

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020214.D
 Acq On : 09 May 2019 13:15
 Operator : JU/SJ
 Sample : K2555-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 10 04:40:40 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	7.78	152	125205	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	430408	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	254858	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	605202	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	622577	20.00	ng	-0.01
87) Perylene-d12	23.64	264	712615	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	410917	53.65	ng	-0.01
7) Phenol-d6	6.95	99	327551	31.30	ng	0.00
23) Nitrobenzene-d5	8.95	82	964614	88.48	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	558739	141.24	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1872917	90.42	ng	-0.02
79) Terphenyl-d14	19.80	244	3366736	94.32	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	491	0.131	ng	# 73
3) Pyridine	3.69	79	487	0.051	ng	# 1
4) n-Nitrosodimethylamine	3.61	42	317	0.103	ng	# 1
6) Aniline	7.10	93	567	0.043	ng	# 38
9) Benzaldehyde	6.95	77	1928	0.243	ng	# 12
10) Phenol	6.96	94	1249	0.111	ng	# 1
11) bis(2-Chloroethyl)ether	7.20	93	177	0.022	ng	# 20
15) Benzyl Alcohol	8.03	79	636	0.063	ng	# 51
22) Acetophenone	8.60	105	132	0.011	ng	# 4
24) Nitrobenzene	9.02	77	350	0.031	ng	# 50
25) Isophorone	9.53	82	1194	0.064	ng	# 70
28) bis(2-Chloroethoxy)methane	10.00	93	128	0.013	ng	# 50
38) 1-Methylnaphthalene	12.45	142	125	0.008	ng	# 93
46) 1,1'-Biphenyl	13.25	154	2581	0.123	ng	# 99
48) 2-Nitroaniline	13.52	65	108	0.018	ng	# 16
50) Dimethylphthalate	13.88	163	17942	0.828	ng	# 98
51) 2,6-Dinitrotoluene	13.94	165	266	0.058	ng	# 12
52) Acenaphthene	14.43	154	774	0.050	ng	# 4
60) Diethylphthalate	15.24	149	1483	0.068	ng	# 83
63) Azobenzene	15.77	77	168	0.007	ng	# 20
71) Phenanthrene	17.22	178	2428	0.073	ng	# 88
72) Anthracene	17.30	178	192	0.006	ng	# 61
73) Carbazole	17.58	167	264	0.009	ng	# 59
74) Di-n-butylphthalate	18.13	149	3569	0.098	ng	# 81
75) Fluoranthene	19.23	202	2523	0.060	ng	# 79
78) Pyrene	19.59	202	3027	0.072	ng	# 96
80) Butylbenzylphthalate	20.44	149	327	0.022	ng	# 89
81) Benzo(a)anthracene	21.34	228	4914	0.113	ng	# 82
82) 3,3'-Dichlorobenzidine	21.25	252	1178	0.071	ng	# 95
83) Chrysene	21.39	228	3560	0.084	ng	# 78
84) Bis(2-ethylhexyl)phthalate	21.26	149	2373	0.101	ng	# 87
85) Di-n-octyl phthalate	22.14	149	623	0.016	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.96	276	1210	0.024	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	6735	0.143	ng	# 1

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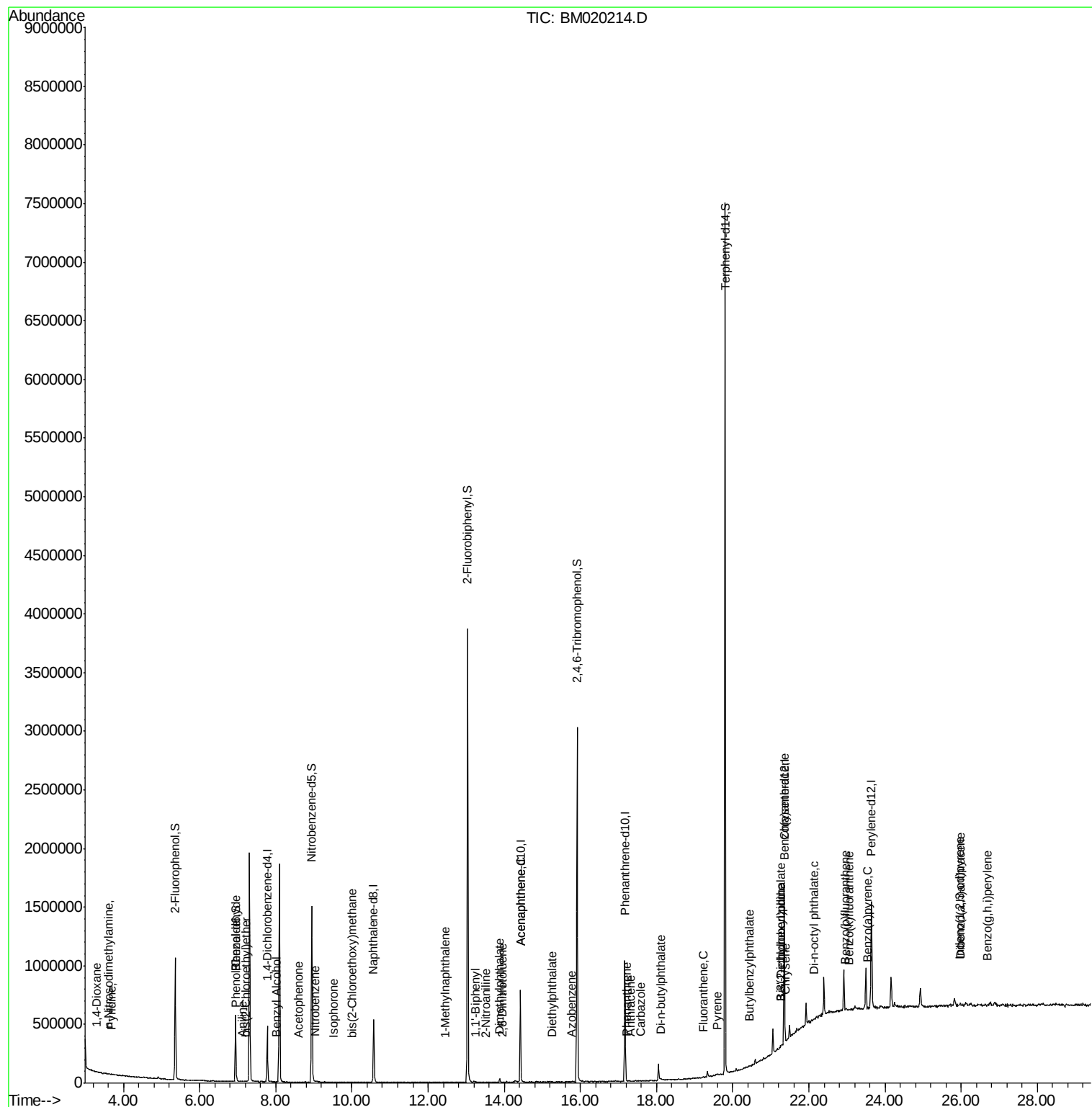
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	23.04	252	470	0.011	ng	# 1
90) Benzo(a)pyrene	23.54	252	312	0.007	ng	# 1
91) Dibenzo(a,h)anthracene	25.97	278	1017	0.023	ng	# 1
92) Benzo(g,h,i)perylene	26.69	276	712	0.017	ng	# 1

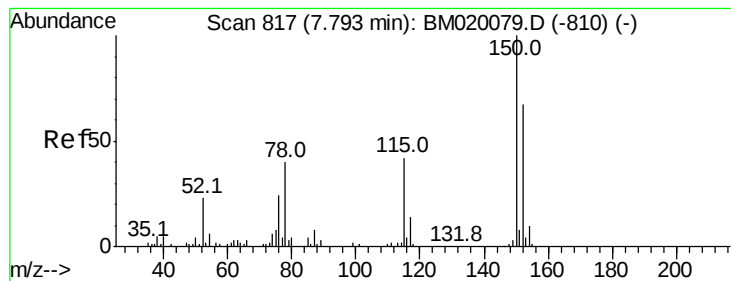
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.78 min Scan# 815

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

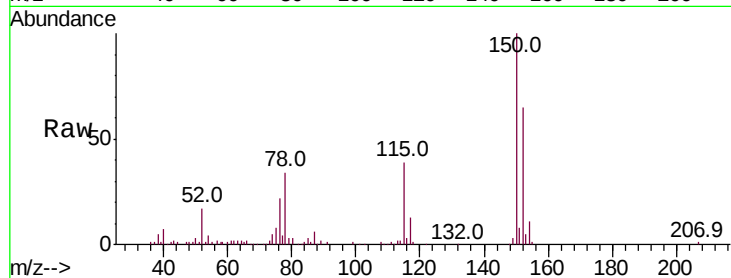
Tot Ion:152 Resp: 125205

Ion Ratio Lower Upper

152 100

150 153.7 119.8 179.8

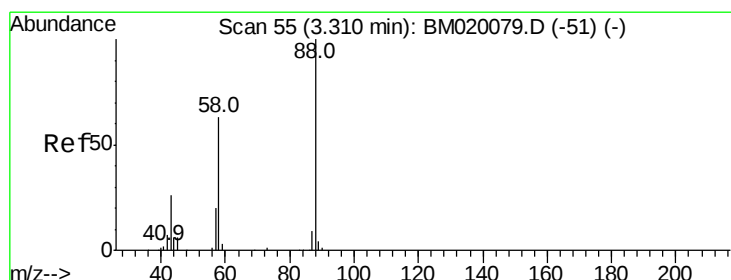
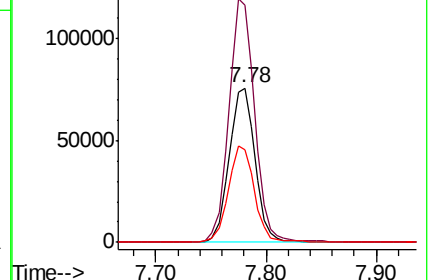
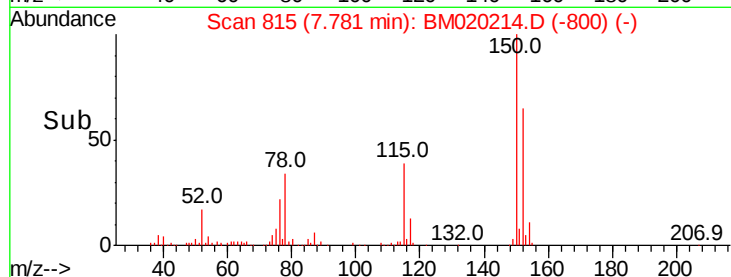
115 59.9 50.8 76.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.131 ng

RT: 3.31 min Scan# 55

Delta R.T. -0.00 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

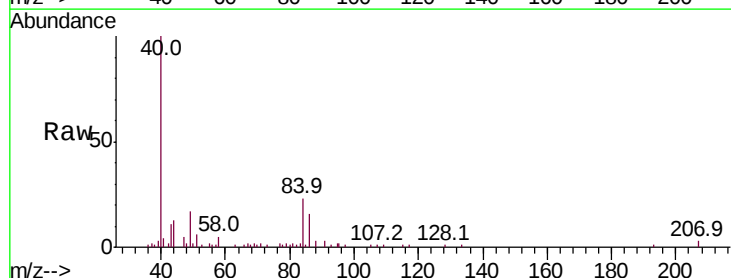
Tgt Ion: 88 Resp: 491

Ion Ratio Lower Upper

88 100

58 78.2 51.8 77.6#

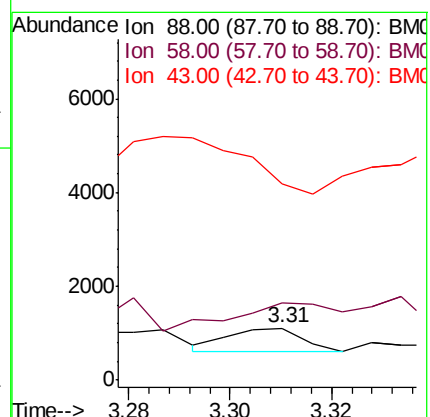
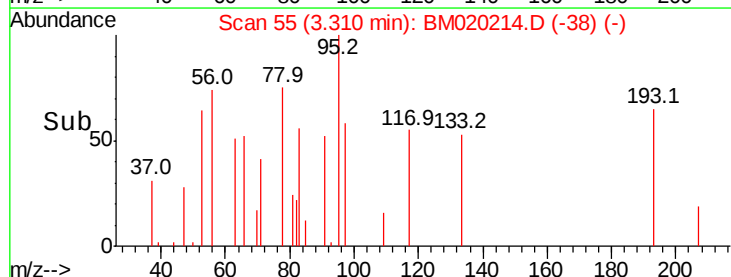
43 0.0 20.3 30.5#

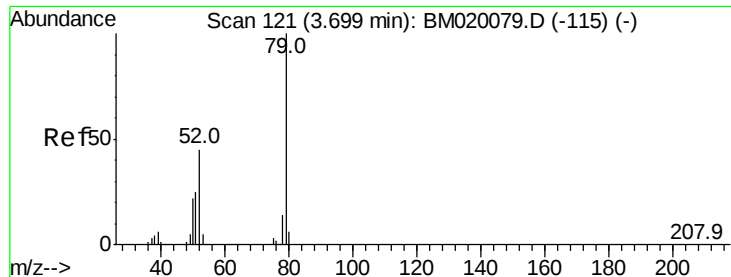


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

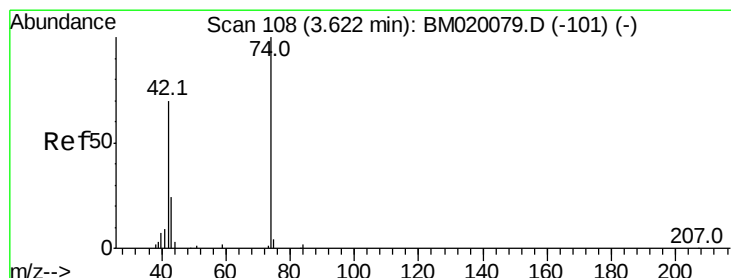
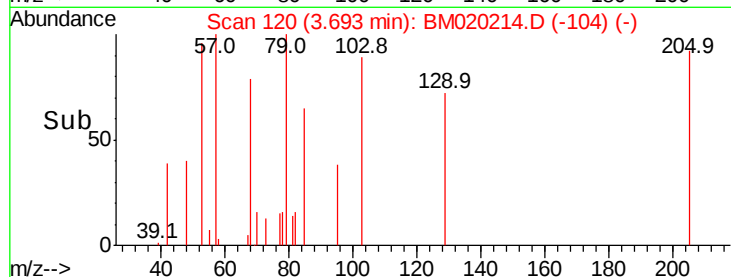
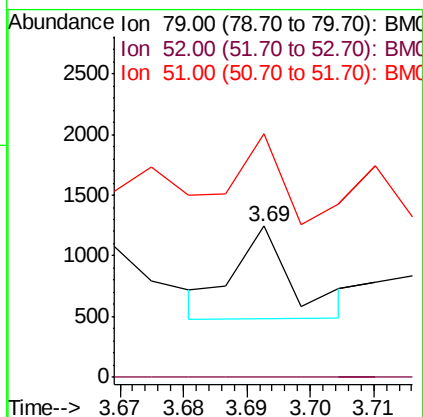
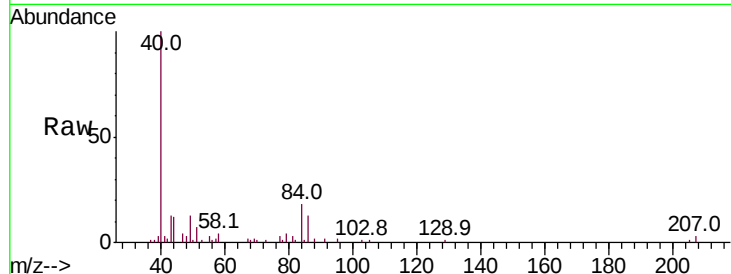




#3
 Pvridine
 Concen: 0.051 ng
 RT: 3.69 min Scan# 120
 Delta R.T. -0.01 min
 Lab File: BM020214.D
 Acq: 09 May 2019 13:15

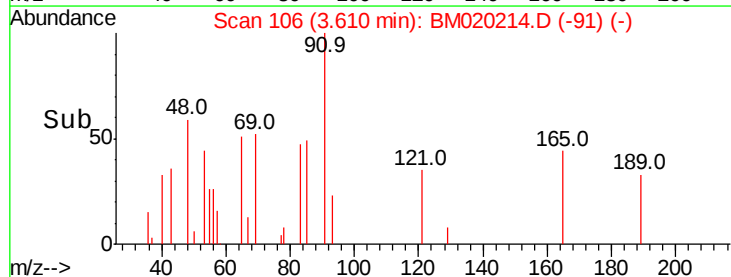
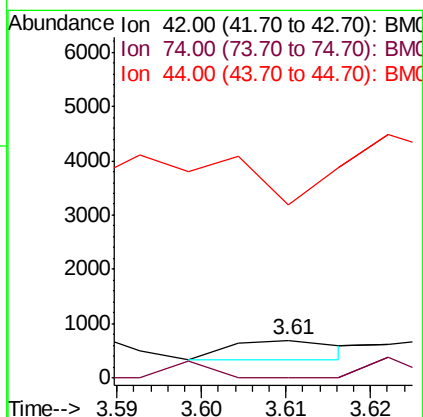
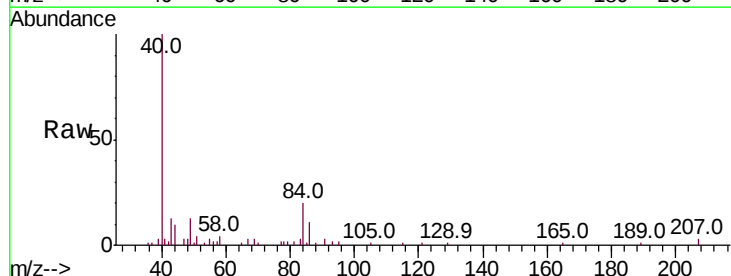
Instrument :
 BNA_M
 ClientSampled :

