

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020093.D
 Acq On : 01 May 2019 16:50
 Operator : JU/SJ
 Sample : K2624-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 01:30:11 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	7.79	152	92302	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	328263	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	201947	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	517760	20.00	ng	0.00
76) Chrysene-d12	21.36	240	620462	20.00	ng	0.00
87) Perylene-d12	23.64	264	717661	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	869931	154.06	ng	0.00
7) Phenol-d6	6.95	99	1229855	159.43	ng	0.00
23) Nitrobenzene-d5	8.96	82	892738	107.37	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	523272	166.93	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1782025	108.57	ng	0.00
79) Terphenyl-d14	19.80	244	3723761	104.68	ng	0.00

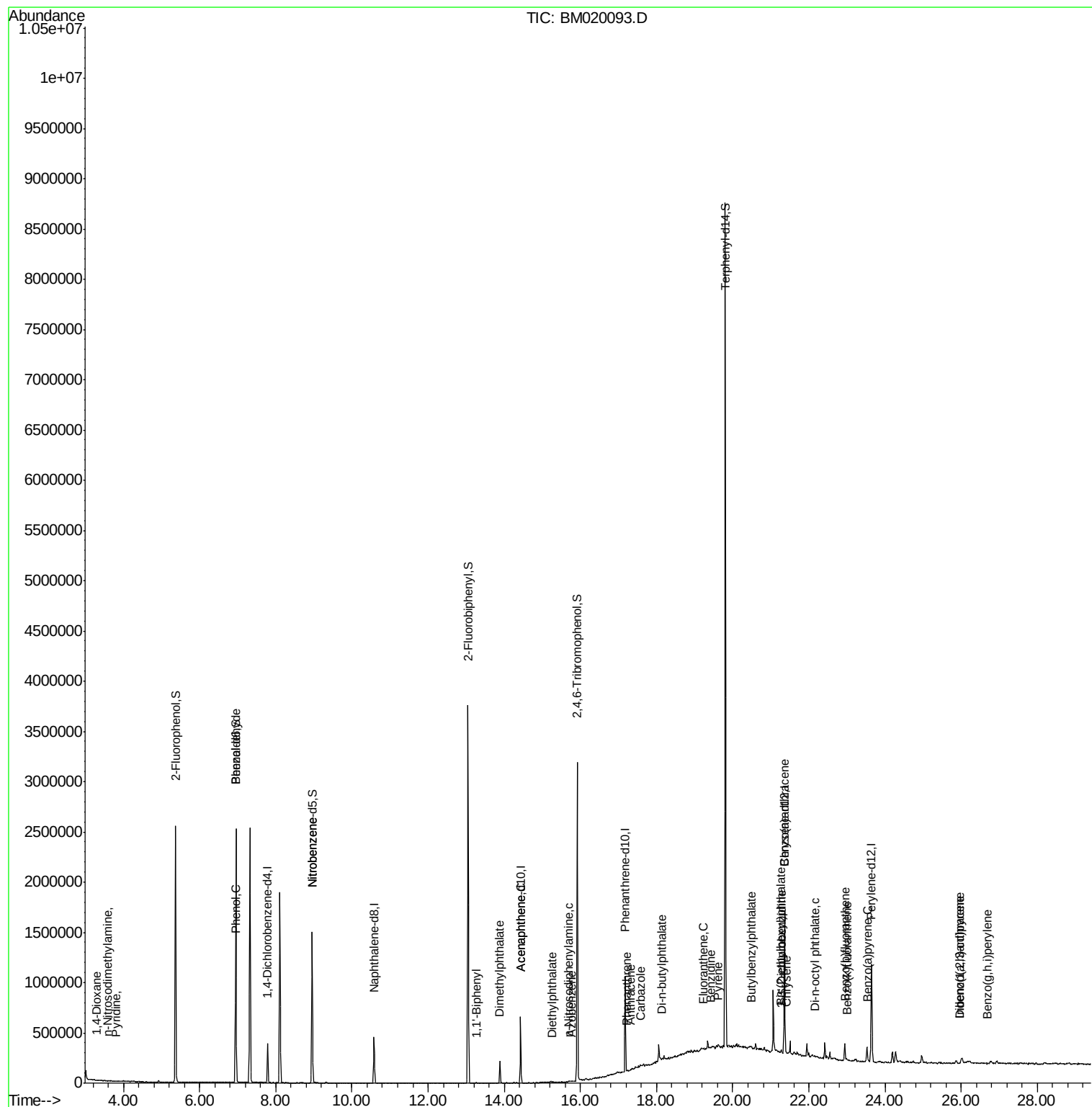
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	222	0.080	ng	# 1
3) Pyridine	3.80	79	106	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.59	42	797	0.351	ng	# 1
9) Benzaldehyde	6.95	77	3606	0.618	ng	# 12
10) Phenol	6.97	94	3702	0.446	ng	# 1
24) Nitrobenzene	8.95	77	3770	0.437	ng	# 31
46) 1,1'-Biphenyl	13.27	154	1825	0.110	ng	# 89
50) Dimethylphthalate	13.89	163	119037	6.935	ng	# 99
52) Acenaphthene	14.43	154	693	0.057	ng	# 4
60) Diethylphthalate	15.25	149	619	0.036	ng	# 58
63) Azobenzene	15.76	77	538	0.026	ng	# 55
66) n-Nitrosodiphenylamine	15.69	169	108	0.007	ng	# 25
71) Phenanthrene	17.22	178	2016	0.071	ng	# 19
72) Anthracene	17.32	178	187	0.007	ng	# 28
73) Carbazole	17.59	167	862	0.033	ng	# 1
74) Di-n-butylphthalate	18.14	149	7645	0.246	ng	# 82
75) Fluoranthene	19.23	202	4821	0.133	ng	# 1
77) Benzidine	19.43	184	772	0.039	ng	# 1
78) Pvrene	19.60	202	2657	0.064	ng	# 16
80) Butylbenzylphthalate	20.49	149	1530	0.101	ng	# 24
81) Benzo(a)anthracene	21.36	228	4235	0.097	ng	# 54
82) 3,3'-Dichlorobenzidine	21.30	252	316	0.019	ng	# 1
83) Chrysene	21.40	228	1994	0.047	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.27	149	6927	0.295	ng	# 74
85) Di-n-octyl phthalate	22.16	149	148	0.004	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.96	276	118	0.002	ng	# 100
88) Benzo(b)fluoranthene	22.95	252	2128	0.045	ng	# 1
89) Benzo(k)fluoranthene	23.00	252	1685	0.039	ng	# 1
90) Benzo(a)pyrene	23.53	252	1171	0.027	ng	# 1
91) Dibenzo(a,h)anthracene	25.96	278	113	0.003	ng	# 58
92) Benzo(g,h,i)perylene	26.68	276	108	0.003	ng	# 58

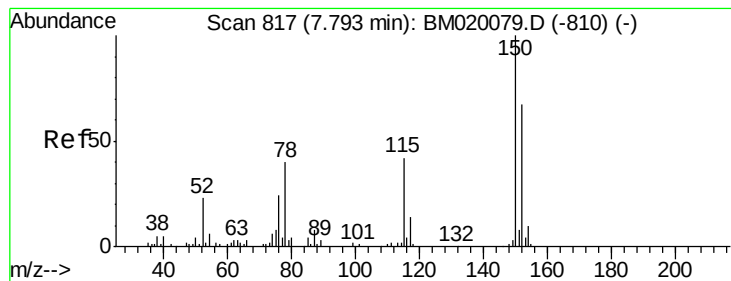
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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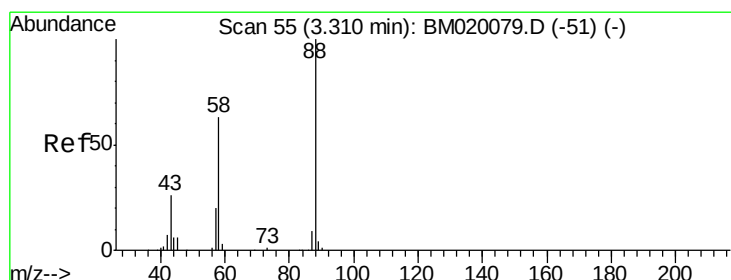
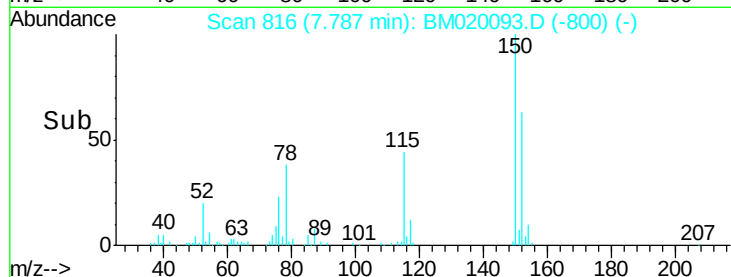
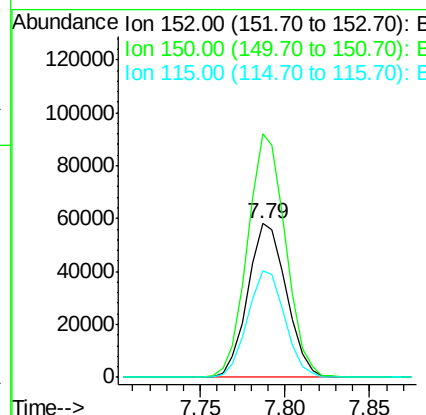
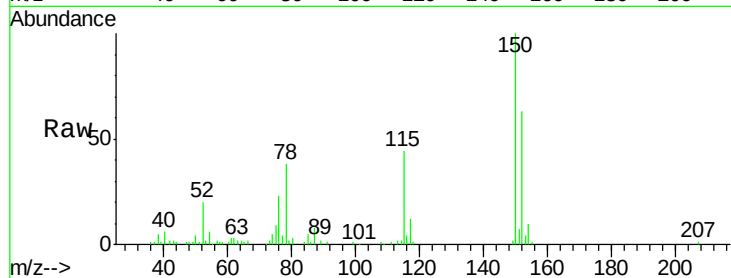


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020093.D
Acq: 01 May 2019 16:50

Instrument :
BNA_M
ClientSampleId :

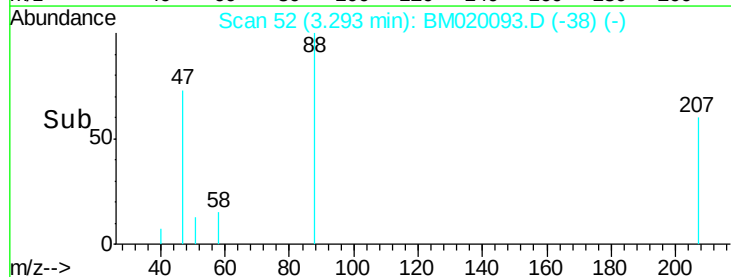
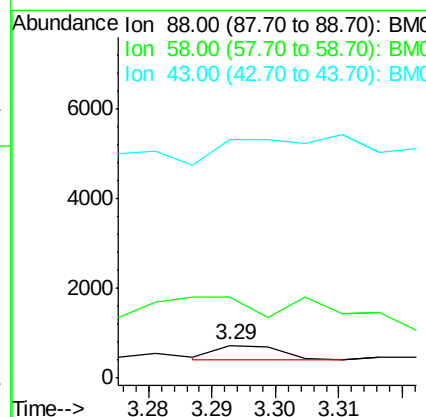
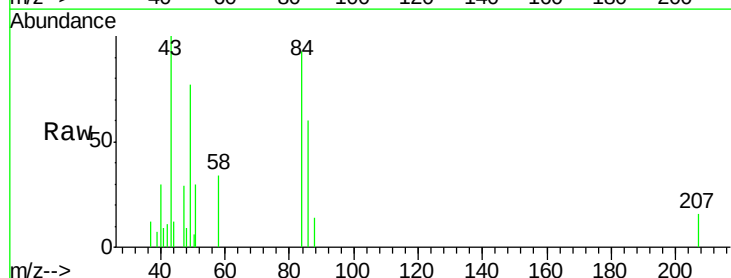
Tot Ion:152 Resp: 92302
Ion Ratio Lower Upper
152 100
150 158.3 119.8 179.8
115 69.4 50.8 76.2

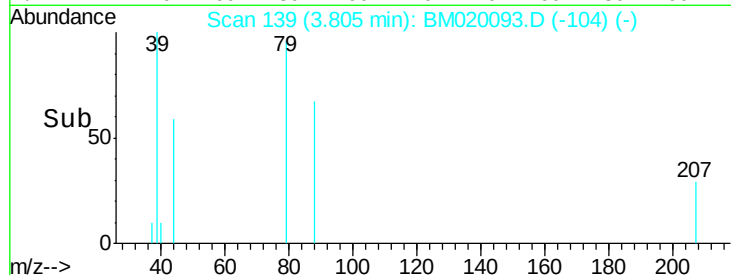
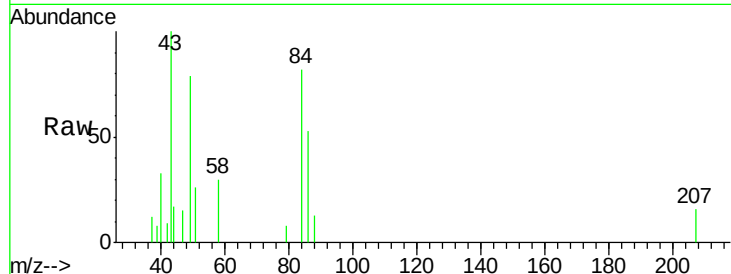
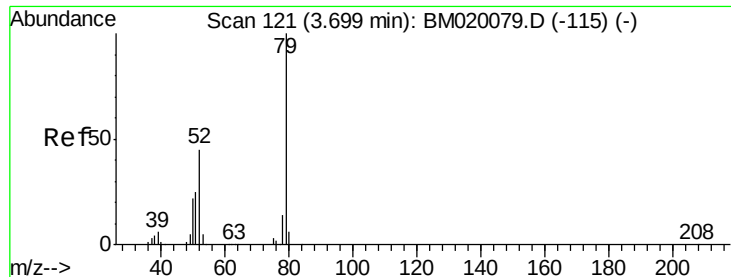


#2

1,4-Dioxane
Concen: 0.080 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020093.D
Acq: 01 May 2019 16:50

Tgt Ion: 88 Resp: 222
Ion Ratio Lower Upper
88 100
58 212.2 51.8 77.6#
43 0.0 20.3 30.5#

