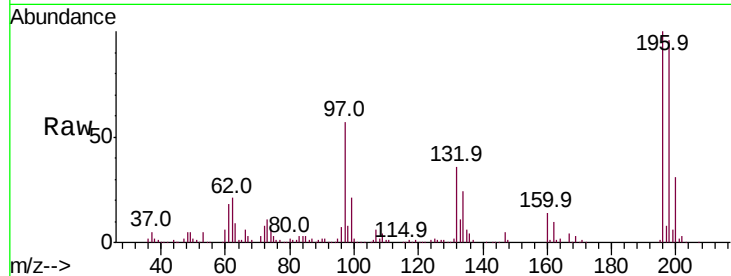




#43
 2,4,6-Trichlorophenol
 Concen: 48.307 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

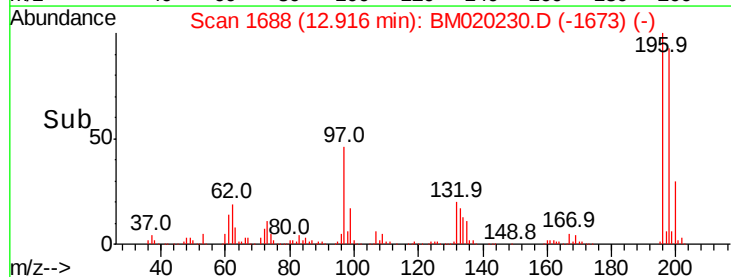
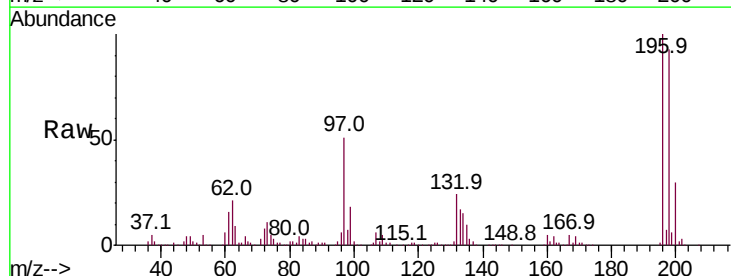
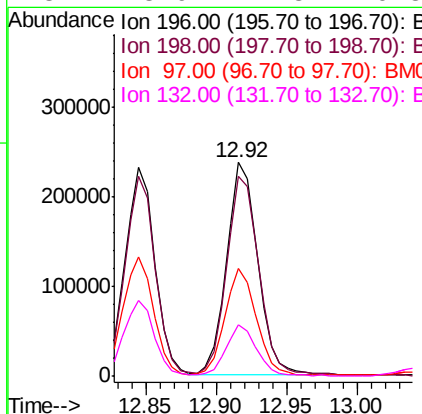
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

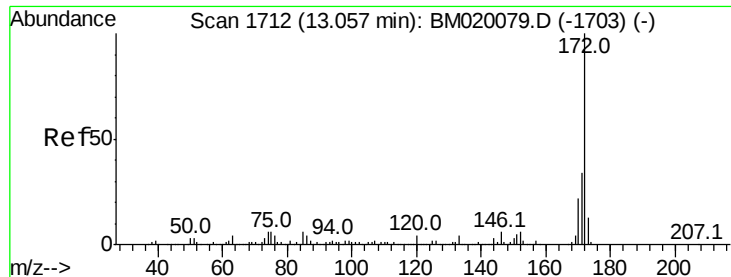
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
200	31.1	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.793 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.7	112.1
97	50.5	42.2	63.4
132	23.9	17.8	26.8



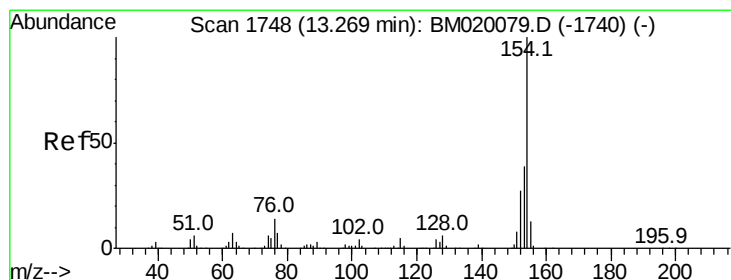
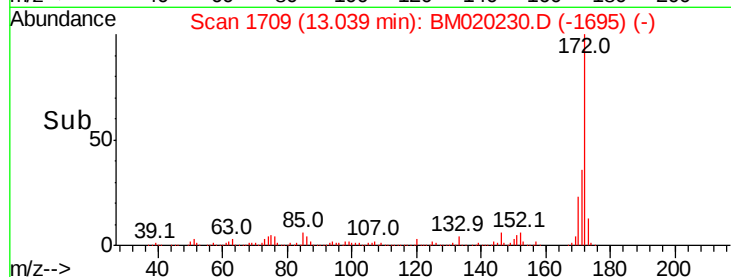
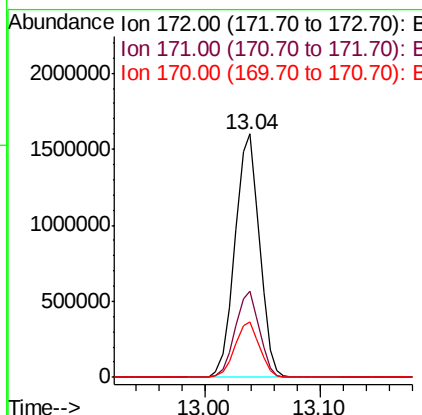
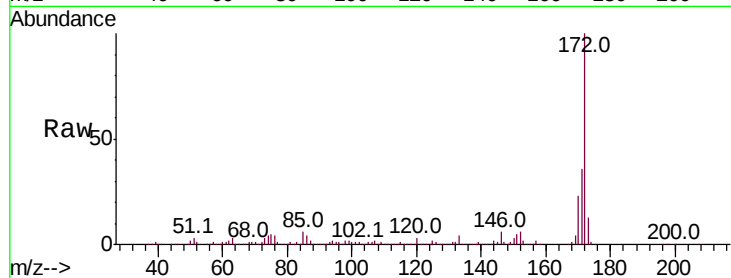


#45
2-Fluorobiphenyl
Concen: 90.240 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2348762

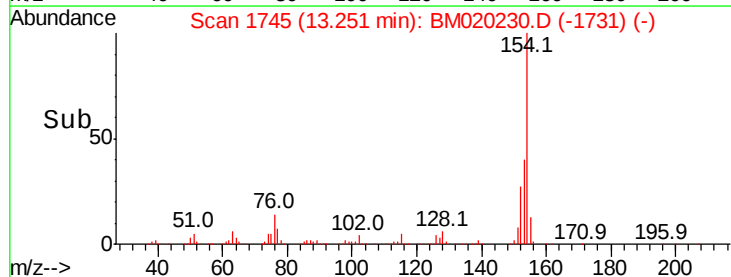
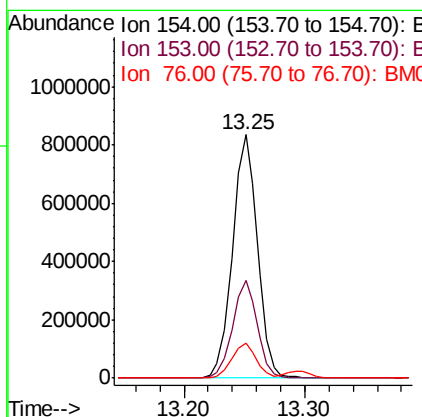
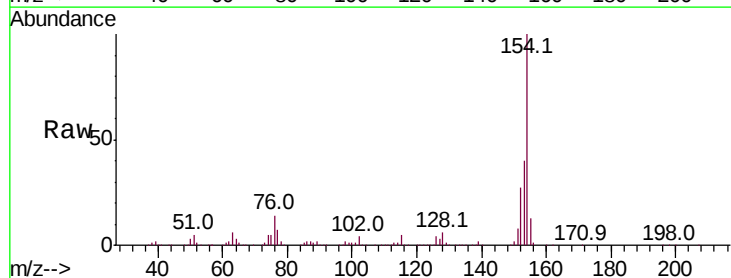
Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.3	40.9
170	22.7	17.9	26.9

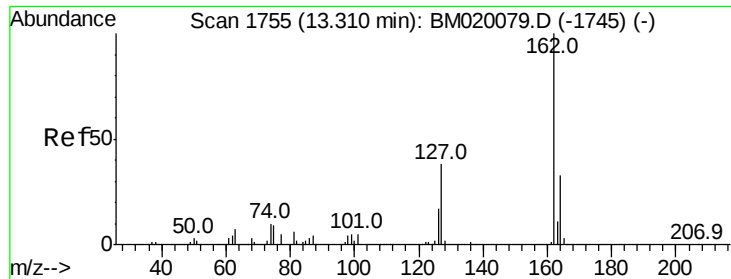


#46
1,1'-Biphenyl
Concen: 45.450 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Tgt Ion:154 Resp: 1198005

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.4	59.4
76	14.2	0.0	34.5





#47

2-Chloronaphthalene

Concen: 45.123 ng

RT: 13.30 min Scan# 1753

Delta R.T. -0.01 min

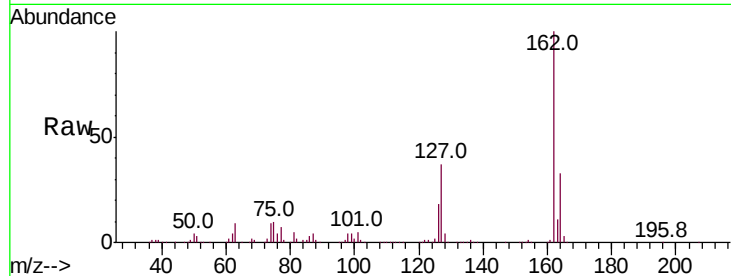
Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 949644

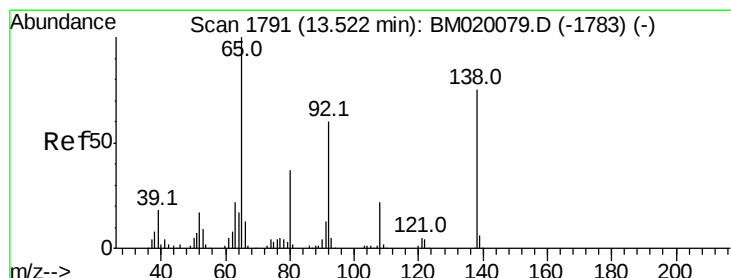
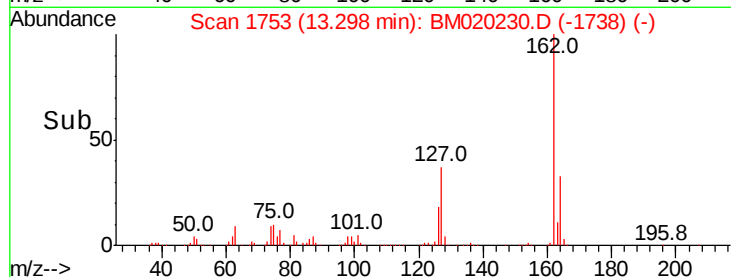
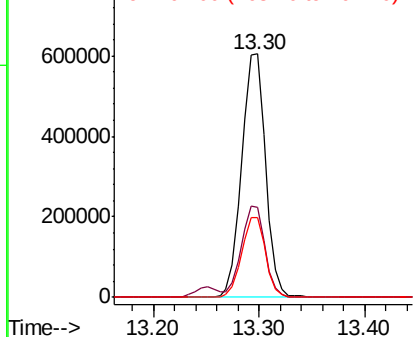
Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.4
164	33.0	26.2	39.2



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: 43.544 ng

RT: 13.51 min Scan# 1789

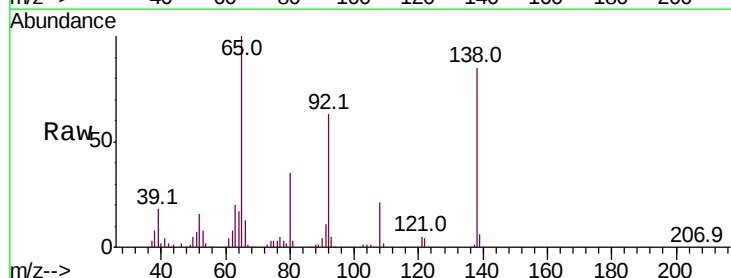
Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Tgt Ion: 65 Resp: 326252

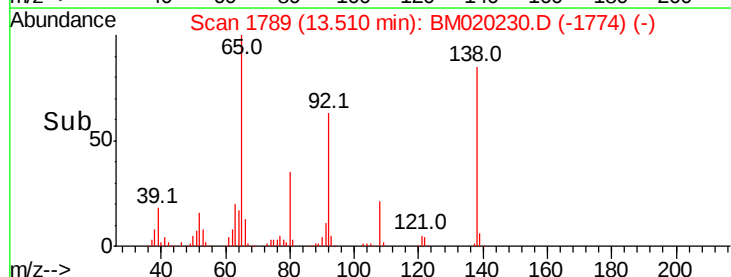
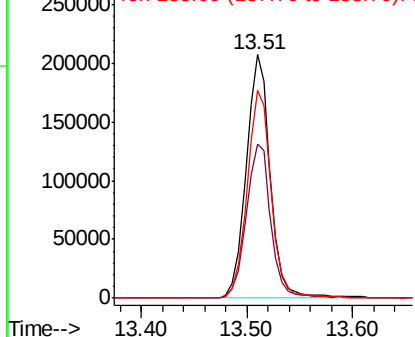
Ion	Ratio	Lower	Upper
65	100		
92	63.5	48.2	72.4
138	85.2	60.3	90.5

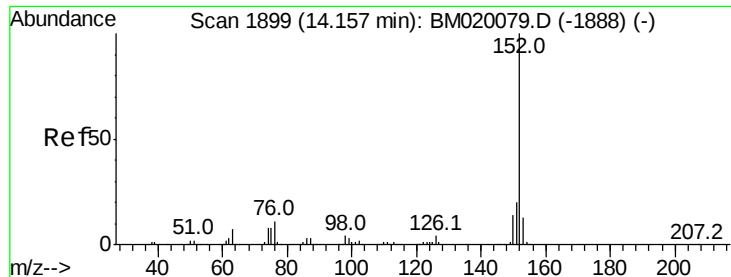


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.891 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

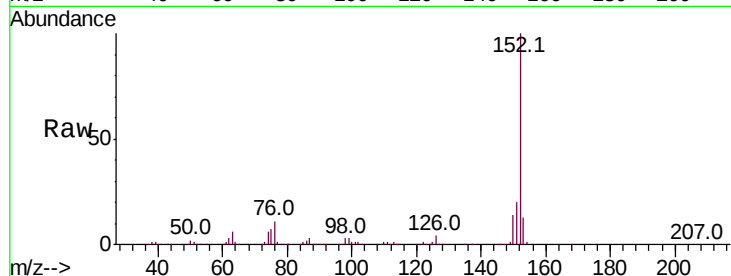
Tot Ion:152 Resp: 1478279

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

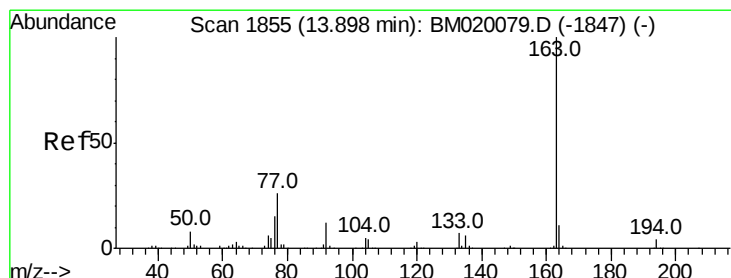
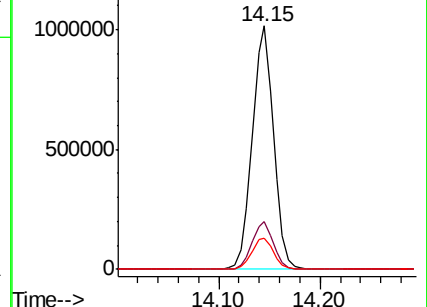
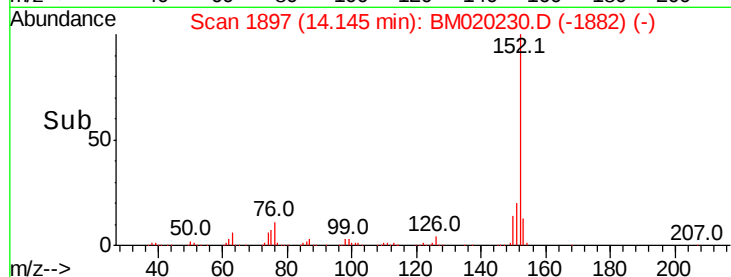
153 13.0 10.6 16.0



