

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
 Data File : BM020184.D
 Acq On : 08 May 2019 02:47
 Operator : JU/SJ
 Sample : K2704-02 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:42:49 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	157826	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	581383	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	372744	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	874951	20.00	ng	0.01
76) Chrysene-d12	21.39	240	1084414	20.00	ng	0.02
87) Perylene-d12	23.70	264	1235267	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	537927	55.71	ng	0.00
7) Phenol-d6	6.96	99	752050	57.01	ng	0.01
23) Nitrobenzene-d5	8.96	82	539645	36.65	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	335170	57.93	ng	0.01
45) 2-Fluorobiphenyl	13.05	172	1046468	34.54	ng	0.00
79) Terphenyl-d14	19.82	244	1972036	31.72	ng	0.00

Target Compounds

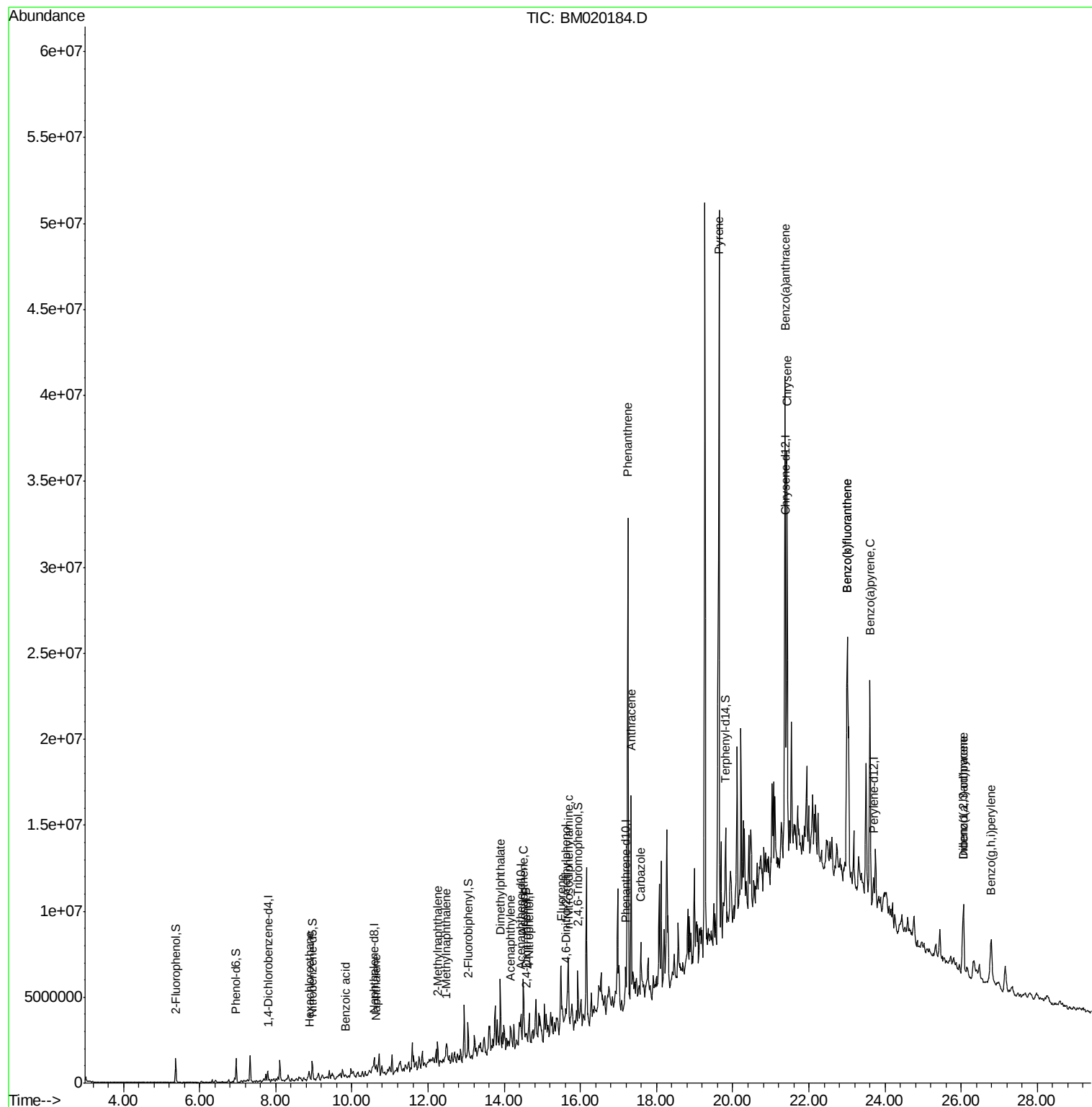
						Qvalue
18) Hexachloroethane	8.89	117	31234	6.062	ng	# 1
31) Naphthalene	10.63	128	144358	4.785	ng	# 86
32) Benzoic acid	9.84	122	314	6.660	ng	# 1
37) 2-Methylnaphthalene	12.25	142	667609	30.353	ng	# 98
38) 1-Methylnaphthalene	12.47	142	470339	21.868	ng	# 97
49) Acenaphthylene	14.16	152	85431	2.179	ng	# 10
50) Dimethylphthalate	13.89	163	83415	2.633	ng	# 86
52) Acenaphthene	14.50	154	1111620	49.447	ng	# 98
54) 2,4-Dinitrophenol	14.58	184	1557	8.888	ng	# 1
56) 4-Nitrophenol	14.64	139	71541	13.540	ng	# 54
58) Fluorene	15.49	166	1442210	46.309	ng	# 97
65) 4,6-Dinitro-2-methylphenol	15.62	198	6081	8.333	ng	# 1
66) n-Nitrosodiphenylamine	15.69	169	235722	9.156	ng	# 67
71) Phenanthrene	17.24	178	15919398	329.608	ng	# 96
72) Anthracene	17.33	178	6948636	143.896	ng	# 99
73) Carbazole	17.60	167	263008	6.036	ng	# 69
78) Pyrene	19.63	202	21265022	292.076	ng	# 80
81) Benzo(a)anthracene	21.37	228	14638254	192.482	ng	# 83
83) Chrysene	21.43	228	12432557	168.565	ng	# 92
86) Indeno(1,2,3-cd)pyrene	26.06	276	3922807	44.715	ng	# 100
88) Benzo(b)fluoranthene	23.01	252	13776033	168.885	ng	# 96
89) Benzo(k)fluoranthene	23.01	252	13153052	176.771	ng	# 96
90) Benzo(a)pyrene	23.61	252	9998416	134.945	ng	# 96
91) Dibenzo(a,h)anthracene	26.06	278	1246924	16.183	ng	# 87
92) Benzo(g,h,i)perylene	26.79	276	3351027	45.808	ng	# 95