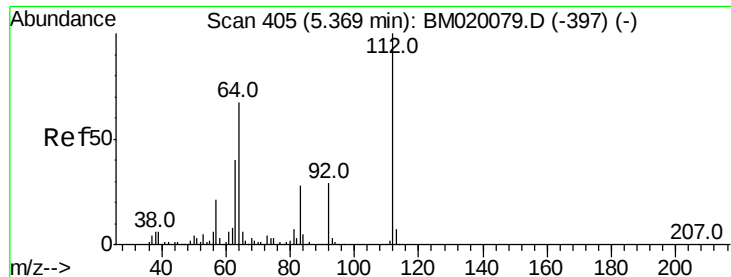
Tot Ion: 79 Resp: 487
 Ion Ratio Lower Upper
 79 100
 52 0.0 35.7 53.5#
 51 161.0 20.8 31.2#



#4
 n-Nitrosodimethylamine
 Concen: 0.103 ng
 RT: 3.61 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BM020214.D
 Acq: 09 May 2019 13:15

Tgt Ion: 42 Resp: 317
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.7 170.5#
 44 456.0 3.9 5.9#





#5

2-Fluorophenol

Concen: 53.647 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

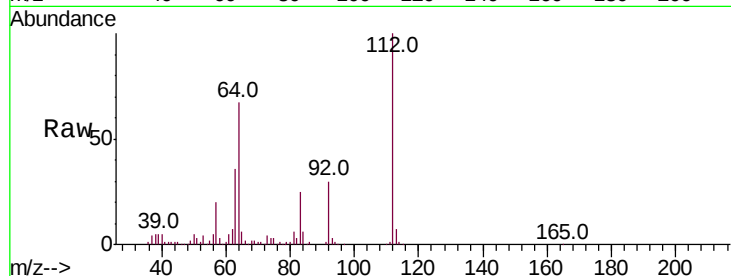
Tot Ion:112 Resp: 410917

Ion Ratio Lower Upper

112 100

64 66.8 53.8 80.6

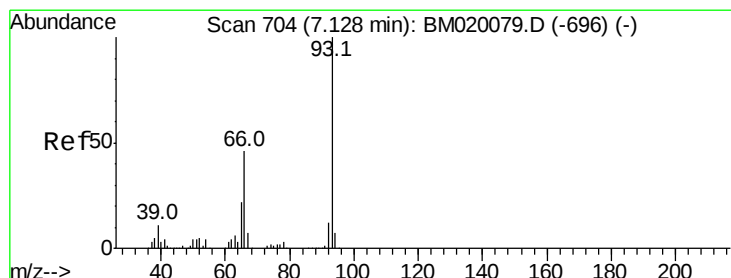
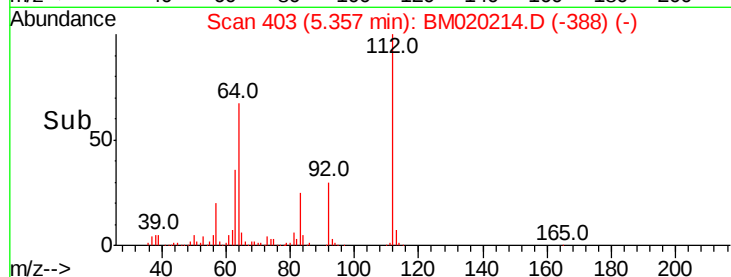
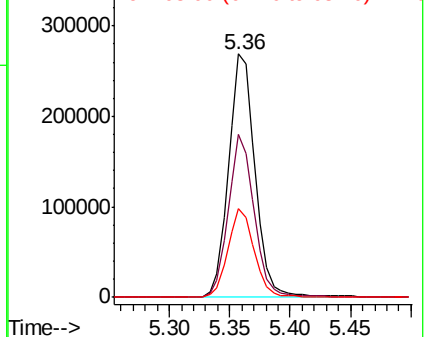
63 36.3 32.3 48.5



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: 0.043 ng

RT: 7.10 min Scan# 700

Delta R.T. -0.02 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

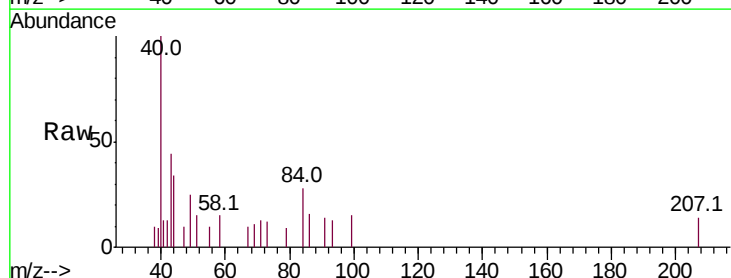
Tgt Ion: 93 Resp: 567

Ion Ratio Lower Upper

93 100

66 0.0 36.6 54.8#

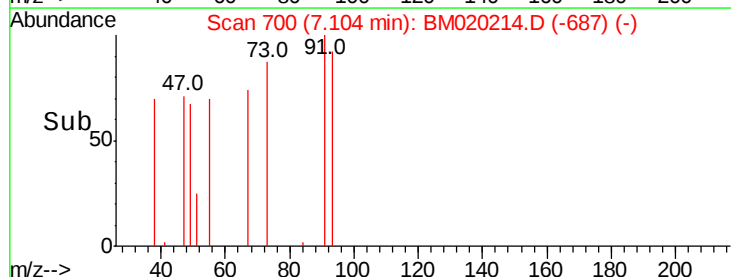
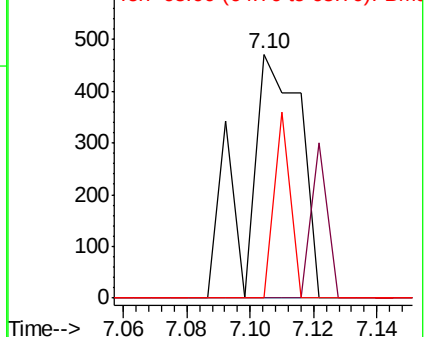
65 0.0 17.8 26.6#

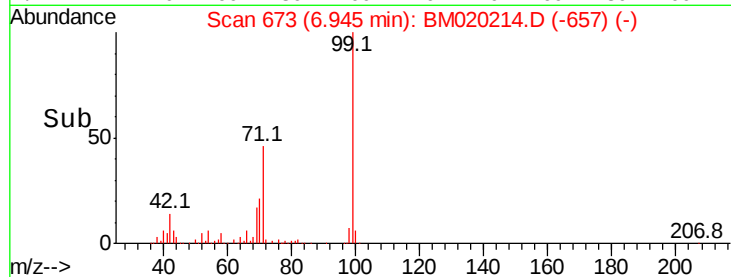
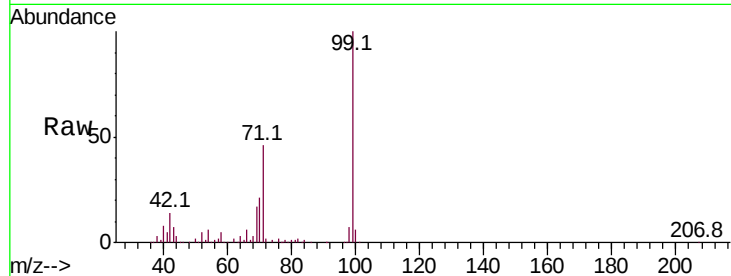
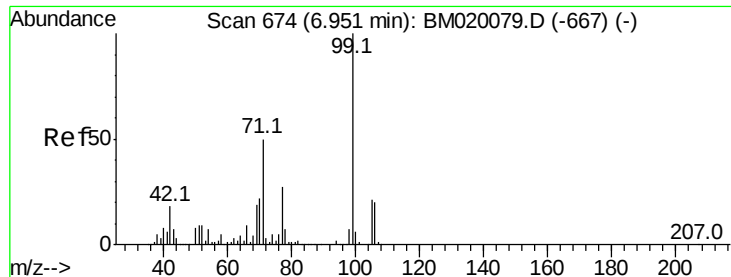


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 31.302 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampled :

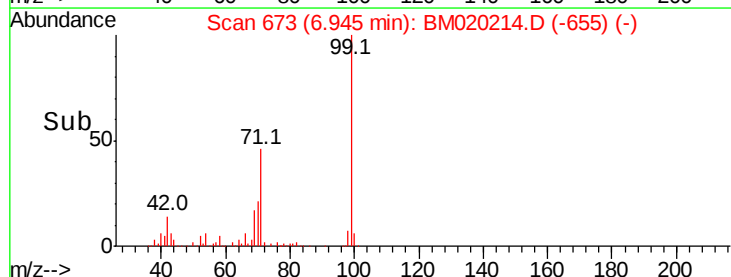
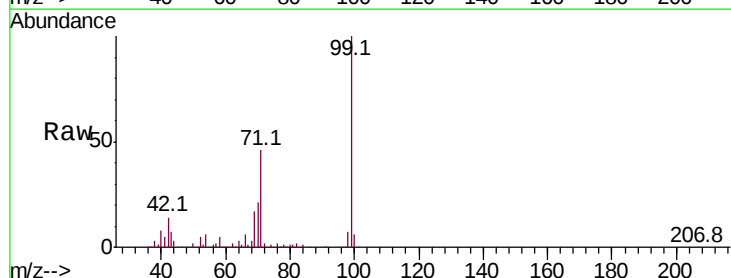
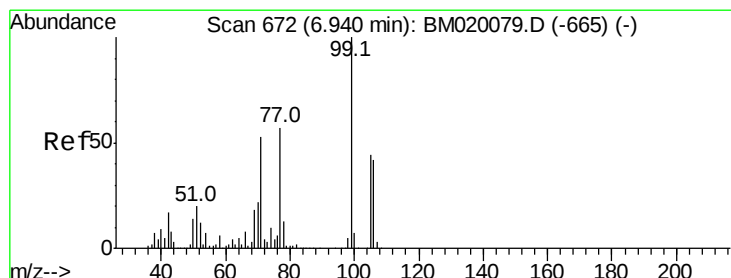
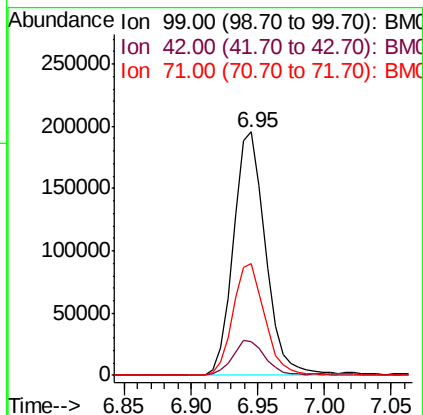
Tot Ion: 99 Resp: 327551

Ion Ratio Lower Upper

99 100

42 13.7 14.2 21.2#

71 46.0 40.3 60.5



#9

Benzaldehyde

Concen: 0.243 ng

RT: 6.95 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

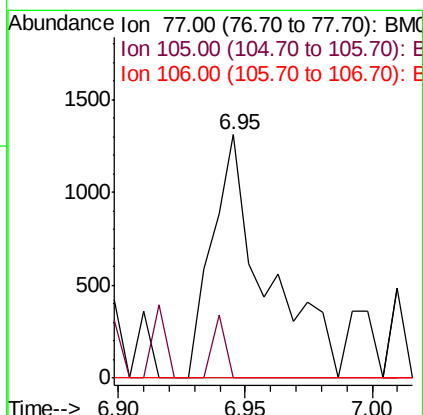
Tgt Ion: 77 Resp: 1928

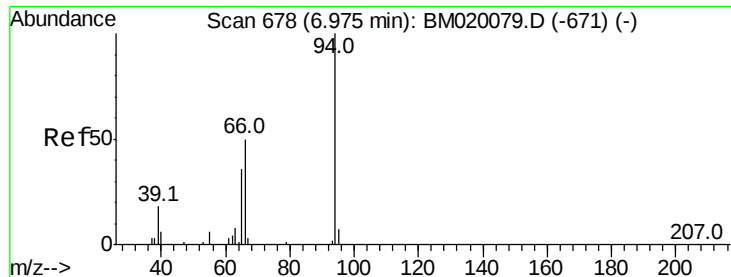
Ion Ratio Lower Upper

77 100

105 0.0 57.8 97.8#

106 0.0 53.6 93.6#





#10

Phenol

Concen: 0.111 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

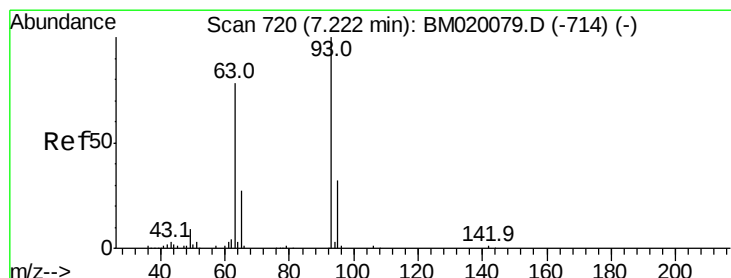
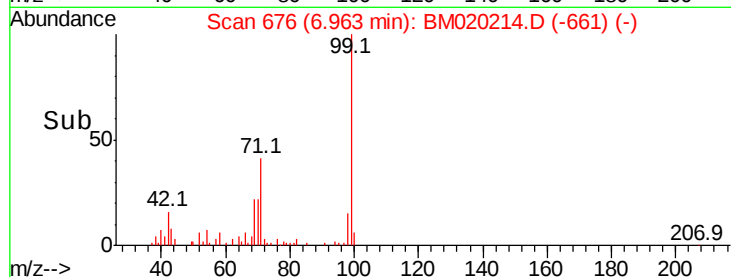
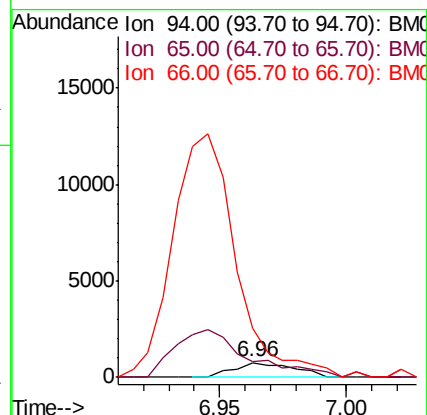
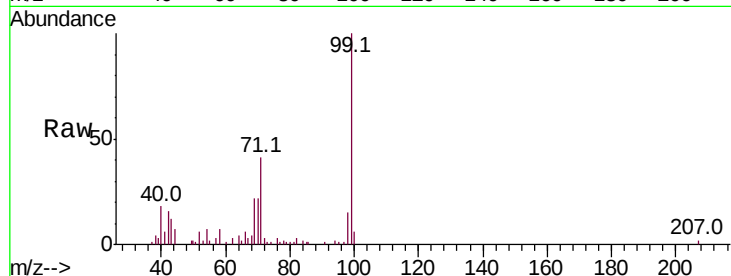
Tot Ion: 94 Resp: 1249

Ion Ratio Lower Upper

94 100

65 103.9 17.0 57.0#

66 331.1 34.5 74.5#



#11

bis(2-Chloroethyl)ether

Concen: 0.022 ng

RT: 7.20 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

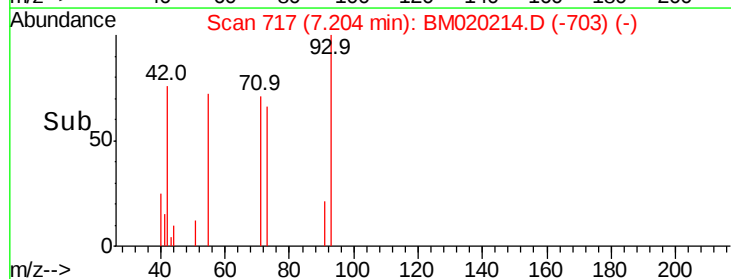
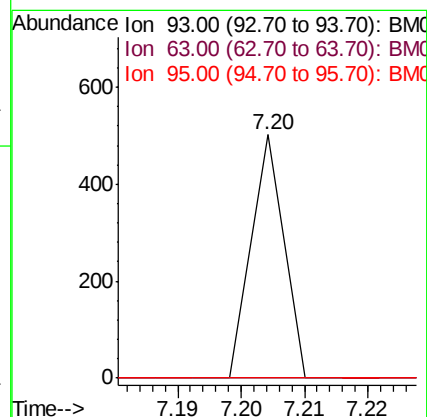
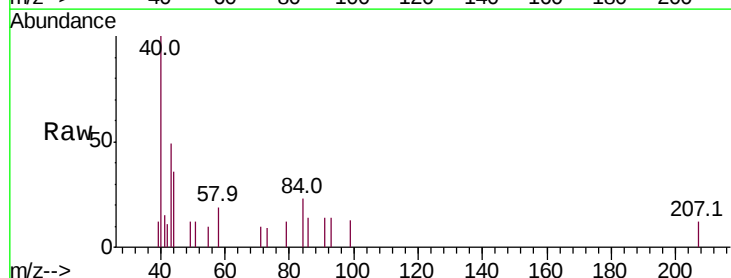
Tgt Ion: 93 Resp: 177