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: 42.765 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

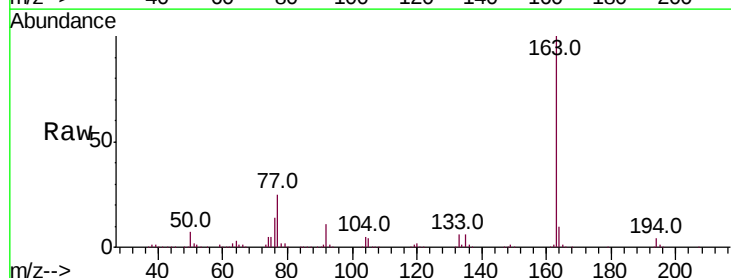
Tgt Ion:163 Resp: 1163968

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

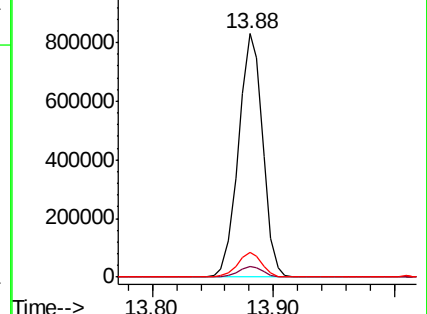
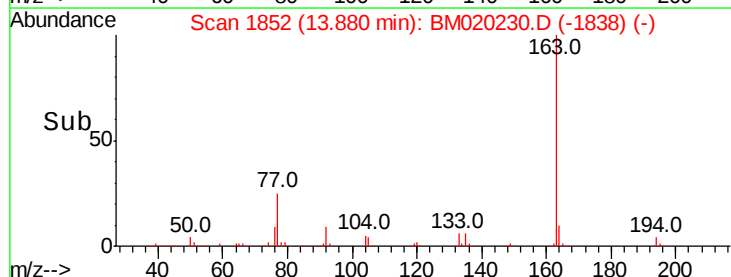
164 10.4 8.4 12.6

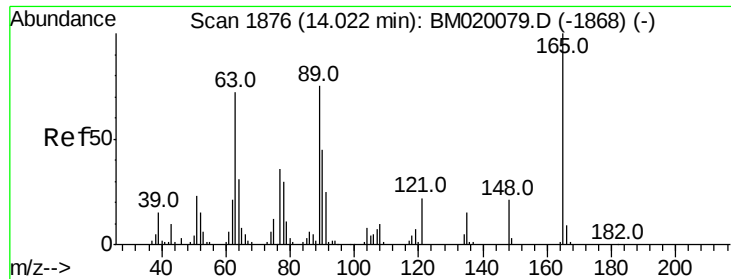


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.179 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

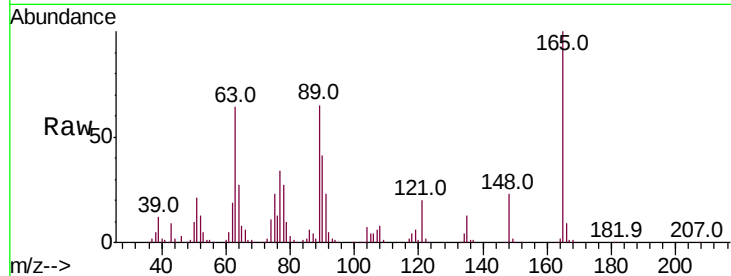
Tot Ion:165 Resp: 253266

Ion Ratio Lower Upper

165 100

63 63.7 60.3 90.5

89 64.7 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

250000

200000

150000

100000

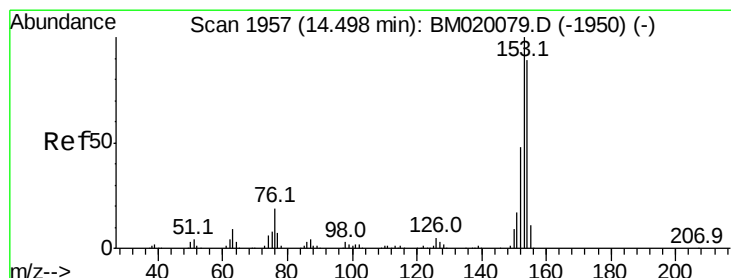
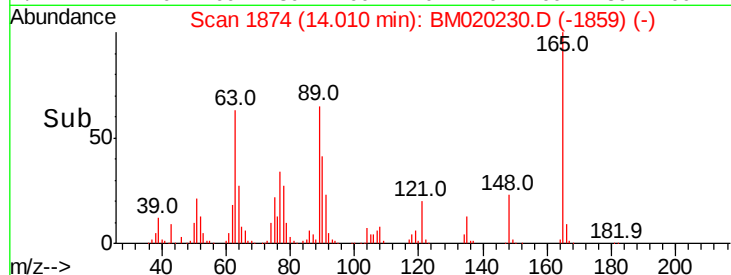
50000

0

13.95 14.00 14.05

14.01

Time-->



#52

Acenaphthene

Concen: 44.159 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

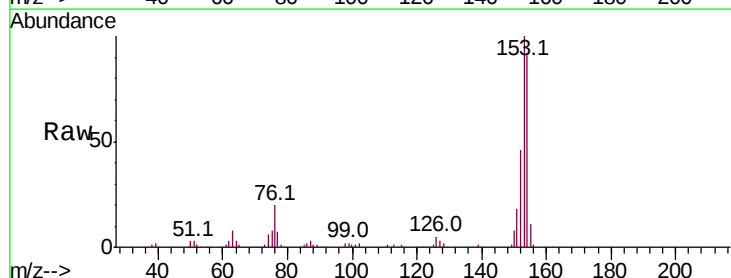
Tgt Ion:154 Resp: 852912

Ion Ratio Lower Upper

154 100

153 110.1 90.2 135.2

152 50.9 43.0 64.4



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

800000

600000

400000

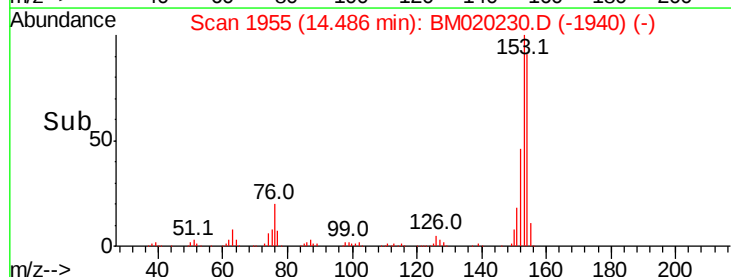
200000

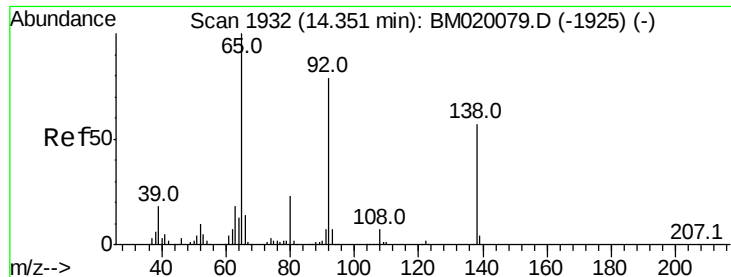
0

14.45 14.50 14.55

14.49

Time-->

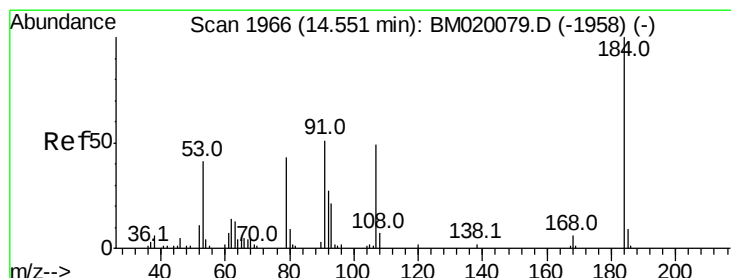
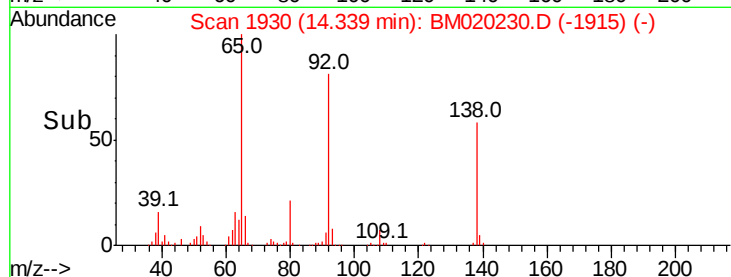
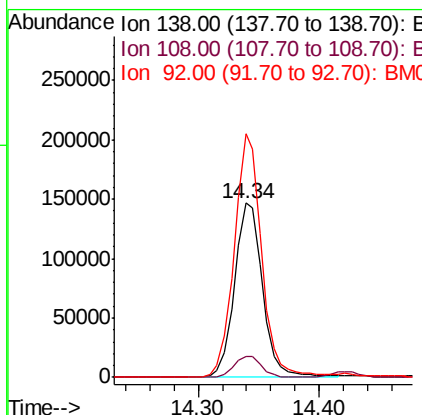
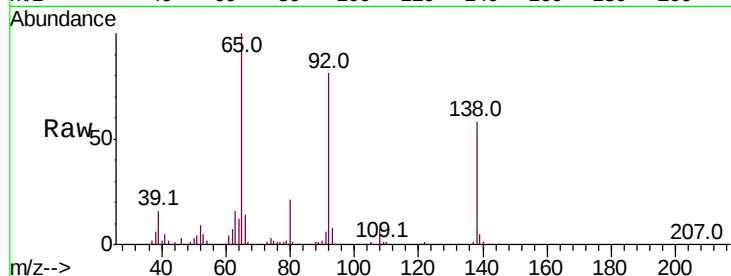




#53
3-Nitroaniline
Concen: 44.713 ng
RT: 14.34 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

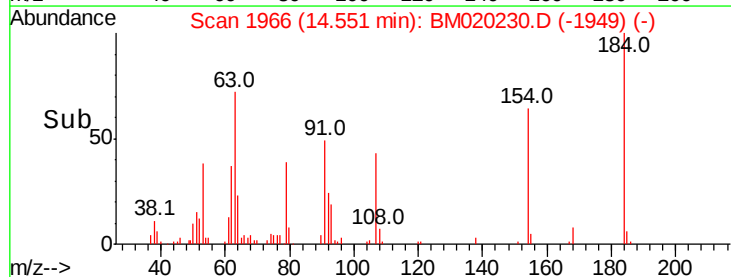
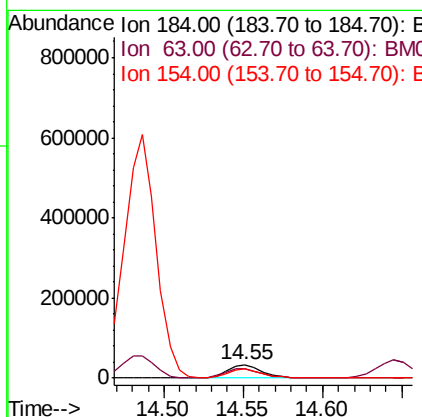
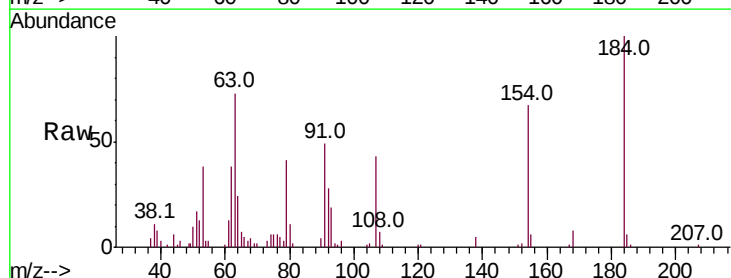
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

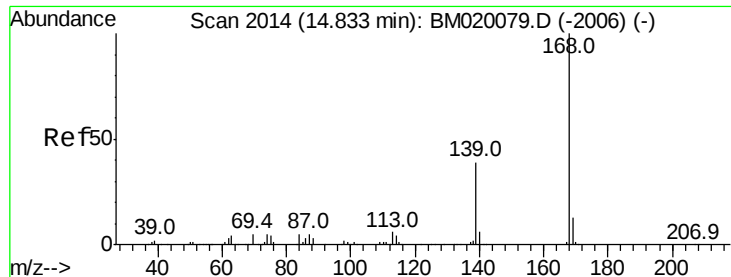
Tot Ion:138 Resp: 237903
Ion Ratio Lower Upper
138 100
108 12.0 10.4 15.6
92 139.9 111.3 166.9



#54
2,4-Dinitrophenol
Concen: 25.017 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Tgt Ion:184 Resp: 53136
Ion Ratio Lower Upper
184 100
63 73.2 68.9 103.3
154 67.2 54.4 81.6

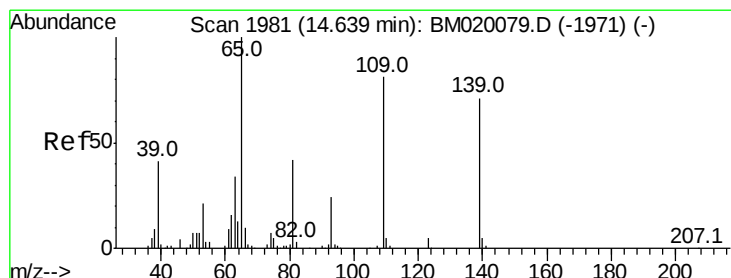
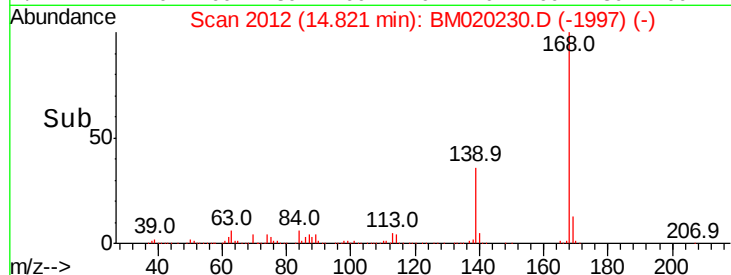
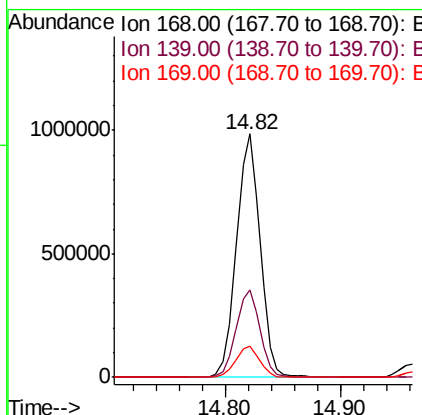
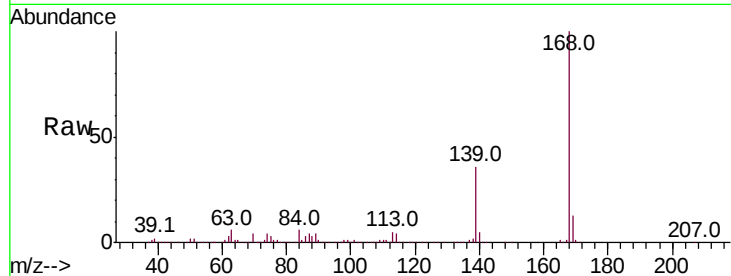




#55
Dibenzofuran
Concen: 42.899 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