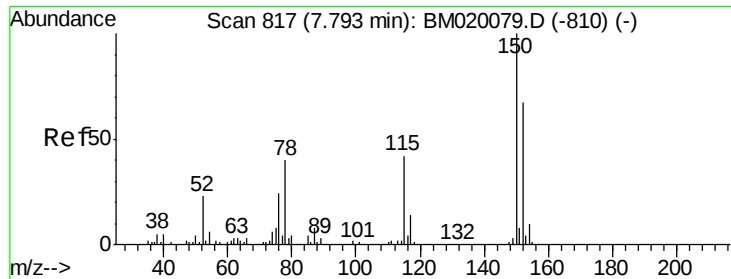
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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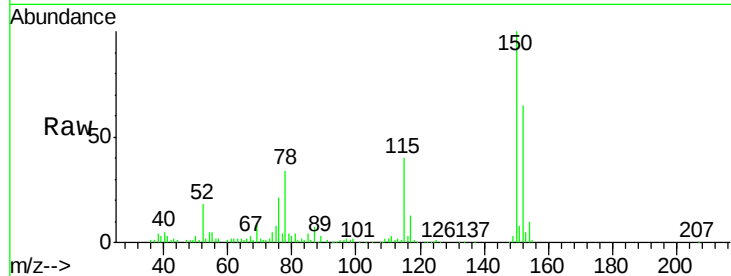


#1

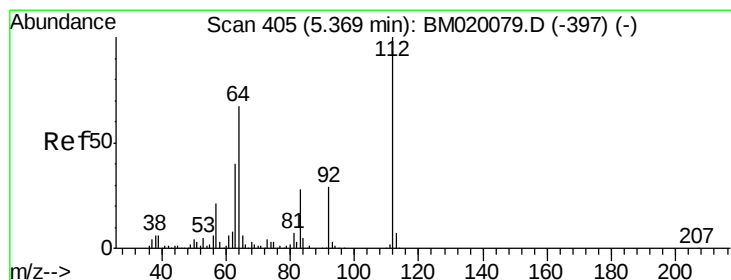
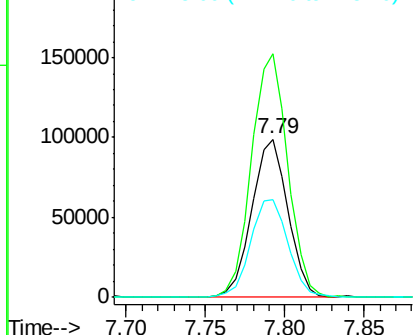
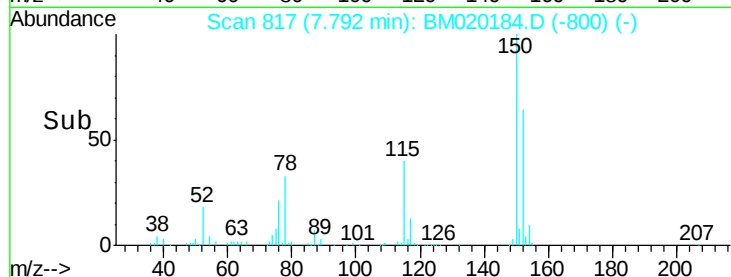
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020184.D
Acq: 08 May 2019 02:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 157826
Ion Ratio Lower Upper
152 100
150 153.7 119.8 179.8
115 61.4 50.8 76.2



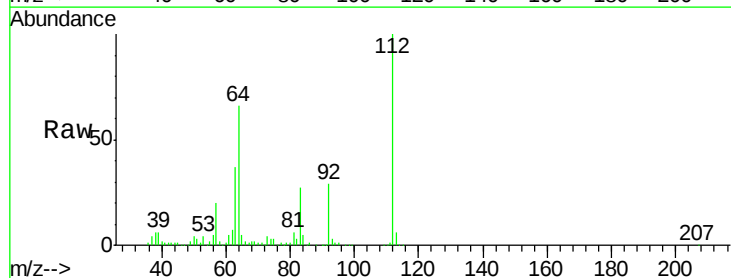
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



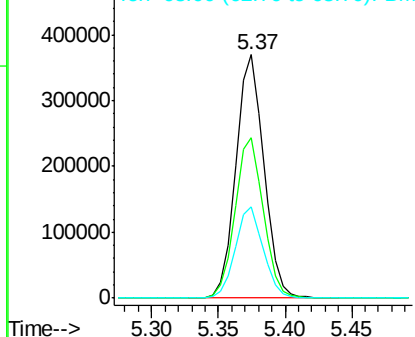
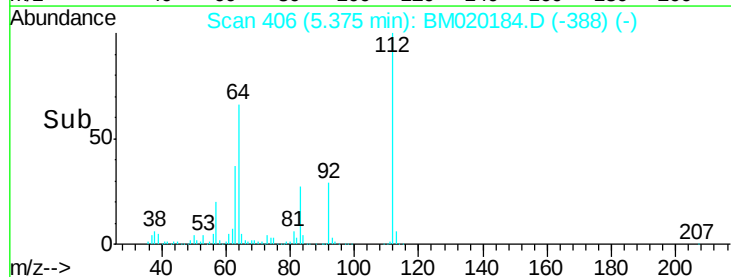
#5

2-Fluorophenol
Concen: 55.713 ng
RT: 5.37 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020184.D
Acq: 08 May 2019 02:47

Tgt Ion:112 Resp: 537927
Ion Ratio Lower Upper
112 100
64 65.7 53.8 80.6
63 37.2 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 57.014 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampled :

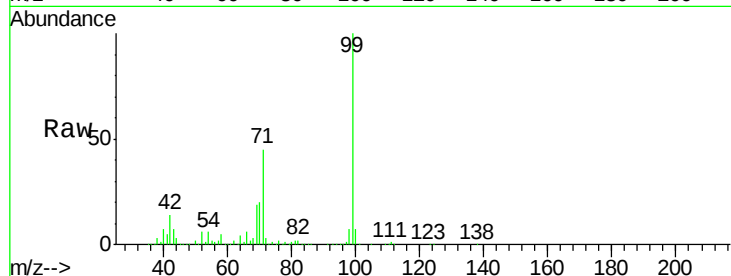
Tot Ion: 99 Resp: 752050

Ion Ratio Lower Upper

99 100

42 14.4 14.2 21.2

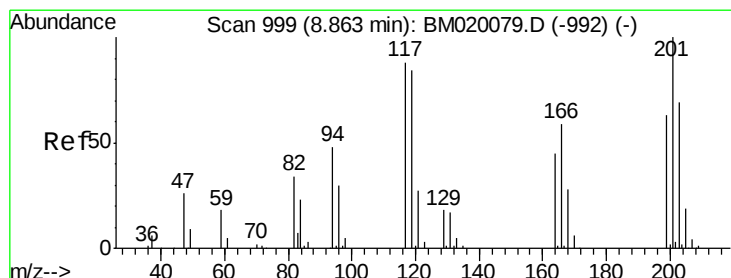
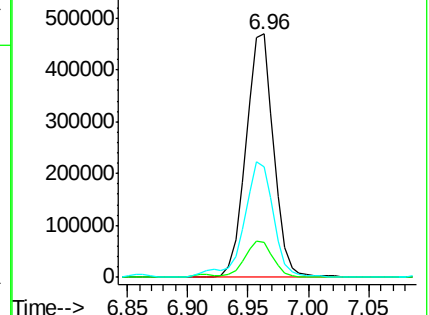
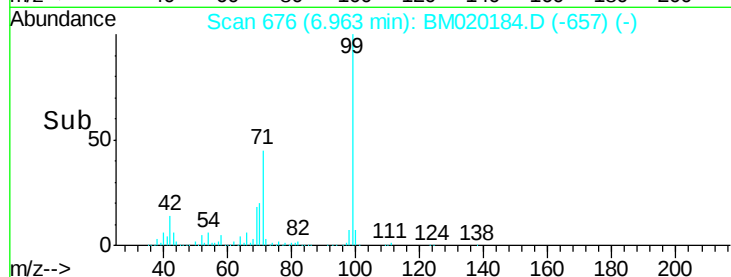
71 45.4 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#18