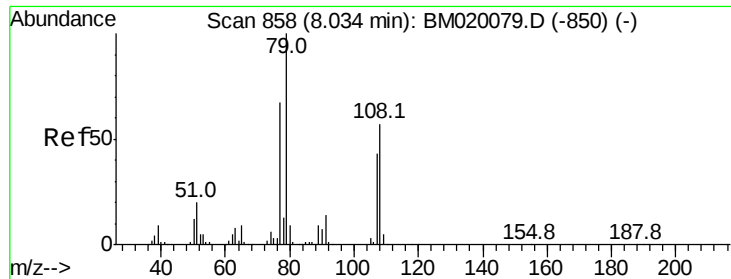
Ion Ratio Lower Upper

93 100

63 0.0 57.9 97.9#

95 0.0 11.3 51.3#





#15

Benzyl Alcohol

Concen: 0.063 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampled :

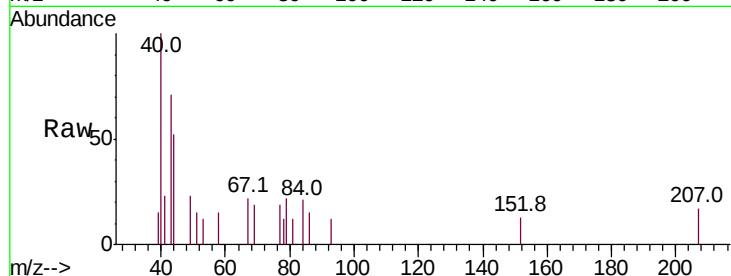
Tot Ion: 79 Resp: 636

Ion Ratio Lower Upper

79 100

108 0.0 46.0 69.0#

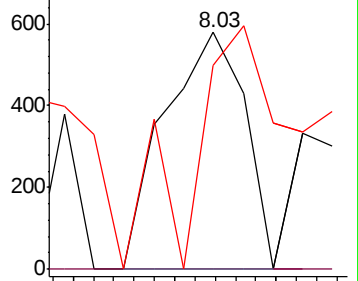
77 86.2 53.8 80.6#



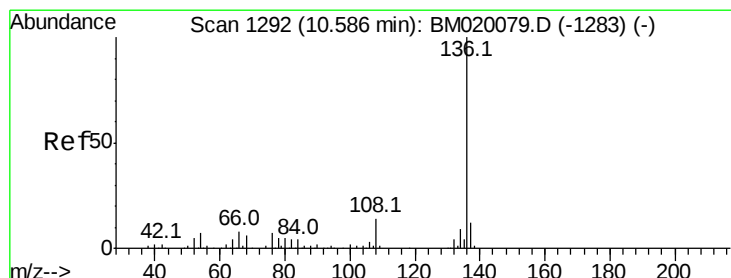
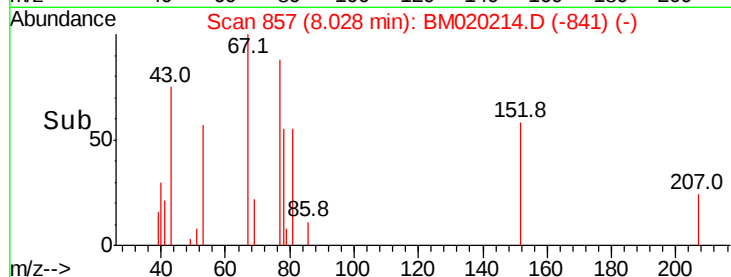
Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-850) (-)

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

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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Tgt Ion: 136 Resp: 430408

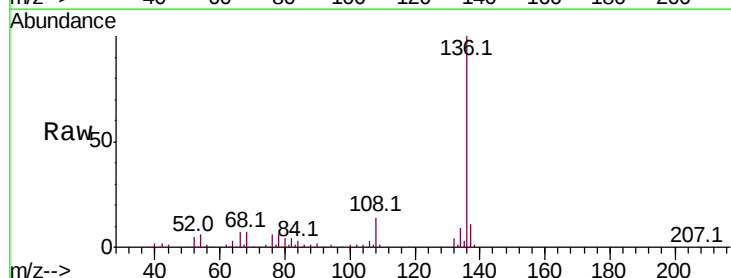
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 6.1 5.5 8.3

68 6.7 4.6 6.8

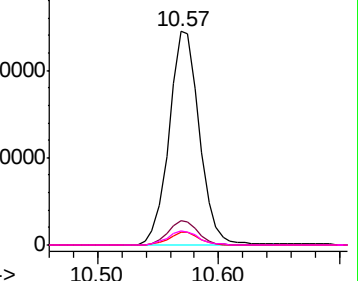


Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

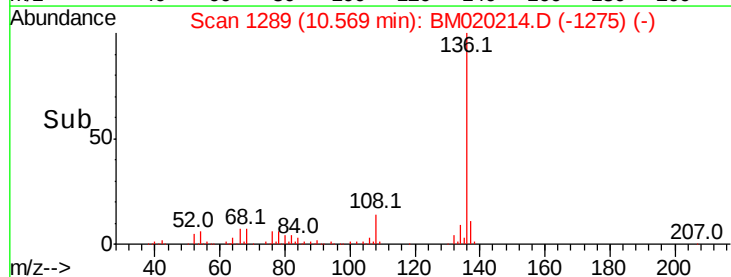
Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

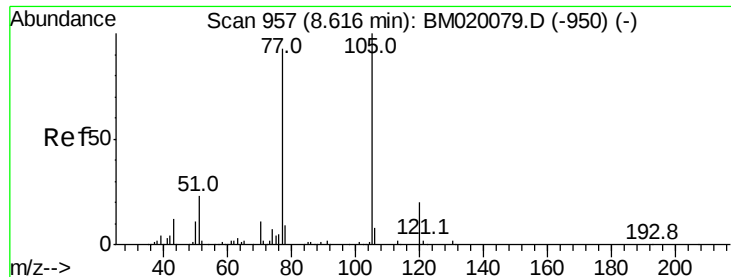
Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)



Time-->





#22

Acetophenone

Concen: 0.011 ng

RT: 8.60 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

Tot Ion:105 Resp: 132

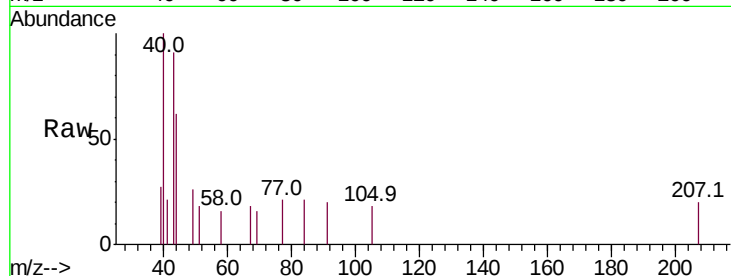
Ion Ratio Lower Upper

105 100

71 0.0 2.2 3.2#

51 97.9 19.3 28.9#

120 0.0 16.2 24.4#



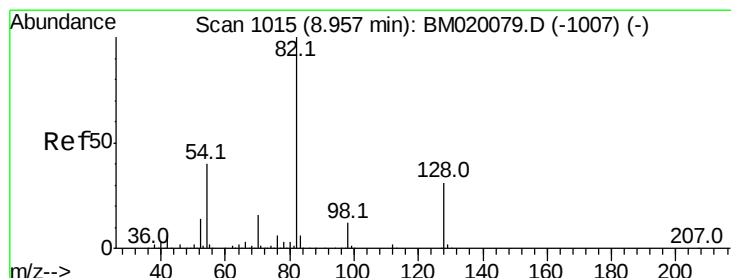
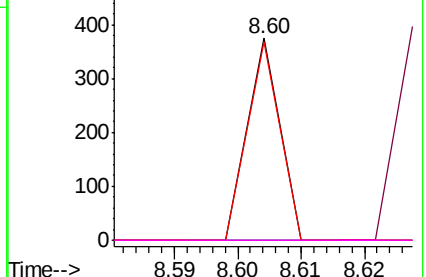
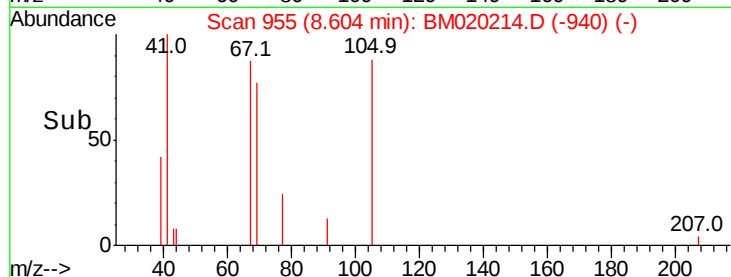
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 88.481 ng

RT: 8.95 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

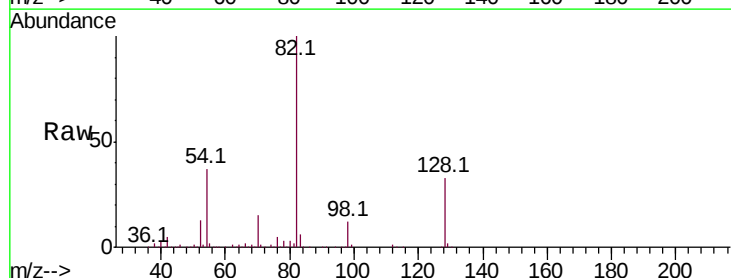
Tgt Ion: 82 Resp: 964614

Ion Ratio Lower Upper

82 100

128 33.0 25.2 37.8

54 37.4 31.9 47.9

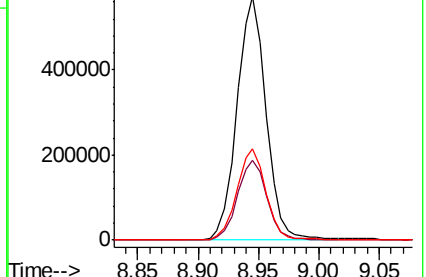
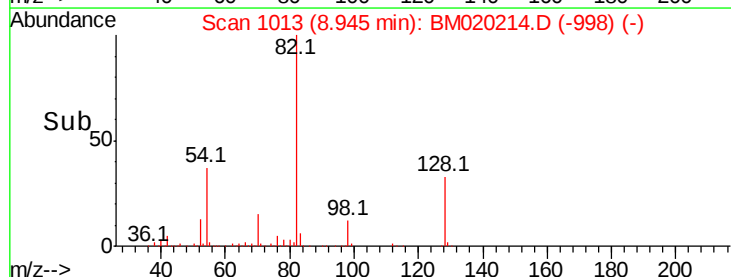


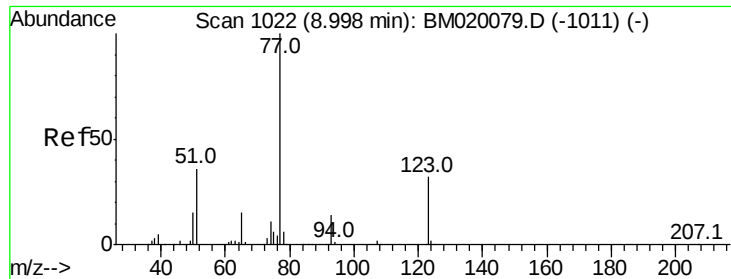
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

Time-->

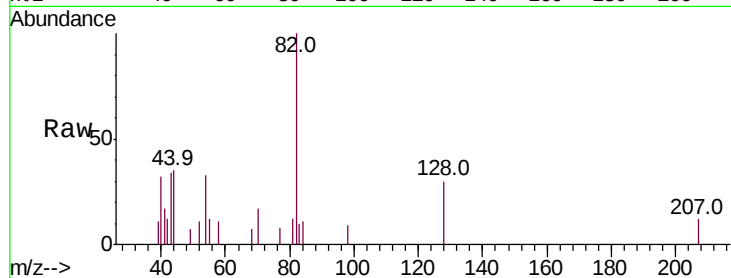




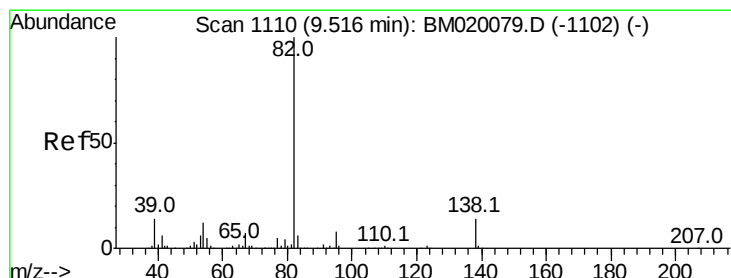
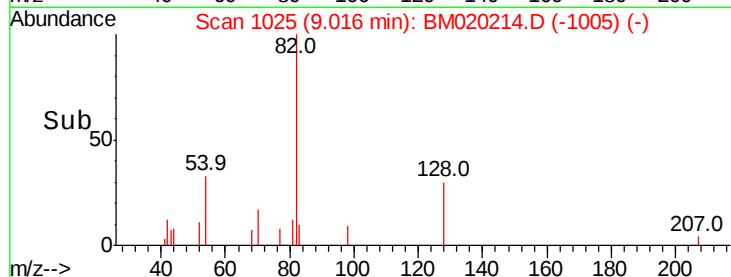
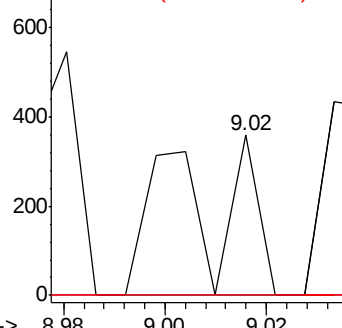
#24
Nitrobenzene
Concen: 0.031 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.02 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 350
Ion Ratio Lower Upper
77 100
123 0.0 25.5 38.3#
65 0.0 11.8 17.6#

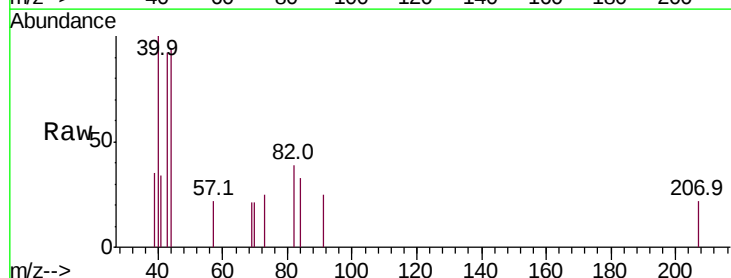


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0

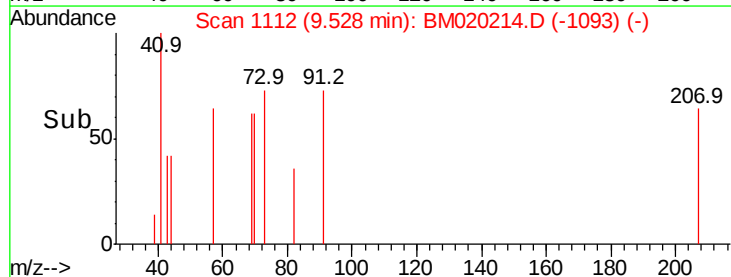
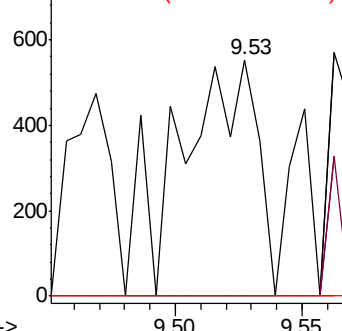


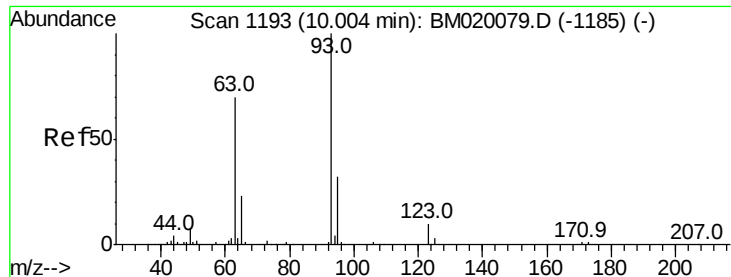
#25
Isophorone
Concen: 0.064 ng
RT: 9.53 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Tgt Ion: 82 Resp: 1194
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 11.1 16.7#