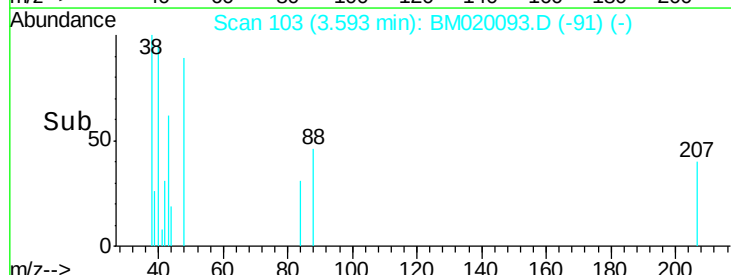
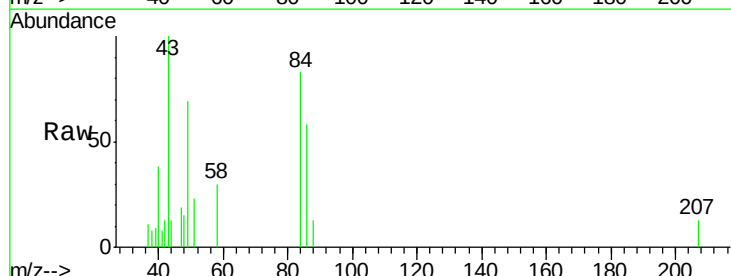
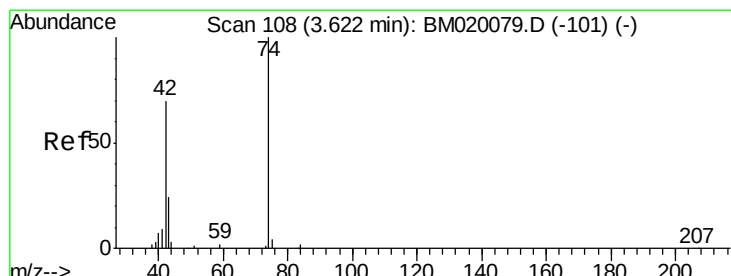
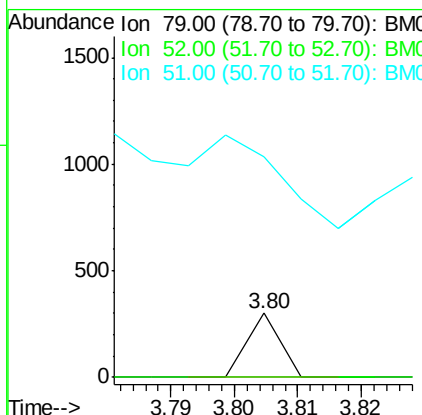




#3
 Pvridine
 Concen: 0.015 ng
 RT: 3.80 min Scan# 139
 Delta R.T. 0.11 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

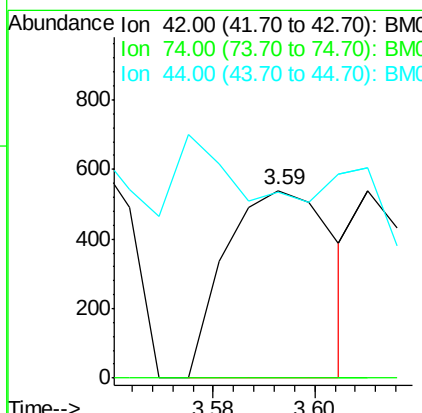
Instrument :
 BNA_M
 ClientSampled :

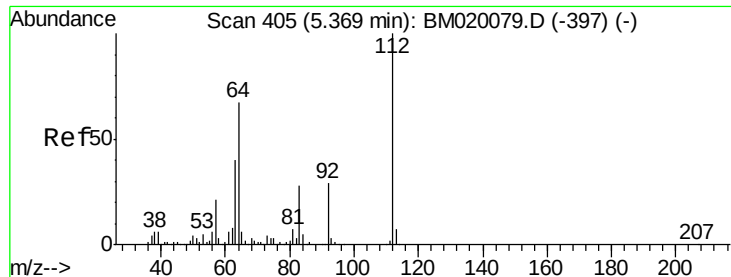
Tot Ion: 79 Resp: 106
 Ion Ratio Lower Upper
 79 100
 52 0.0 35.7 53.5#
 51 344.7 20.8 31.2#



#4
 n-Nitrosodimethylamine
 Concen: 0.351 ng
 RT: 3.59 min Scan# 103
 Delta R.T. -0.03 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

Tgt Ion: 42 Resp: 797
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.7 170.5#
 44 99.1 3.9 5.9#





#5

2-Fluorophenol

Concen: 154.058 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

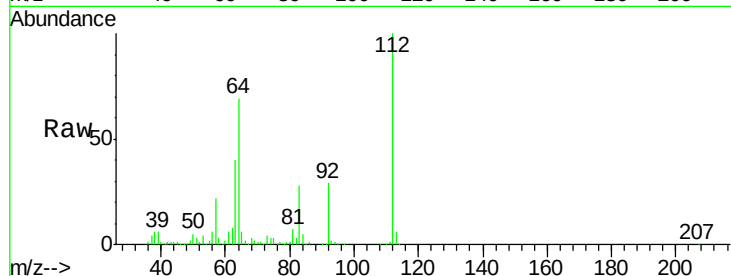
Tot Ion:112 Resp: 869931

Ion Ratio Lower Upper

112 100

64 69.3 53.8 80.6

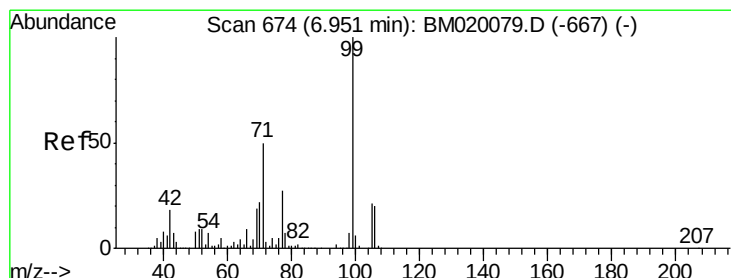
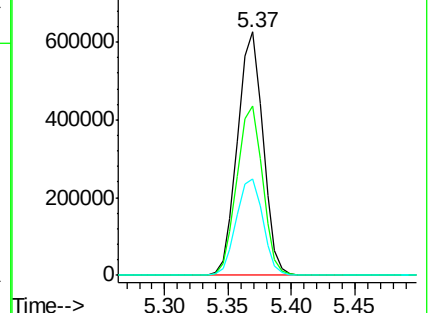
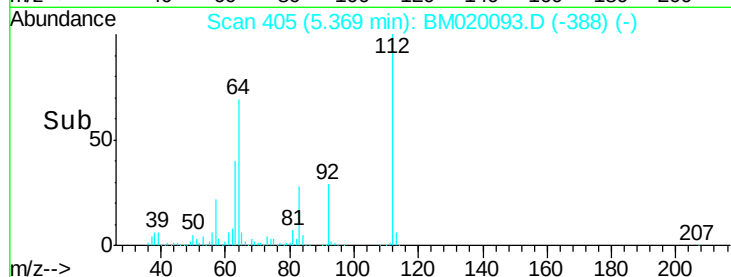
63 39.8 32.3 48.5



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



#7

Phenol-d6

Concen: 159.425 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

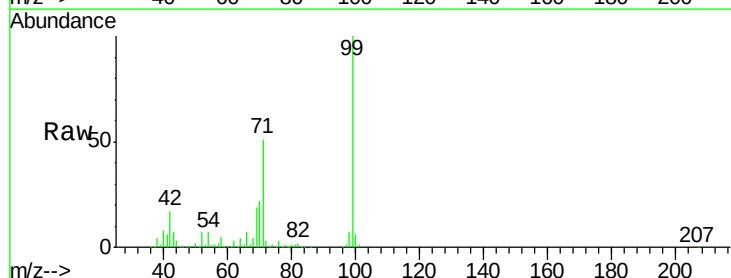
Tgt Ion: 99 Resp: 1229855

Ion Ratio Lower Upper

99 100

42 17.0 14.2 21.2

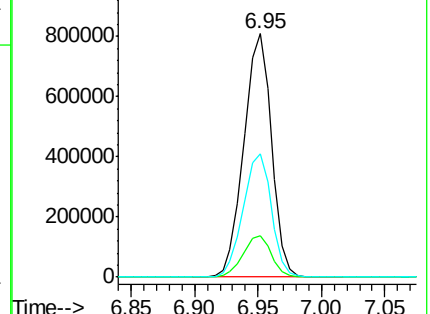
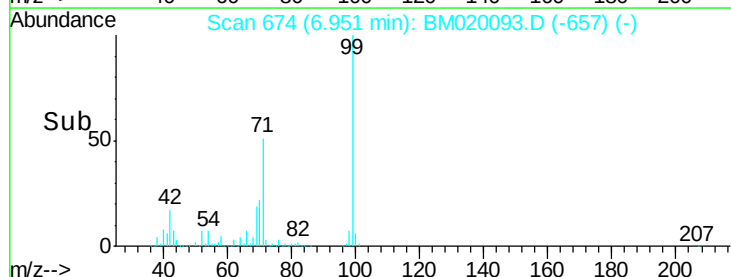
71 50.6 40.3 60.5

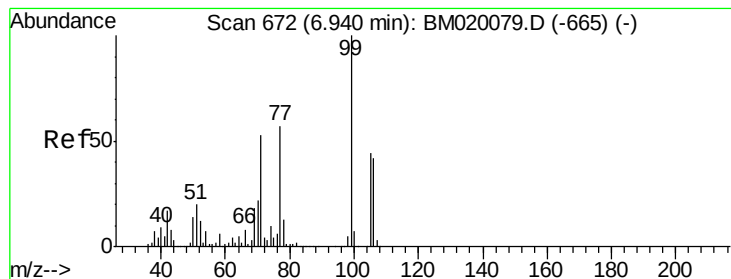


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#9

Benzaldehyde

Concen: 0.618 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

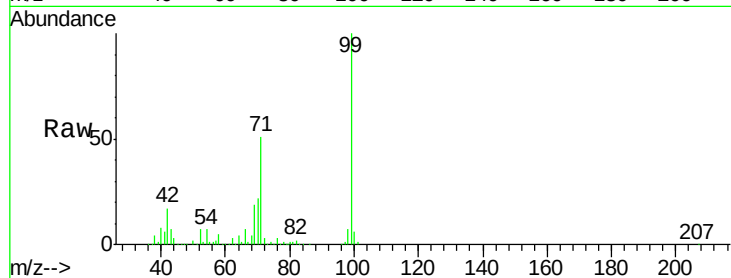
Tot Ion: 77 Resp: 3606

Ion Ratio Lower Upper

77 100

105 0.0 57.8 97.8#

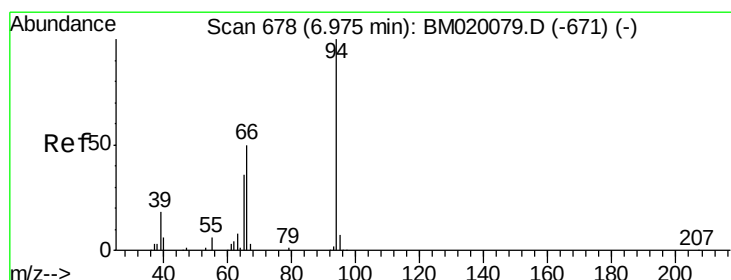
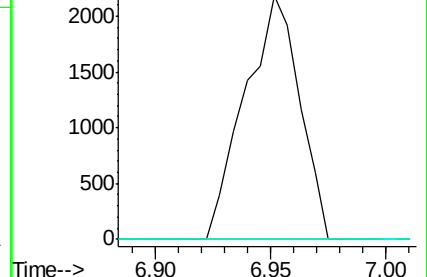
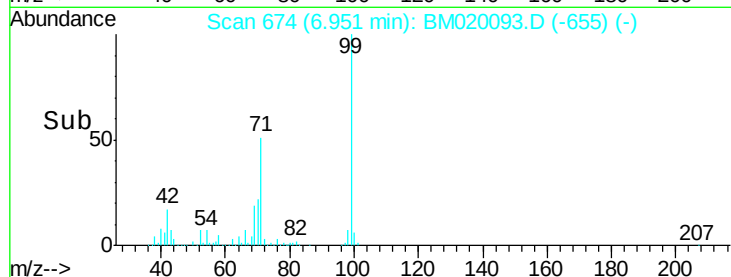
106 0.0 53.6 93.6#



Abundance Ion 77.00 (76.70 to 77.70): BM020093.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM020093.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM020093.D (-655) (-)



#10

Phenol

Concen: 0.446 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

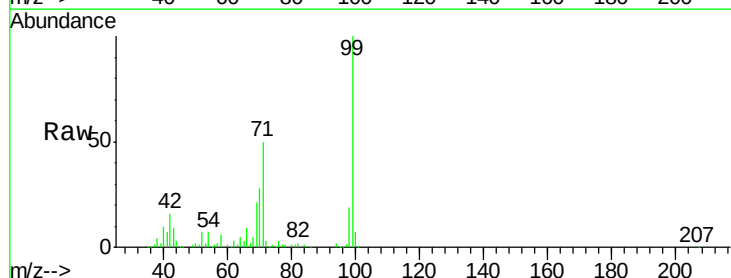
Tgt Ion: 94 Resp: 3702

Ion Ratio Lower Upper

94 100

65 114.3 17.0 57.0#

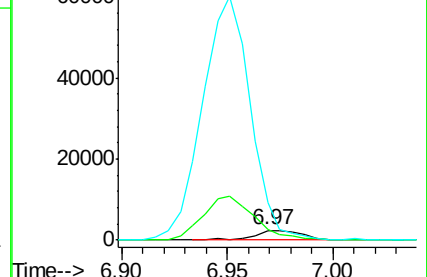
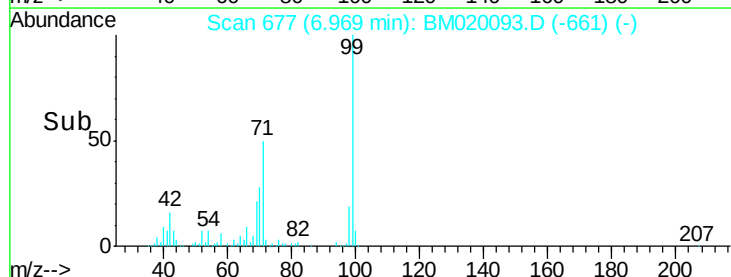
66 386.9 34.5 74.5#

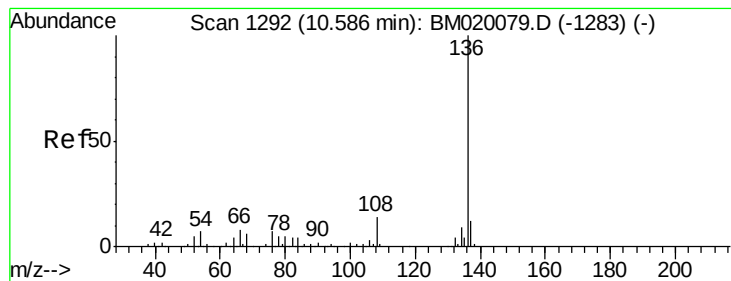


Abundance Ion 94.00 (93.70 to 94.70): BM020093.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020093.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020093.D (-661) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 328263