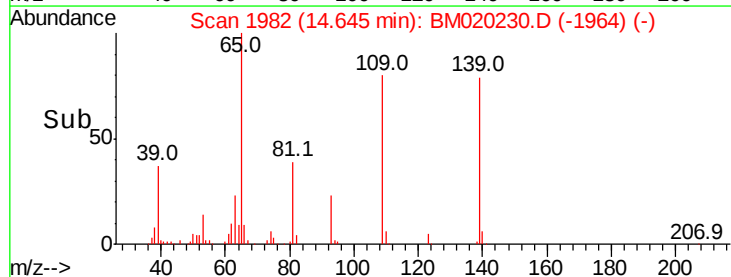
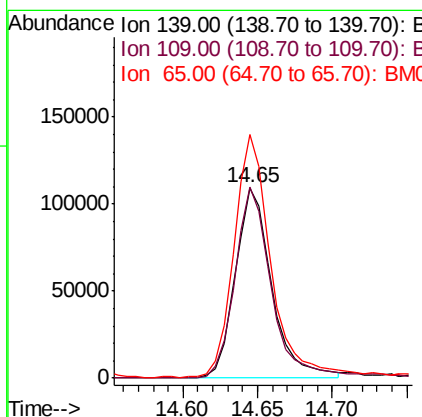
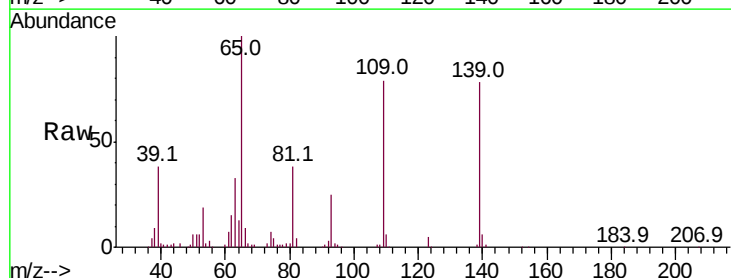
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

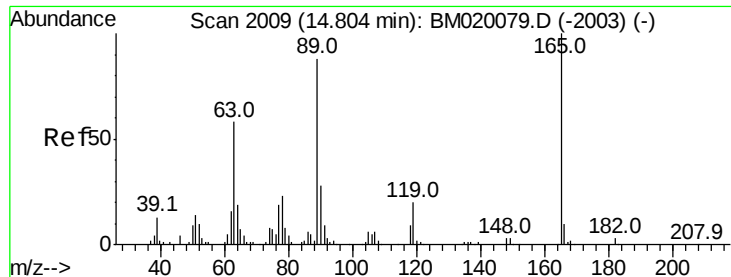
Tot Ion:168 Resp: 1397599
Ion Ratio Lower Upper
168 100
139 35.9 31.1 46.7
169 12.9 10.6 16.0



#56
4-Nitrophenol
Concen: 41.005 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Tgt Ion:139 Resp: 186144
Ion Ratio Lower Upper
139 100
109 100.6 94.1 134.1
65 127.8 120.9 160.9

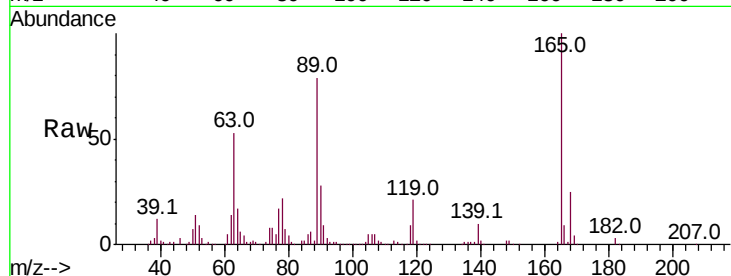




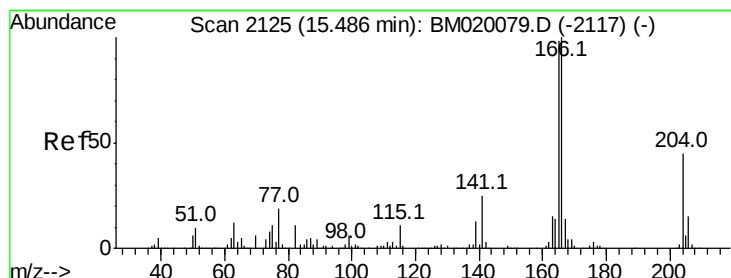
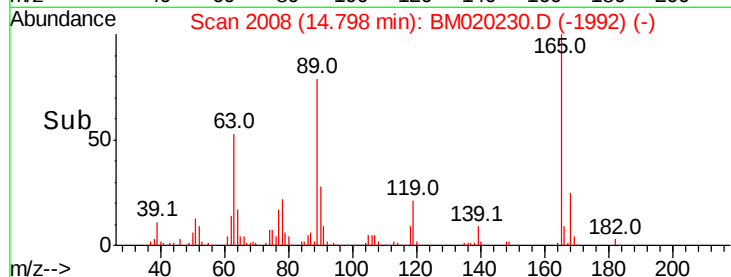
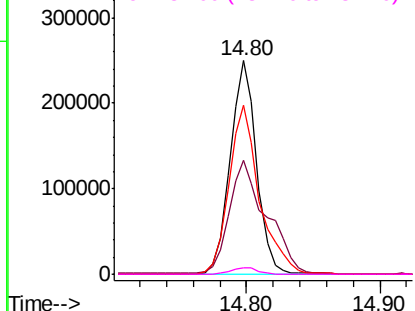
#57
 2,4-Dinitrotoluene
 Concen: 44.164 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 344021
 Ion Ratio Lower Upper
 165 100
 63 53.5 46.2 69.2
 89 79.2 70.6 105.8
 182 3.1 2.2 3.2

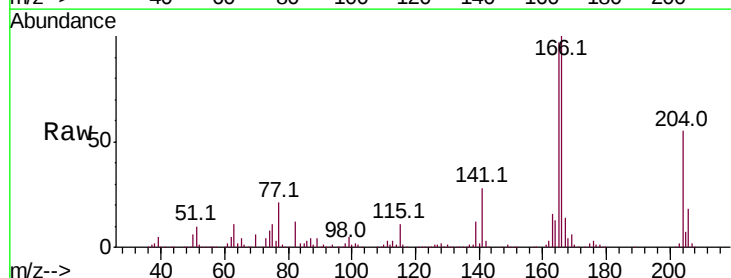


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

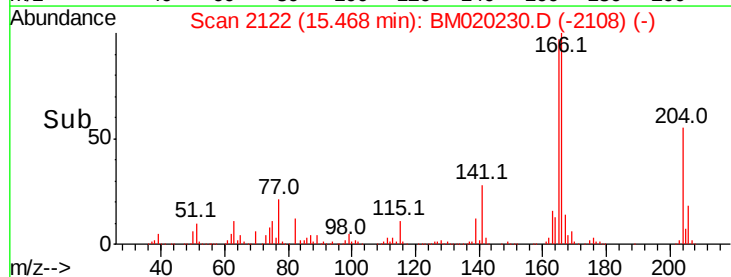
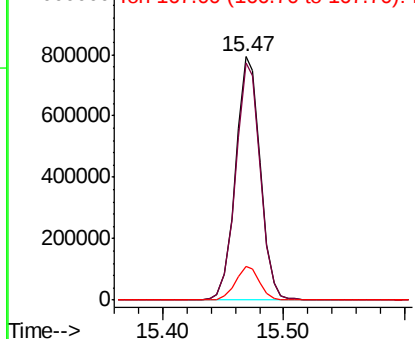


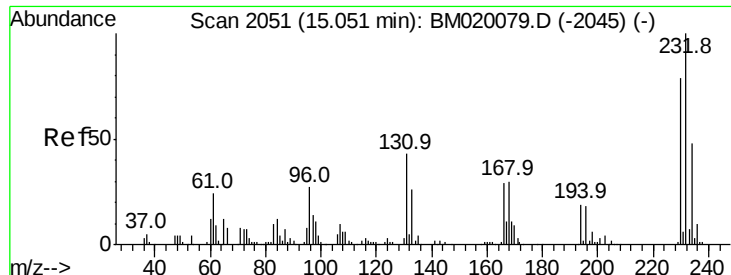
#58
 Fluorene
 Concen: 42.173 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

Tgt Ion:166 Resp: 1128398
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.2 117.2
 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

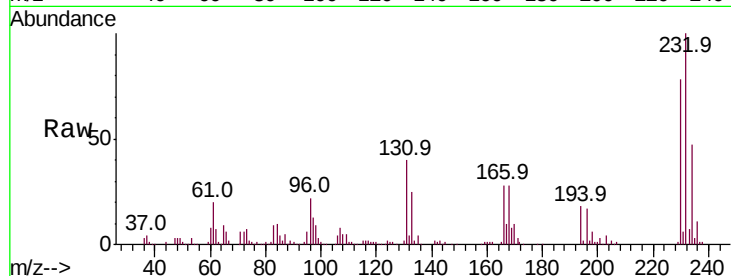




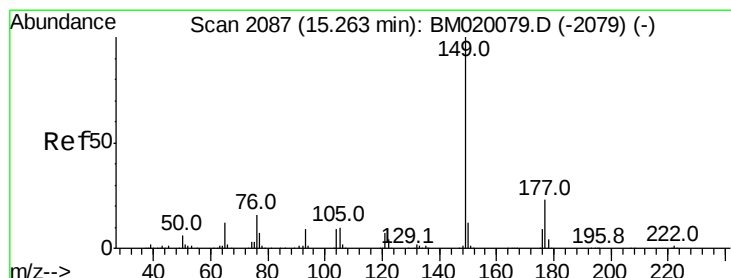
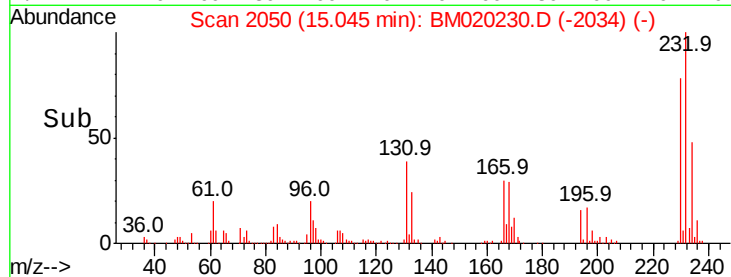
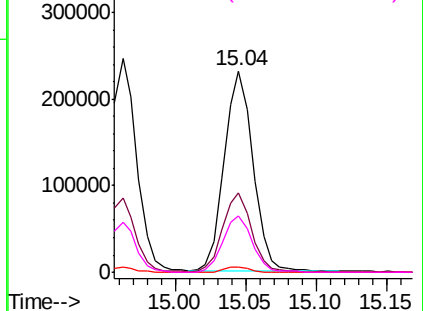
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.598 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	329569
Ion	Ratio	Lower	Upper
232	100		
131	39.2	34.2	51.4
130	2.3	2.0	3.0
166	28.1	23.8	35.8

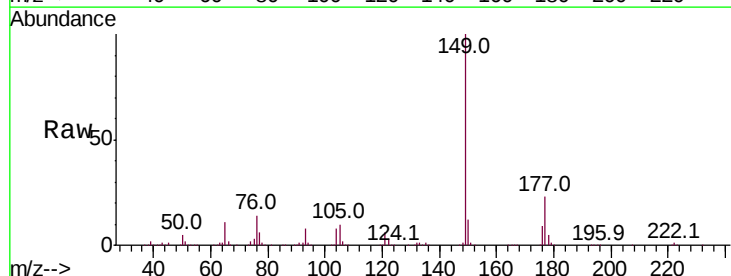


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

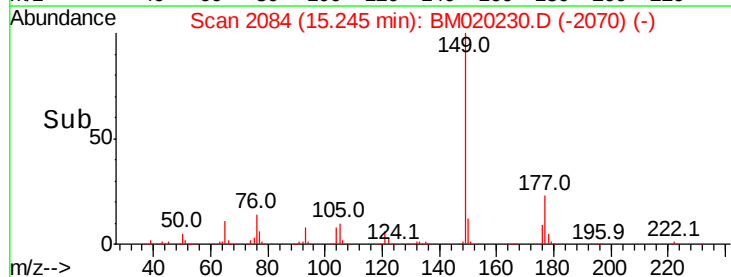
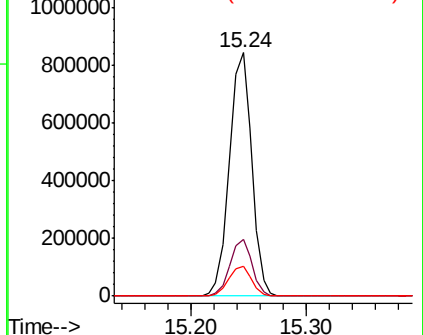


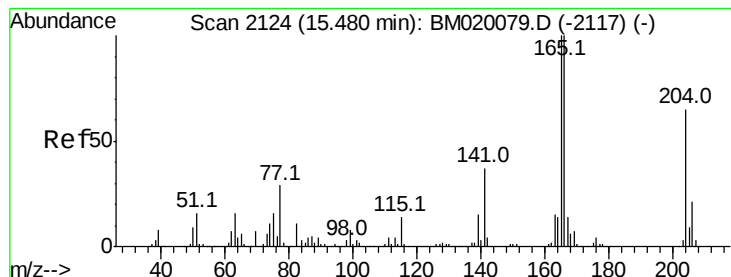
#60
 Diethylphthalate
 Concen: 41.345 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

Tgt Ion:	149	Resp:	1133739
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.2	27.4
150	12.4	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

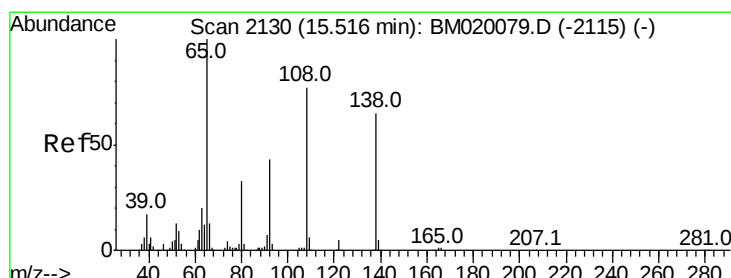
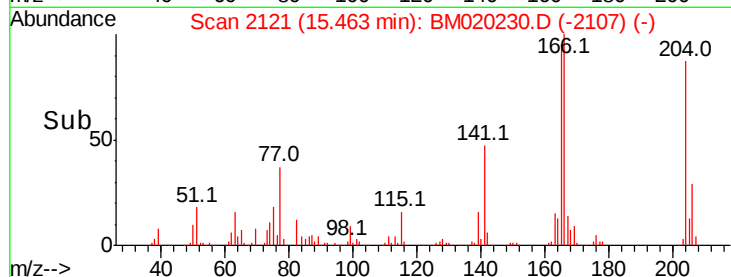
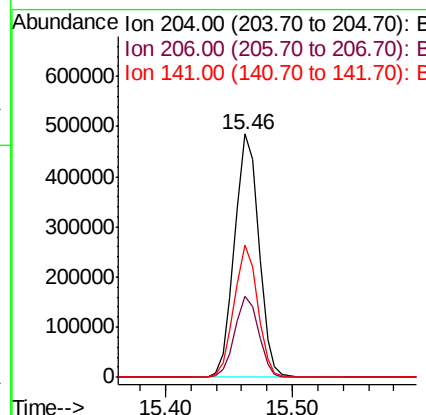
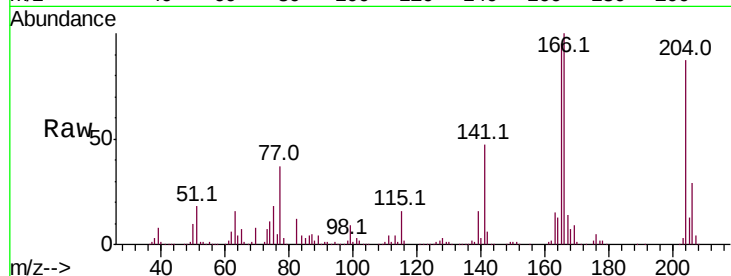