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

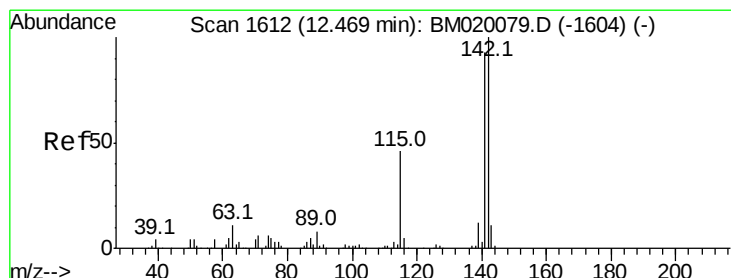
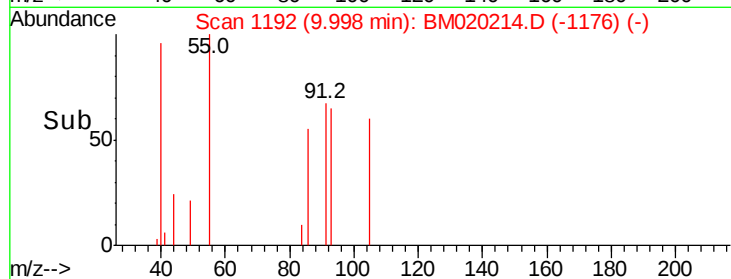
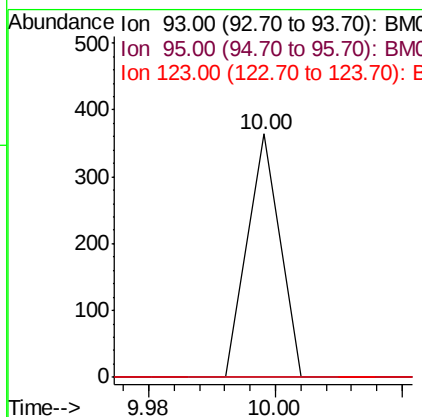
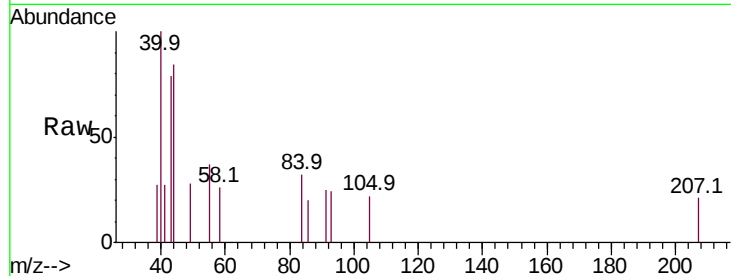




#28
bis(2-Chloroethoxy)methane
Concen: 0.013 ng
RT: 10.00 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

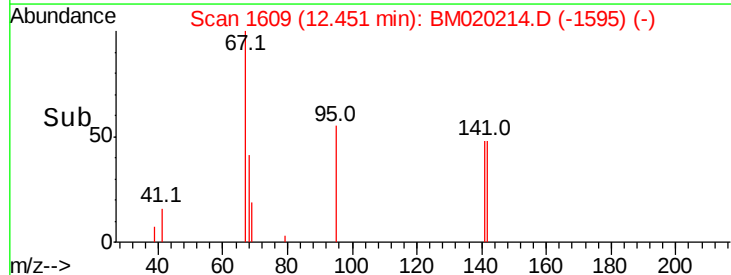
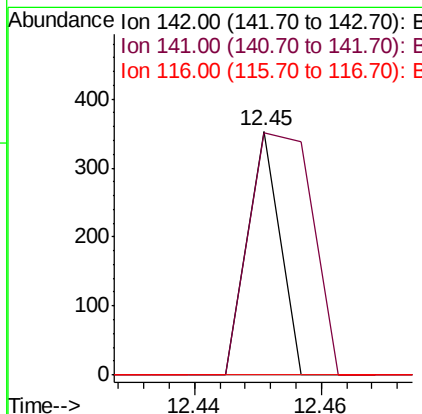
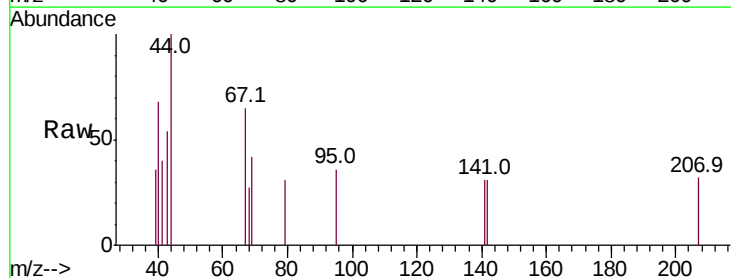
Instrument :
BNA_M
ClientSampled :

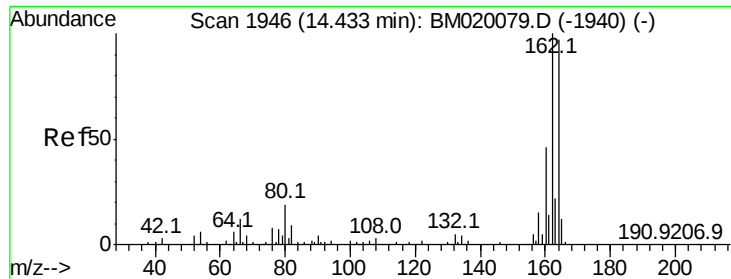
Tot Ion: 93 Resp: 128
Ion Ratio Lower Upper
93 100
95 0.0 25.5 38.3#
123 0.0 7.6 11.4#



#38
1-Methylnaphthalene
Concen: 0.008 ng
RT: 12.45 min Scan# 1609
Delta R.T. -0.02 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Tgt Ion: 142 Resp: 125
Ion Ratio Lower Upper
142 100
141 99.7 74.8 112.2
116 0.0 3.9 5.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

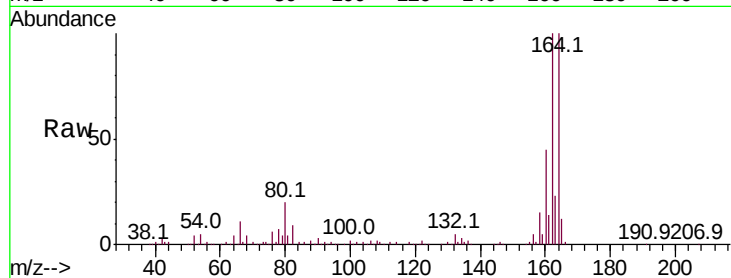
Tot Ion:164 Resp: 254858

Ion Ratio Lower Upper

164 100

162 99.7 82.2 123.2

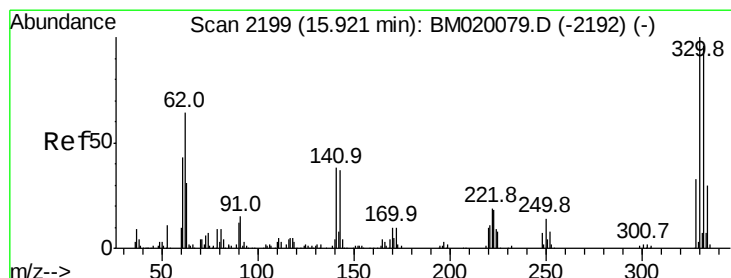
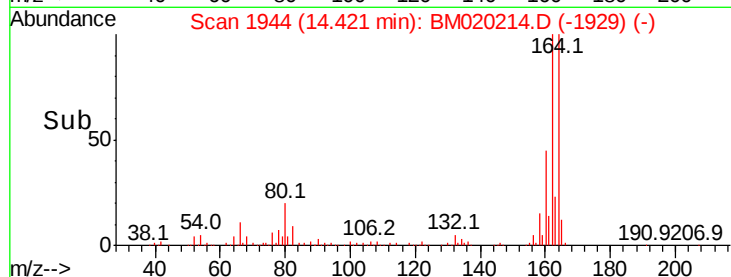
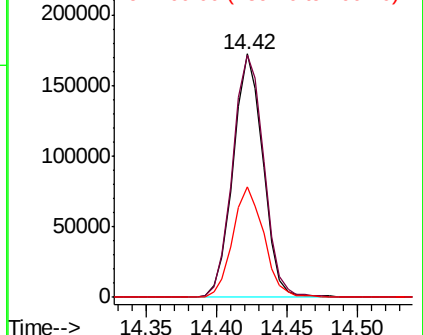
160 45.5 37.6 56.4



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



#42

2,4,6-Tribromophenol

Concen: 141.243 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

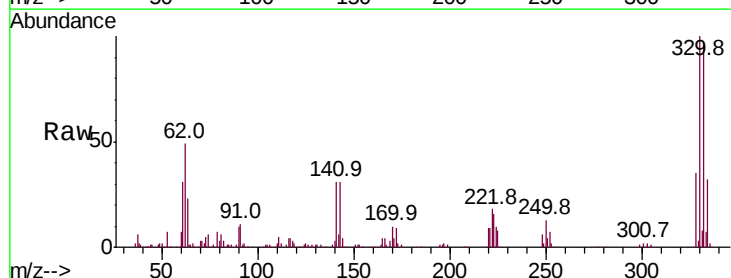
Tgt Ion:330 Resp: 558739

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

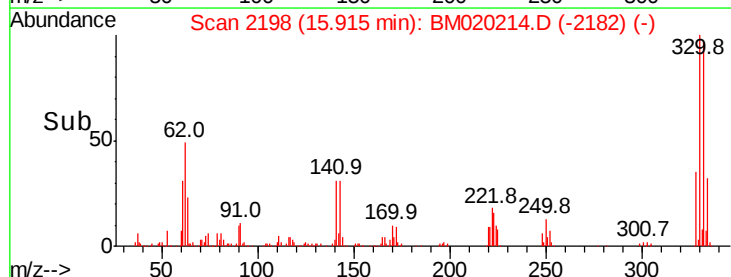
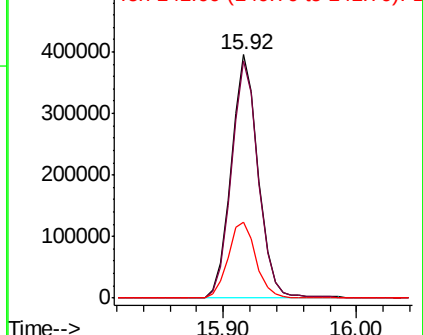
141 32.3 29.2 43.8

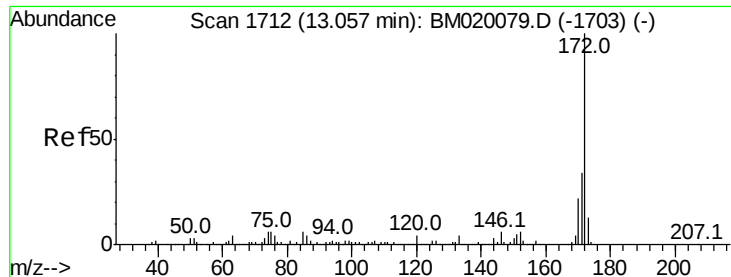


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

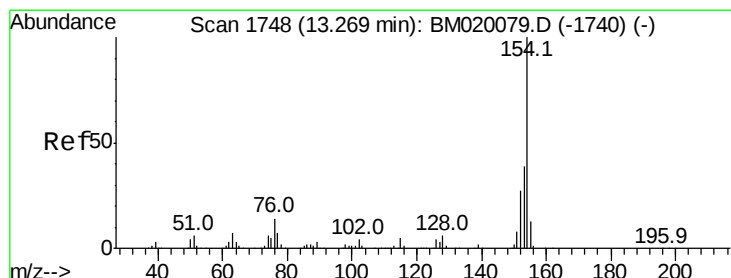
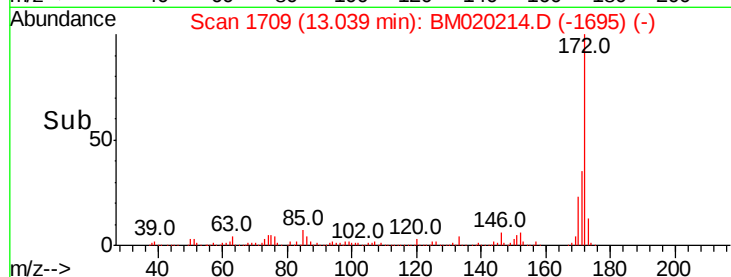
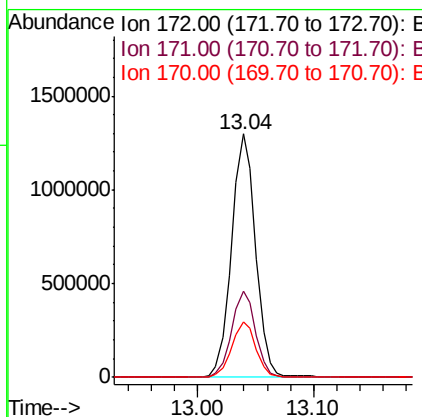
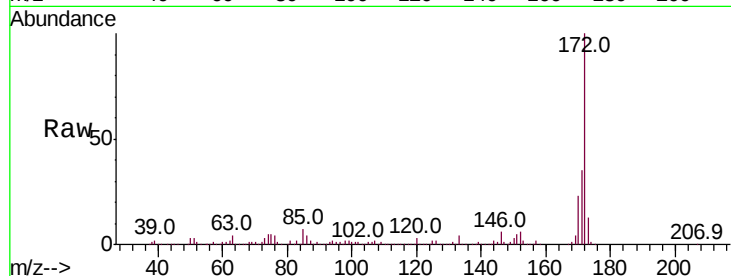




#45
2-Fluorobiphenyl
Concen: 90.418 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

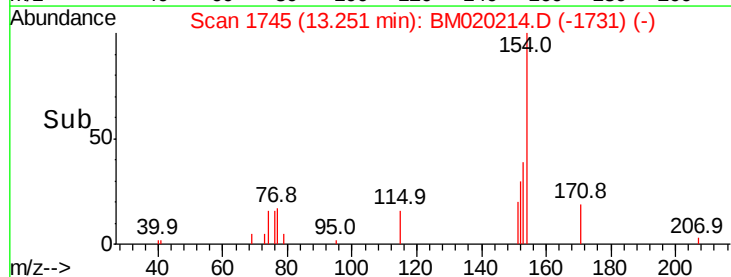
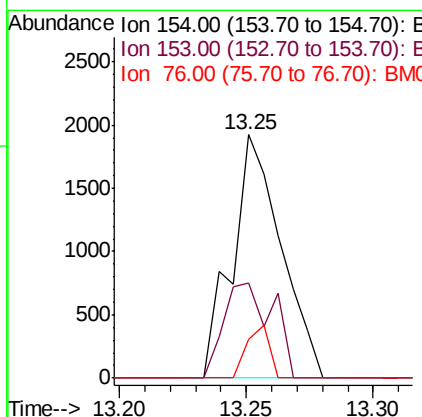
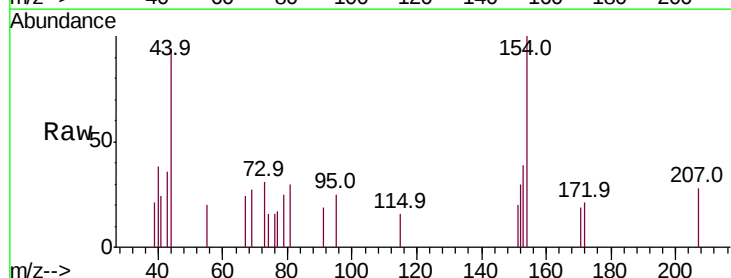
Instrument :
BNA_M
ClientSampleId :

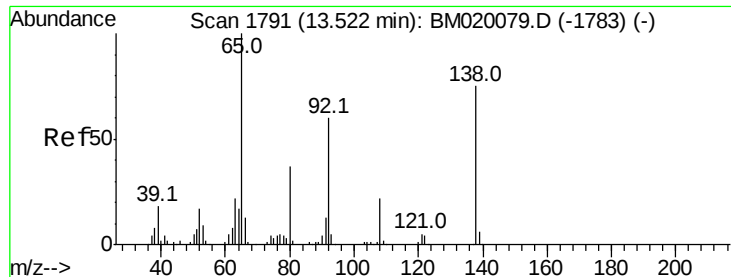
Tot Ion:172 Resp: 1872917
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 22.5 17.9 26.9



#46
1,1'-Biphenyl
Concen: 0.123 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Tgt Ion:154 Resp: 2581
Ion Ratio Lower Upper
154 100
153 39.3 19.4 59.4
76 15.7 0.0 34.5

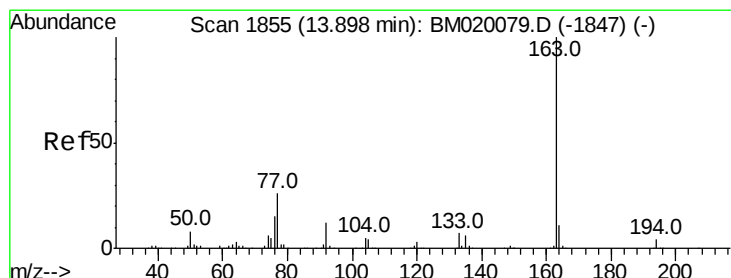
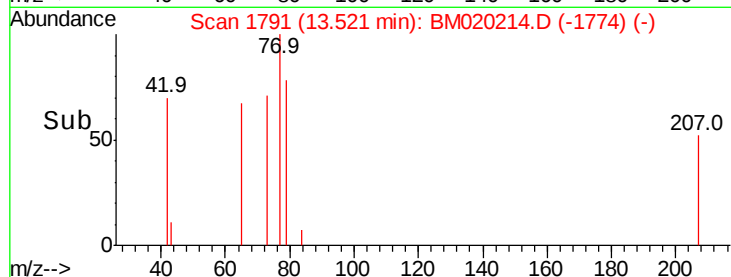
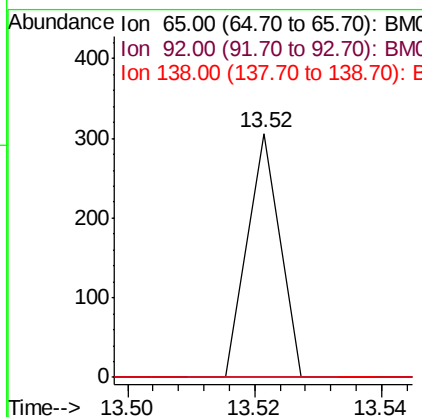
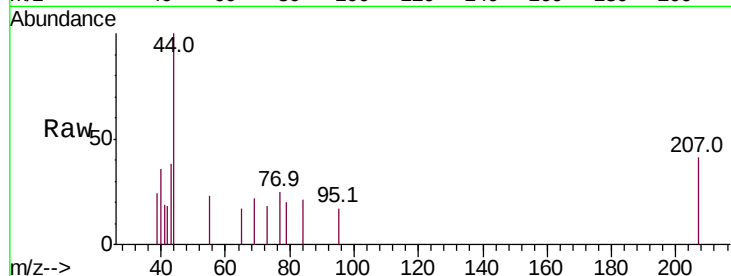