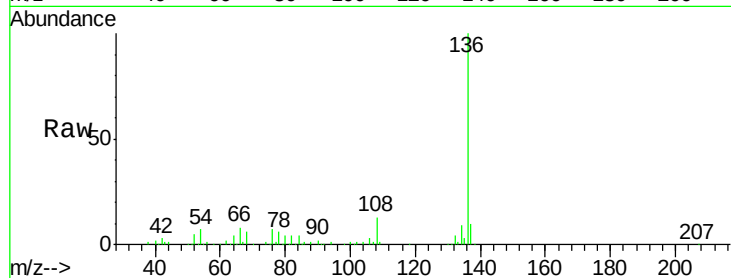
Ion Ratio Lower Upper

136 100

137 10.2 9.6 14.4

54 6.8 5.5 8.3

68 5.9 4.6 6.8

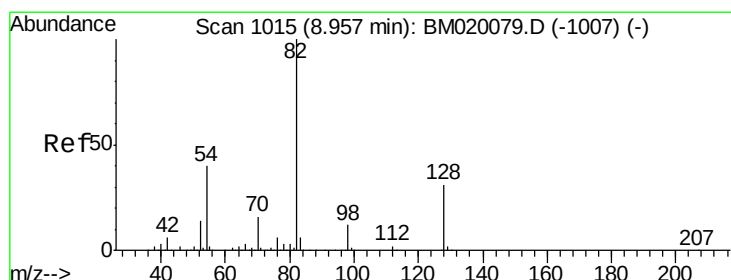
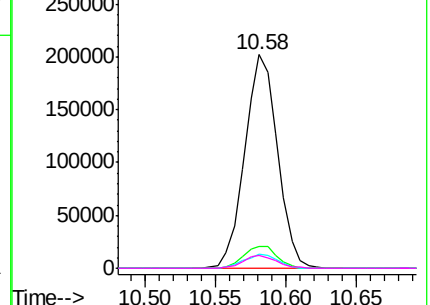
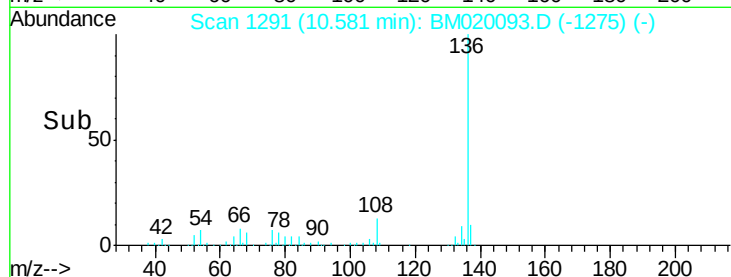


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 107.369 ng

RT: 8.96 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

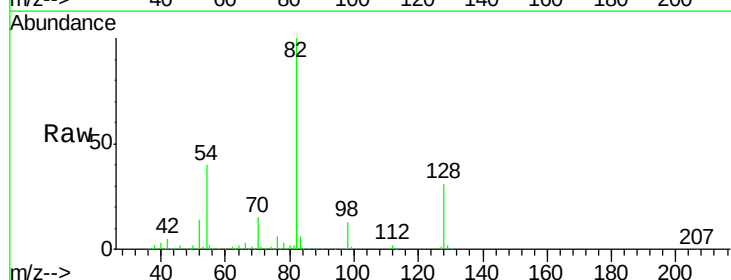
Tgt Ion: 82 Resp: 892738

Ion Ratio Lower Upper

82 100

128 31.4 25.2 37.8

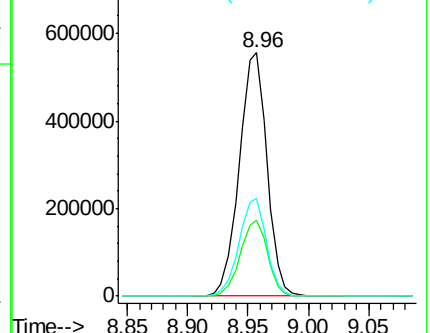
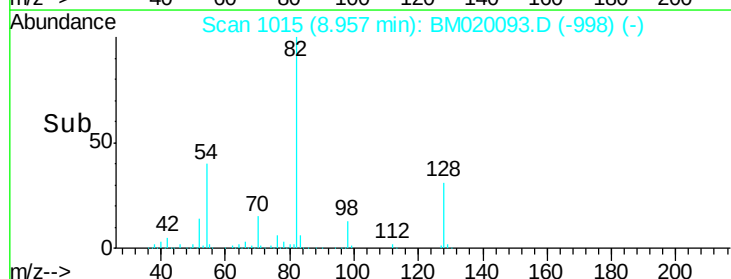
54 39.9 31.9 47.9

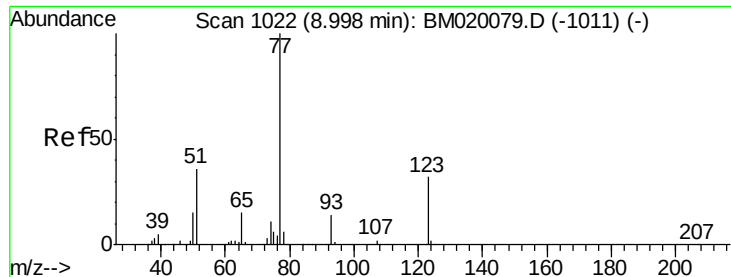


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#24

Nitrobenzene

Concen: 0.437 ng

RT: 8.95 min Scan# 1014

Delta R.T. -0.05 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

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ClientSampleId :

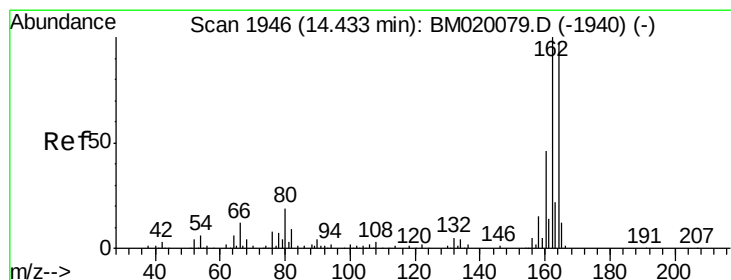
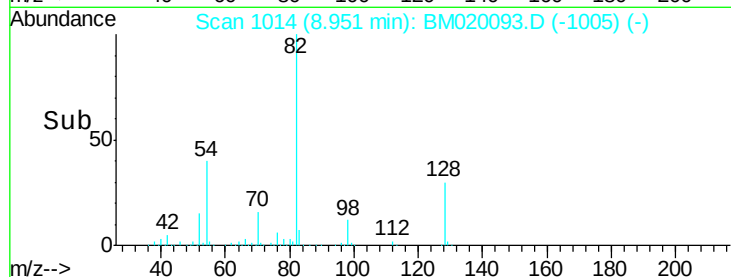
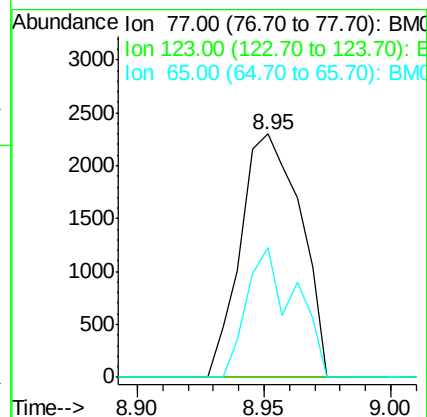
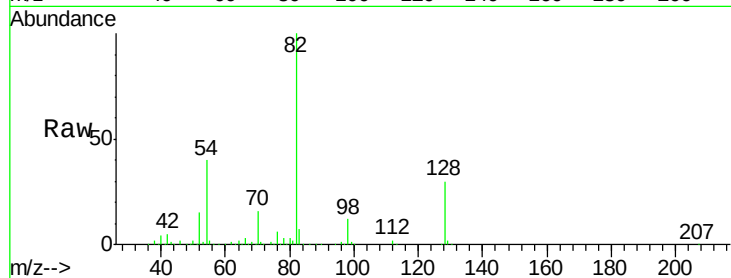
Tot Ion: 77 Resp: 3770

Ion Ratio Lower Upper

77 100

123 0.0 25.5 38.3#

65 53.2 11.8 17.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

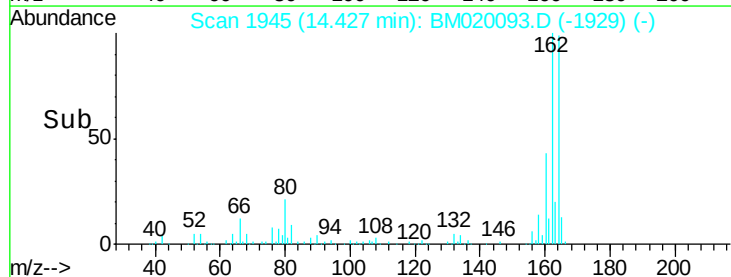
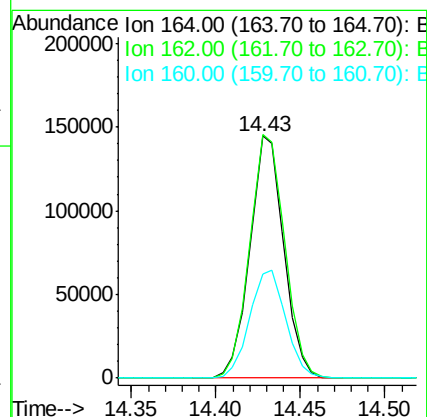
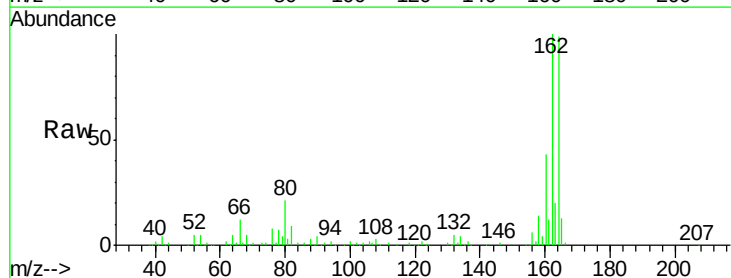
Tgt Ion: 164 Resp: 201947

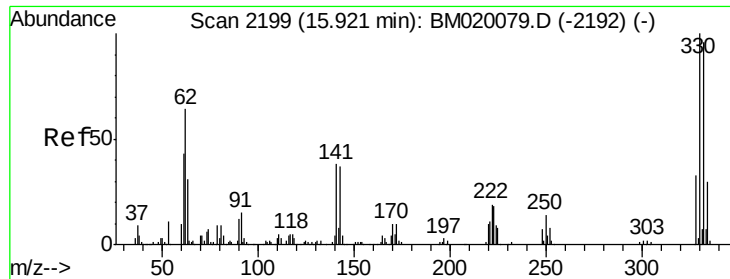
Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

160 42.9 37.6 56.4

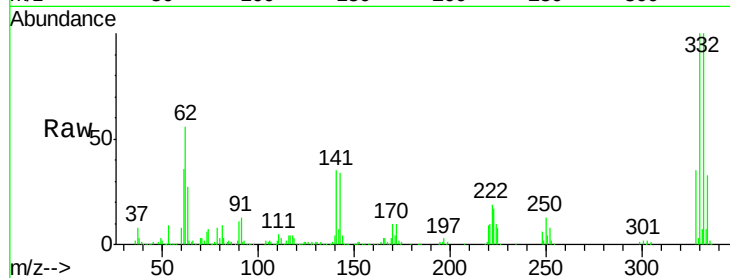




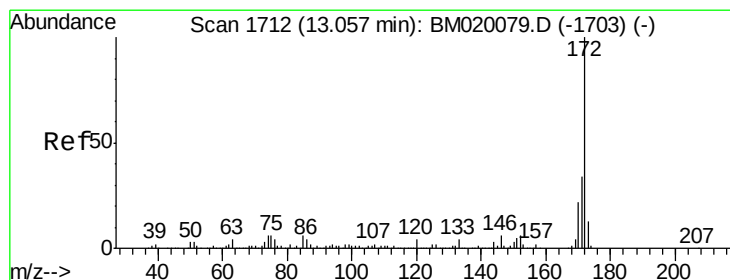
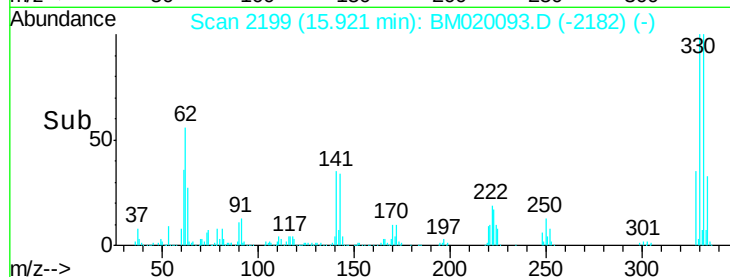
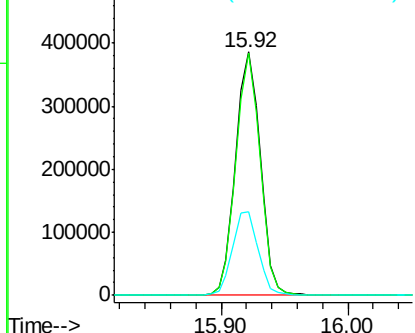
#42
 2,4,6-Tribromophenol
 Concen: 166.934 ng
 RT: 15.92 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 523272
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.8 115.2
 141 35.7 29.2 43.8

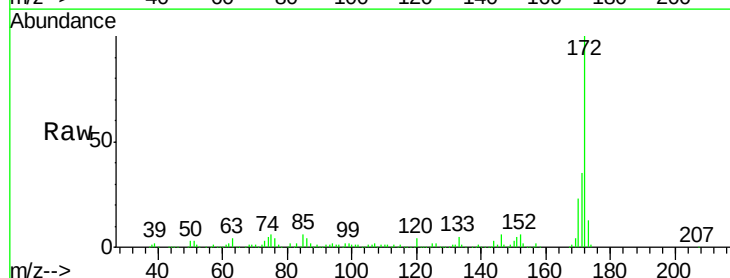


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

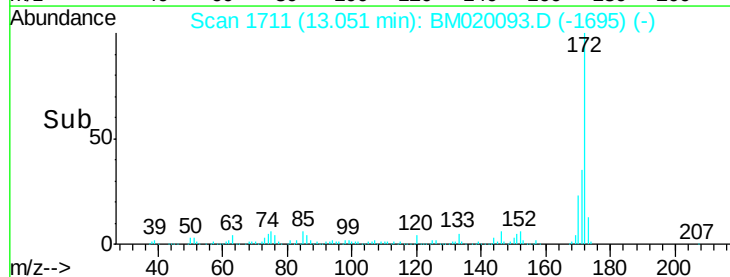
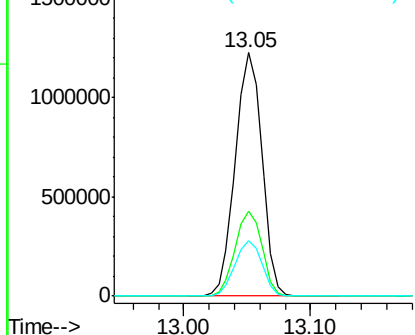


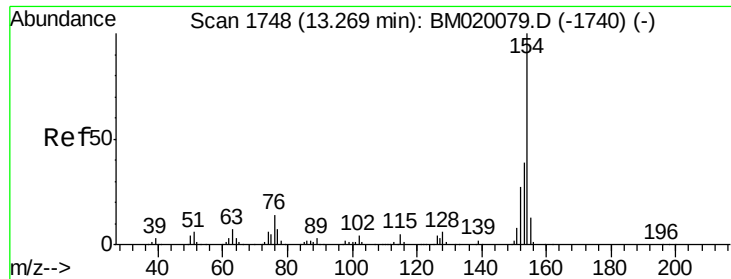
#45
 2-Fluorobiphenyl
 Concen: 108.570 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

Tgt Ion:172 Resp: 1782025
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.3 40.9
 170 22.7 17.9 26.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 0.110 ng