#61
 4-Chlorophenyl-phenylether
 Concen: 42.353 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

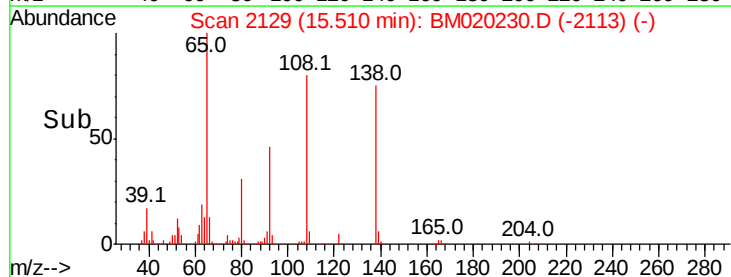
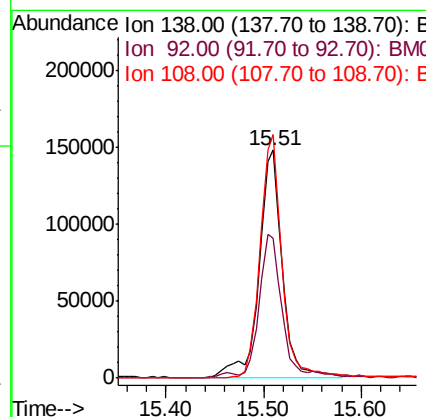
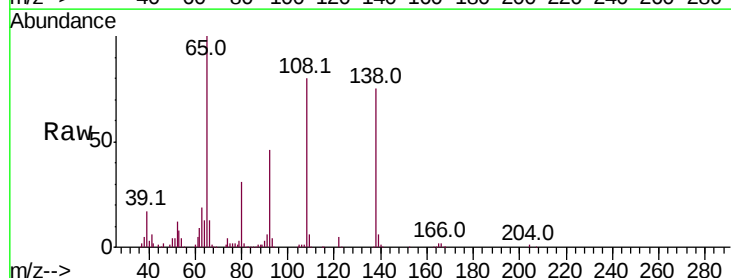
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

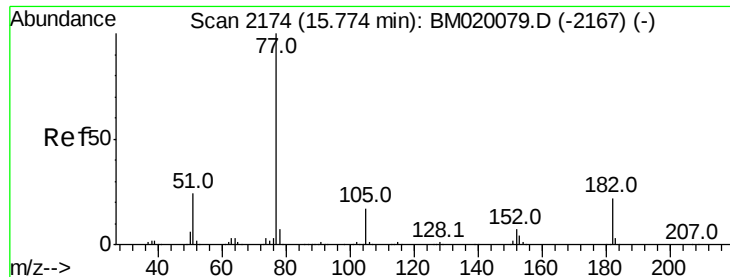
Tot Ion:204 Resp: 642088
 Ion Ratio Lower Upper
 204 100
 206 33.1 25.6 38.4
 141 54.2 46.1 69.1



#62
 4-Nitroaniline
 Concen: 42.985 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

Tgt Ion:138 Resp: 252400
 Ion Ratio Lower Upper
 138 100
 92 61.7 45.9 85.9
 108 106.9 97.7 137.7





#63

Azobenzene

Concen: 38.426 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1243065

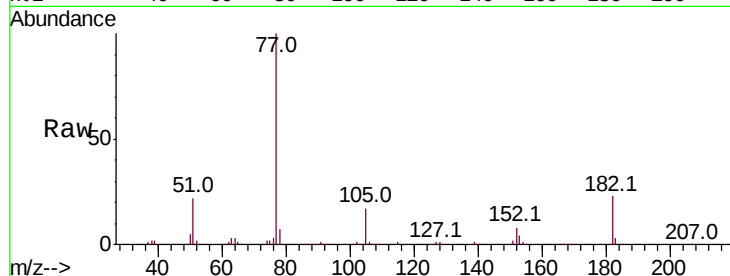
Ion Ratio Lower Upper

77 100

182 23.2 2.1 42.1

105 17.4 0.0 36.8

51 21.7 3.8 43.8

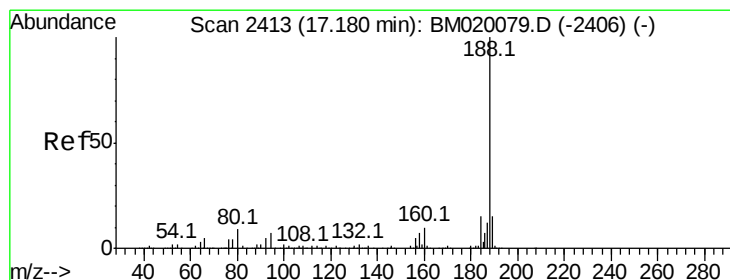
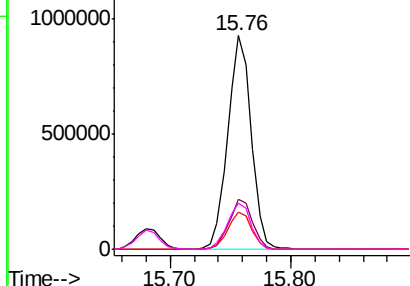
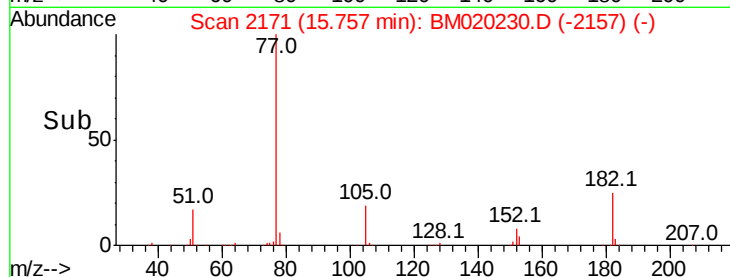


Abundance Ion 77.00 (76.70 to 77.70): BM0

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

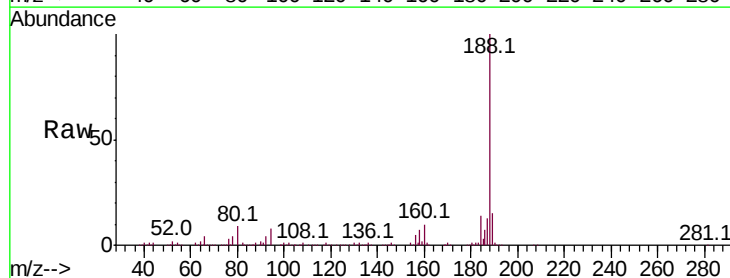
Tgt Ion: 188 Resp: 705448

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

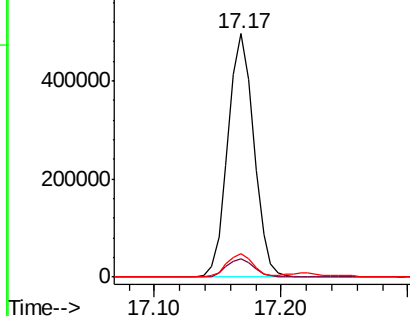
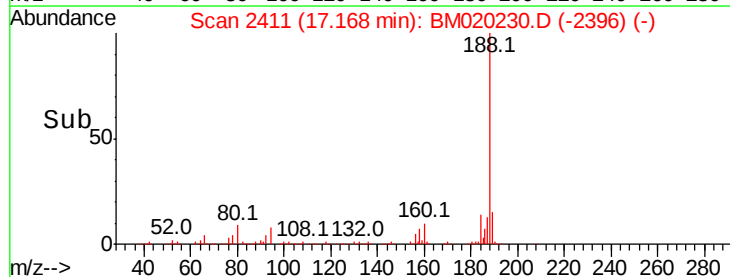
80 9.4 7.4 11.2

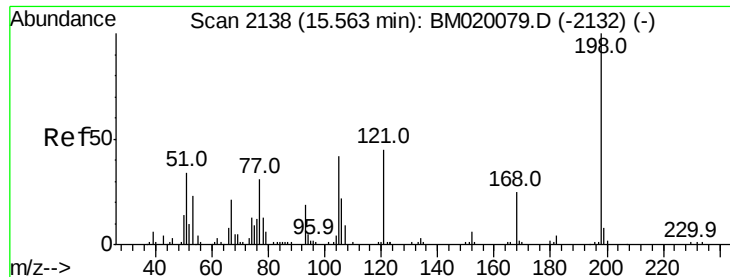


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 30.922 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

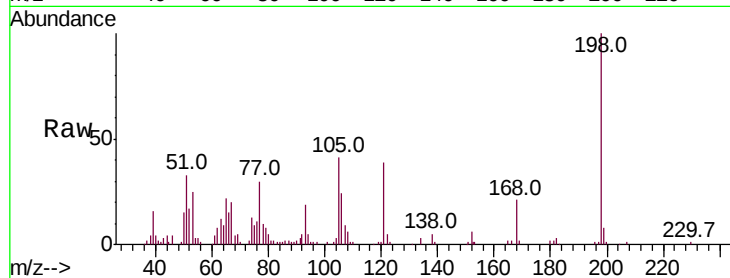
Tot Ion:198 Resp: 99404

Ion Ratio Lower Upper

198 100

51 33.2 16.5 56.5

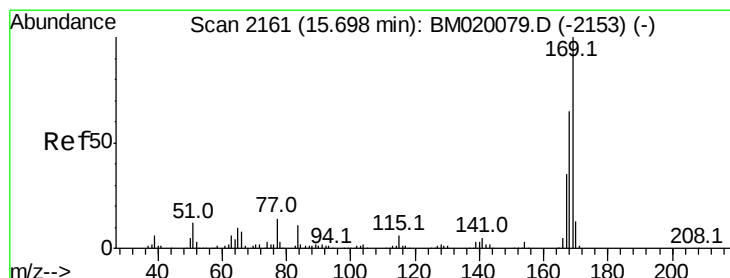
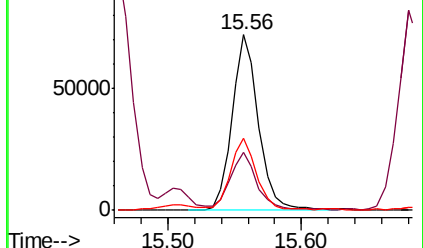
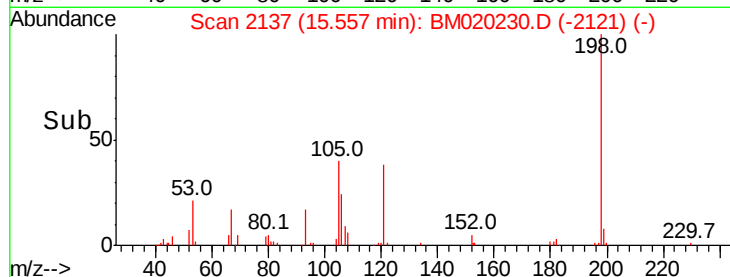
105 40.8 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.420 ng

RT: 15.68 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

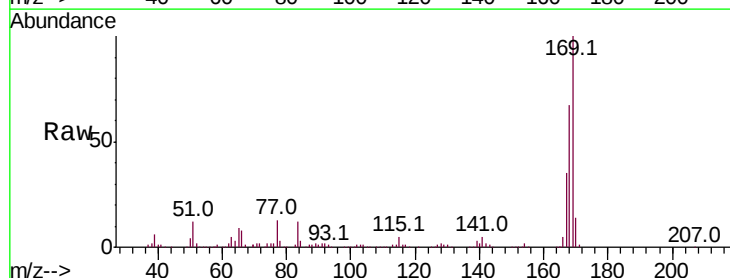
Tgt Ion:169 Resp: 963596

Ion Ratio Lower Upper

169 100

168 67.5 51.9 77.9

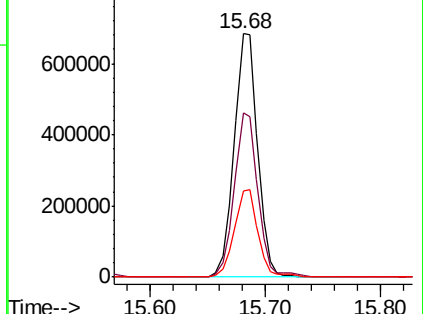
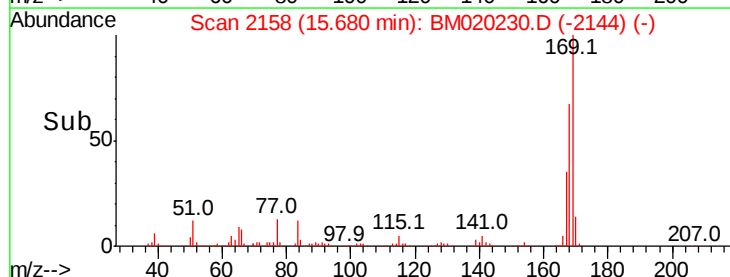
167 35.4 27.8 41.6

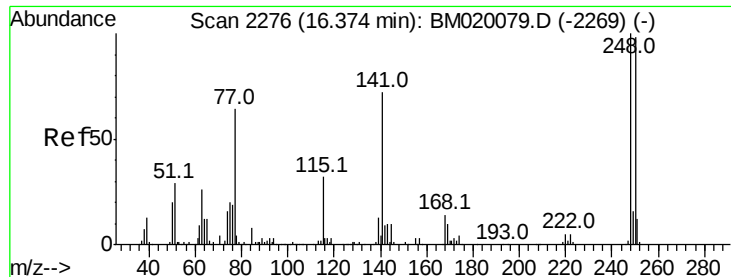


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

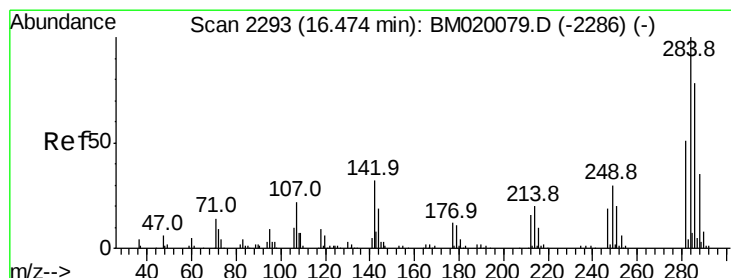
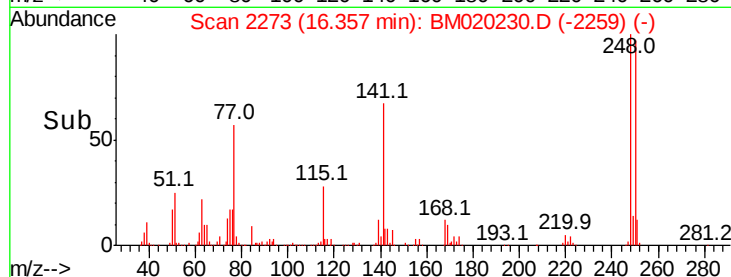
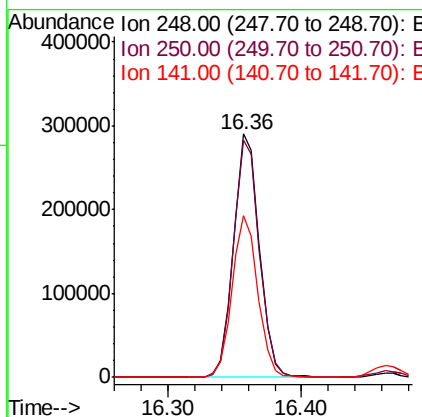
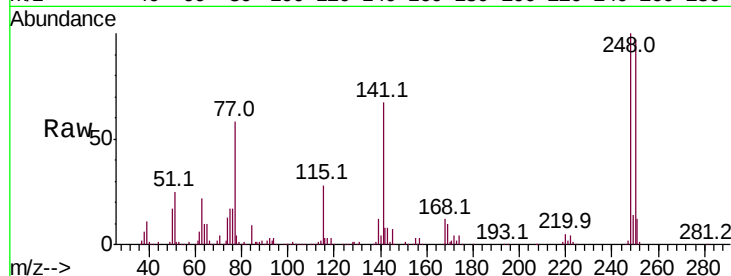