Hexachloroethane

Concen: 6.062 ng

RT: 8.89 min Scan# 1003

Delta R.T. 0.02 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

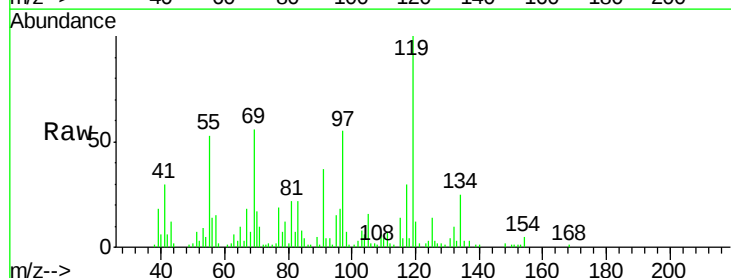
Tgt Ion: 117 Resp: 31234

Ion Ratio Lower Upper

117 100

119 328.4 76.6 114.8#

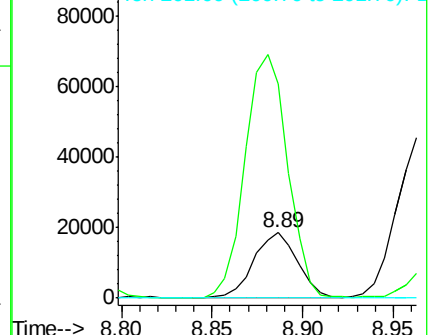
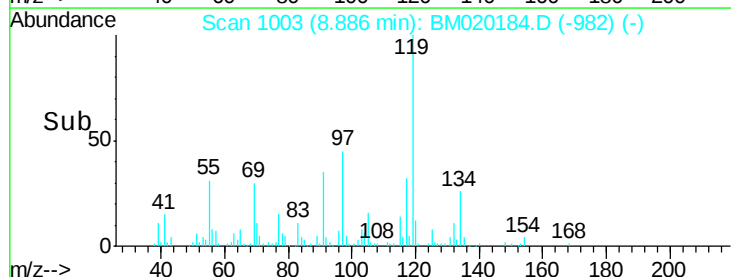
201 0.0 90.7 136.1#

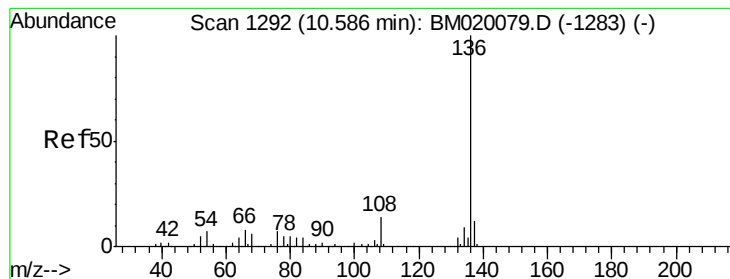


Abundance Ion 117.00 (116.70 to 117.70): BM020079.D (-992) (-)

Ion 119.00 (118.70 to 119.70): BM020079.D (-992) (-)

Ion 201.00 (200.70 to 201.70): BM020079.D (-992) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 581383

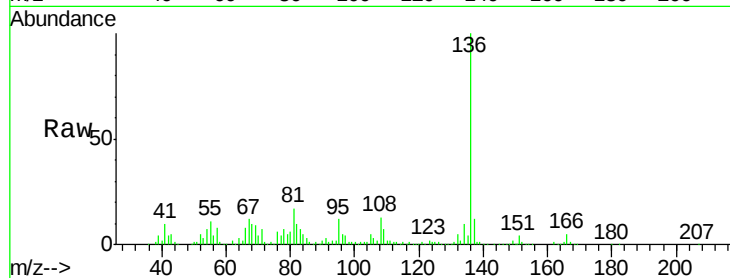
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 7.3 5.5 8.3

68 9.6 4.6 6.8#

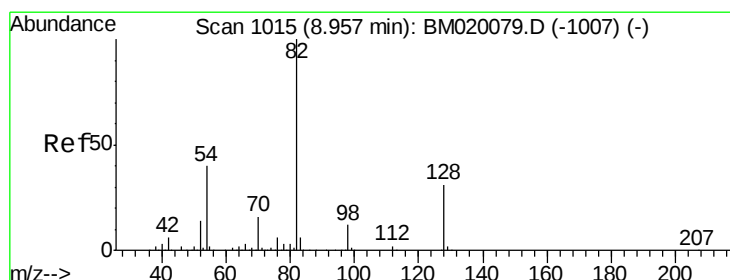
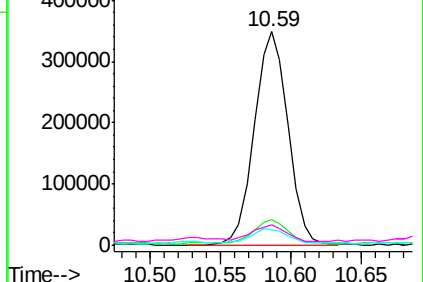
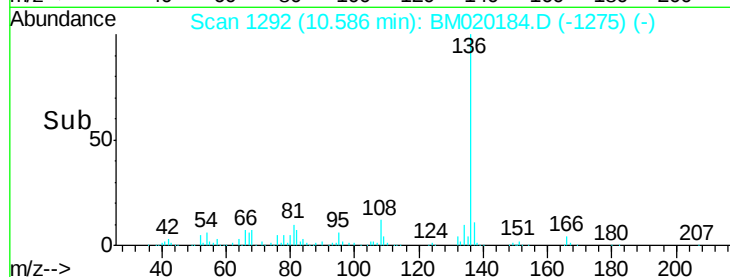