RT: 13.27 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

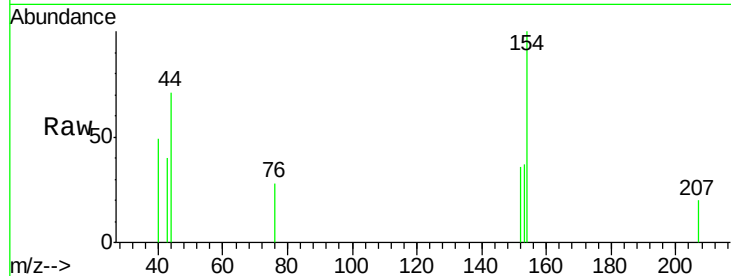
Tot Ion:154 Resp: 1825

Ion Ratio Lower Upper

154 100

153 37.4 19.4 59.4

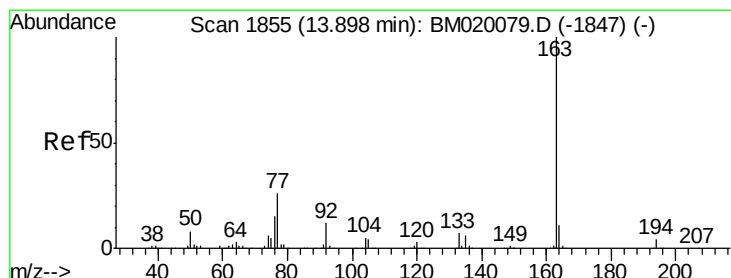
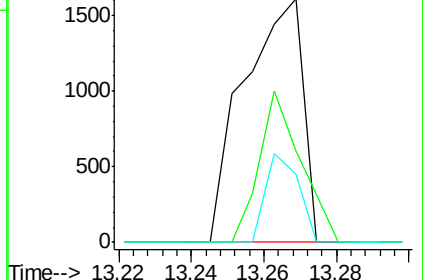
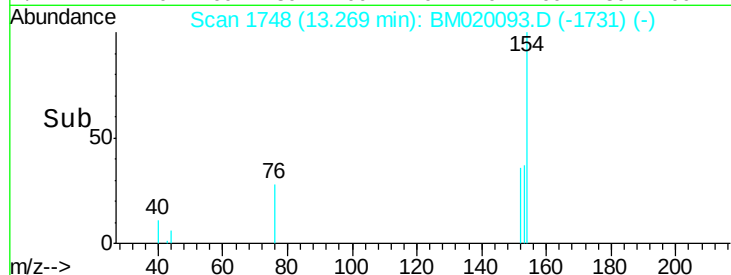
76 27.9 0.0 34.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#50

Dimethylphthalate

Concen: 6.935 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

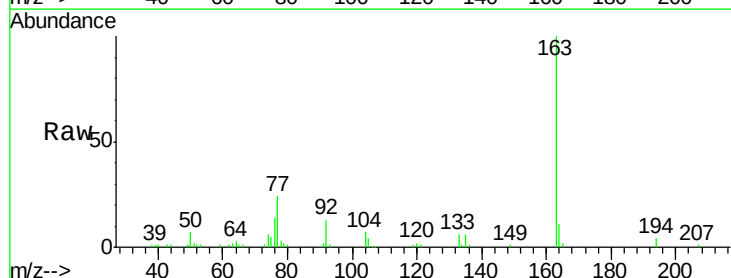
Tgt Ion:163 Resp: 119037

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

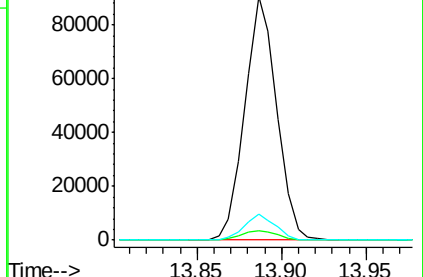
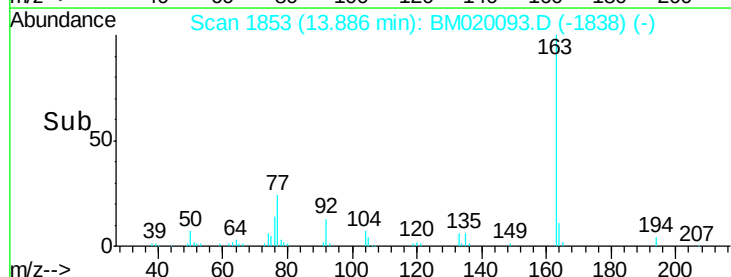
164 10.6 8.4 12.6

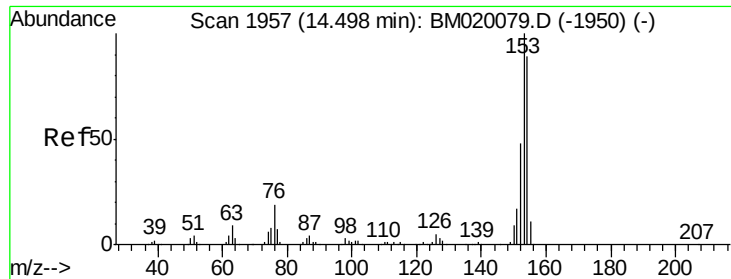


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.057 ng

RT: 14.43 min Scan# 1946

Delta R.T. -0.06 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

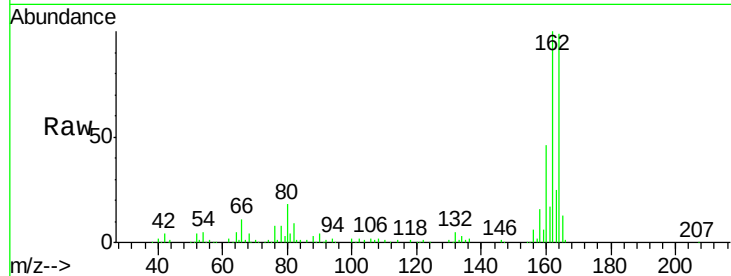
Tot Ion:154 Resp: 693

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

14.43

14.43

14.43

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14.43

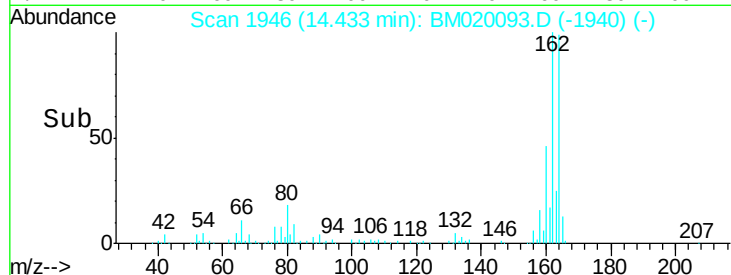
14.43

14.43

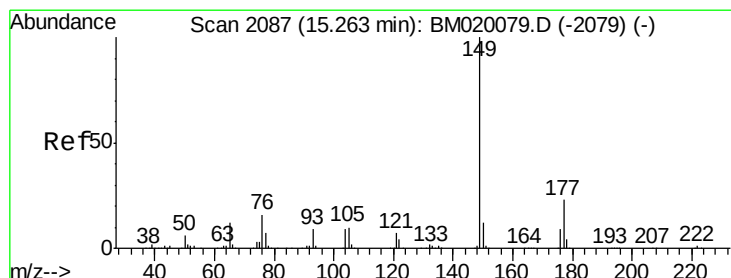
14.43

14.43

14.43



Time-->



#60

Diethylphthalate

Concen: 0.036 ng

RT: 15.25 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

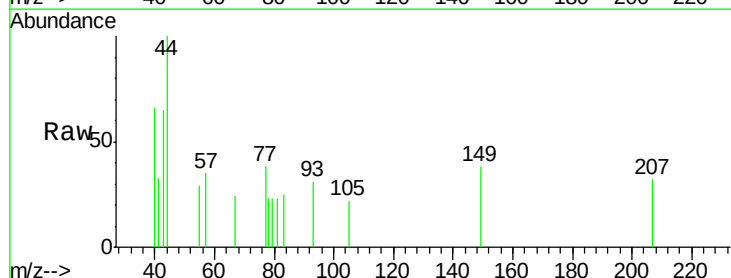
Tgt Ion:149 Resp: 619

Ion Ratio Lower Upper

149 100

177 0.0 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

15.25

15.25

15.25

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15.25

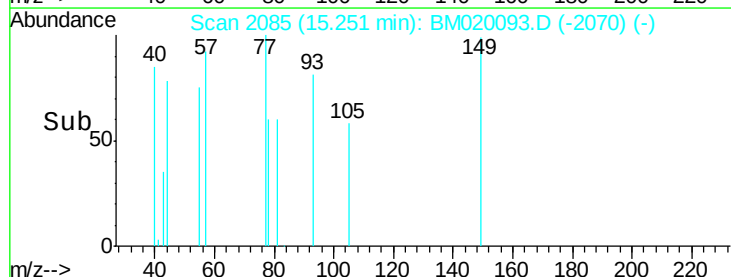
15.25

15.25

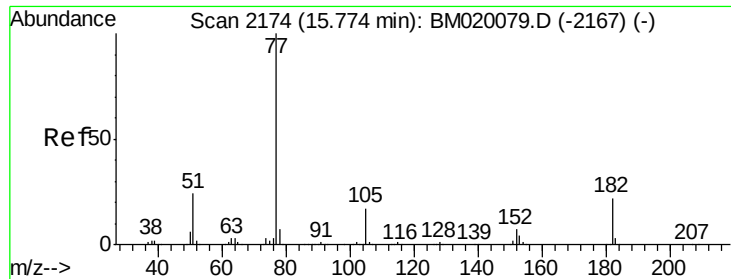
15.25

15.25

15.25



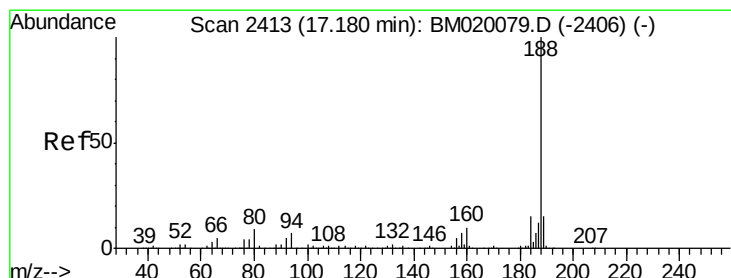
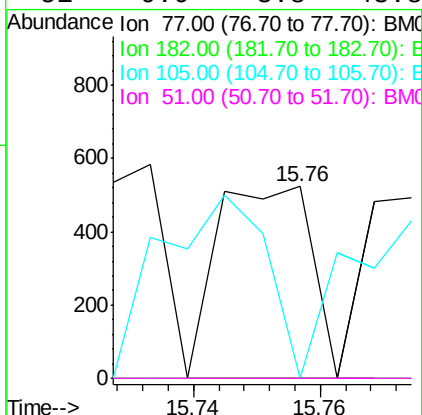
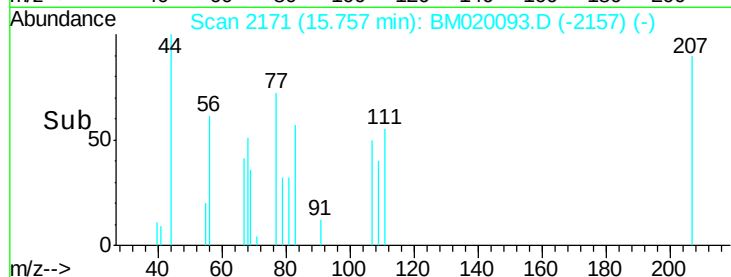
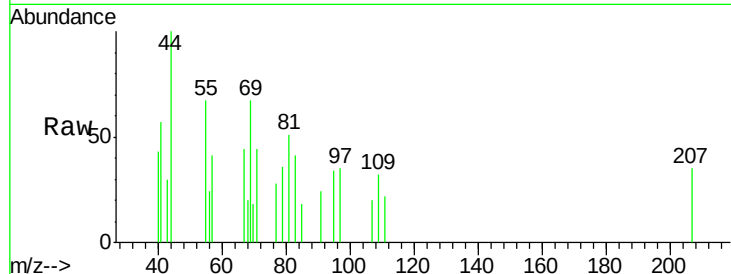
Time-->



#63
Azobenzene
Concen: 0.026 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BM020093.D
Acq: 01 May 2019 16:50

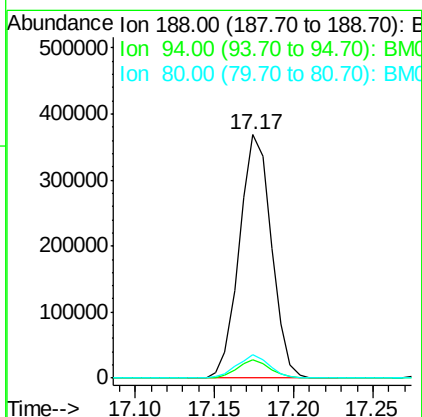
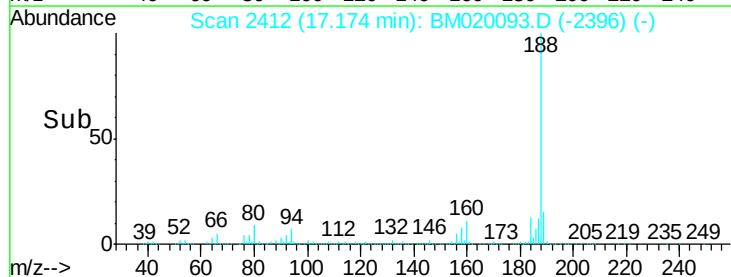
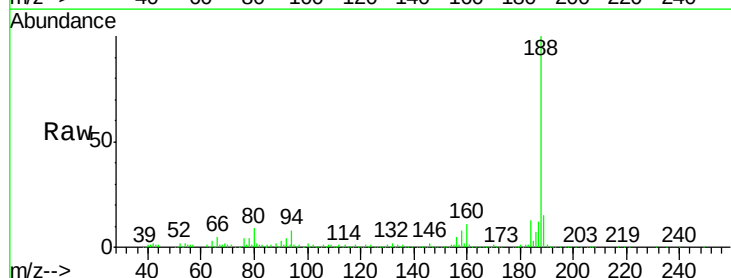
Instrument :
BNA_M
ClientSampled :

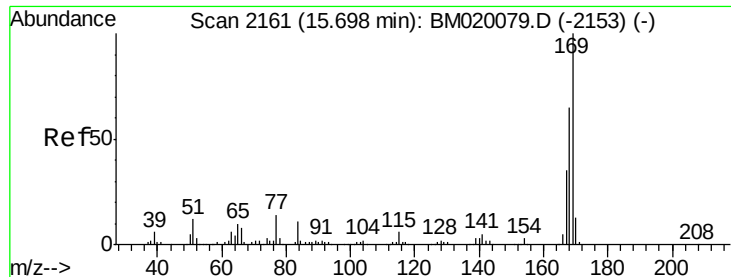
Tot Ion: 77 Resp: 538
Ion Ratio Lower Upper
77 100
182 0.0 2.1 42.1#
105 0.0 0.0 36.8
51 0.0 3.8 43.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020093.D
Acq: 01 May 2019 16:50

Tgt Ion: 188 Resp: 517760
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 9.5 7.4 11.2