#67
 4-Bromophenyl-phenylether
 Concen: 45.381 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

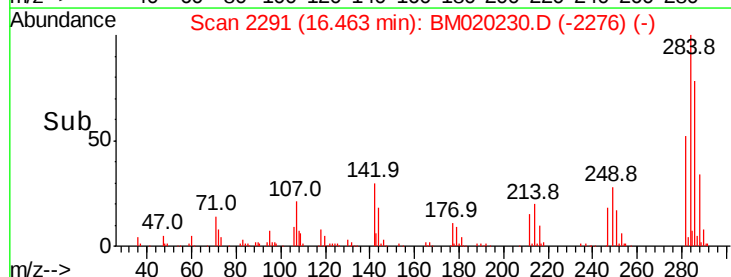
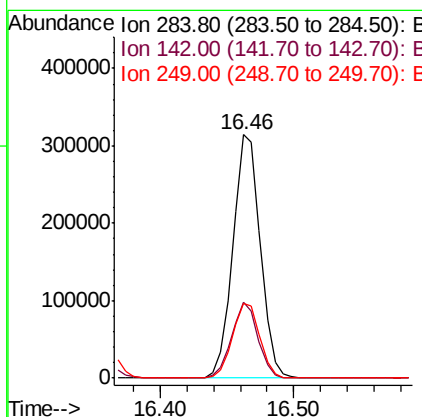
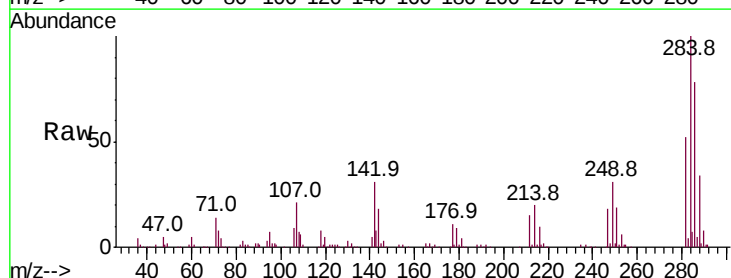
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

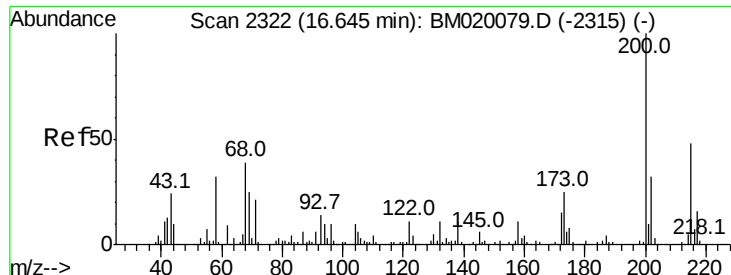
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.4	117.6
141	66.6	57.4	86.2



#68
 Hexachlorobenzene
 Concen: 45.127 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	25.2	37.8
249	30.8	23.6	35.4

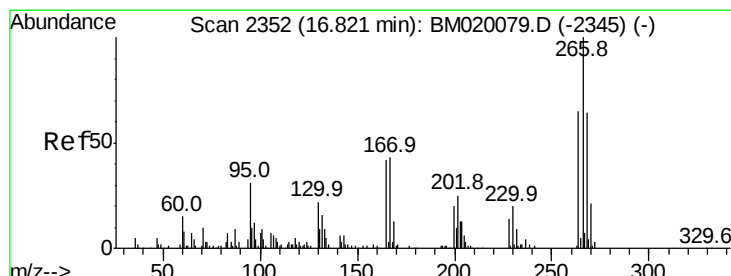
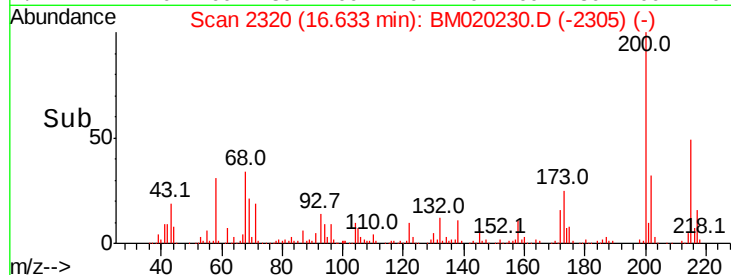
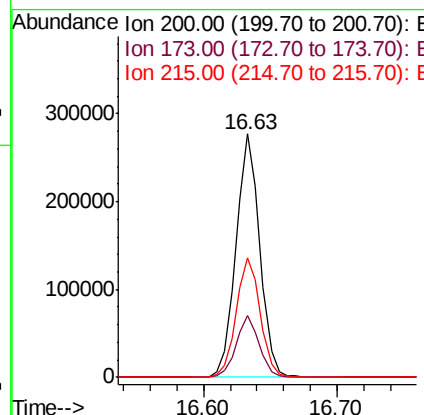
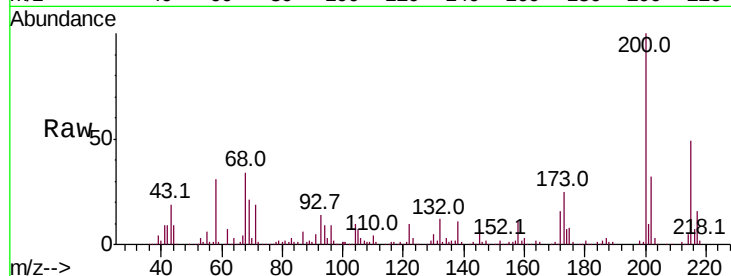




#69
 Atrazine
 Concen: 42.589 ng
 RT: 16.63 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

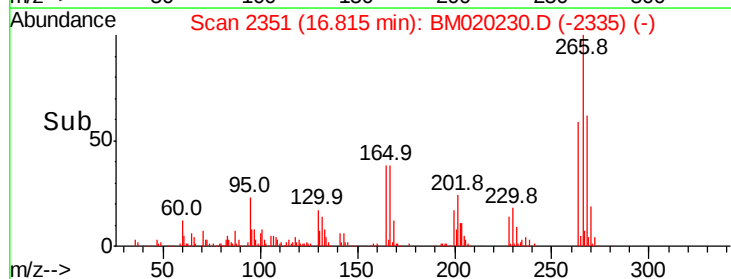
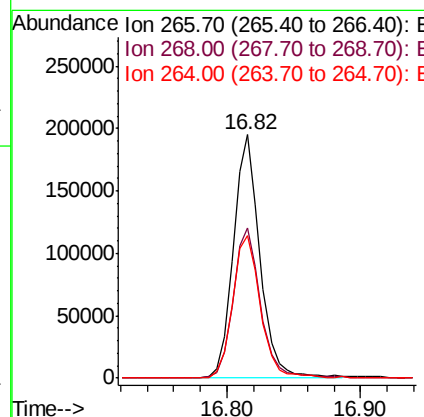
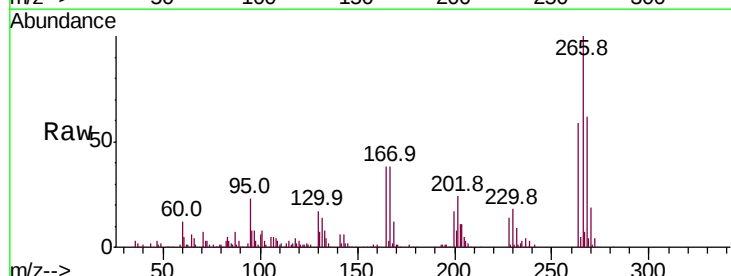
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

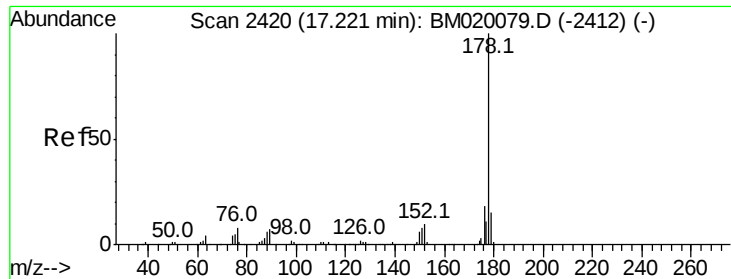
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	4.6	44.6
215	49.0	28.0	68.0



#70
 Pentachlorophenol
 Concen: 47.768 ng
 RT: 16.82 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BM020230.D
 Acq: 10 May 2019 06:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.4	77.0
264	58.7	52.0	78.0

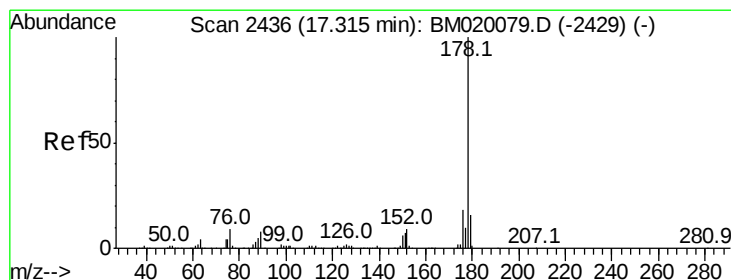
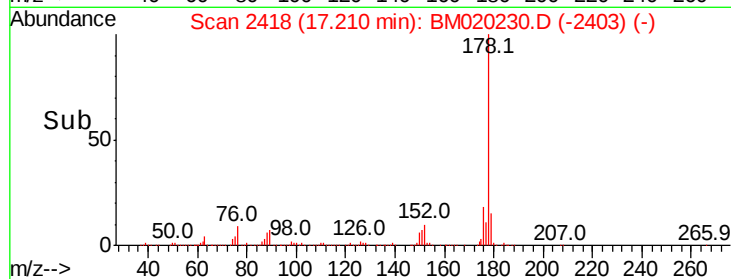
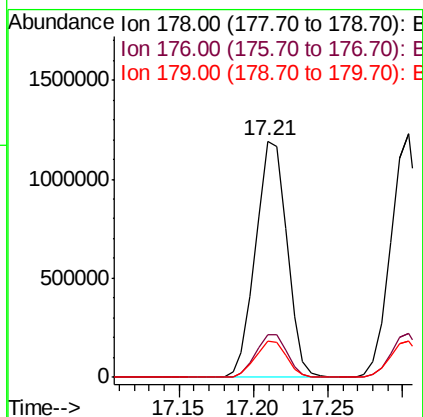
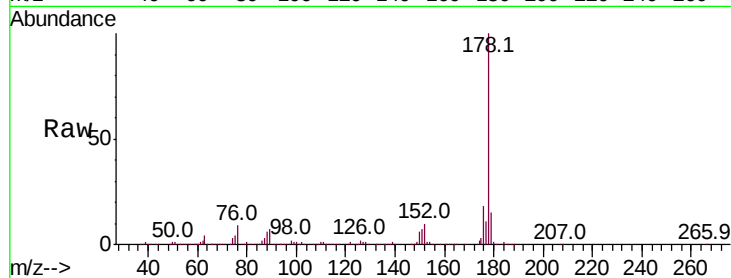




#71
Phenanthrene
Concen: 44.486 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

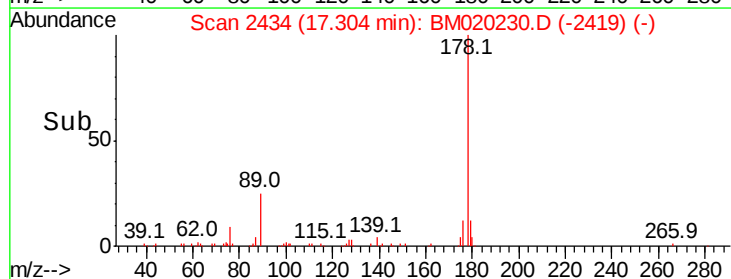
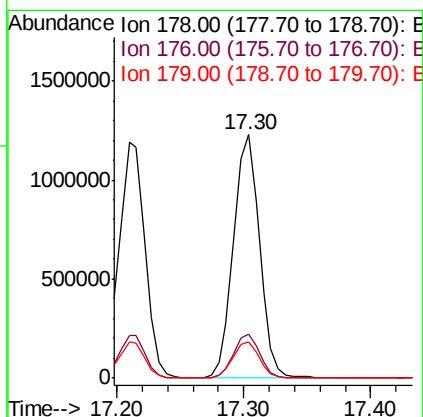
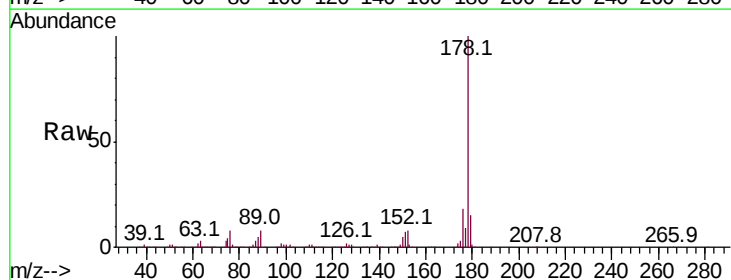
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

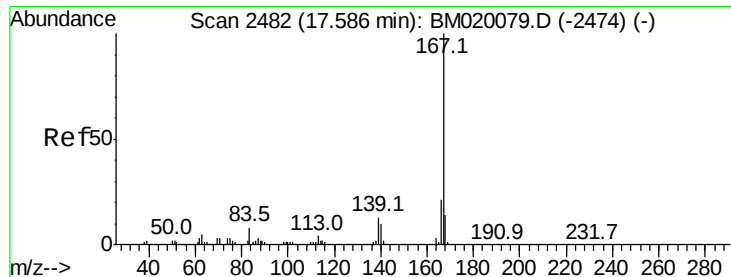
Tot Ion:178 Resp: 1732357
Ion Ratio Lower Upper
178 100
176 18.0 14.6 21.8
179 15.2 12.4 18.6



#72
Anthracene
Concen: 44.571 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020230.D
Acq: 10 May 2019 06:36

Tgt Ion:178 Resp: 1735334
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 14.9 12.4 18.6





#73

Carbazole

Concen: 43.860 ng

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

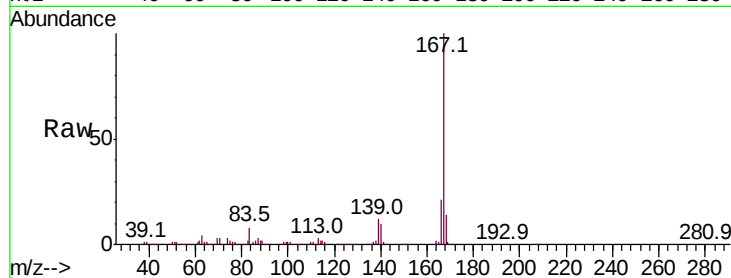
Tot Ion:167 Resp: 1540834

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

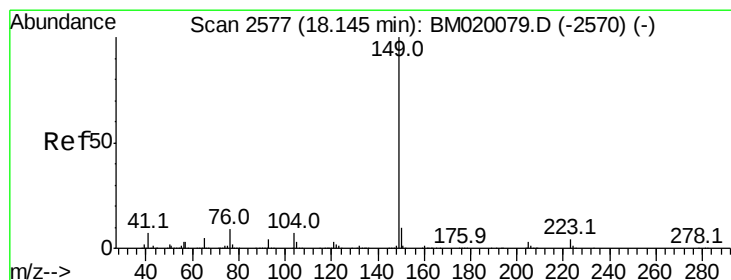
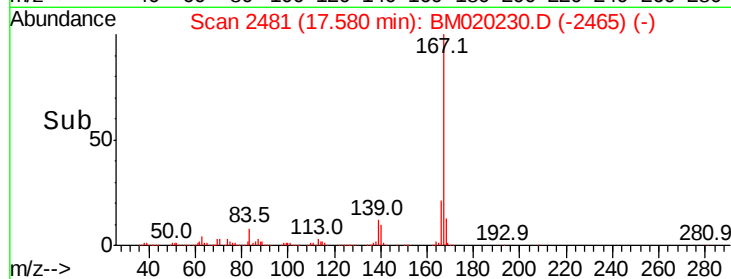
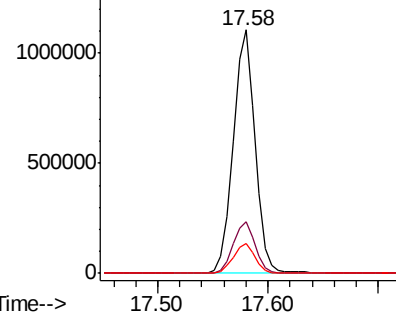
139 12.3 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.901 ng