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.646 ng

RT: 8.96 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

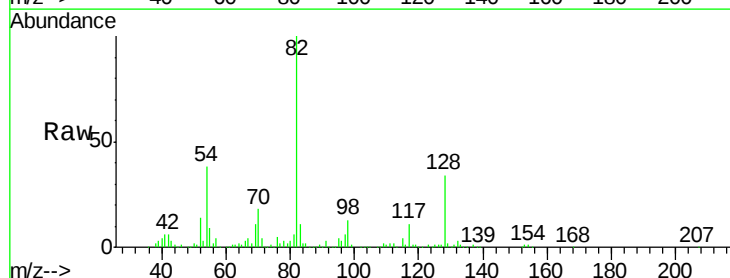
Tgt Ion: 82 Resp: 539645

Ion Ratio Lower Upper

82 100

128 34.3 25.2 37.8

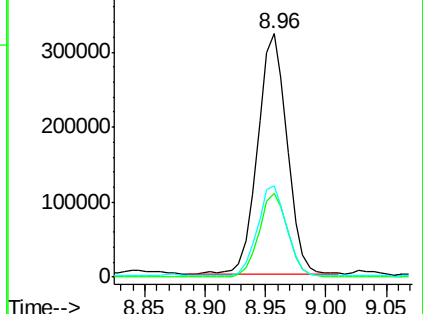
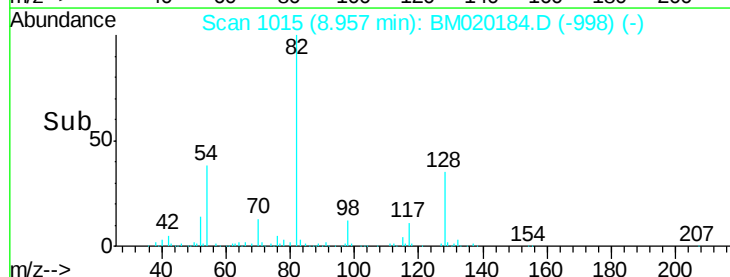
54 37.7 31.9 47.9

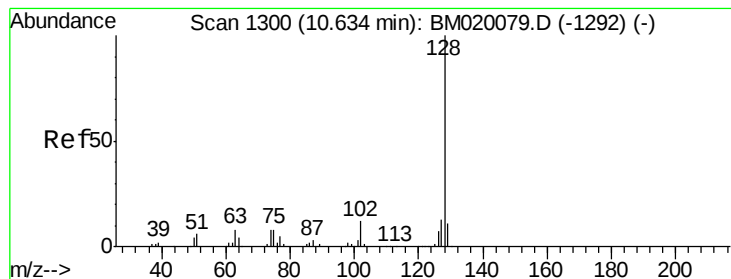


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#31

Naphthalene

Concen: 4.785 ng

RT: 10.63 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampled :

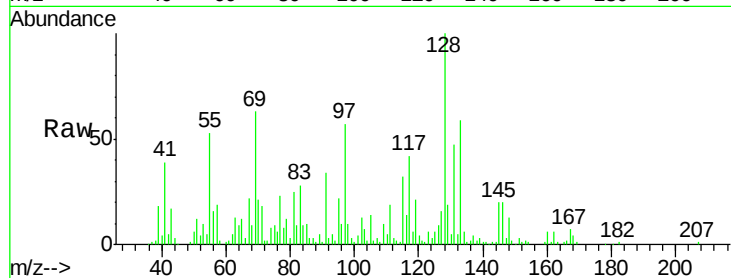
Tot Ion:128 Resp: 144358

Ion Ratio Lower Upper

128 100

129 19.0 9.0 13.4#

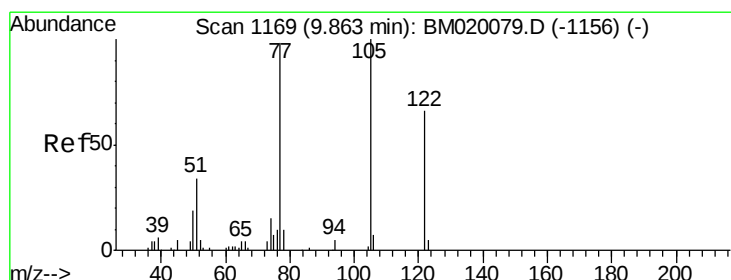
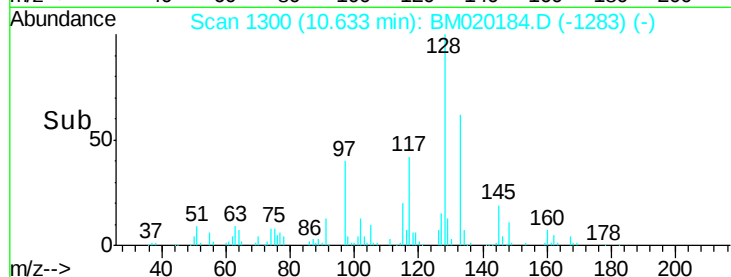
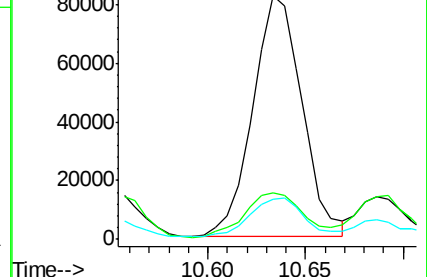
127 16.5 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.660 ng

RT: 9.84 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

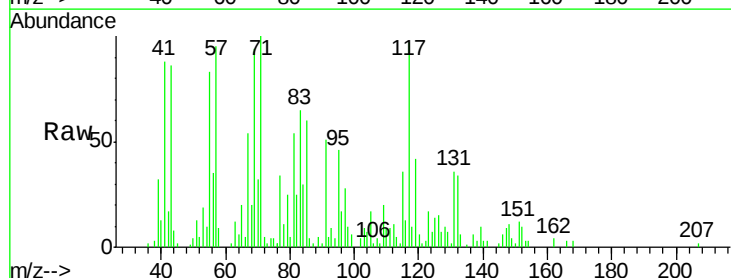
Tgt Ion:122 Resp: 314

Ion Ratio Lower Upper

122 100

105 498.8 122.5 162.5#

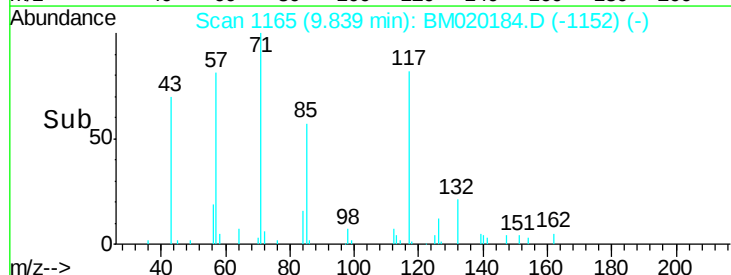
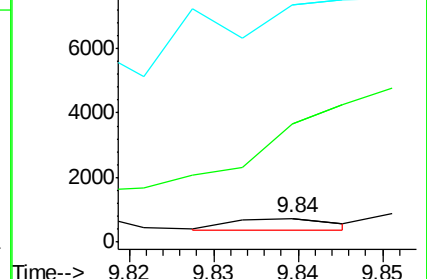
77 1007.9 123.3 163.3#