#48
2-Nitroaniline
Concen: 0.018 ng
RT: 13.52 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

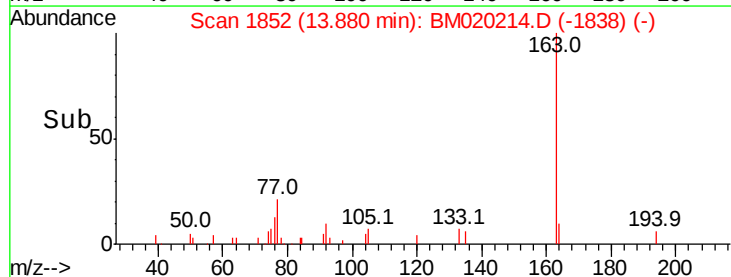
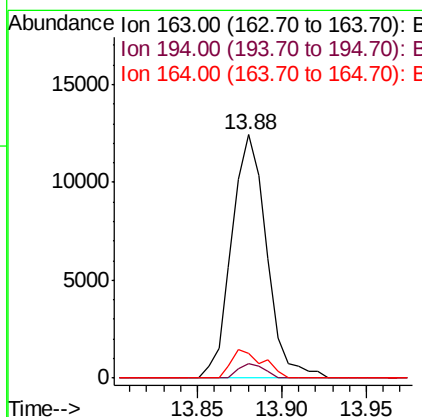
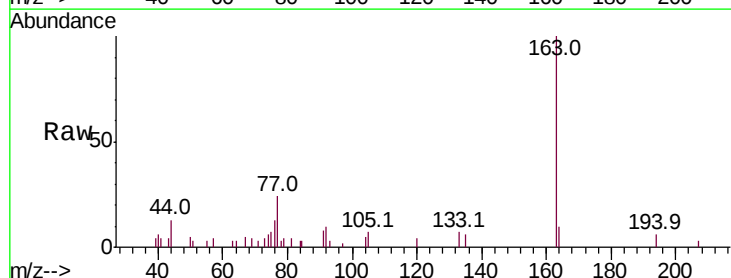
Instrument :
BNA_M
ClientSampleId :

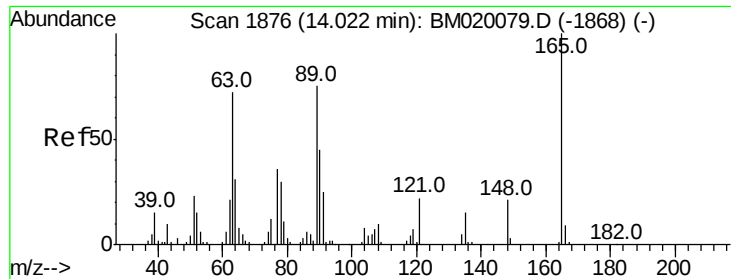
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	48.2	72.4#
138	0.0	60.3	90.5#



#50
Dimethylphthalate
Concen: 0.828 ng
RT: 13.88 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.6	5.4#
164	10.4	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 0.058 ng

RT: 13.94 min Scan# 1862

Delta R.T. -0.08 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

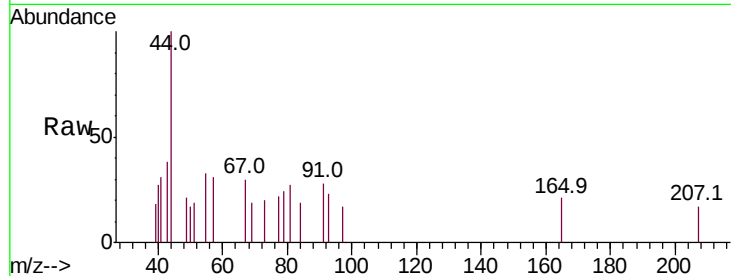
Tot Ion:165 Resp: 266

Ion Ratio Lower Upper

165 100

63 0.0 60.3 90.5#

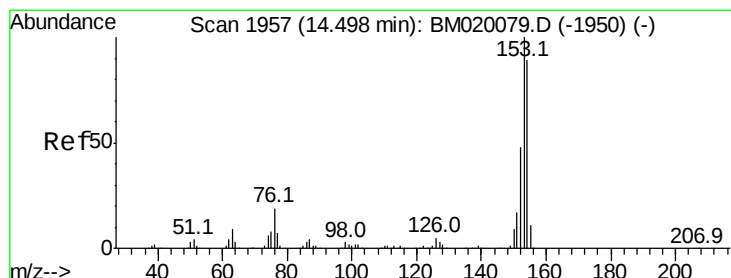
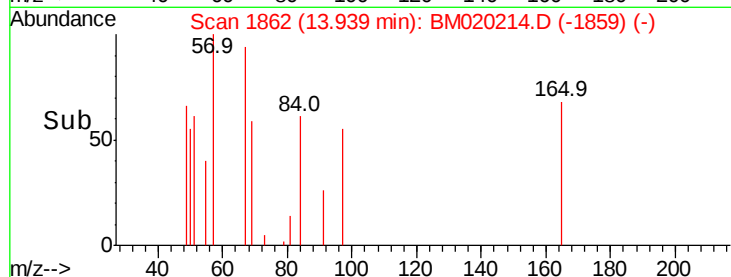
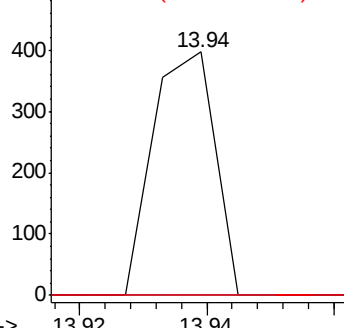
89 0.0 59.8 89.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 0.050 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.07 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

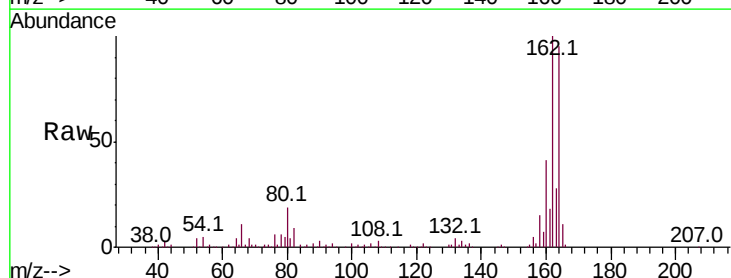
Tgt Ion:154 Resp: 774

Ion Ratio Lower Upper

154 100

153 0.0 90.2 135.2#

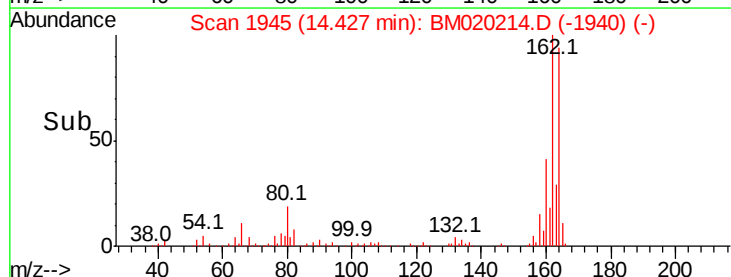
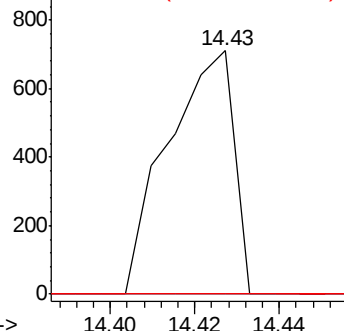
152 0.0 43.0 64.4#

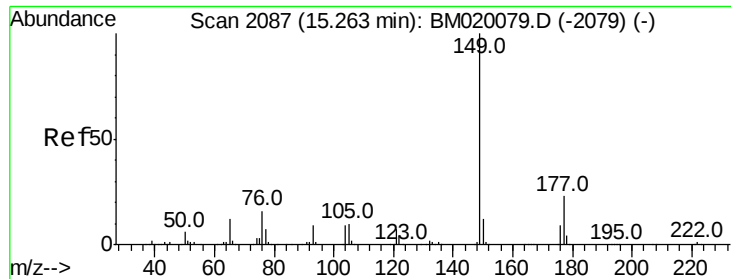


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

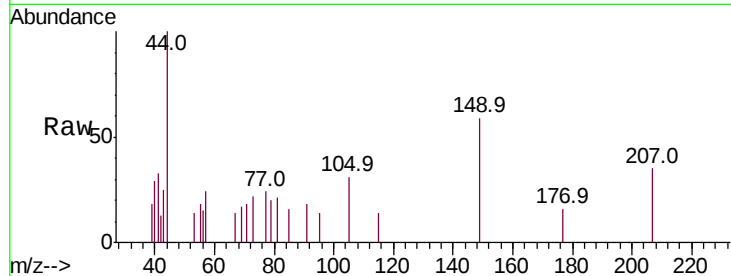




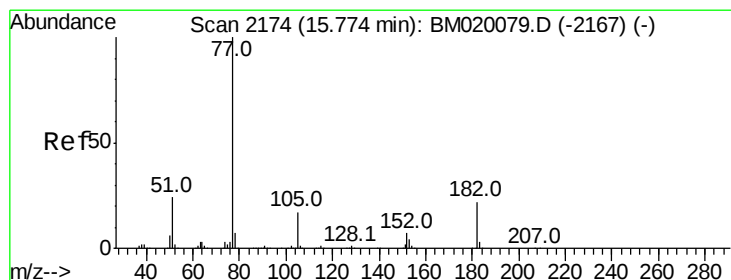
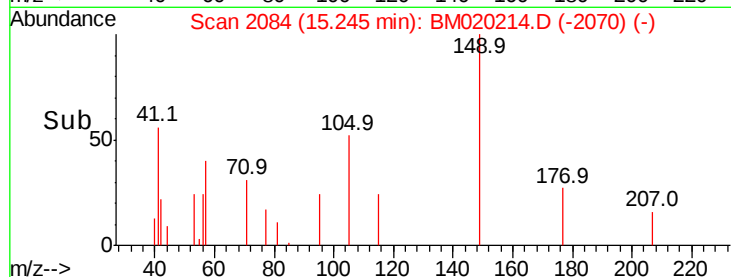
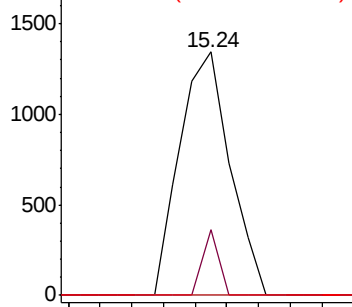
#60
Diethylphthalate
Concen: 0.068 ng
RT: 15.24 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 1483
Ion Ratio Lower Upper
149 100
177 27.1 18.2 27.4
150 0.0 9.9 14.9#

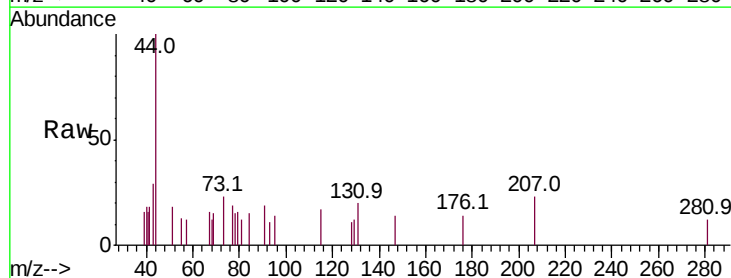


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

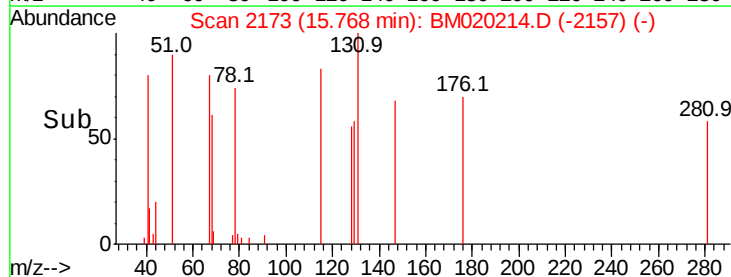
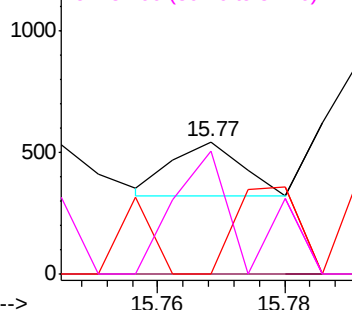


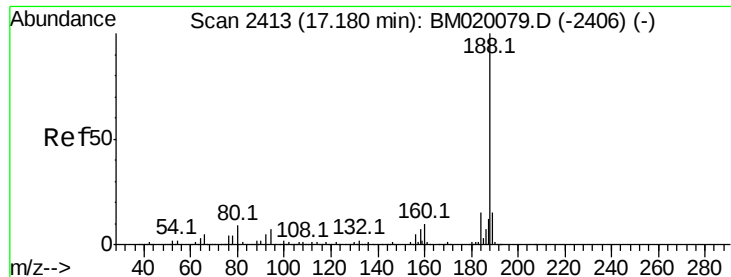
#63
Azobenzene
Concen: 0.007 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Tgt Ion: 77 Resp: 168
Ion Ratio Lower Upper
77 100
182 0.0 2.1 42.1#
105 0.0 0.0 36.8
51 92.8 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

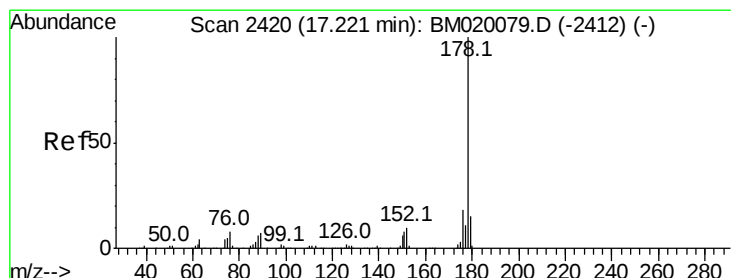
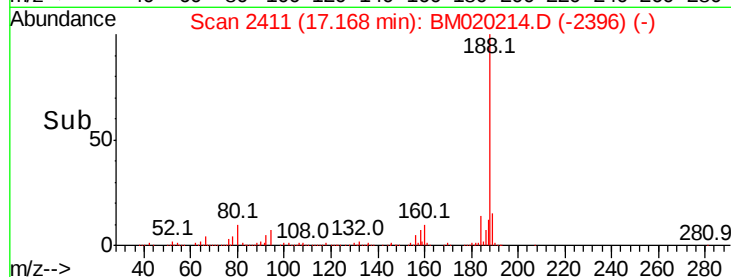
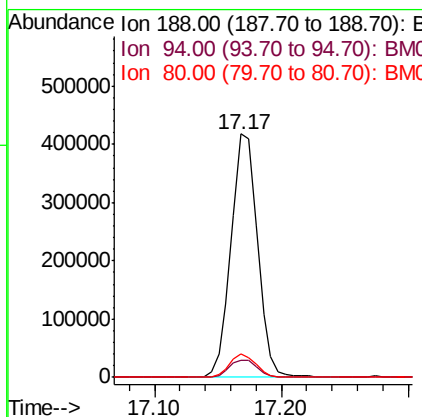
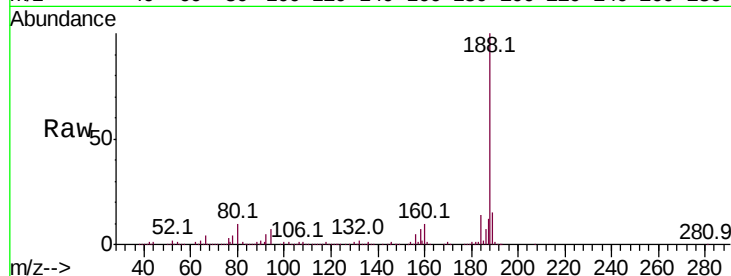




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

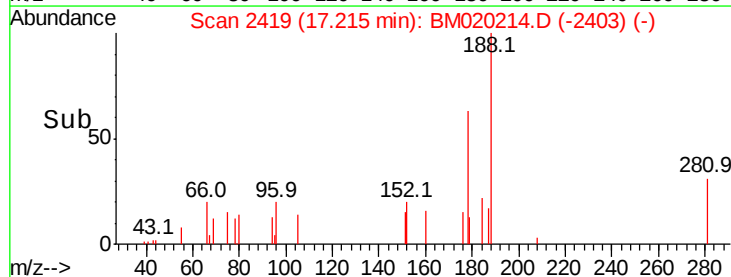
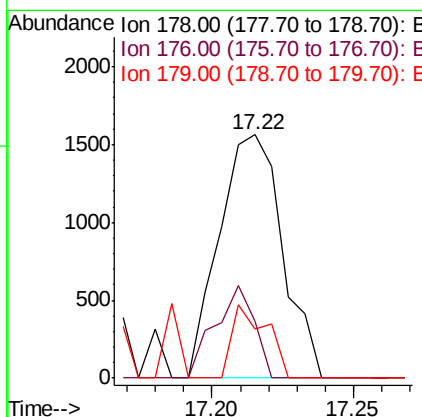
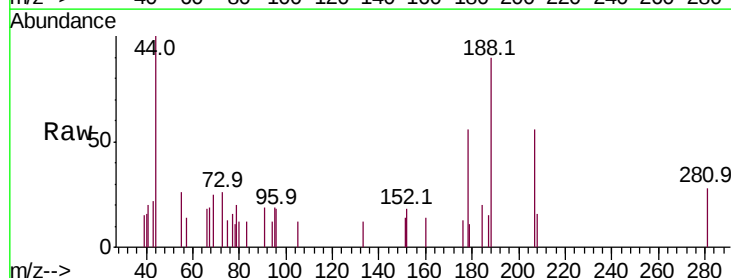
Instrument :
BNA_M
ClientSampled :