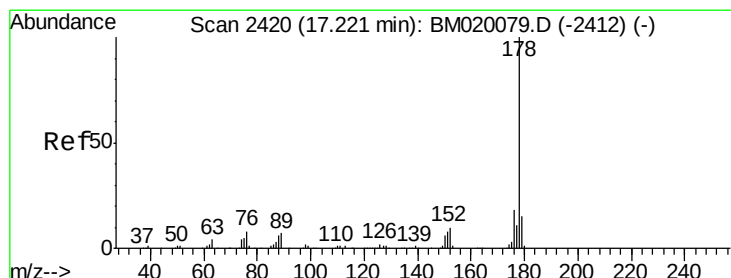
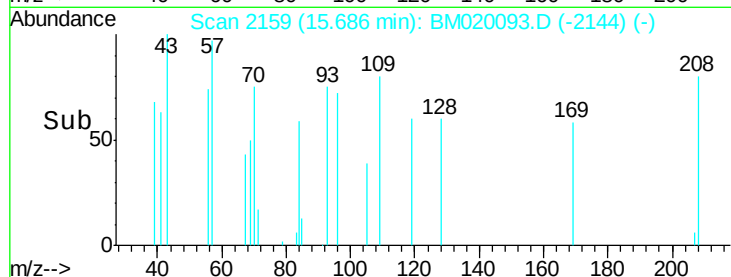
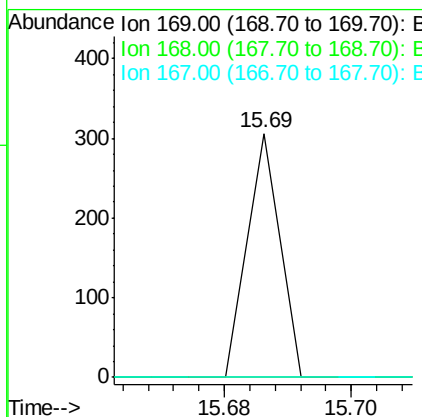
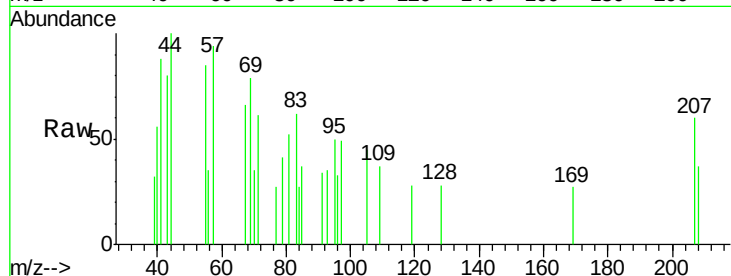




#66
 n-Nitrosodiphenylamine
 Concen: 0.007 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

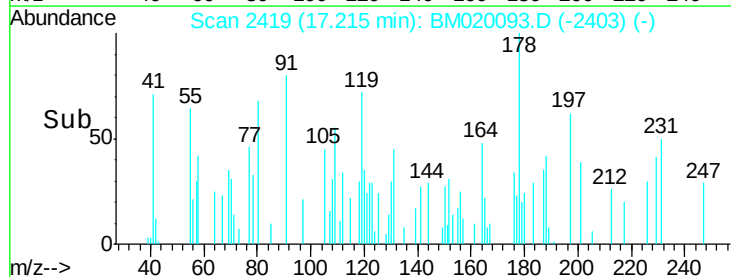
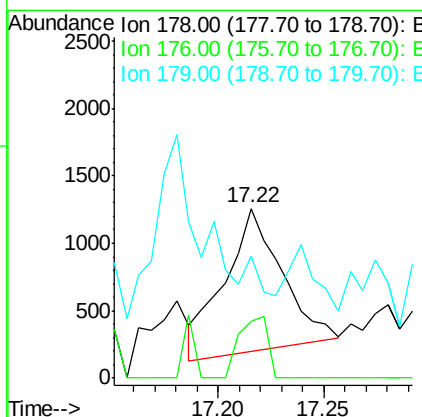
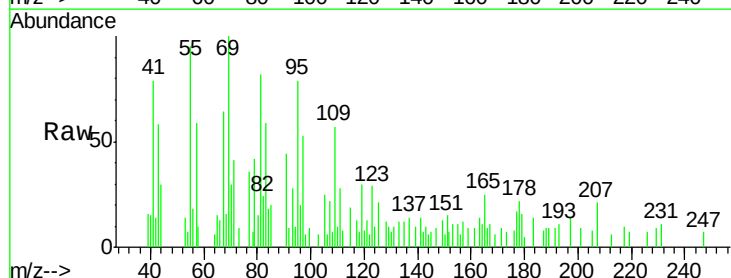
Instrument :
 BNA_M
 ClientSampleId :

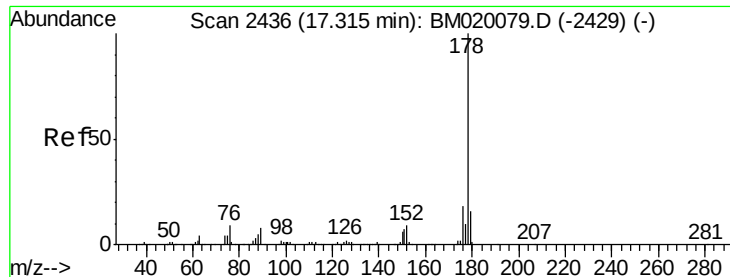
Tot Ion:169 Resp: 108
 Ion Ratio Lower Upper
 169 100
 168 0.0 51.9 77.9#
 167 0.0 27.8 41.6#



#71
 Phenanthrene
 Concen: 0.071 ng
 RT: 17.22 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

Tgt Ion:178 Resp: 2016
 Ion Ratio Lower Upper
 178 100
 176 33.6 14.6 21.8#
 179 71.9 12.4 18.6#





#72

Anthracene

Concen: 0.007 ng

RT: 17.32 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

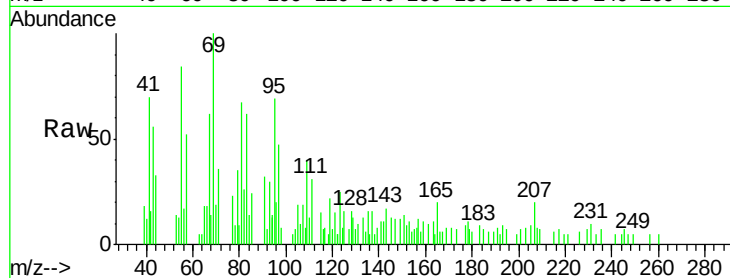
Tot Ion:178 Resp: 187

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

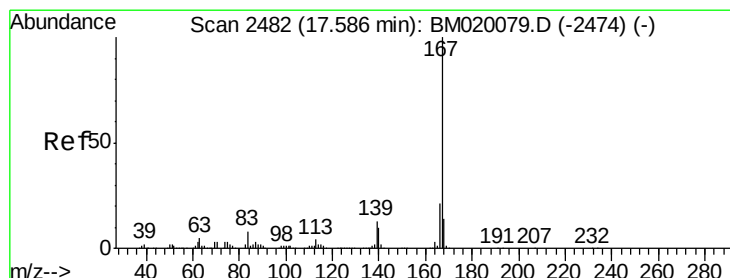
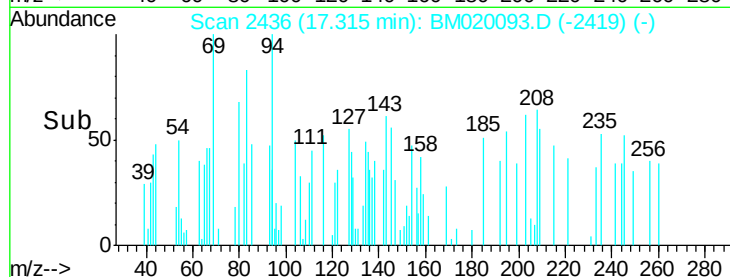
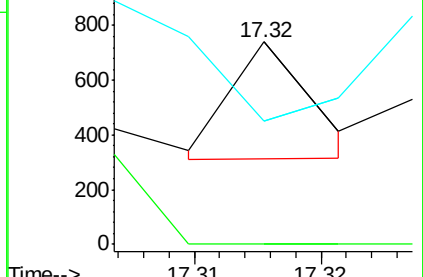
179 60.9 12.4 18.6#



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



#73

Carbazole

Concen: 0.033 ng

RT: 17.59 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

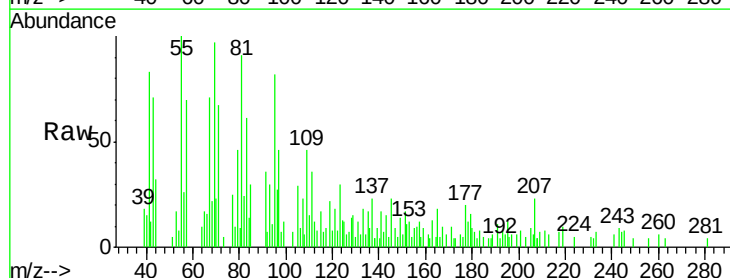
Tgt Ion:167 Resp: 862

Ion Ratio Lower Upper

167 100

166 53.8 17.0 25.6#

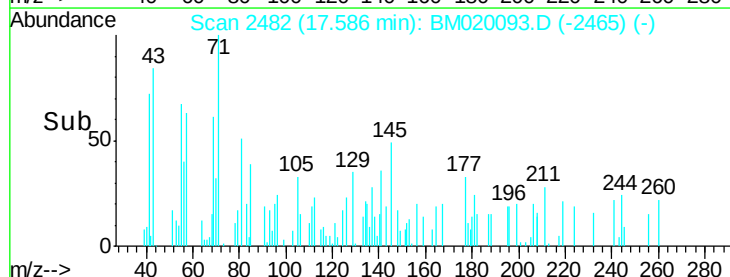
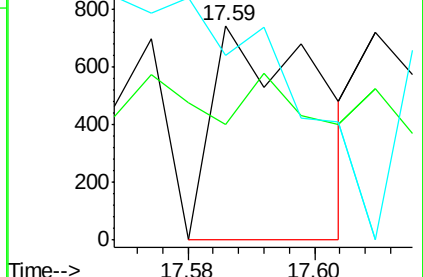
139 85.9 10.6 16.0#

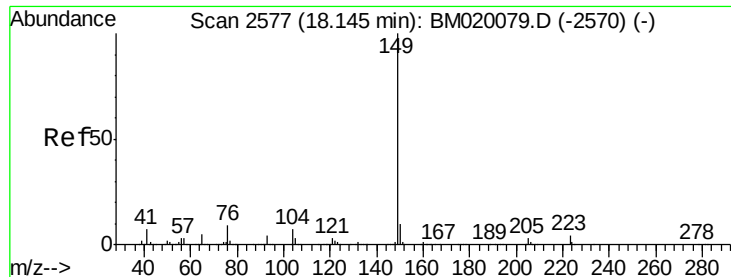


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.246 ng

RT: 18.14 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BM020093.D

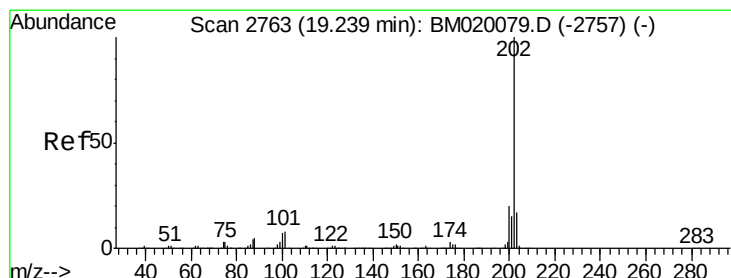
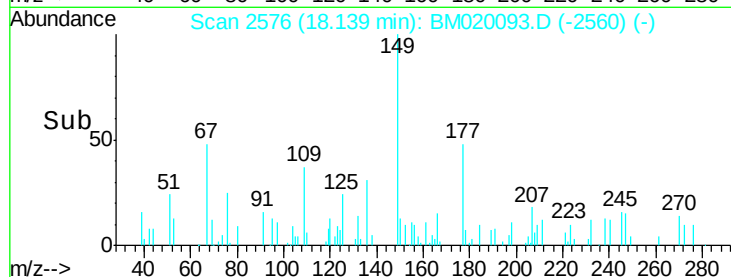
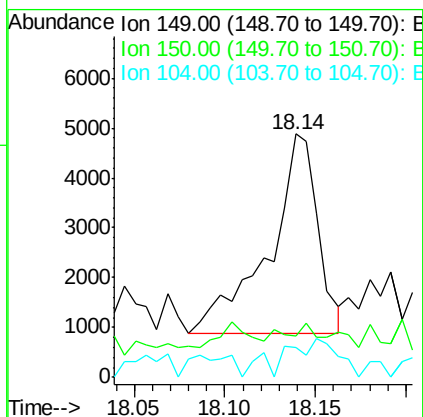
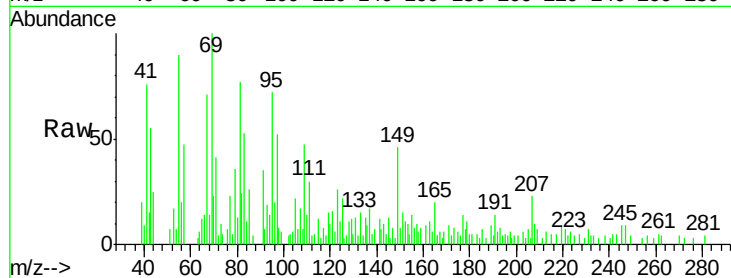
Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

Tot Ion:149	Resp:	7645
Ion Ratio	Lower	Upper
149	100	
150	17.1	7.8 11.6#
104	12.2	5.7 8.5#



#75

Fluoranthene

Concen: 0.133 ng

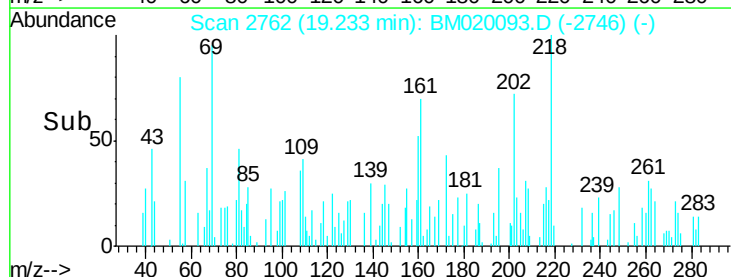
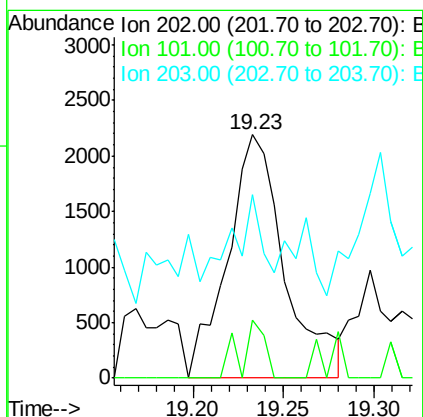
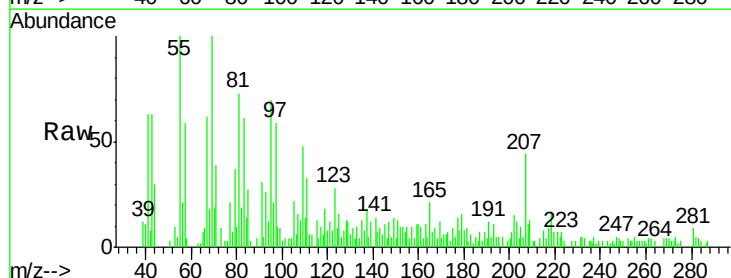
RT: 19.23 min Scan# 2762