RT: 18.13 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

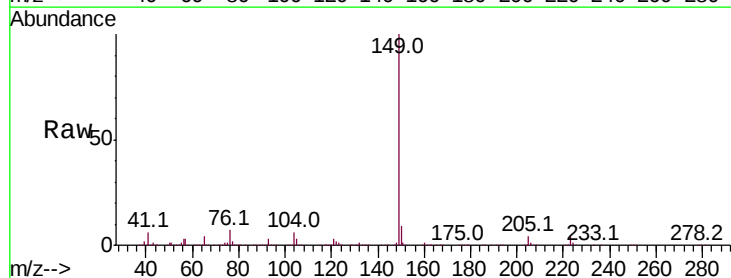
Tgt Ion:149 Resp: 1856044

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

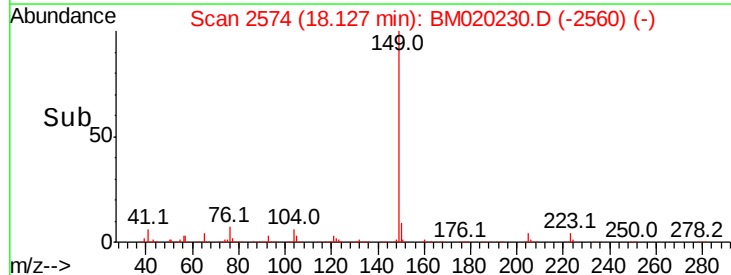
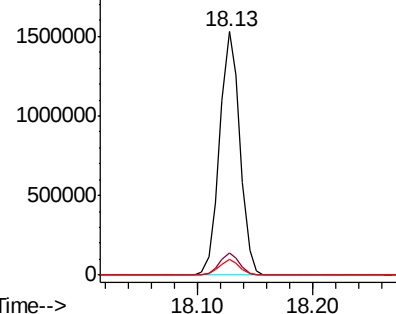
104 6.4 5.7 8.5

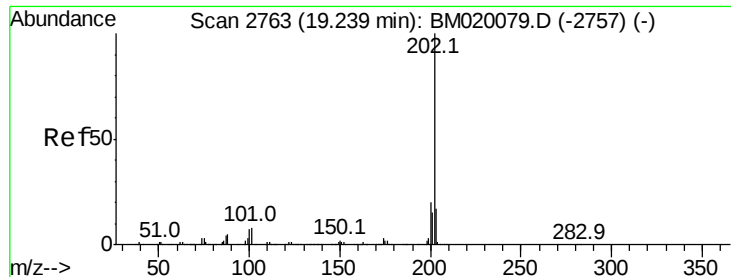


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.096 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

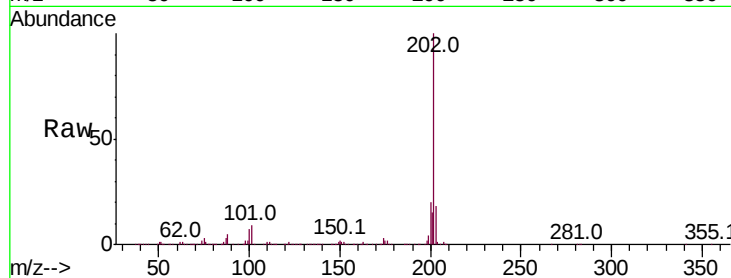
Tot Ion:202 Resp: 2123382

Ion Ratio Lower Upper

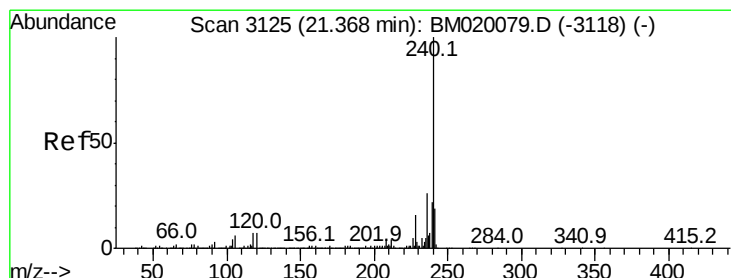
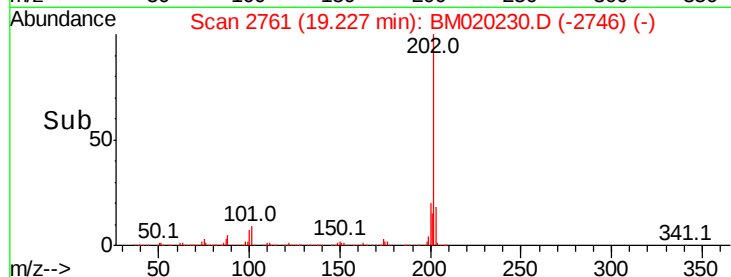
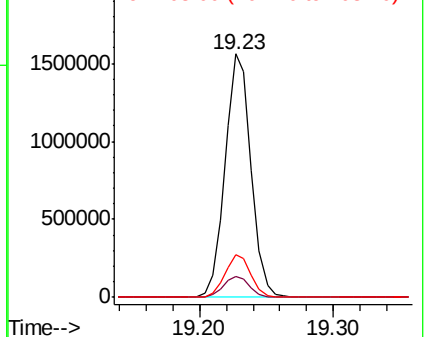
202 100

101 8.8 0.0 28.4

203 17.7 0.0 37.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

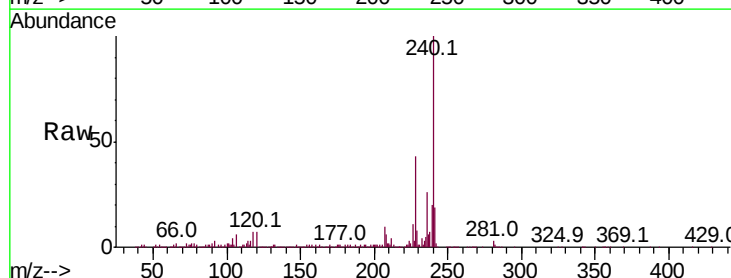
Tgt Ion:240 Resp: 747582

Ion Ratio Lower Upper

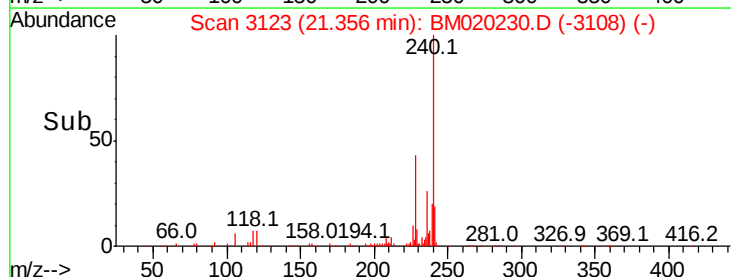
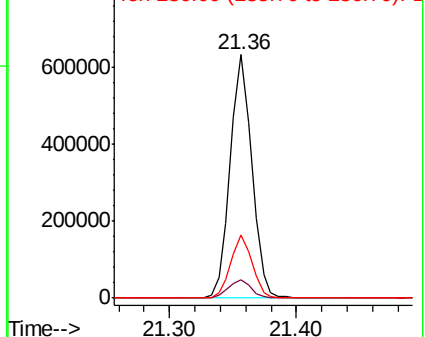
240 100

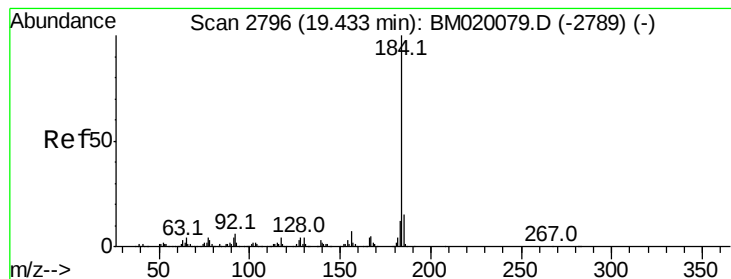
120 7.3 5.6 8.4

236 25.9 20.9 31.3



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: 42.450 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

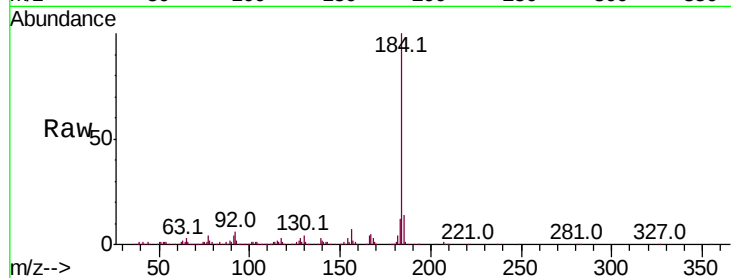
Tot Ion:184 Resp: 1014576

Ion Ratio Lower Upper

184 100

185 14.1 12.0 18.0

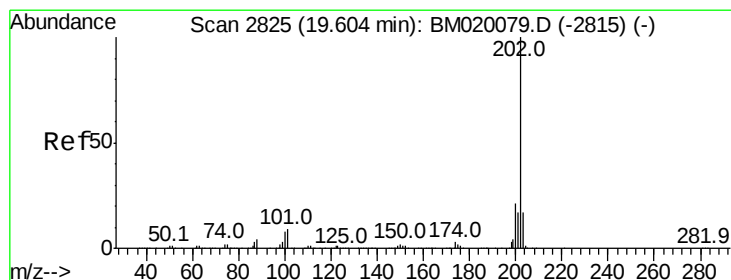
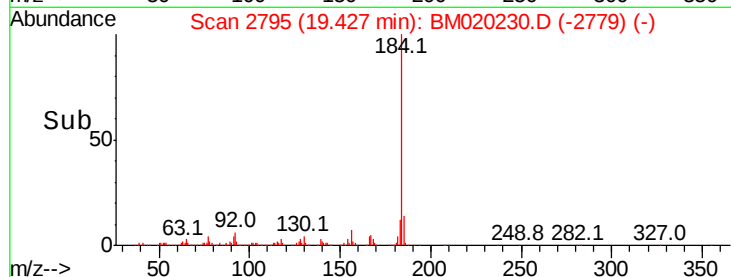
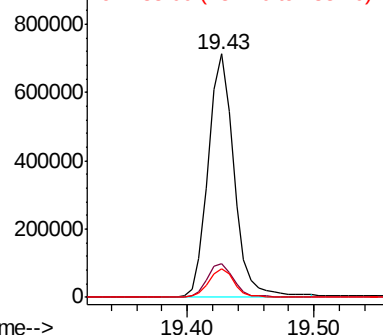
183 11.8 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.994 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

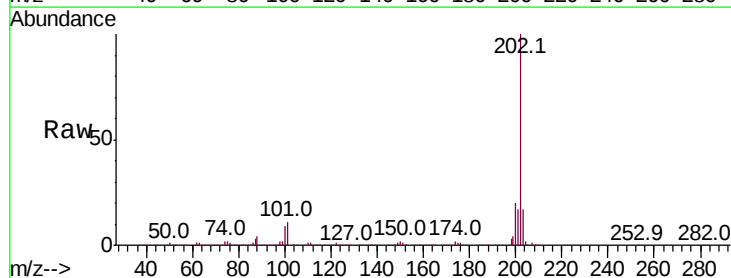
Tgt Ion:202 Resp: 2208123

Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

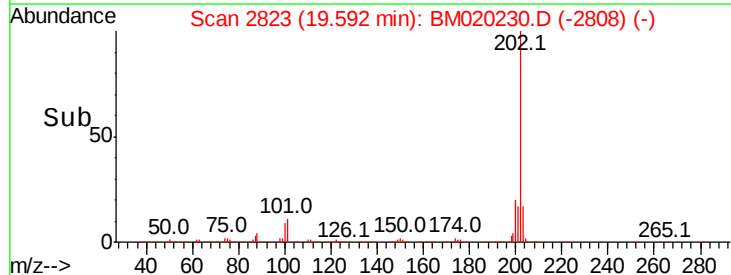
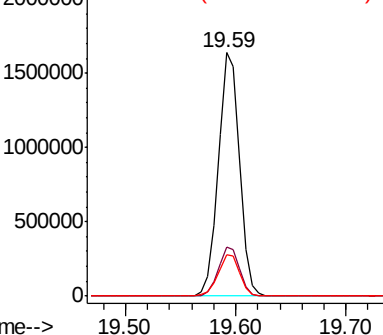
203 17.2 13.9 20.9

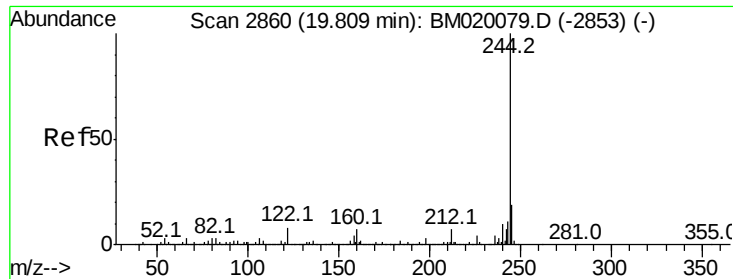


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.381 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

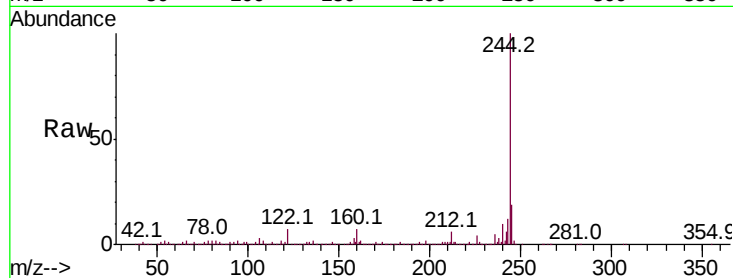
Tot Ion:244 Resp: 3659468

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

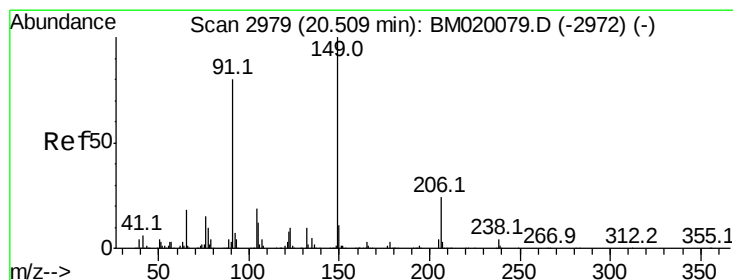
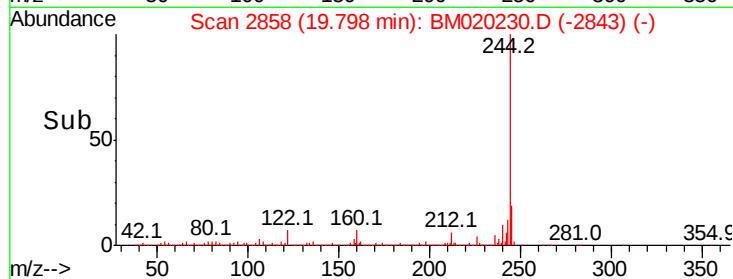
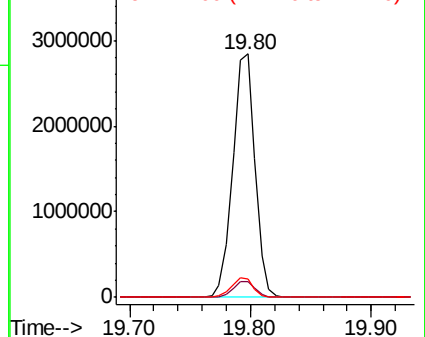
122 7.4 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.233 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