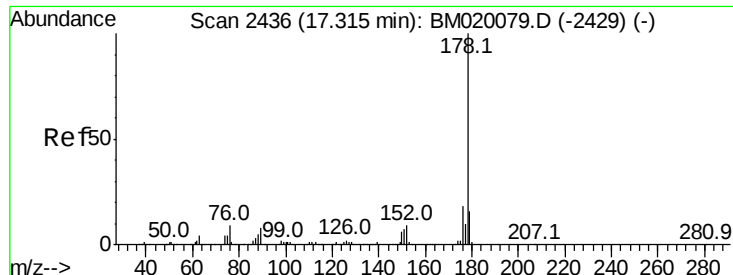
Tot Ion:188 Resp: 605202
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 9.9 7.4 11.2



#71
Phenanthrene
Concen: 0.073 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Tgt Ion:178 Resp: 2428
Ion Ratio Lower Upper
178 100
176 23.5 14.6 21.8#
179 20.4 12.4 18.6#





#72

Anthracene

Concen: 0.006 ng

RT: 17.30 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

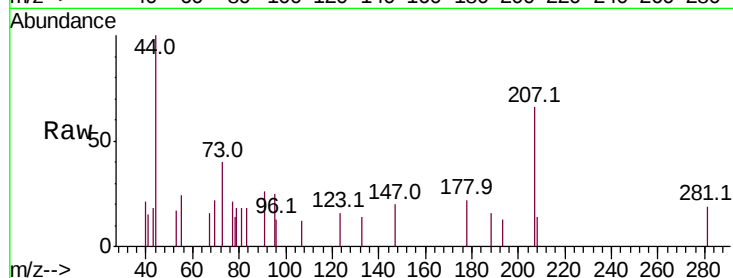
Tot Ion:178 Resp: 192

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

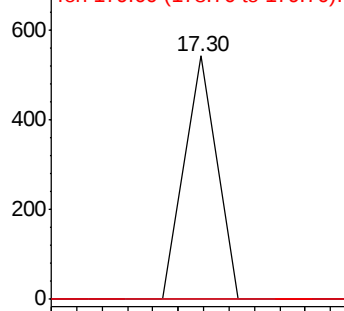
179 0.0 12.4 18.6#



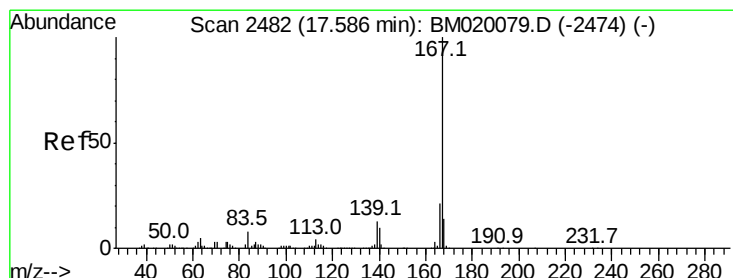
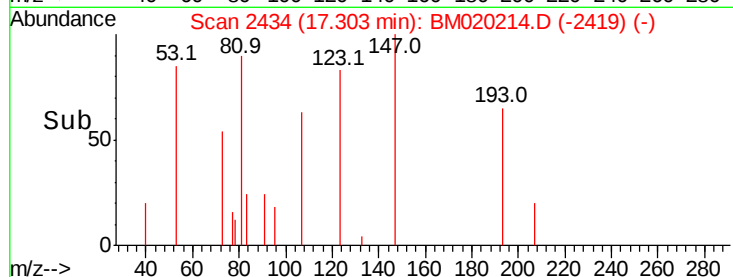
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.28 17.30 17.32



#73

Carbazole

Concen: 0.009 ng

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

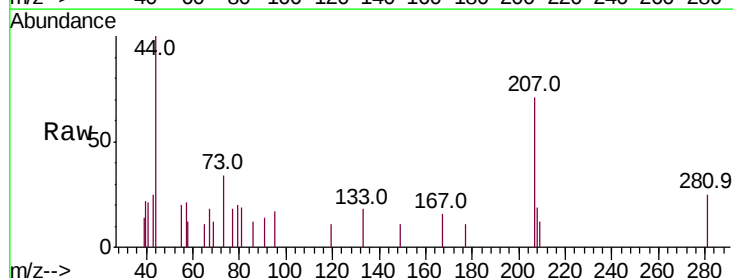
Tgt Ion:167 Resp: 264

Ion Ratio Lower Upper

167 100

166 0.0 17.0 25.6#

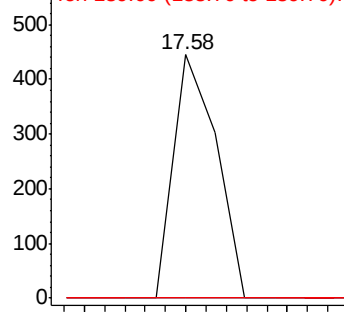
139 0.0 10.6 16.0#



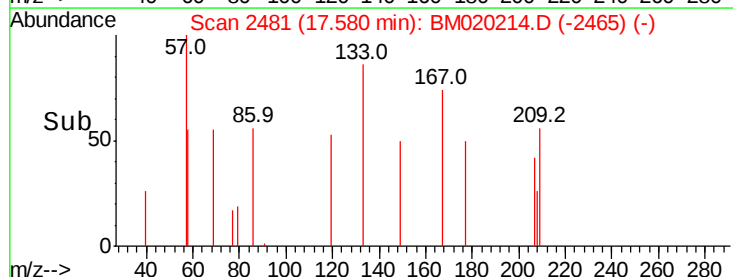
Abundance Ion 167.00 (166.70 to 167.70): E

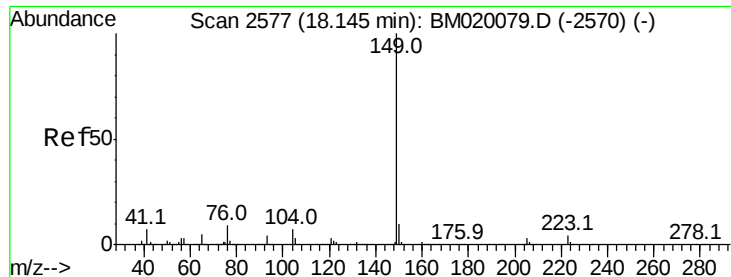
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.56 17.58 17.60

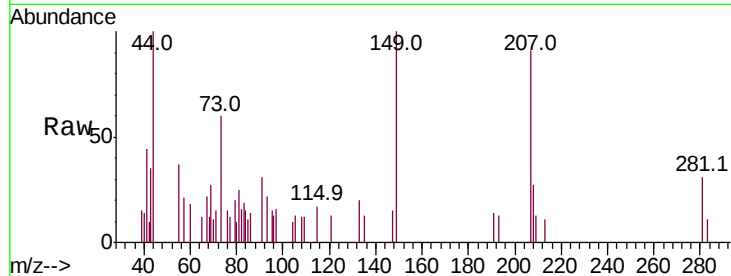




#74
Di-n-butylphthalate
Concen: 0.098 ng
RT: 18.13 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	10.2	5.7	8.5#

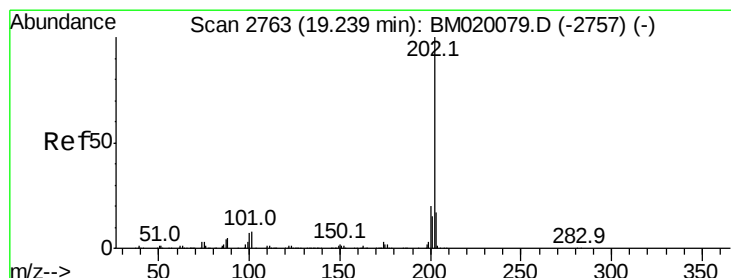
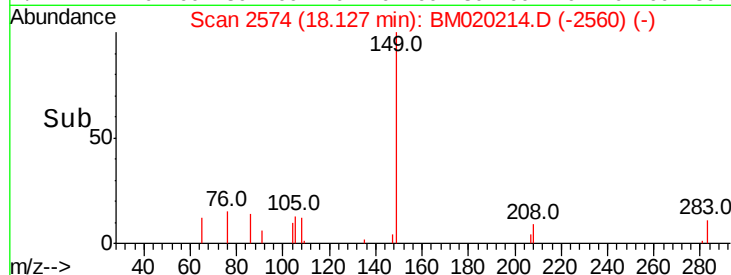
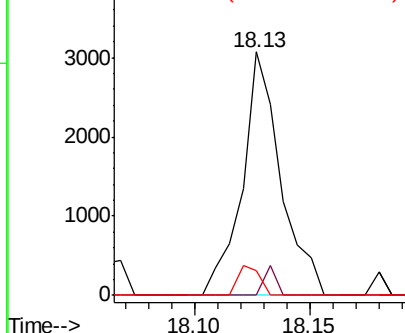


Abundance

Ion 149.00 (148.70 to 149.70): E

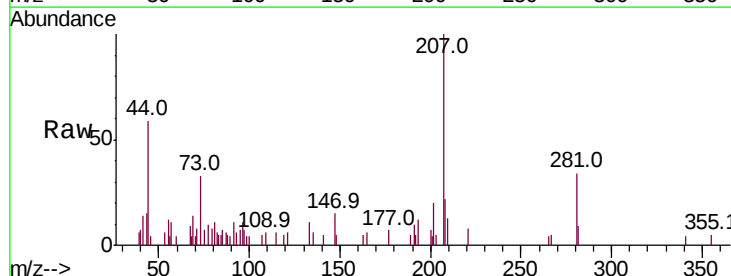
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75
Fluoranthene
Concen: 0.060 ng
RT: 19.23 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.4
203	25.7	0.0	37.4

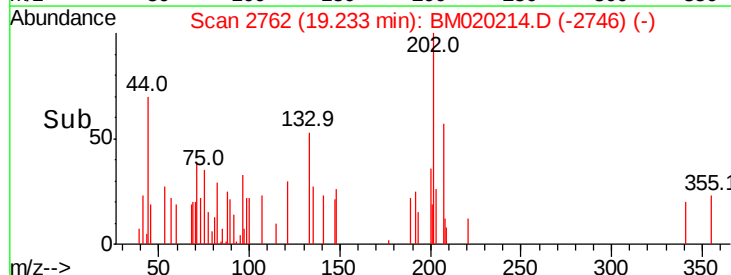
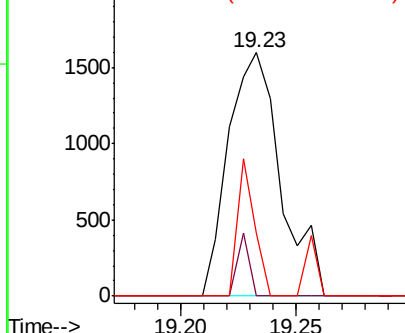


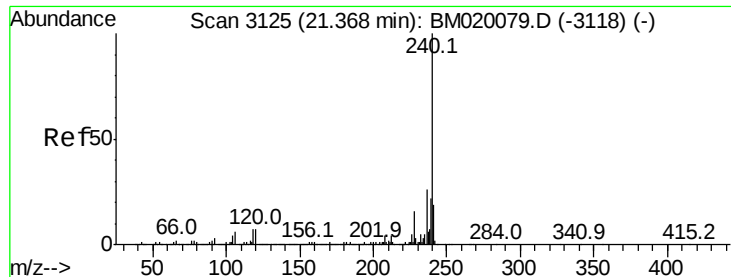
Abundance

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: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

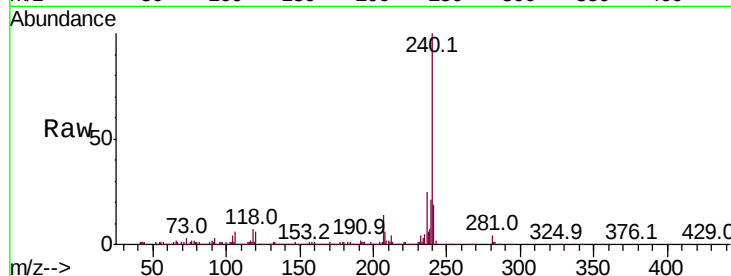
Tot Ion:240 Resp: 622577

Ion Ratio Lower Upper

240 100

120 6.5 5.6 8.4

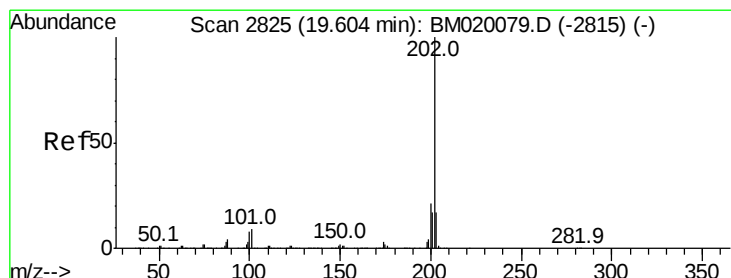
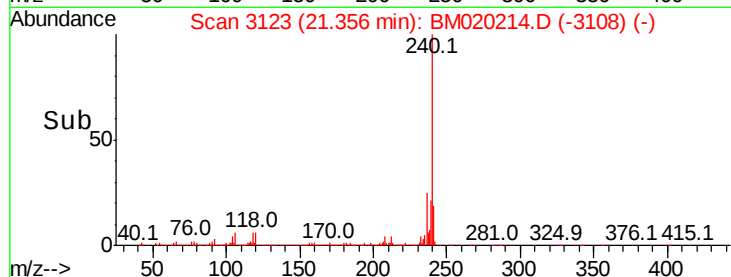
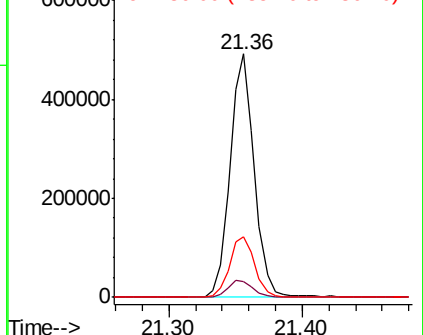
236 25.0 20.9 31.3



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



#78

Pyrene

Concen: 0.072 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

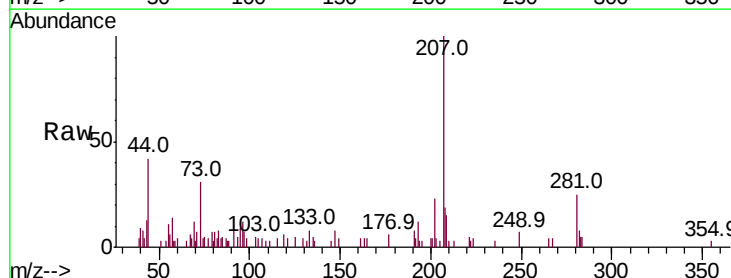
Tgt Ion:202 Resp: 3027

Ion Ratio Lower Upper

202 100

200 18.2 16.5 24.7

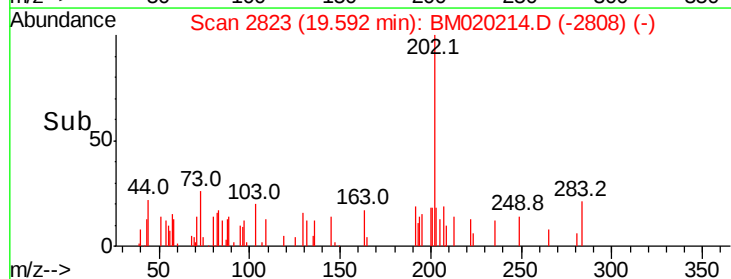
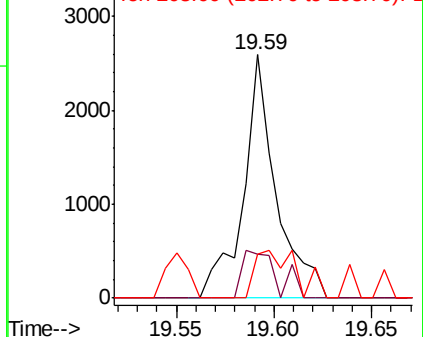
203 18.2 13.9 20.9

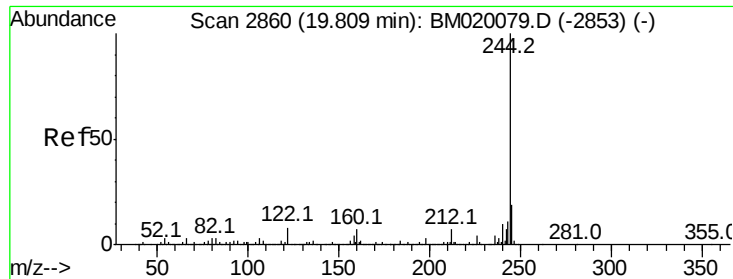


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.323 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