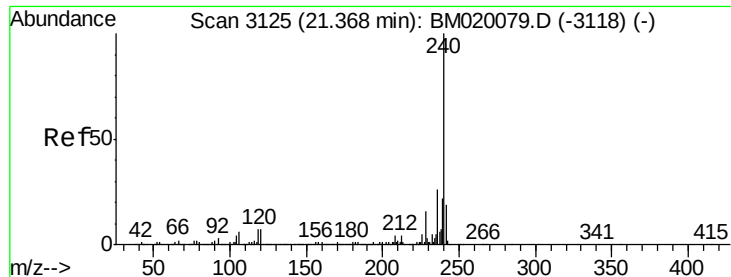
Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Tgt Ion:202	Resp:	4821
Ion Ratio	Lower	Upper
202	100	
101	23.9	0.0 28.4
203	75.3	0.0 37.4#

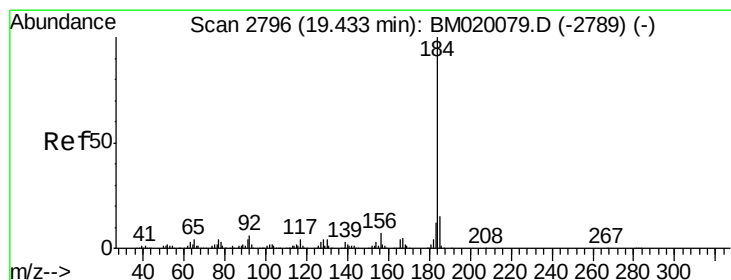
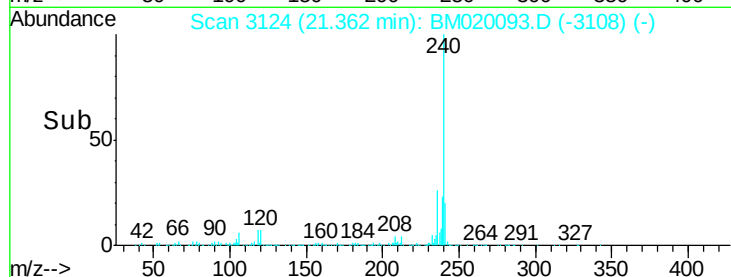
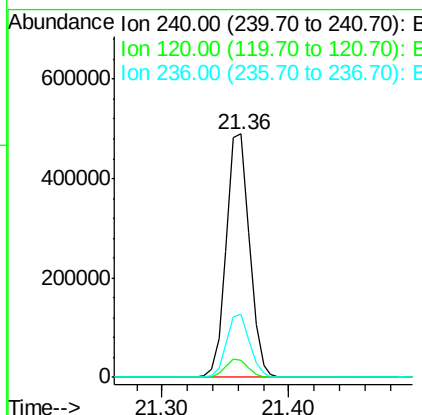
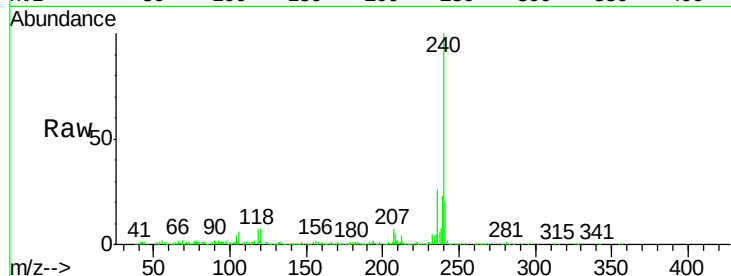




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM020093.D
Acq: 01 May 2019 16:50

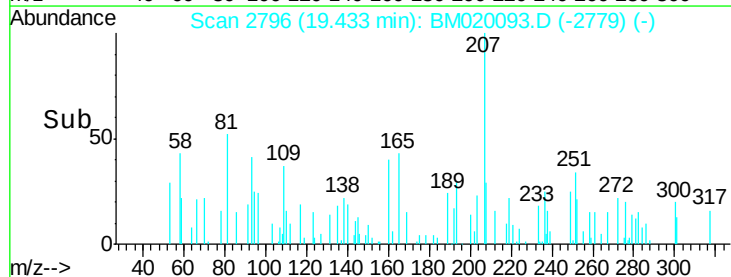
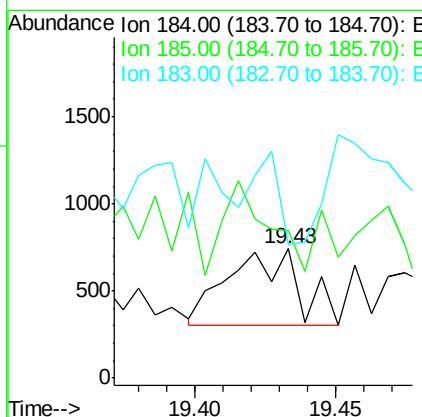
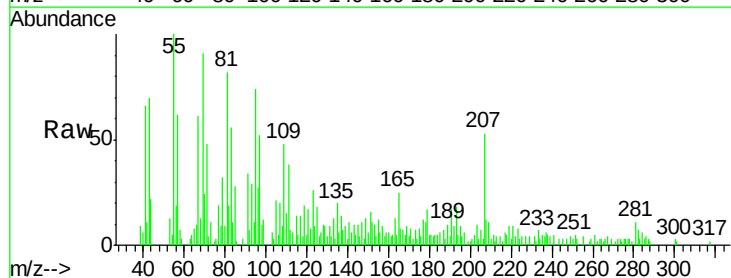
Instrument :
BNA_M
ClientSampleId :

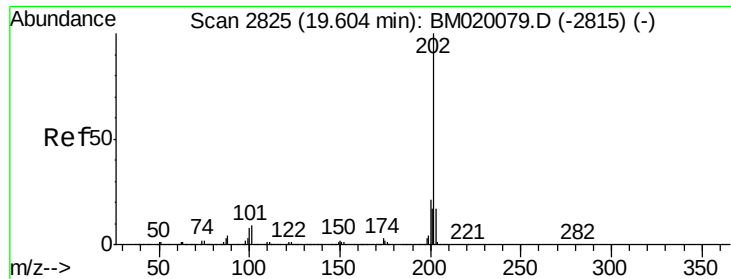
Tot Ion:240 Resp: 620462
Ion Ratio Lower Upper
240 100
120 6.9 5.6 8.4
236 25.9 20.9 31.3



#77
Benzidine
Concen: 0.039 ng
RT: 19.43 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BM020093.D
Acq: 01 May 2019 16:50

Tgt Ion:184 Resp: 772
Ion Ratio Lower Upper
184 100
185 114.2 12.0 18.0#
183 103.0 9.5 14.3#





#78

Pvrene

Concen: 0.064 ng

RT: 19.60 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

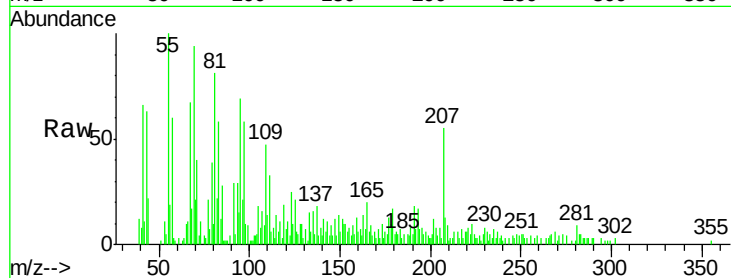
Tot Ion:202 Resp: 2657

Ion Ratio Lower Upper

202 100

200 50.7 16.5 24.7#

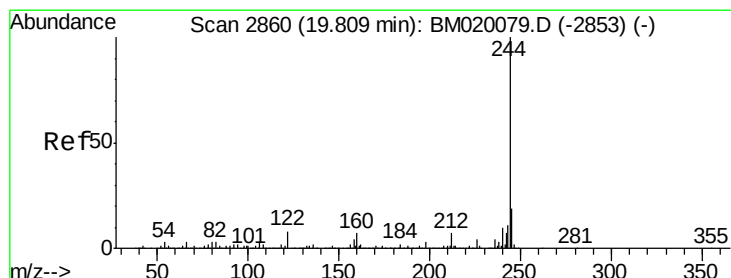
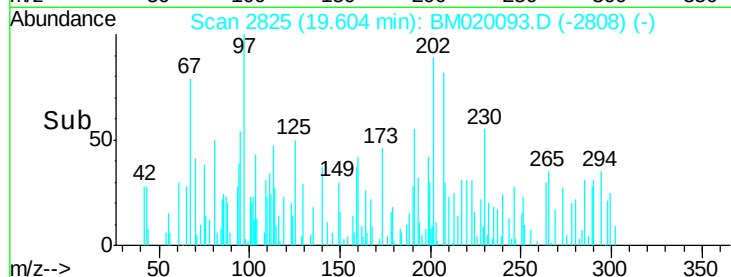
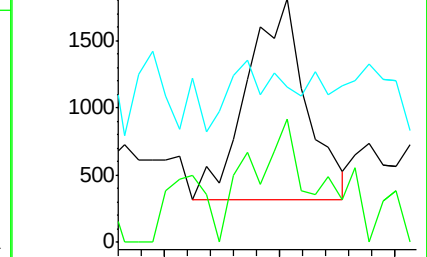
203 64.0 13.9 20.9#



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: 104.681 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

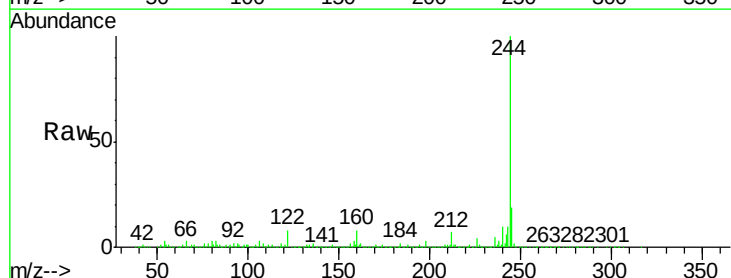
Tgt Ion:244 Resp: 3723761

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

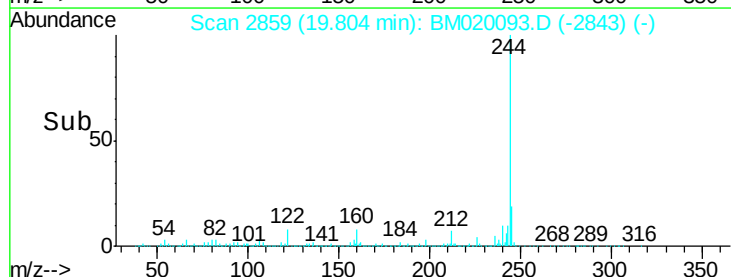
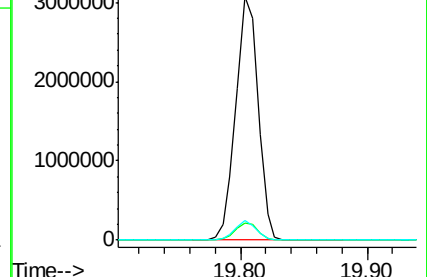
122 7.8 6.2 9.2

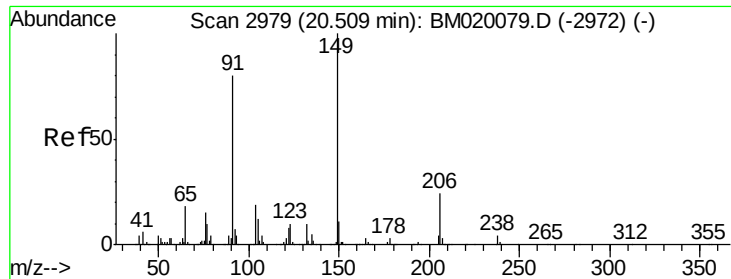


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

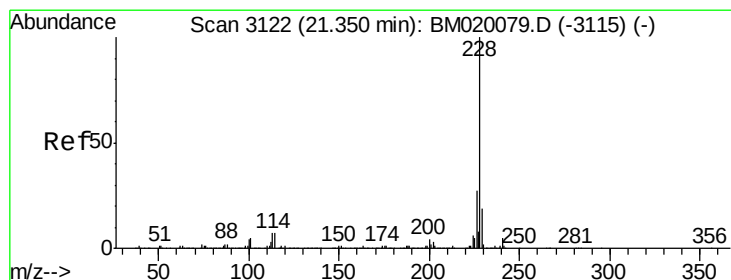
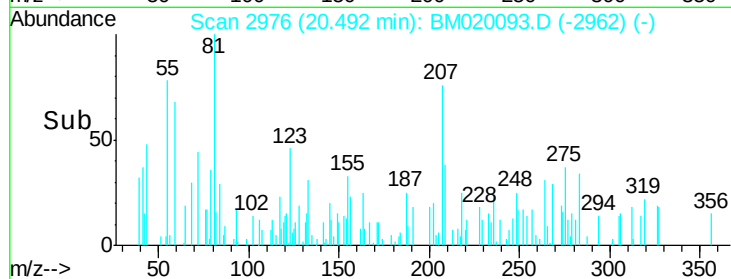
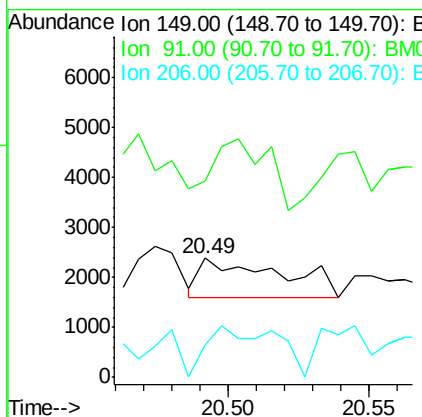
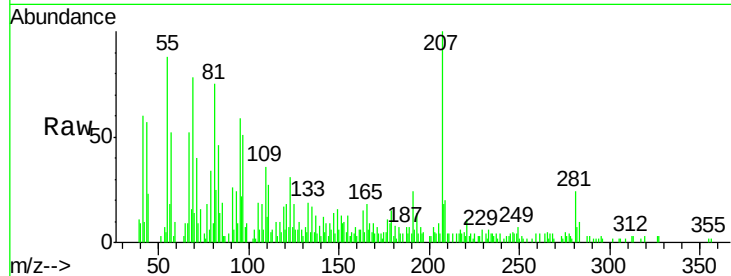




#80
 Butylbenzylphthalate
 Concen: 0.101 ng
 RT: 20.49 min Scan# 2976
 Delta R.T. -0.02 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