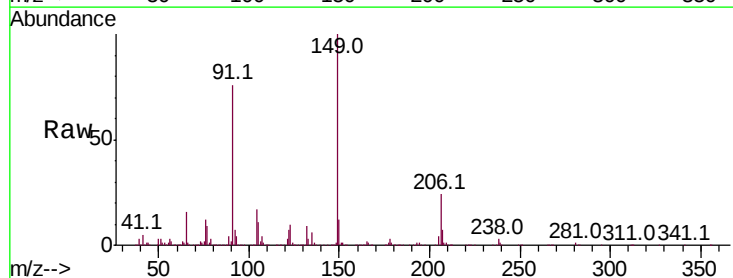
Tgt Ion:149 Resp: 862113

Ion Ratio Lower Upper

149 100

91 75.6 63.8 95.8

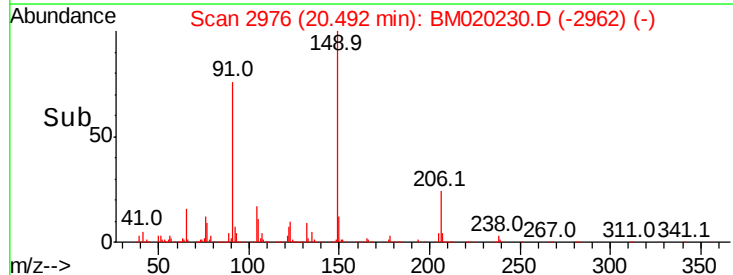
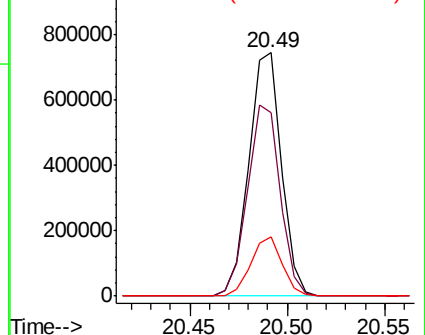
206 24.3 18.9 28.3

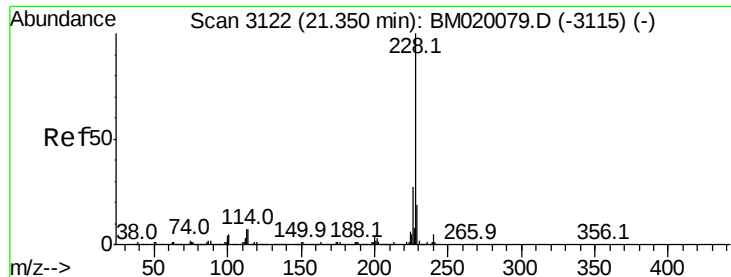


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.244 ng

RT: 21.34 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

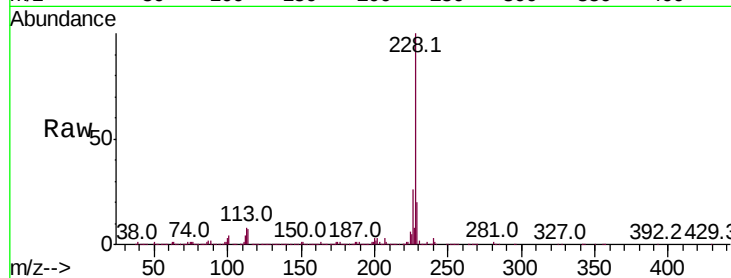
Tot Ion:228 Resp: 2319617

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	19.7	15.5	23.3

228 100

226 26.2 21.3 31.9

229 19.7 15.5 23.3

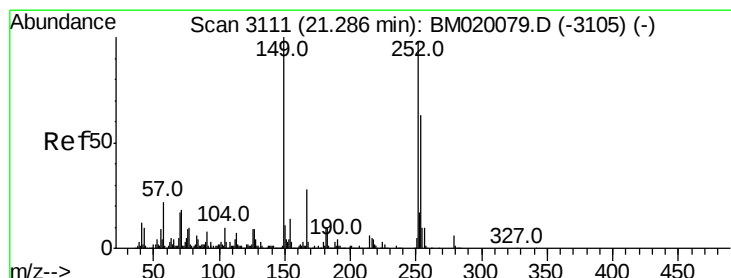
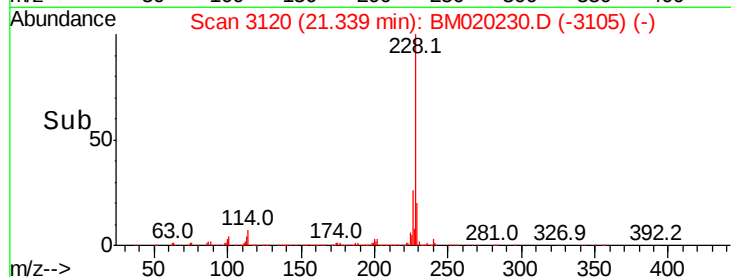
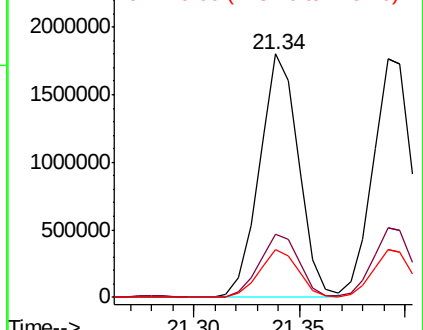


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.733 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

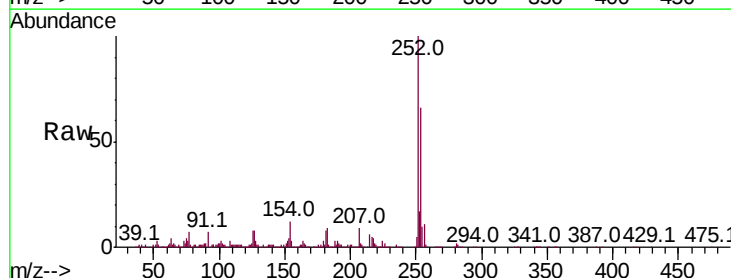
Tgt Ion:252 Resp: 915121

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.1	76.7
126	8.2	7.1	10.7

252 100

254 65.7 51.1 76.7

126 8.2 7.1 10.7

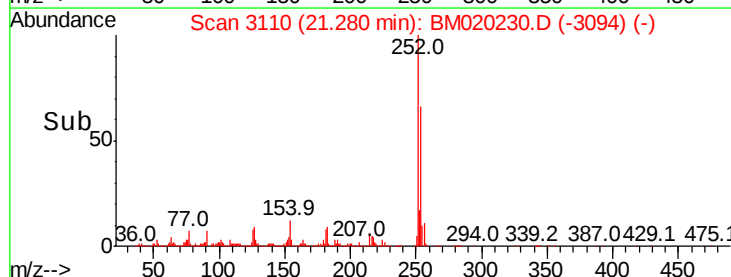
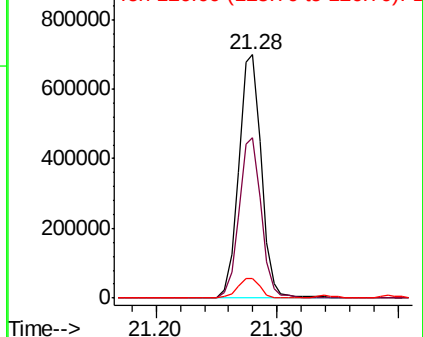


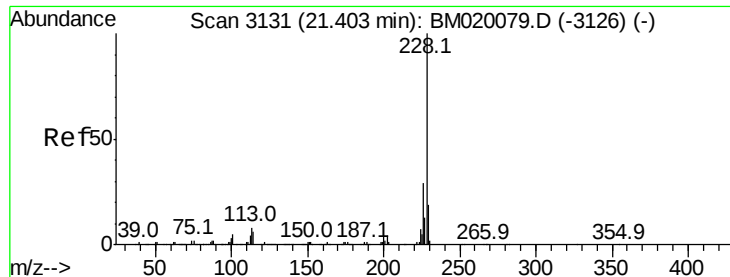
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.357 ng

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

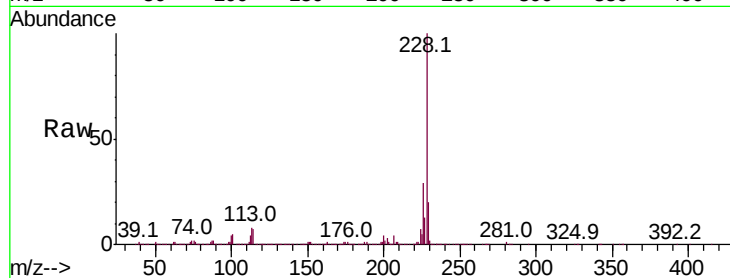
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2255393

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	19.9	15.5	23.3

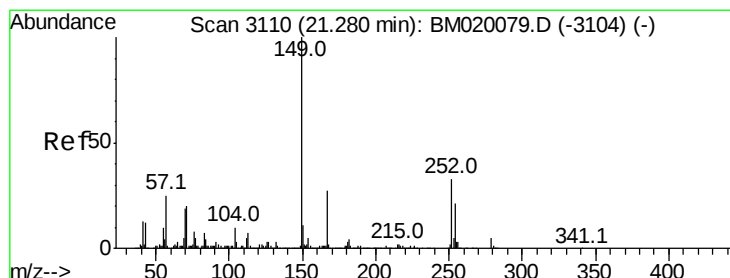
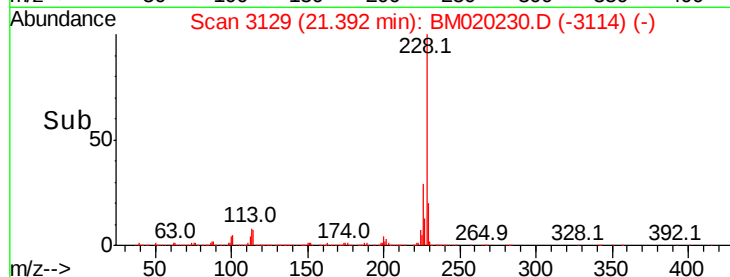
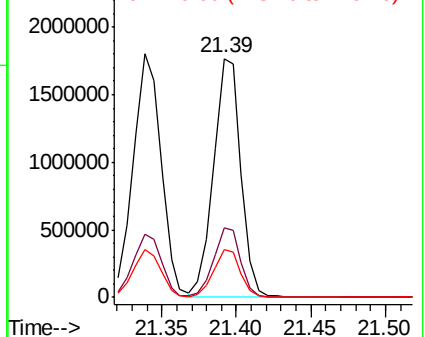


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.508 ng

RT: 21.26 min Scan# 3106

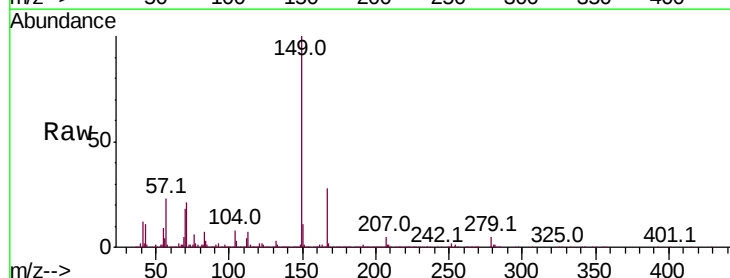
Delta R.T. -0.02 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Tgt Ion:149 Resp: 1232257

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	5.5	4.2	6.2

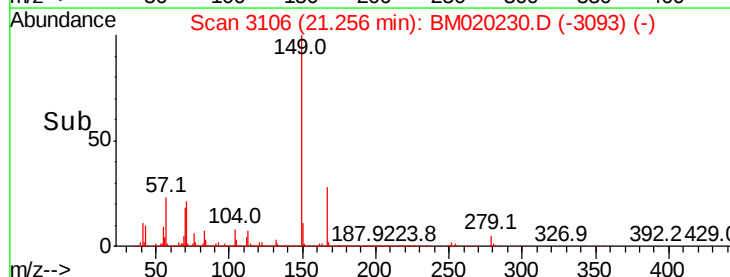
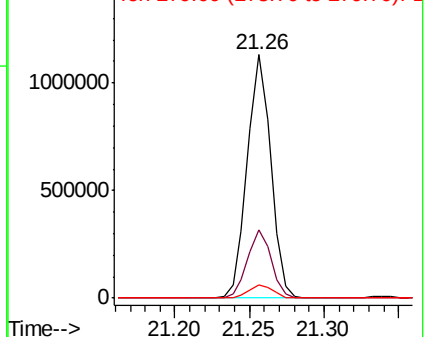


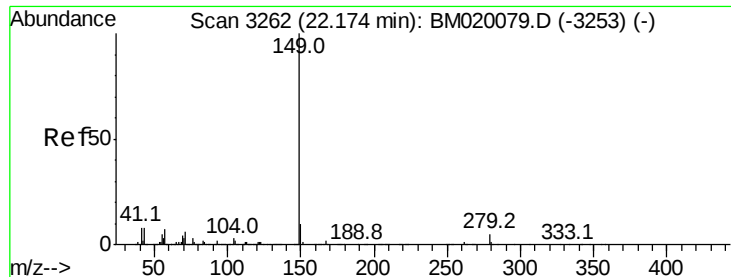
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.976 ng

RT: 22.14 min Scan# 3257

Delta R.T. -0.03 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

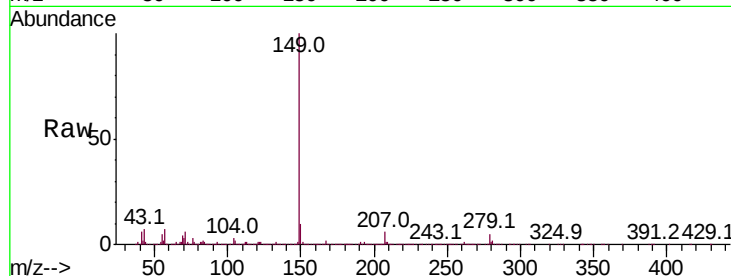
Tot Ion:149 Resp: 2164272

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

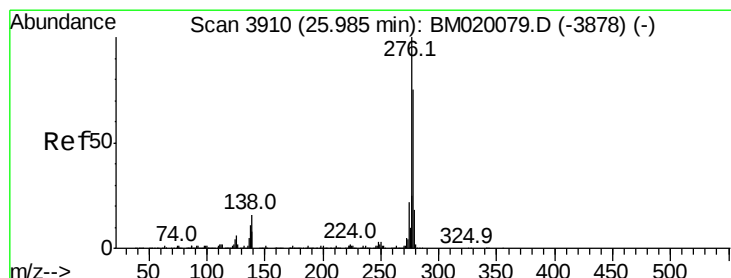
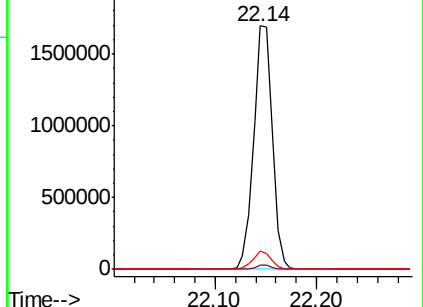
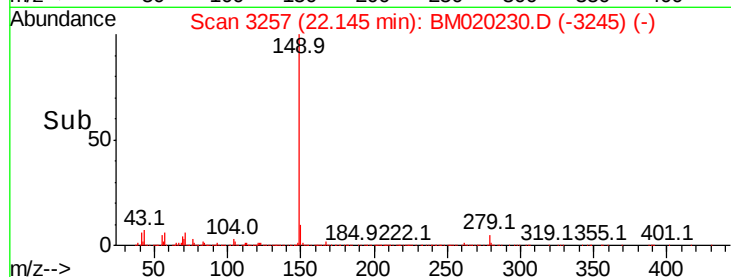
43 7.0 6.5 9.7



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: 50.246 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