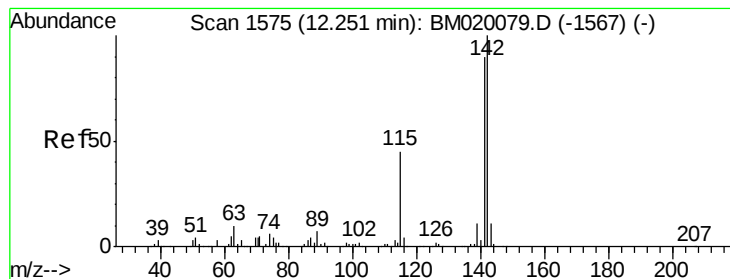


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





#37

2-Methylnaphthalene

Concen: 30.353 ng

RT: 12.25 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampled :

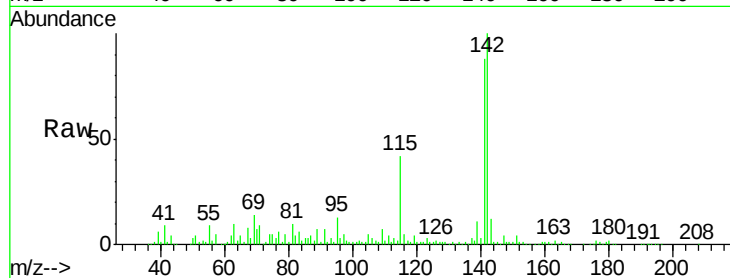
Tot Ion:142 Resp: 667609

Ion Ratio Lower Upper

142 100

141 87.8 71.6 107.4

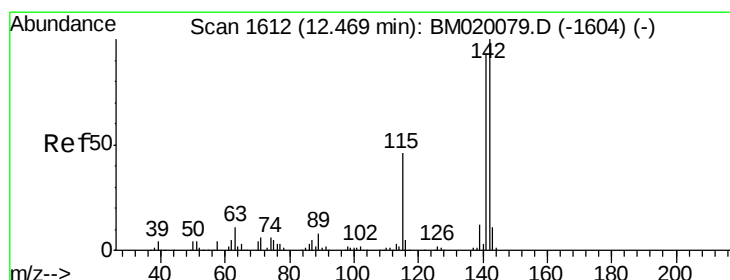
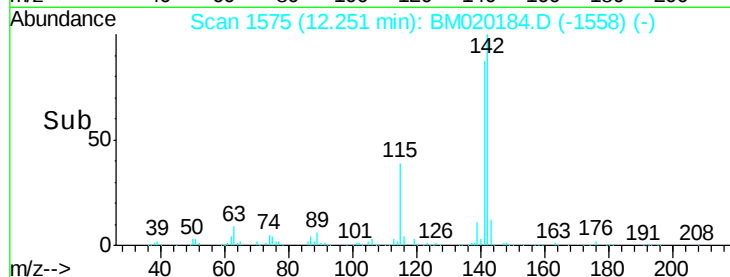
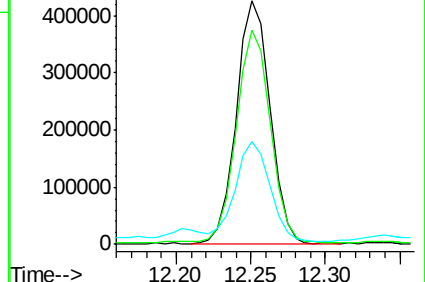
115 42.2 35.8 53.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 21.868 ng

RT: 12.47 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

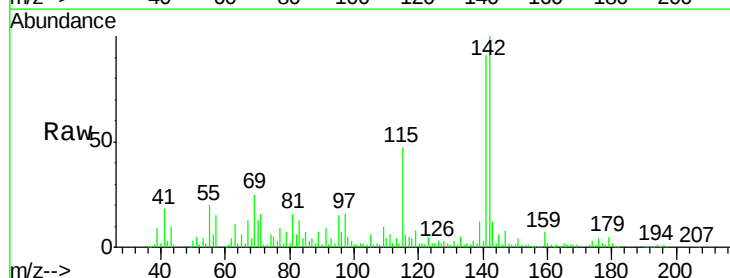
Tgt Ion:142 Resp: 470339

Ion Ratio Lower Upper

142 100

141 90.7 74.8 112.2

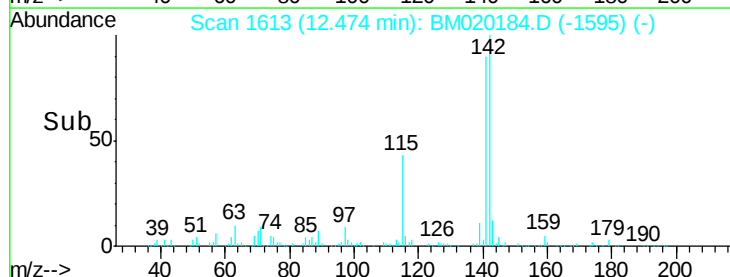
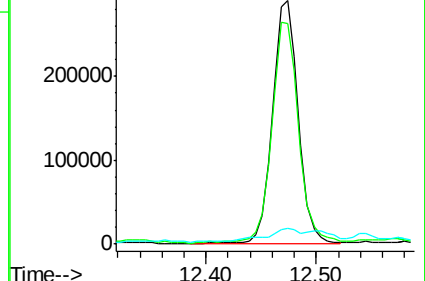
116 6.3 3.9 5.9#

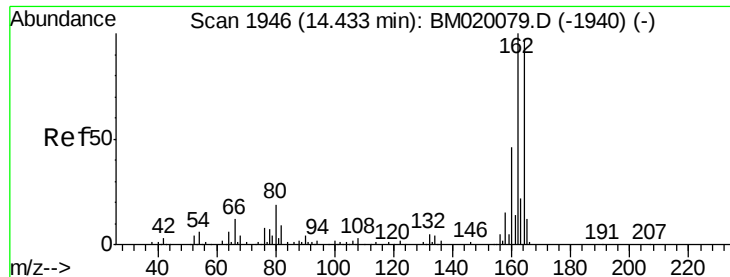


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.44 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampleId :