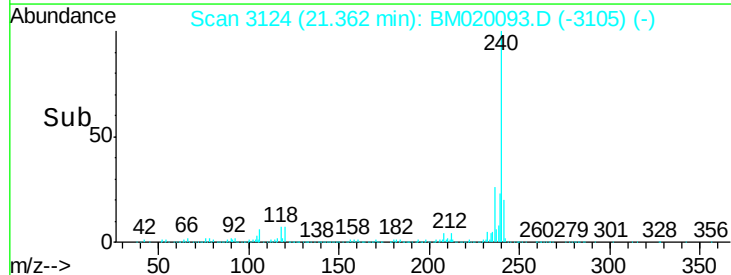
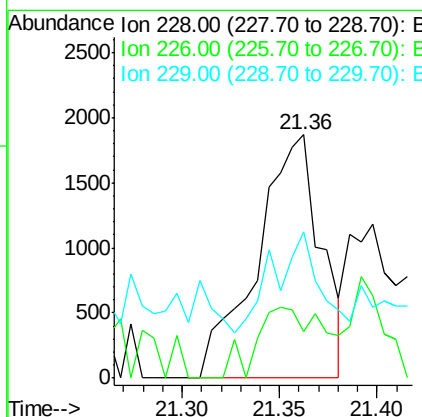
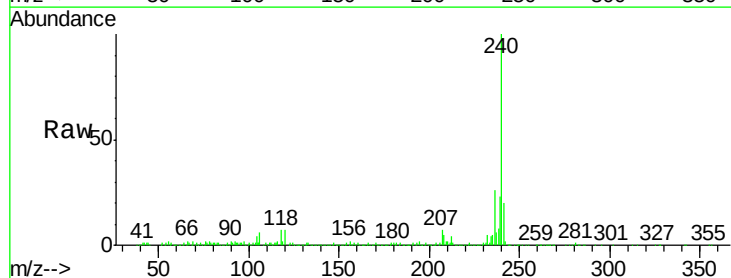
Instrument :
 BNA_M
 ClientSampled :

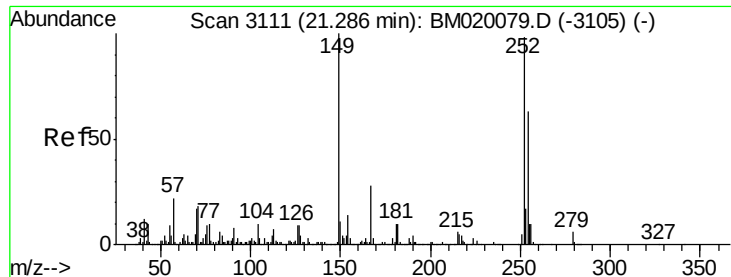
Tot Ion:149 Resp: 1530
 Ion Ratio Lower Upper
 149 100
 91 164.9 63.8 95.8#
 206 27.6 18.9 28.3



#81
 Benzo(a)anthracene
 Concen: 0.097 ng
 RT: 21.36 min Scan# 3124
 Delta R.T. 0.01 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

Tgt Ion:228 Resp: 4235
 Ion Ratio Lower Upper
 228 100
 226 19.3 21.3 31.9#
 229 59.9 15.5 23.3#

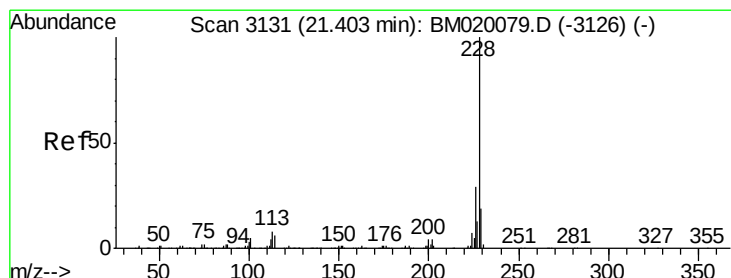
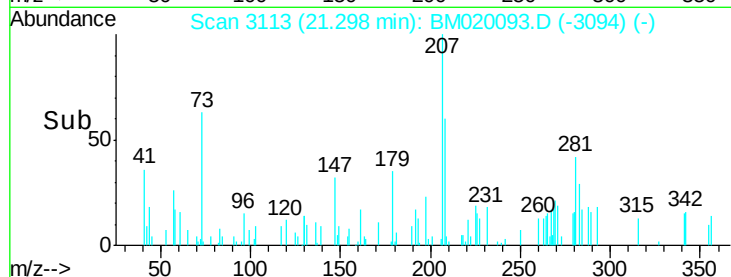
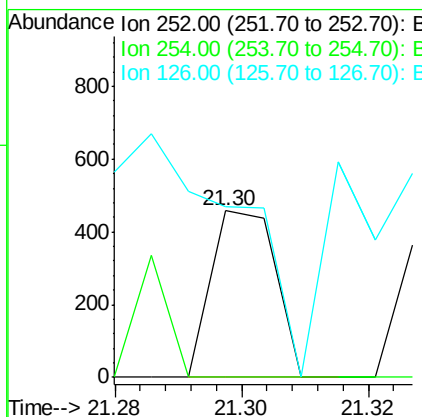
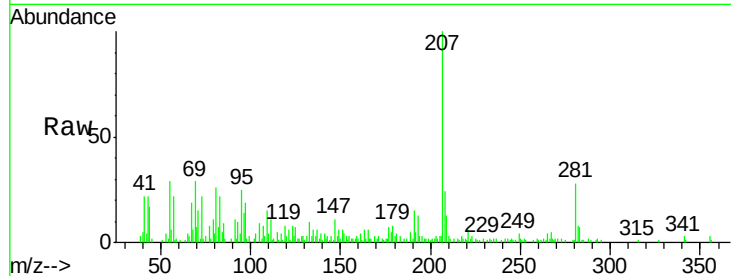




#82
 3,3'-Dichlorobenzidine
 Concen: 0.019 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. 0.01 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

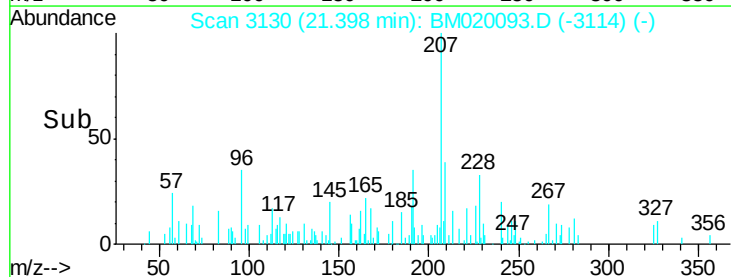
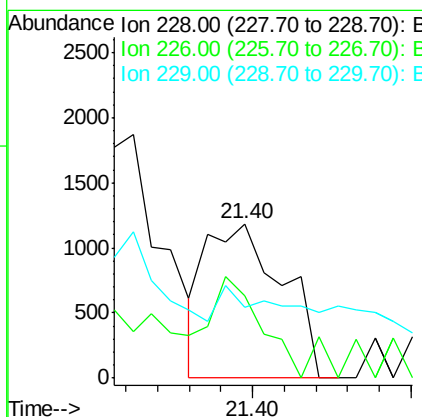
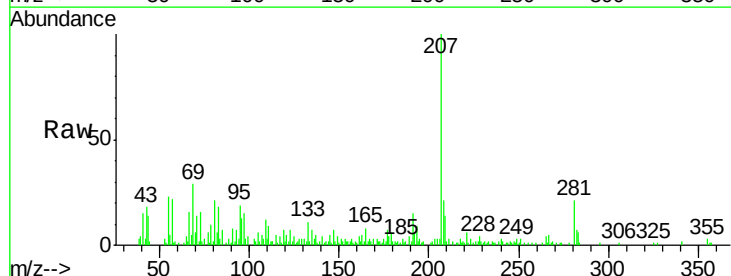
Instrument :
 BNA_M
 ClientSampled :

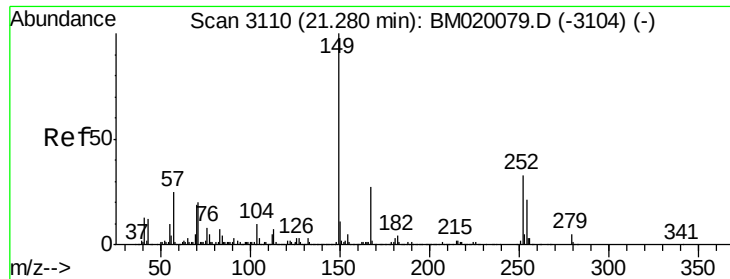
Tot Ion:252 Resp: 316
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.1 76.7#
 126 102.2 7.1 10.7#



#83
 Chrysene
 Concen: 0.047 ng
 RT: 21.40 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

Tgt Ion:228 Resp: 1994
 Ion Ratio Lower Upper
 228 100
 226 53.3 23.0 34.6#
 229 46.2 15.5 23.3#

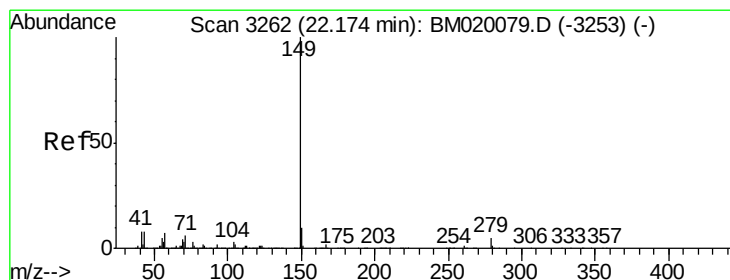
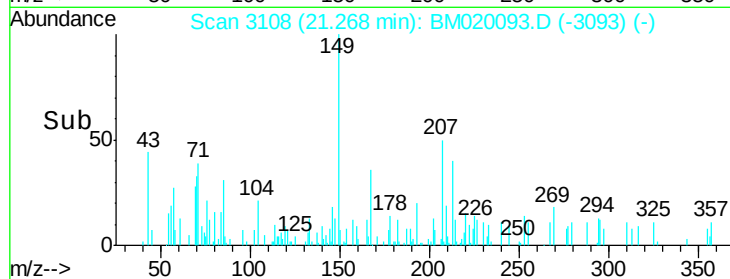
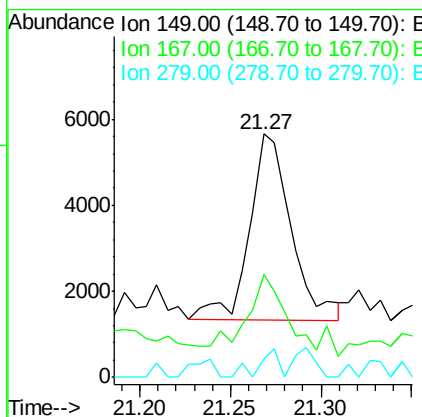
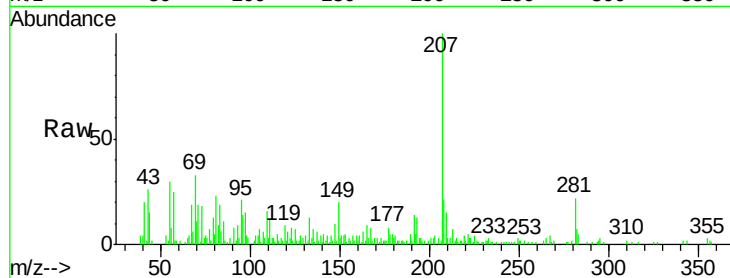




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.295 ng
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

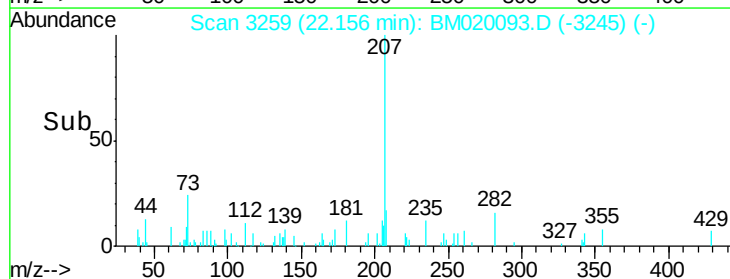
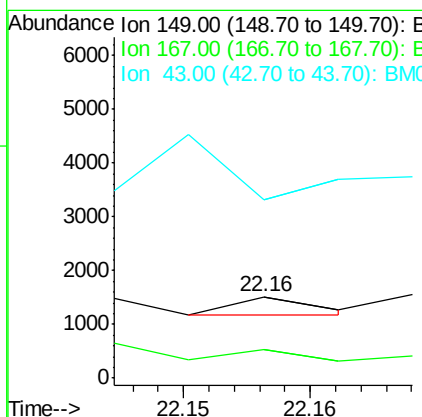
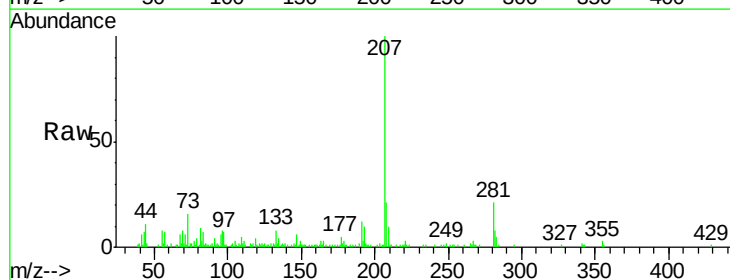
Instrument :
 BNA_M
 ClientSampleId :

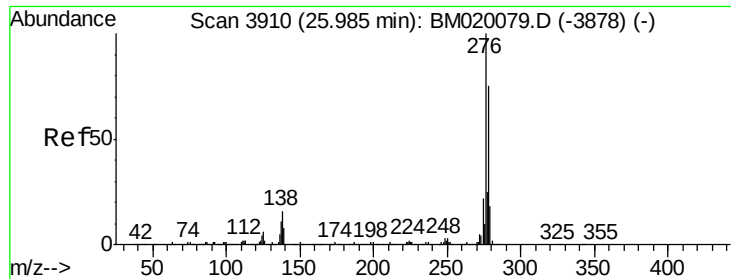
Tot Ion:149 Resp: 6927
 Ion Ratio Lower Upper
 149 100
 167 42.4 21.8 32.8#
 279 7.7 4.2 6.2#



#85
 Di-n-octyl phthalate
 Concen: 0.004 ng
 RT: 22.16 min Scan# 3259
 Delta R.T. -0.02 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

Tgt Ion:149 Resp: 148
 Ion Ratio Lower Upper
 149 100
 167 193.2 1.3 1.9#
 43 906.8 6.5 9.7#

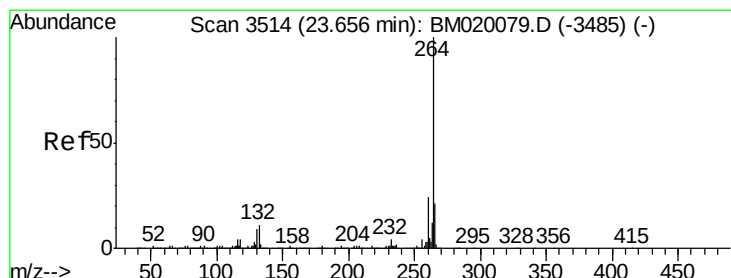
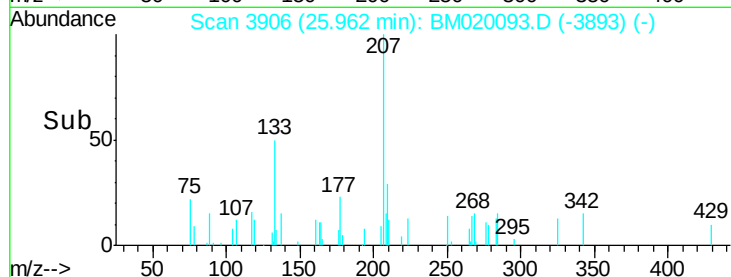
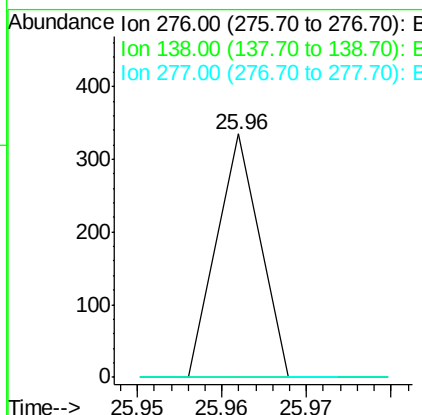
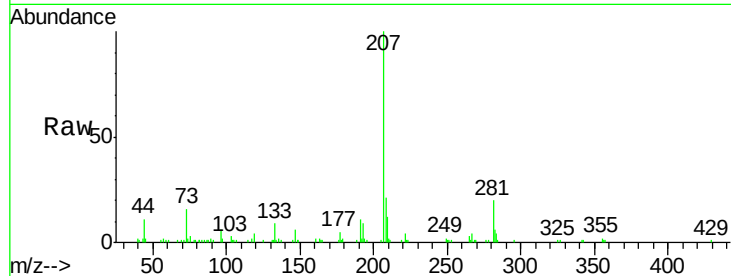