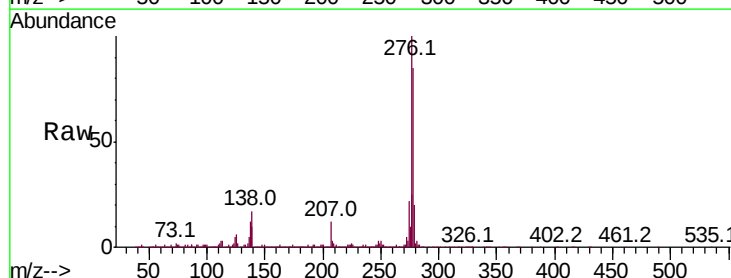
Tgt Ion:276 Resp: 3038881

Ion Ratio Lower Upper

276 100

138 16.6 0.0 0.0#

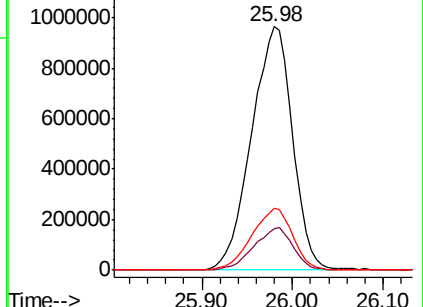
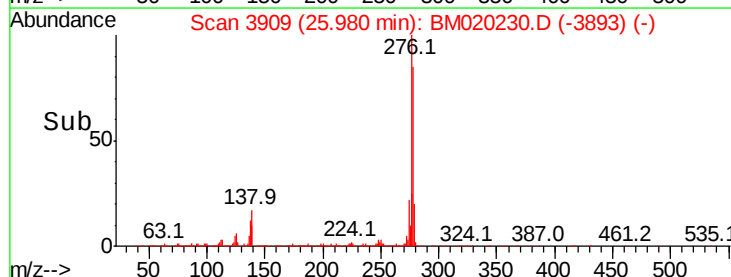
277 25.1 0.0 0.0#

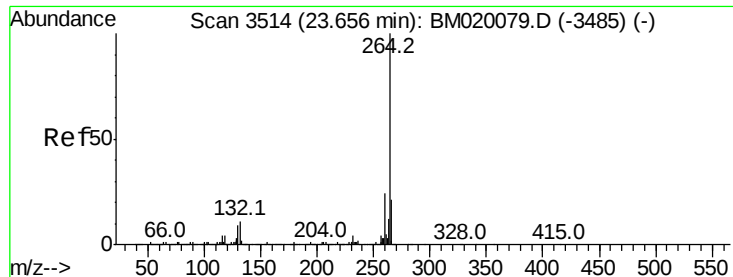


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

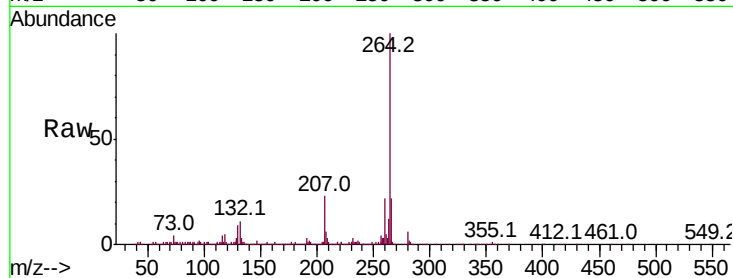
Tot Ion:264 Resp: 906797

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

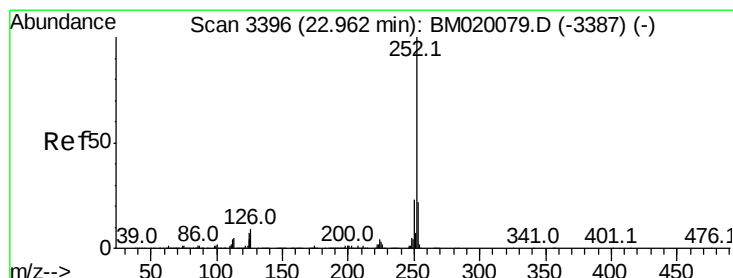
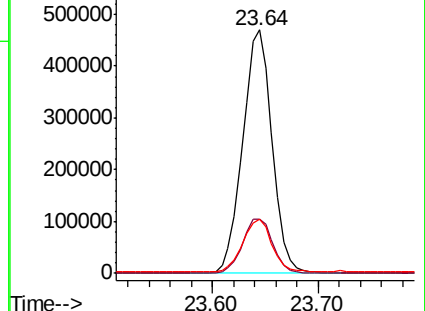
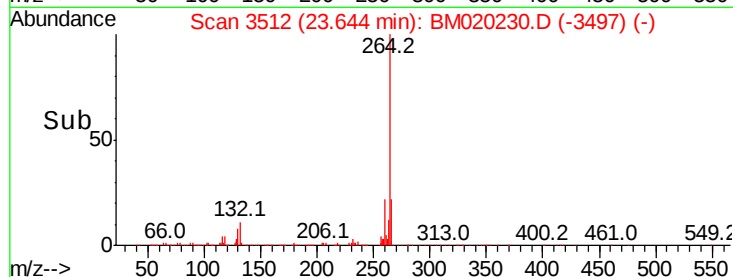
265 22.3 16.9 25.3



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: 41.400 ng

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

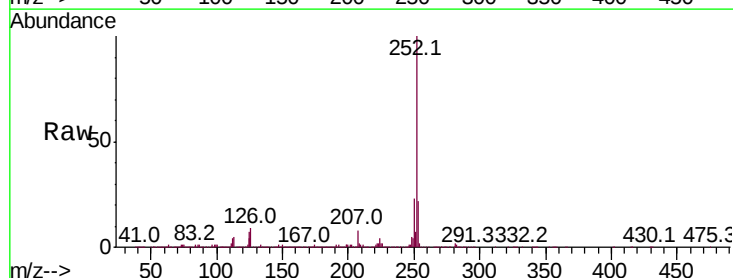
Tgt Ion:252 Resp: 2479029

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

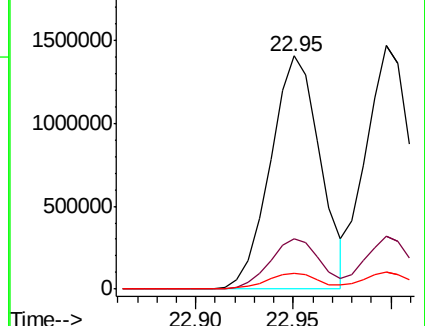
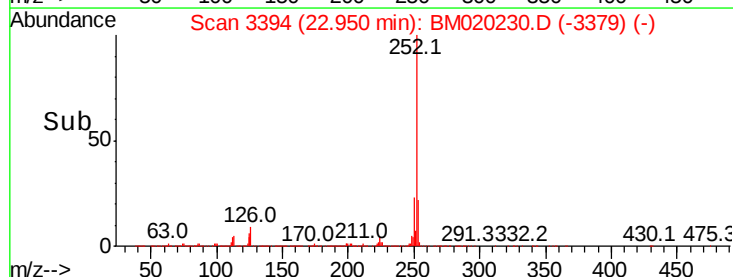
125 6.5 5.4 8.2

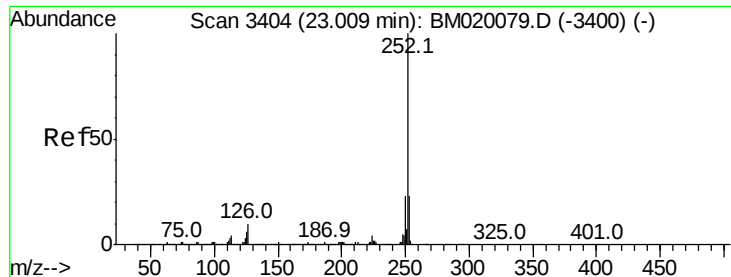


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.770 ng

RT: 23.00 min Scan# 3402

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

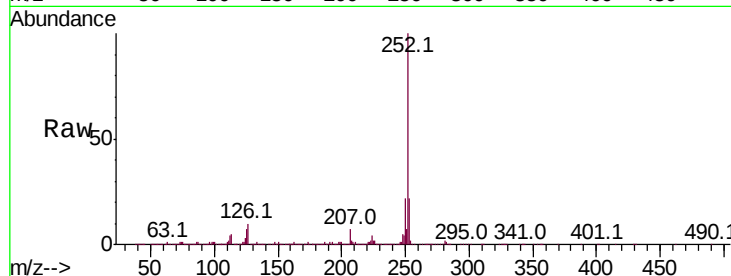
Tot Ion:252 Resp: 2336157

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

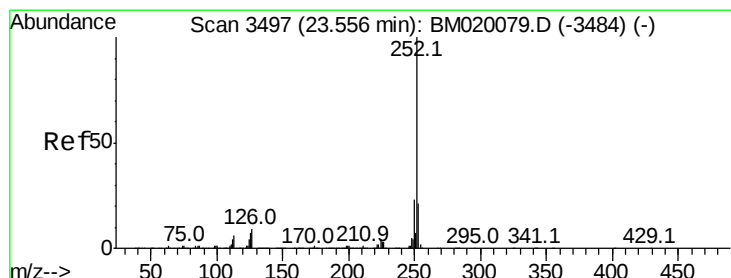
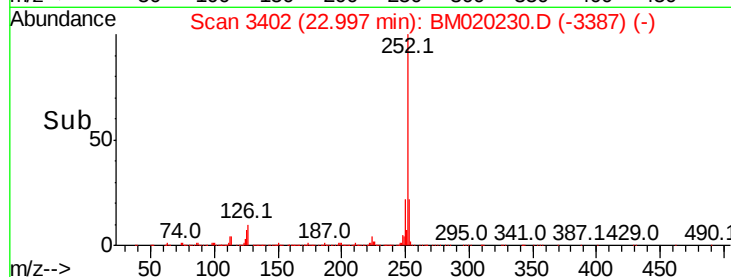
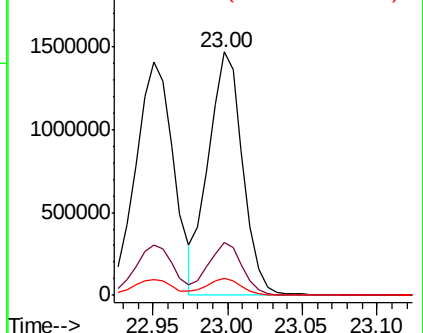
125 7.0 5.4 8.0



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



#90

Benzo(a)pyrene

Concen: 43.496 ng

RT: 23.54 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

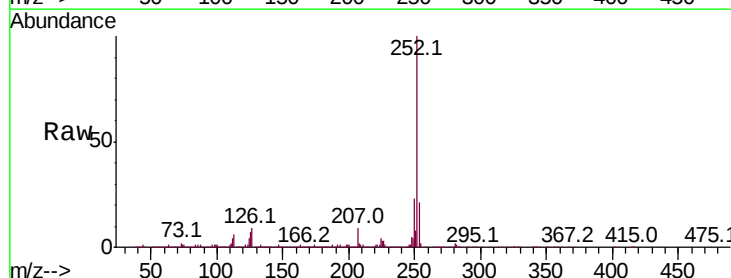
Tgt Ion:252 Resp: 2365782

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

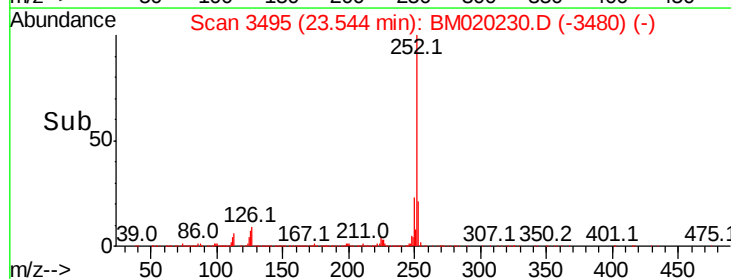
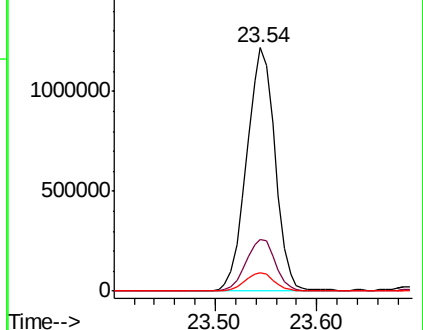
125 7.5 5.5 8.3

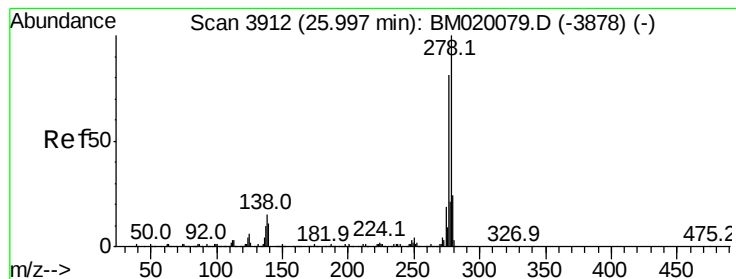


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.063 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

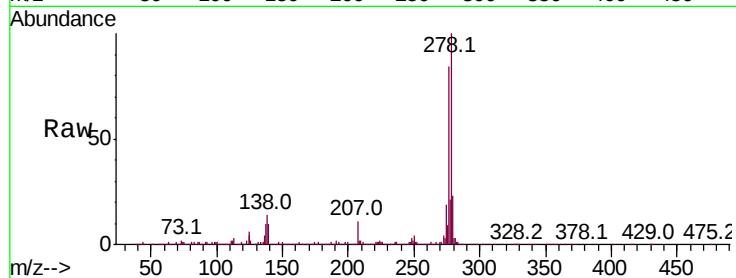
Tot Ion:278 Resp: 2548936

Ion Ratio Lower Upper

278 100

139 10.2 8.6 13.0

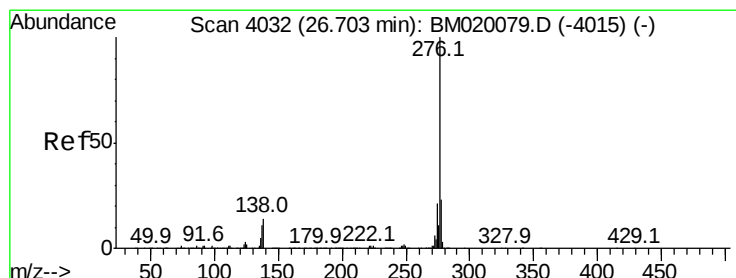
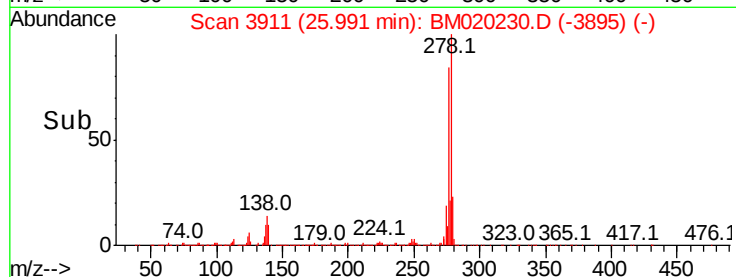
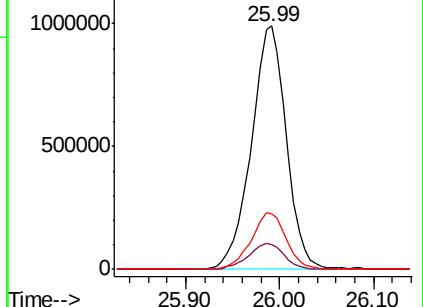
279 22.9 18.8 28.2



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: 45.573 ng

RT: 26.70 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM020230.D

Acq: 10 May 2019 06:36

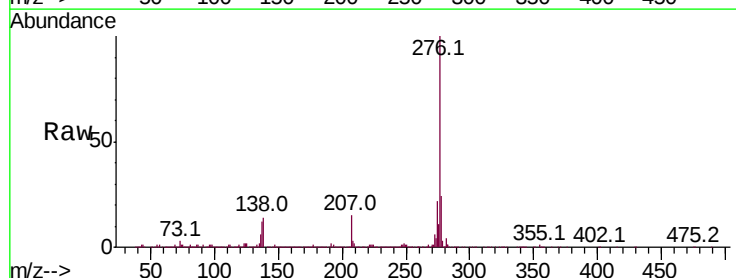
Tgt Ion:276 Resp: 2447365

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 14.2 11.1 16.7



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