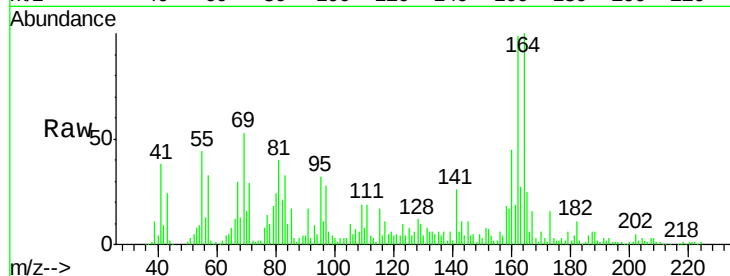
Tot Ion:164 Resp: 372744

Ion Ratio Lower Upper

164 100

162 98.9 82.2 123.2

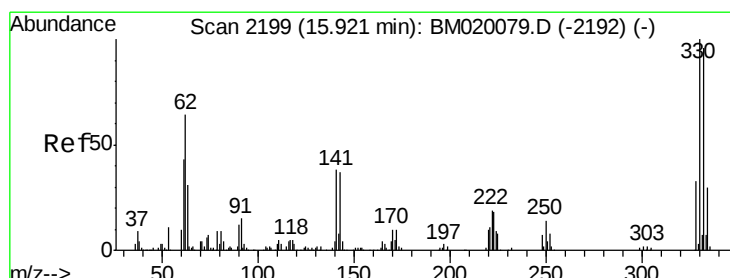
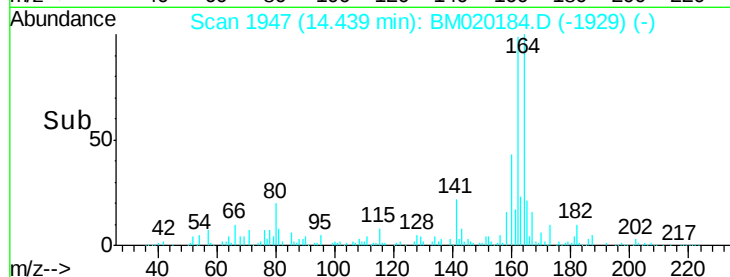
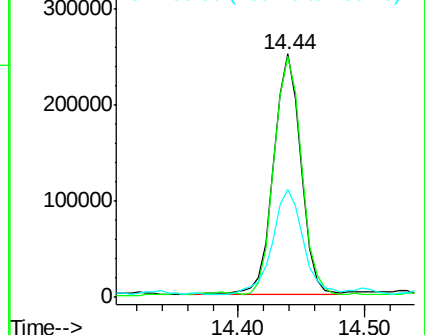
160 44.6 37.6 56.4



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: 57.931 ng

RT: 15.93 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

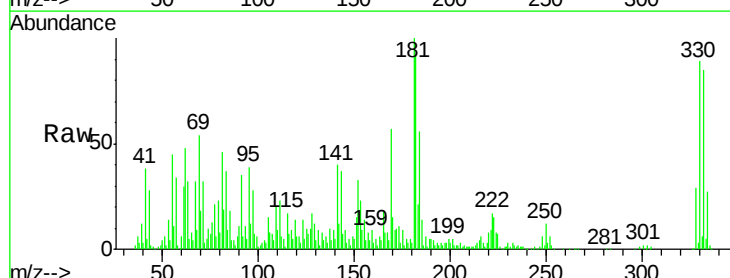
Tgt Ion:330 Resp: 335170

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

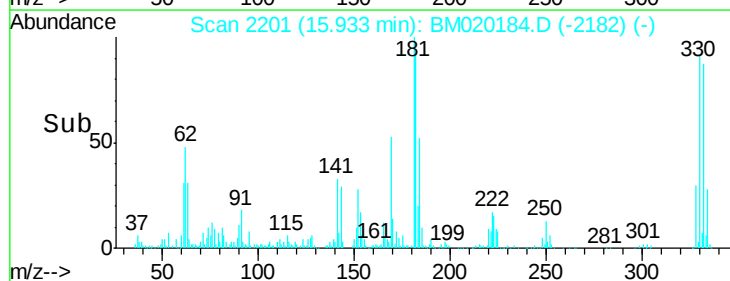
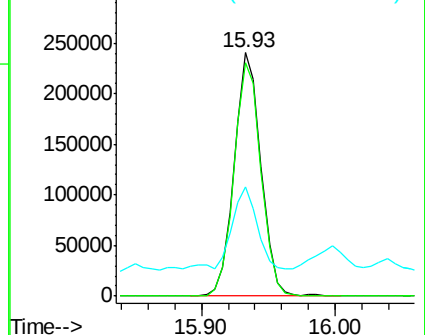
141 34.9 29.2 43.8

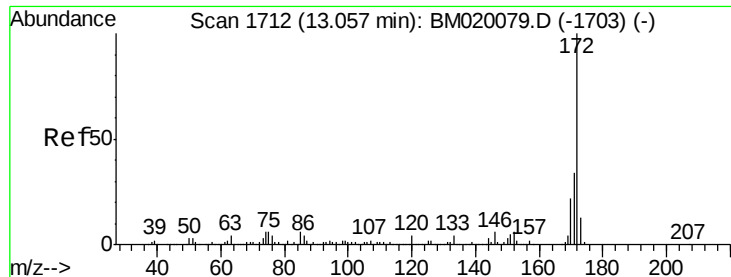


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

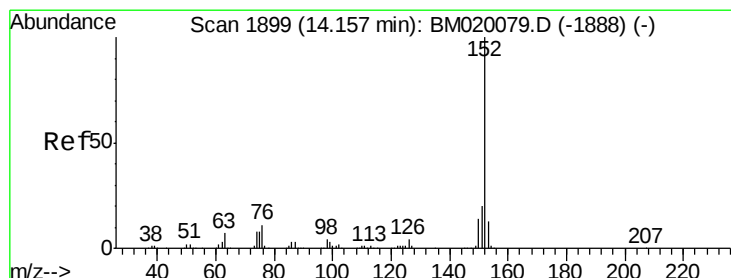
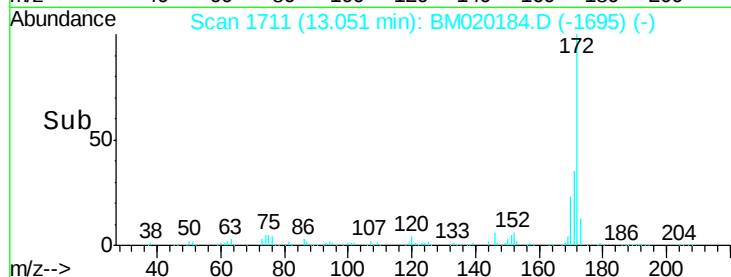
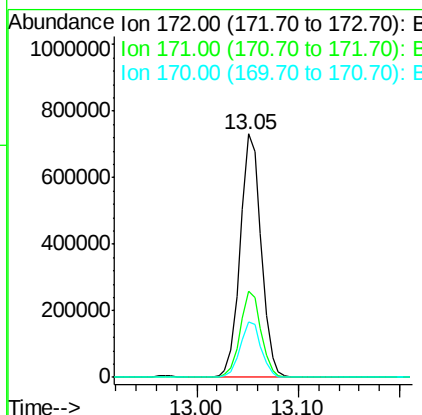
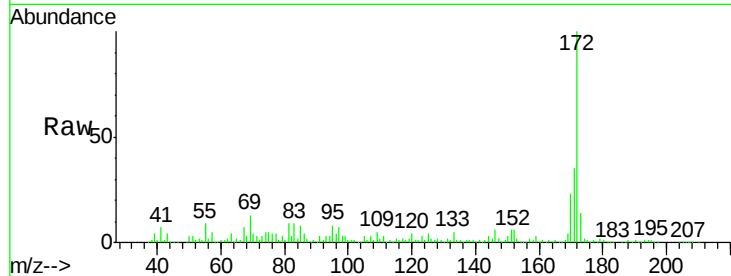