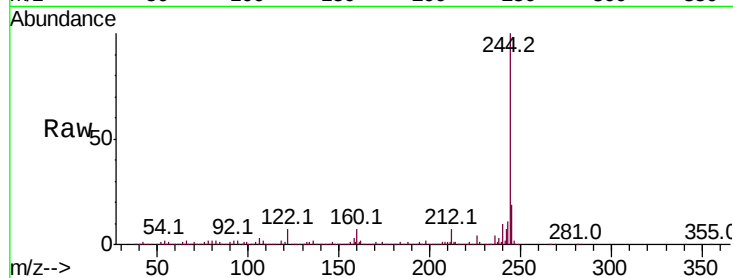
Tot Ion:244 Resp: 3366736

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

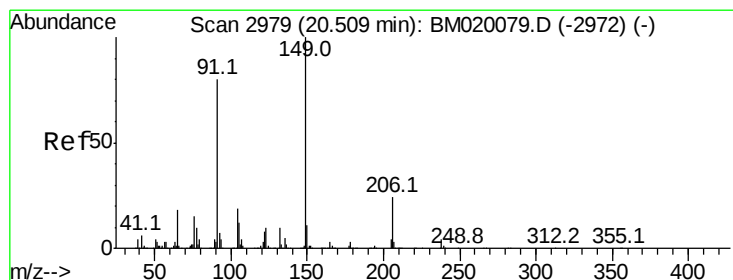
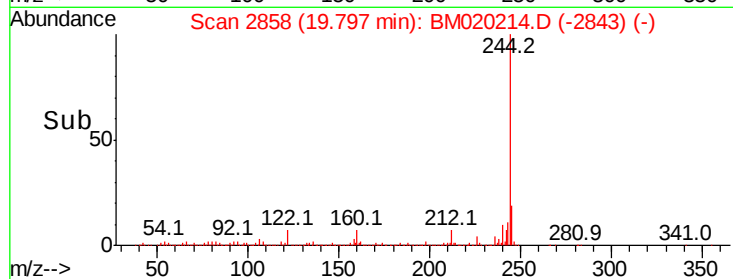
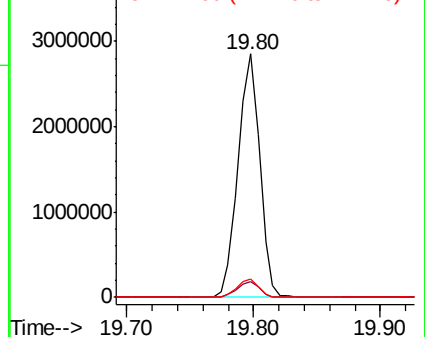
122 7.5 6.2 9.2



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: 0.022 ng

RT: 20.44 min Scan# 2967

Delta R.T. -0.07 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

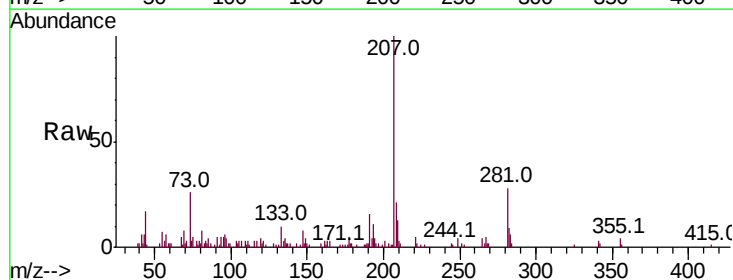
Tgt Ion:149 Resp: 327

Ion Ratio Lower Upper

149 100

91 92.2 63.8 95.8

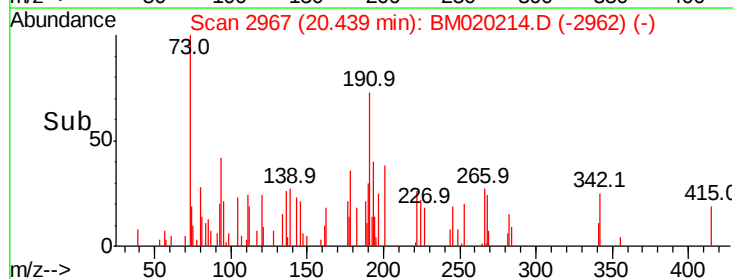
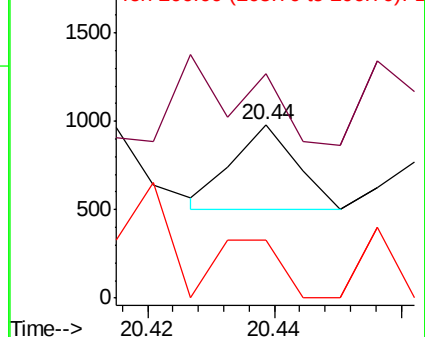
206 23.7 18.9 28.3

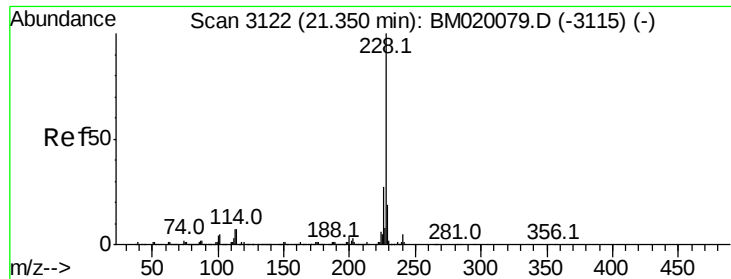


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.113 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

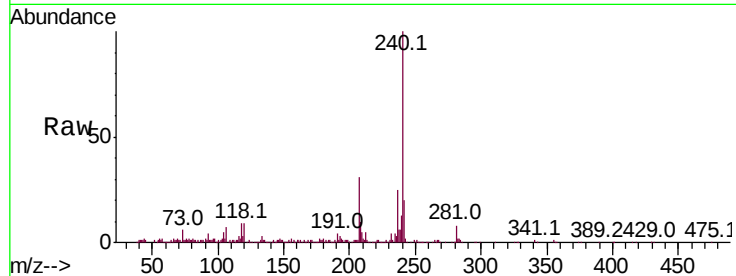
Tot Ion:228 Resp: 4914

Ion Ratio Lower Upper

228 100

226 15.4 21.3 31.9#

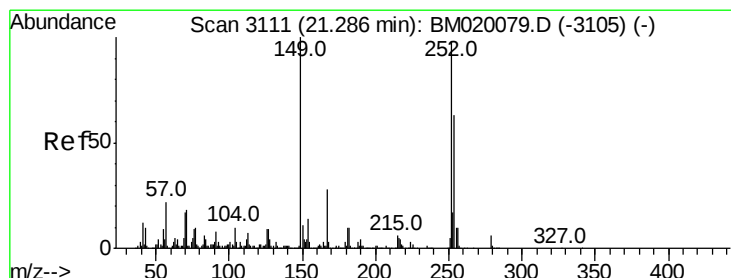
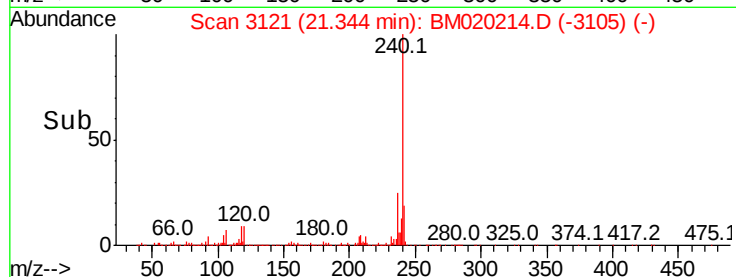
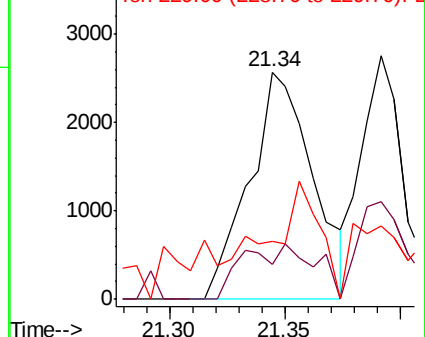
229 25.2 15.5 23.3#



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: 0.071 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.04 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

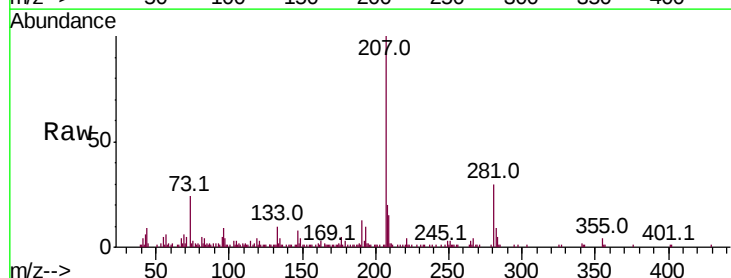
Tgt Ion:252 Resp: 1178

Ion Ratio Lower Upper

252 100

254 61.7 51.1 76.7

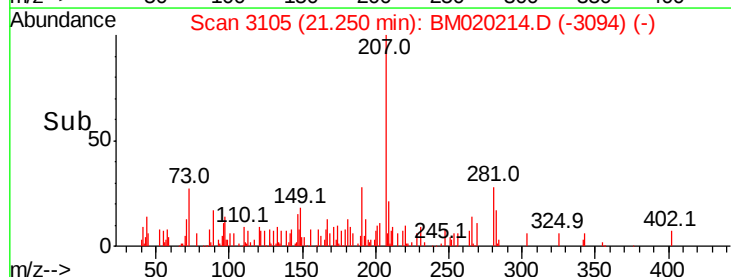
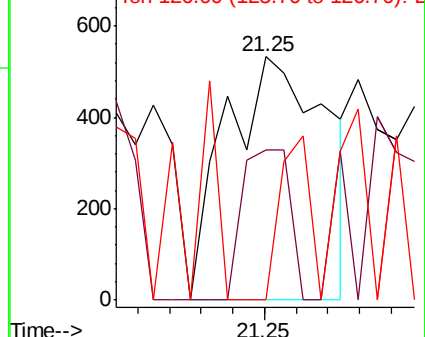
126 0.0 7.1 10.7#

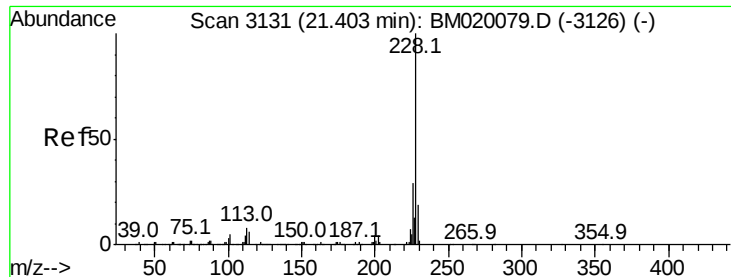


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.084 ng

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

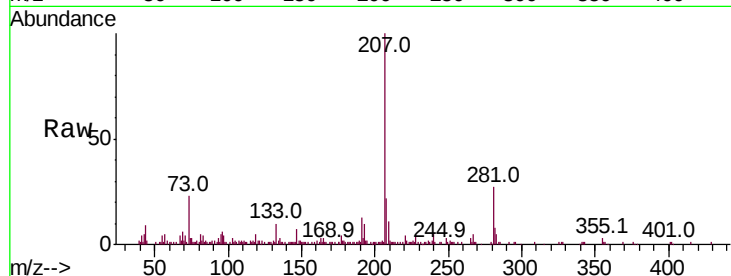
Tot Ion:228 Resp: 3560

Ion Ratio Lower Upper

228 100

226 40.0 23.0 34.6#

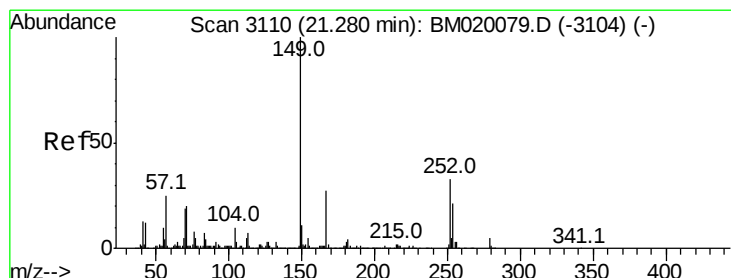
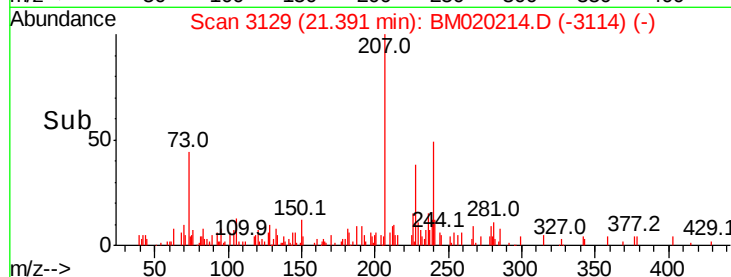
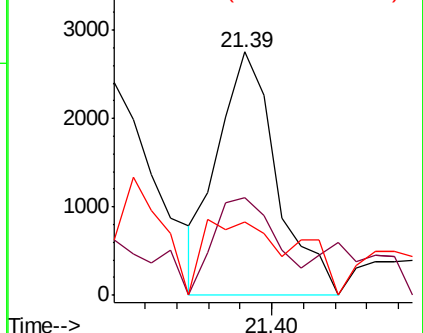
229 30.4 15.5 23.3#



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: 0.101 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

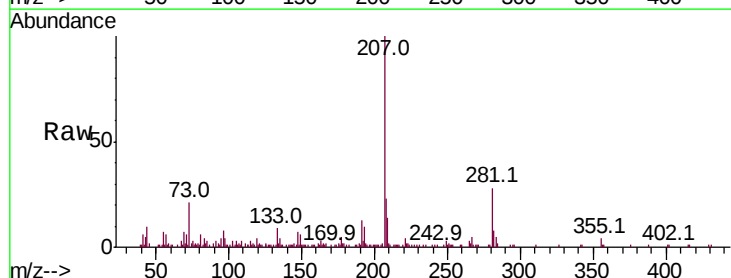
Tgt Ion:149 Resp: 2373

Ion Ratio Lower Upper

149 100

167 34.3 21.8 32.8#

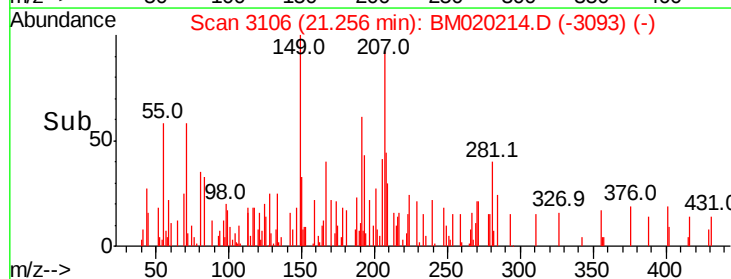
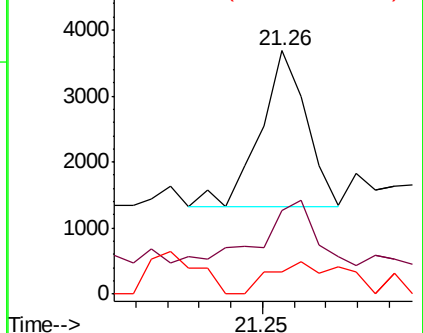
279 8.9 4.2 6.2#

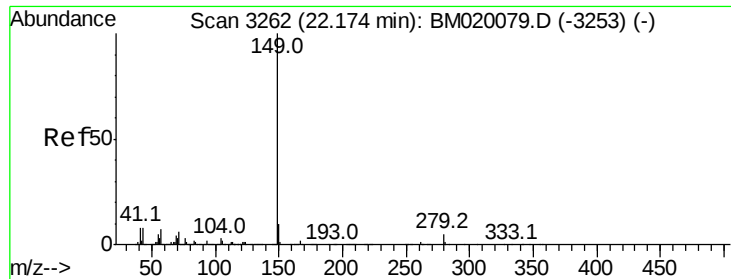


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.016 ng

RT: 22.14 min Scan# 3257

Delta R.T. -0.03 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

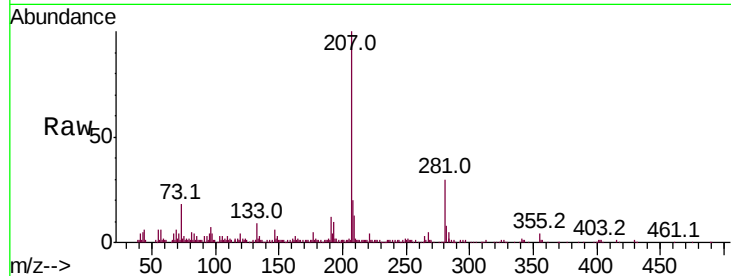
Tot Ion:149 Resp: 623

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

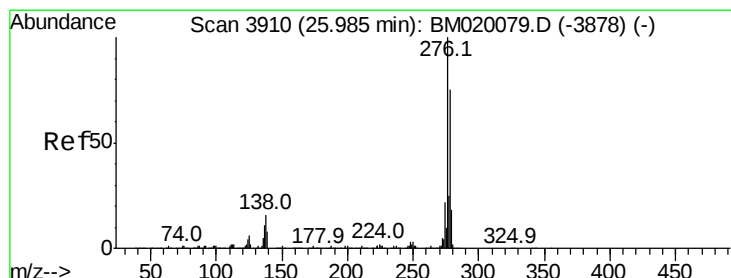
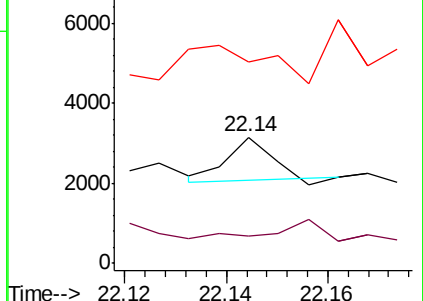
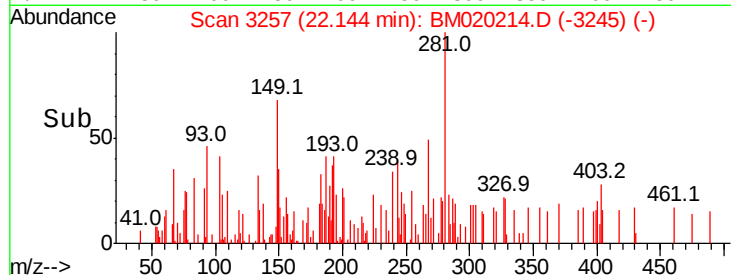
43 248.5 6.5 9.7#