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.002 ng
 RT: 25.96 min Scan# 3906
 Delta R.T. -0.02 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

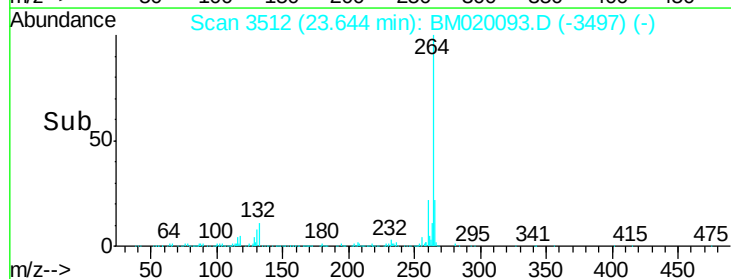
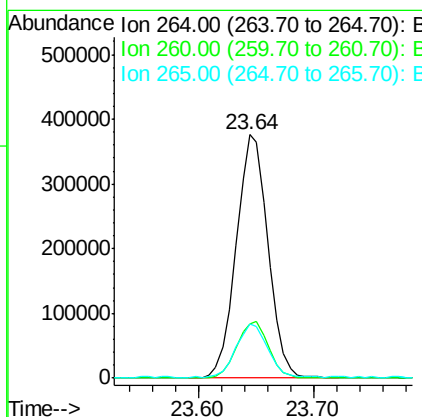
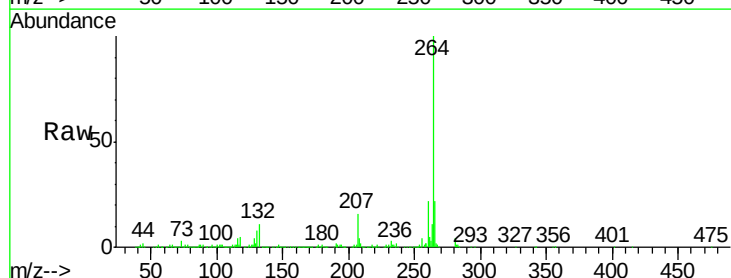
Instrument :
 BNA_M
 ClientSampleId :

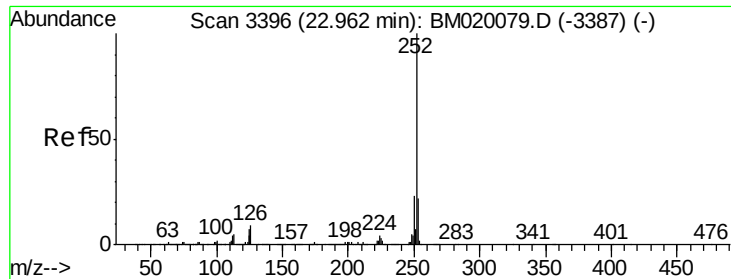
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3512
 Delta R.T. -0.01 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	22.3	16.9	25.3





#88

Benzo(b)fluoranthene

Concen: 0.045 ng

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

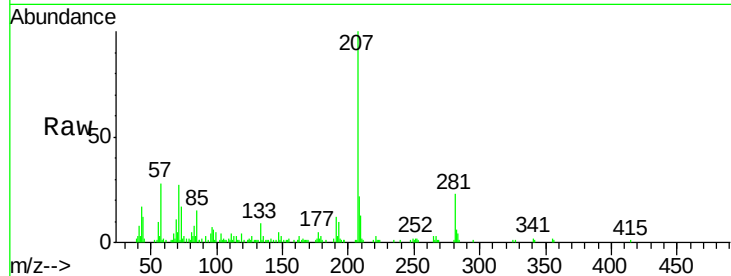
Tot Ion:252 Resp: 2128

Ion Ratio Lower Upper

252 100

253 63.5 17.5 26.3#

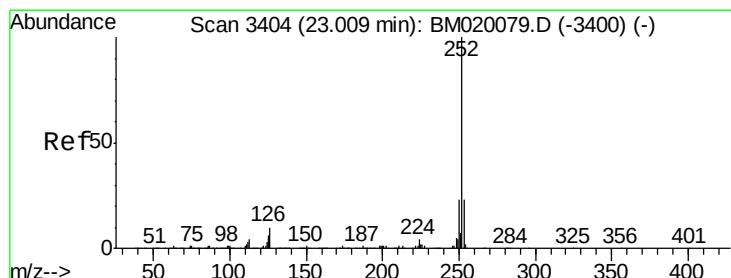
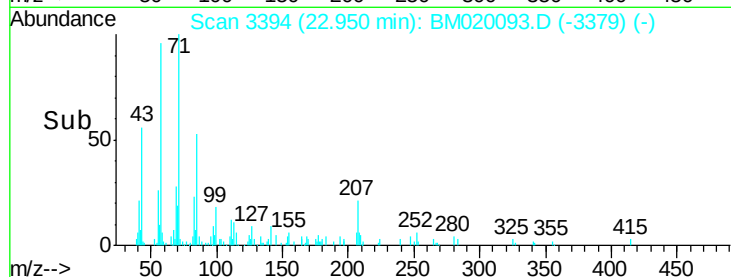
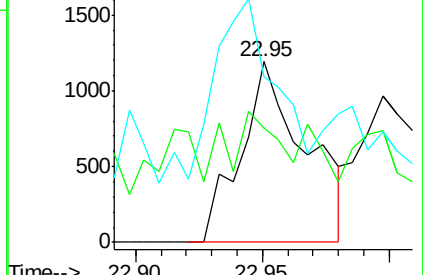
125 91.8 5.4 8.2#



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: 0.039 ng

RT: 23.00 min Scan# 3402

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

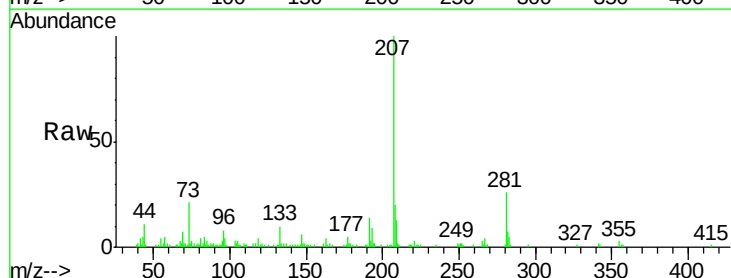
Tgt Ion:252 Resp: 1685

Ion Ratio Lower Upper

252 100

253 76.7 17.8 26.8#

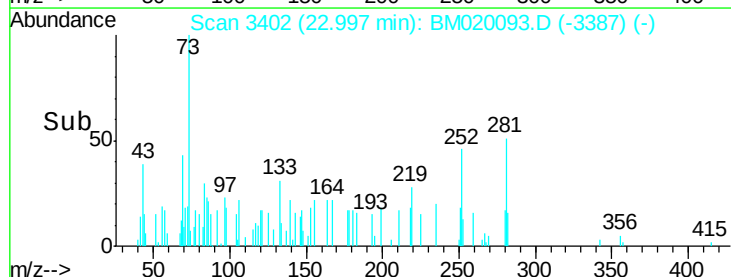
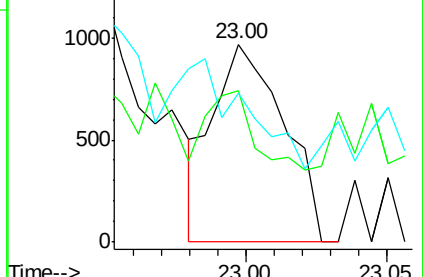
125 75.2 5.4 8.0#

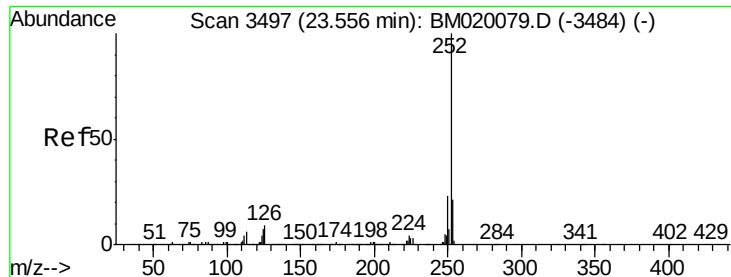


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.027 ng

RT: 23.53 min Scan# 3492

Delta R.T. -0.03 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampled :

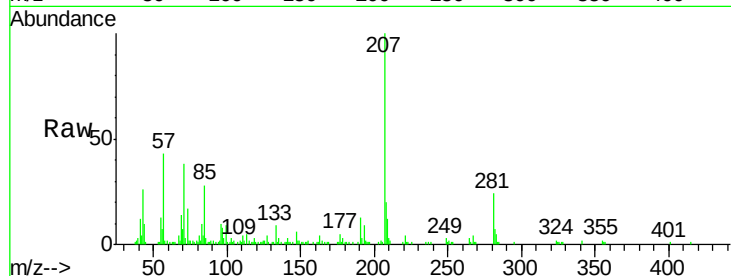
Tot Ion:252 Resp: 1171

Ion Ratio Lower Upper

252 100

253 121.1 17.0 25.6#

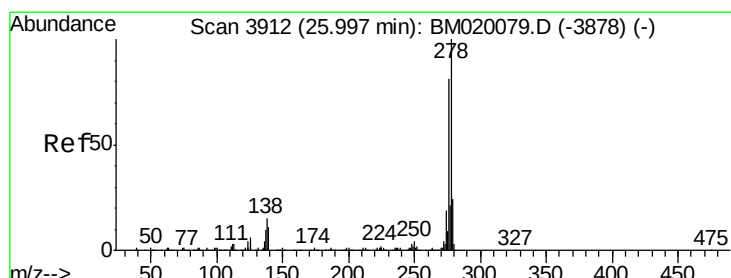
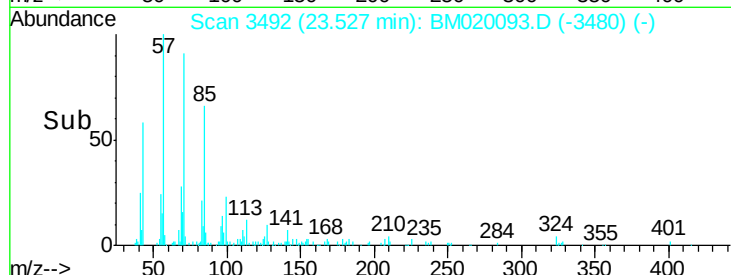
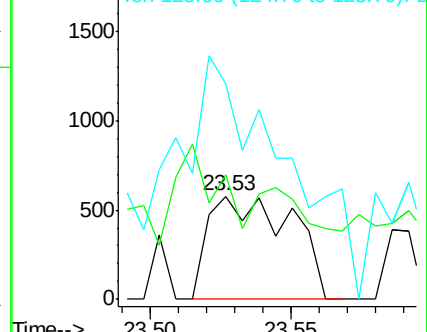
125 208.3 5.5 8.3#



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: 0.003 ng

RT: 25.96 min Scan# 3906

Delta R.T. -0.04 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

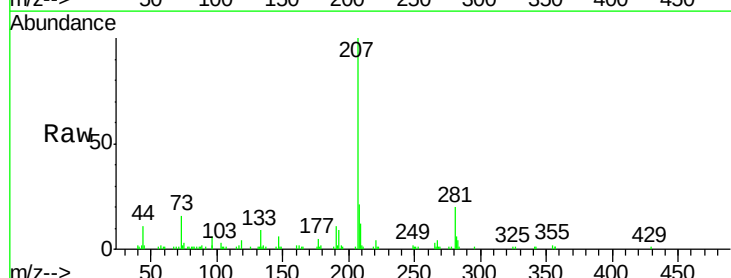
Tgt Ion:278 Resp: 113

Ion Ratio Lower Upper

278 100

139 0.0 8.6 13.0#

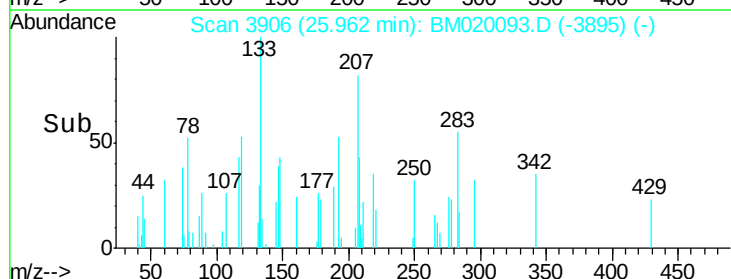
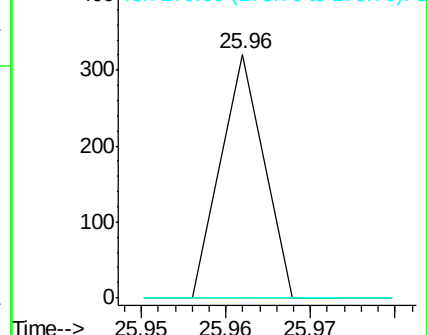
279 0.0 18.8 28.2#

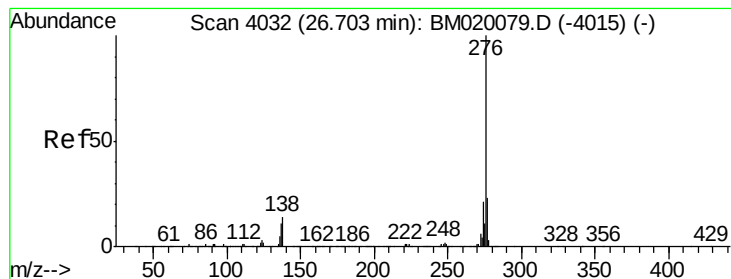


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 0.003 ng

RT: 26.68 min Scan# 4028

Delta R.T. -0.02 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

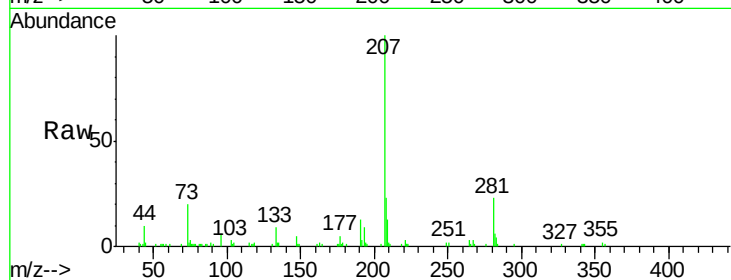
Tot Ion: 276 Resp: 108

Ion Ratio Lower Upper

276 100

277 0.0 18.4 27.6#

138 0.0 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