#45
2-Fluorobiphenyl
Concen: 34.542 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020184.D
Acq: 08 May 2019 02:47

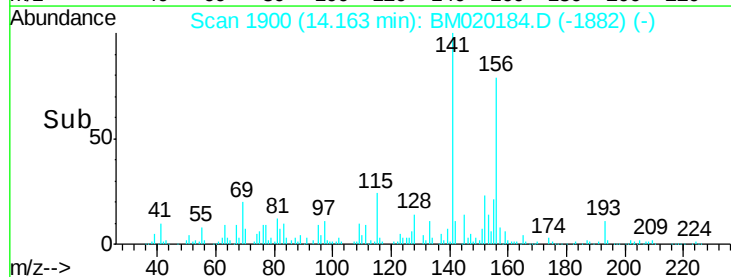
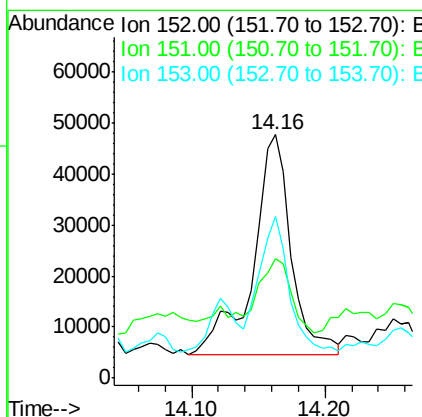
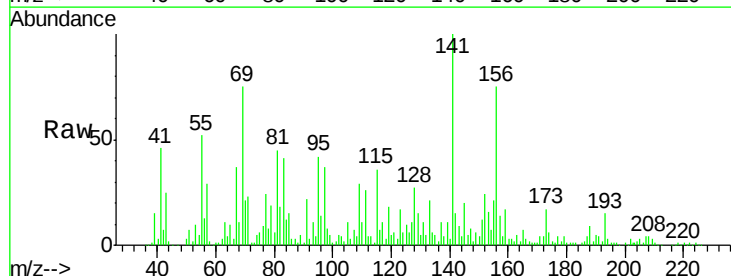
Instrument :
BNA_M
ClientSampled :

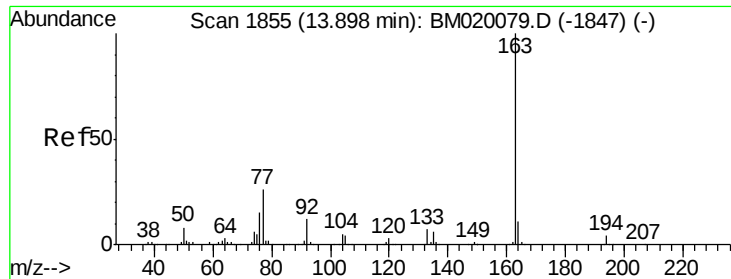
Tot Ion:172 Resp: 1046468
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 22.7 17.9 26.9



#49
Acenaphthylene
Concen: 2.179 ng
RT: 14.16 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BM020184.D
Acq: 08 May 2019 02:47

Tgt Ion:152 Resp: 85431
Ion Ratio Lower Upper
152 100
151 49.0 16.2 24.2#
153 66.5 10.6 16.0#





#50

Dimethylphthalate

Concen: 2.633 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampled :

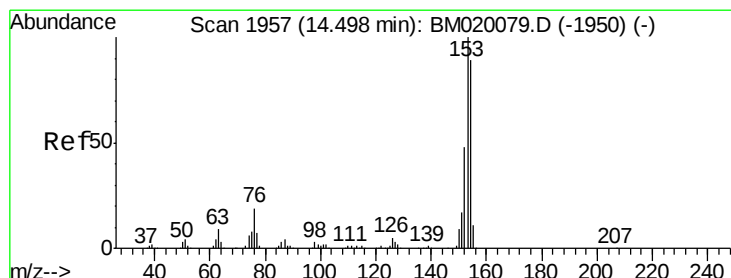
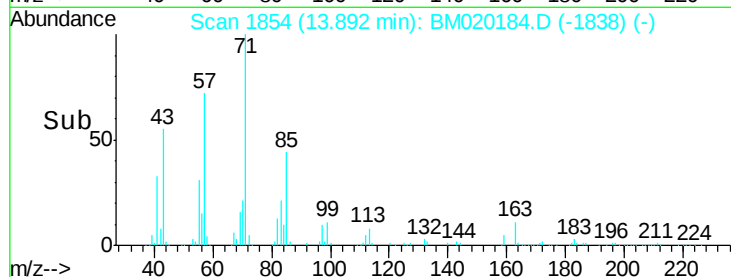
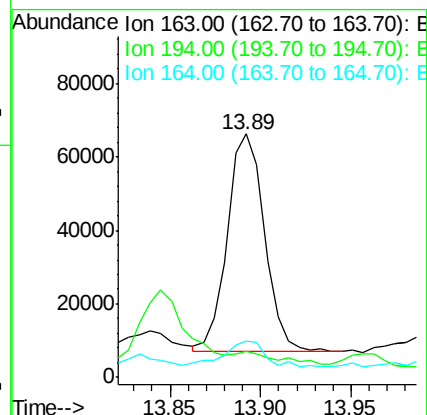
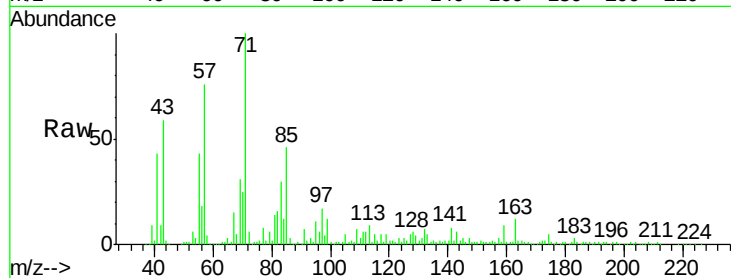
Tot Ion:163 Resp: 83415