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: 0.024 ng

RT: 25.96 min Scan# 3905

Delta R.T. -0.03 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

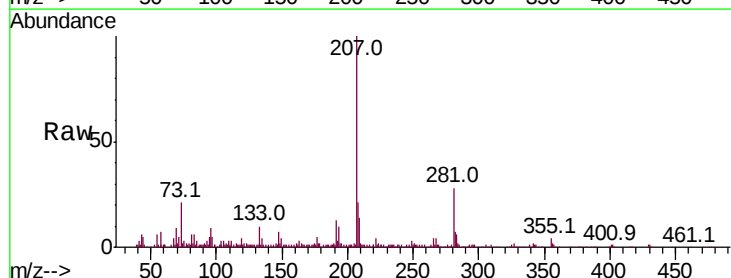
Tgt Ion:276 Resp: 1210

Ion Ratio Lower Upper

276 100

138 93.4 0.0 0.0#

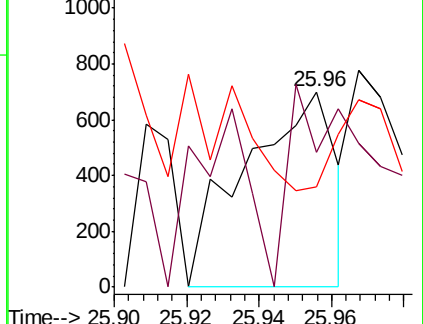
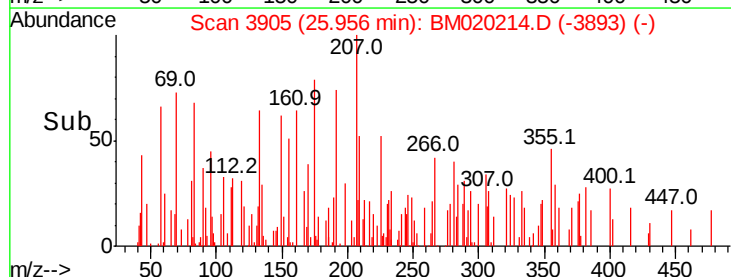
277 95.4 0.0 0.0#

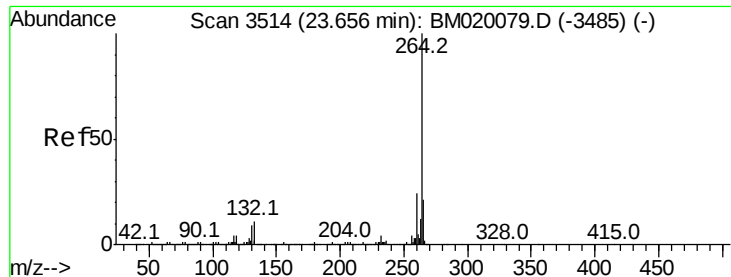


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampled :

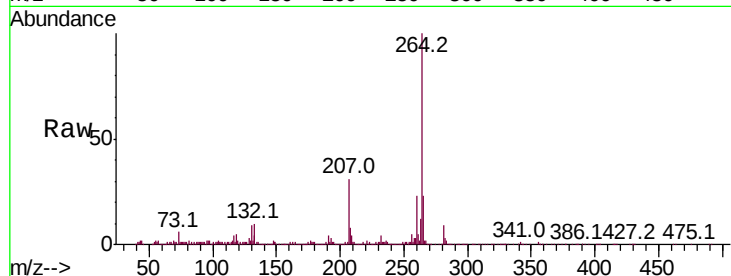
Tot Ion:264 Resp: 712615

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

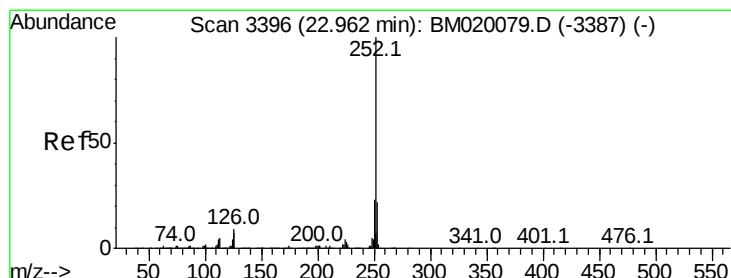
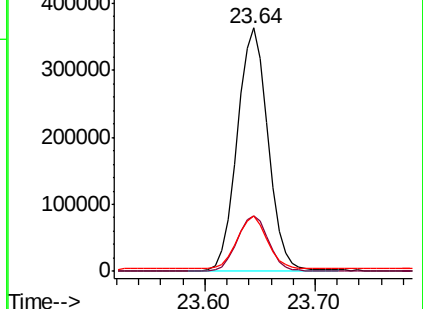
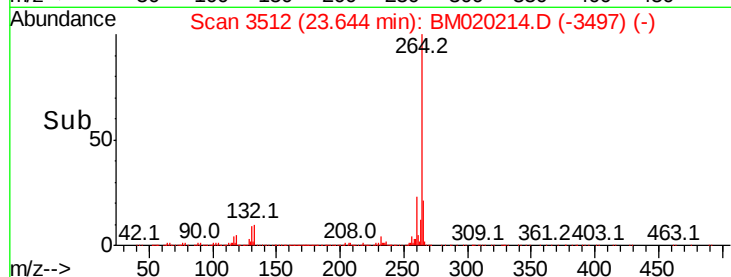
265 22.6 16.9 25.3



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: 0.143 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

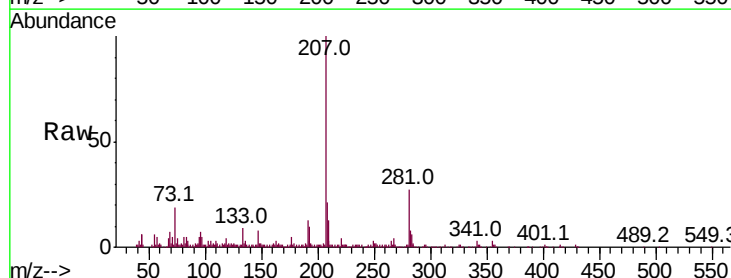
Tgt Ion:252 Resp: 6735

Ion Ratio Lower Upper

252 100

253 56.7 17.5 26.3#

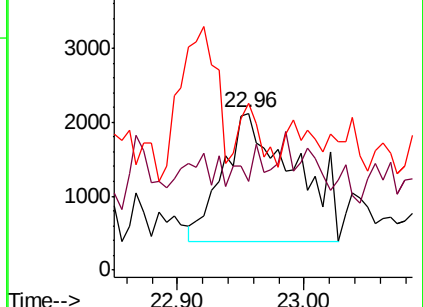
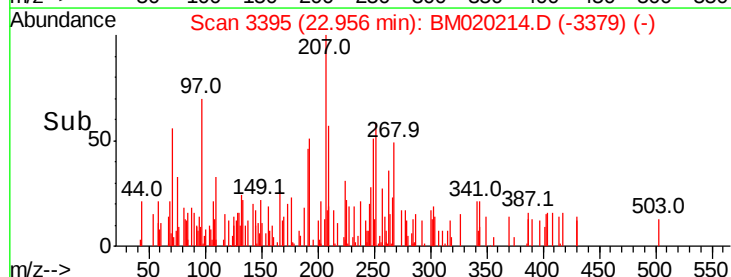
125 106.6 5.4 8.2#

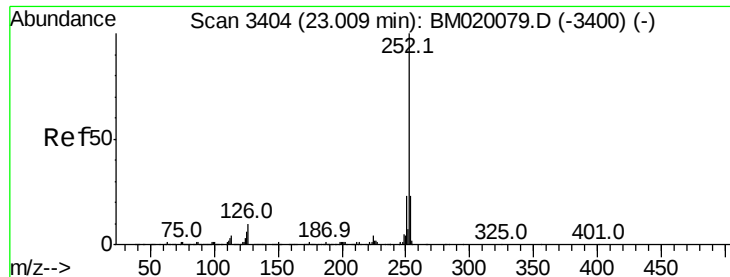


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.011 ng

RT: 23.04 min Scan# 3409

Delta R.T. 0.03 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

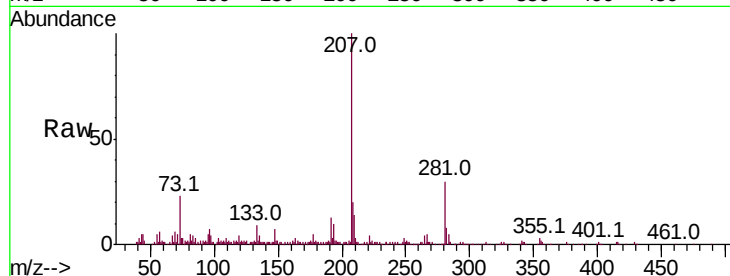
Tot Ion:252 Resp: 470

Ion Ratio Lower Upper

252 100

253 96.7 17.8 26.8#

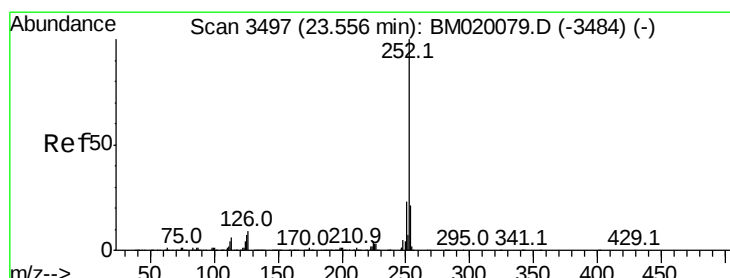
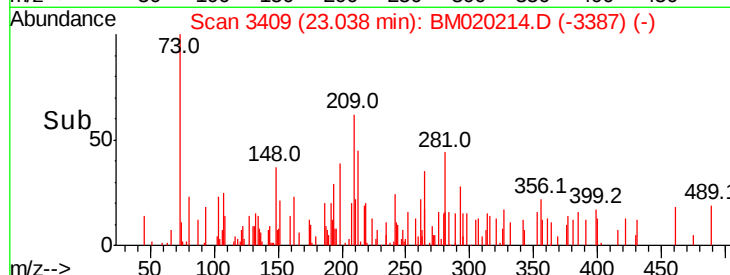
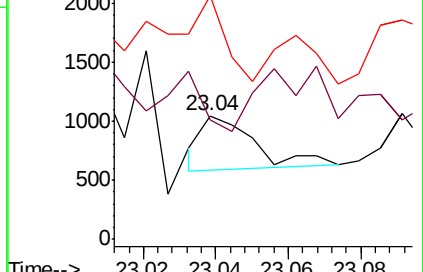
125 196.8 5.4 8.0#



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: 0.007 ng

RT: 23.54 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

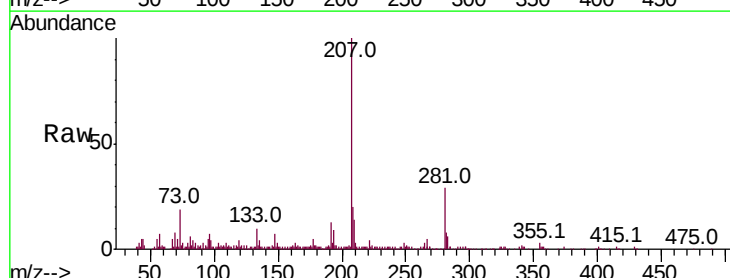
Tgt Ion:252 Resp: 312

Ion Ratio Lower Upper

252 100

253 81.5 17.0 25.6#

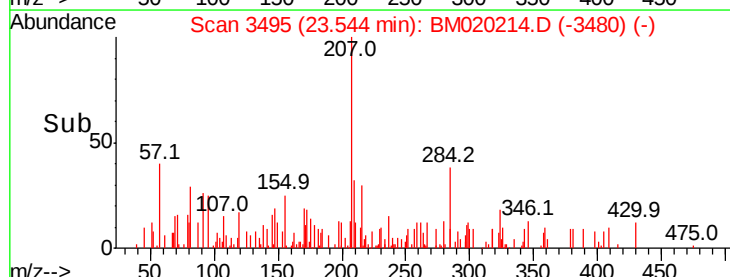
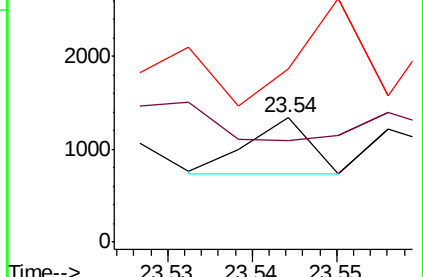
125 139.0 5.5 8.3#

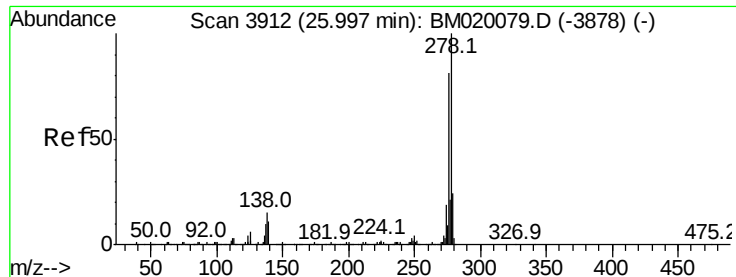


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.023 ng

RT: 25.97 min Scan# 3907

Delta R.T. -0.03 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

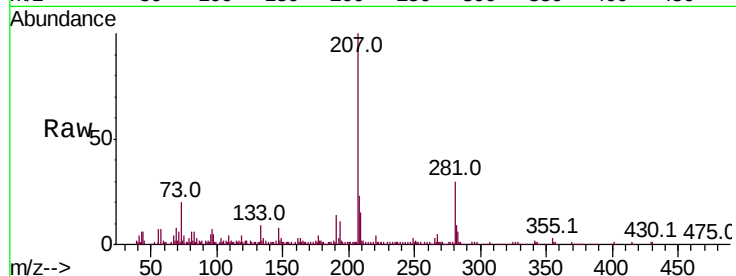
Tot Ion:278 Resp: 1017

Ion Ratio Lower Upper

278 100

139 214.5 8.6 13.0#

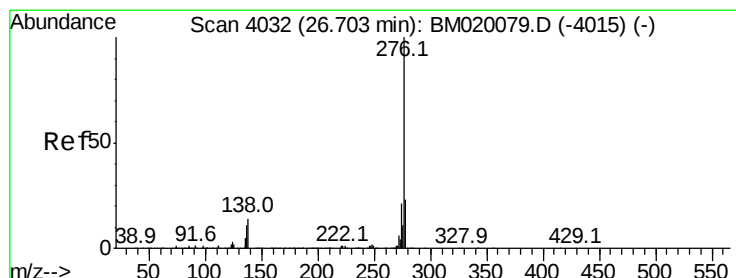
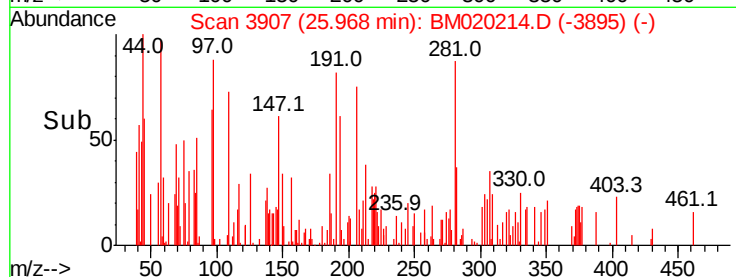
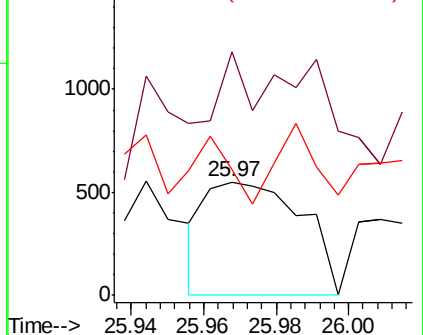
279 110.9 18.8 28.2#



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: 0.017 ng

RT: 26.69 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

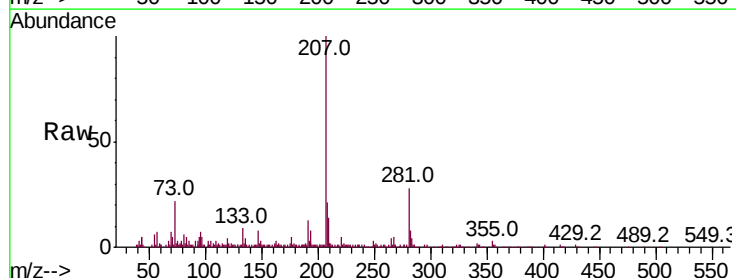
Tgt Ion:276 Resp: 712

Ion Ratio Lower Upper

276 100

277 93.8 18.4 27.6#

138 65.5 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