Ion Ratio Lower Upper

163 100

194 10.9 3.6 5.4#

164 15.1 8.4 12.6#



#52

Acenaphthene

Concen: 49.447 ng

RT: 14.50 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

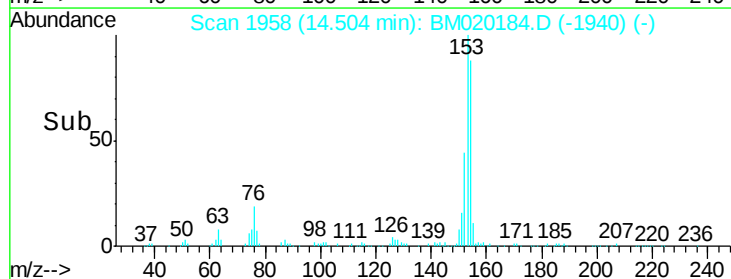
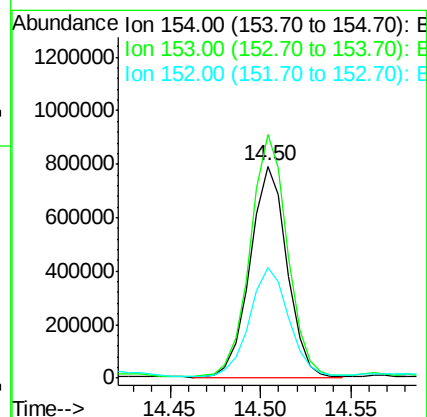
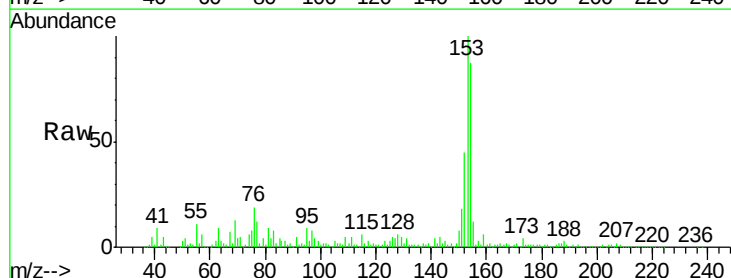
Tgt Ion:154 Resp: 1111620

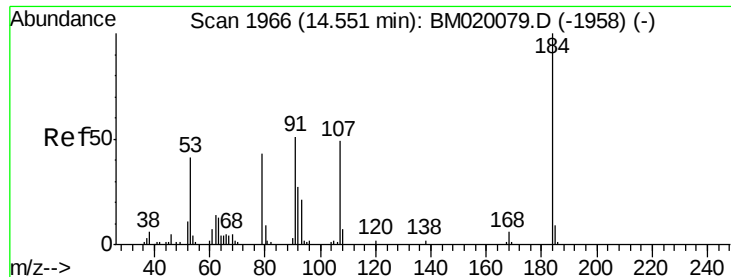
Ion Ratio Lower Upper

154 100

153 114.9 90.2 135.2

152 52.1 43.0 64.4

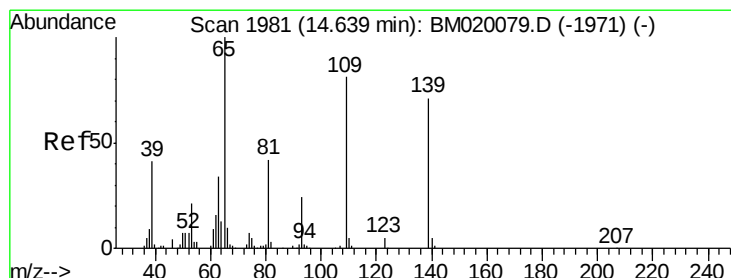
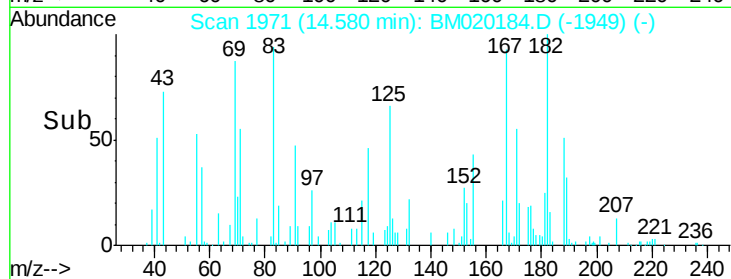
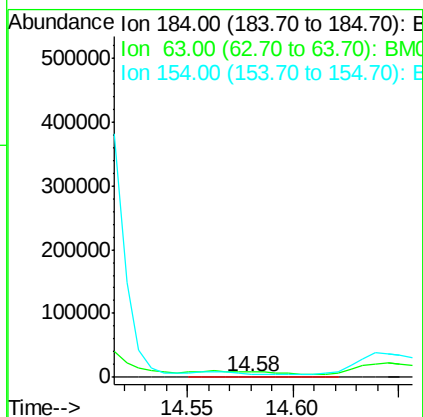
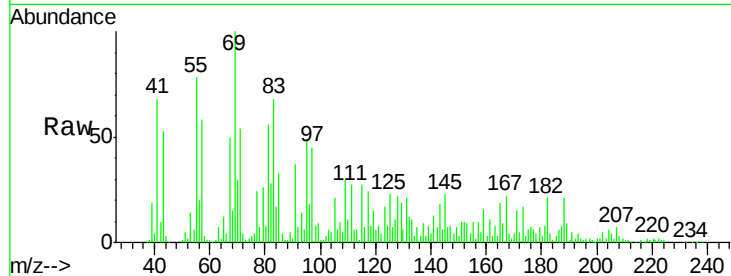




#54
2,4-Dinitrophenol
Concen: 8.888 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.03 min
Lab File: BM020184.D
Acq: 08 May 2019 02:47

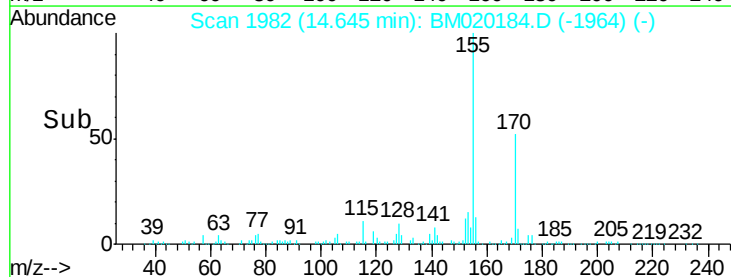
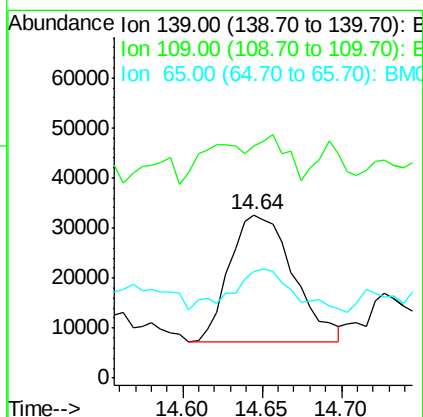
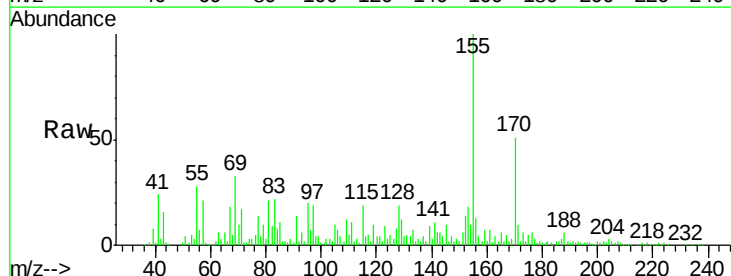
Instrument :
BNA_M
ClientSampled :

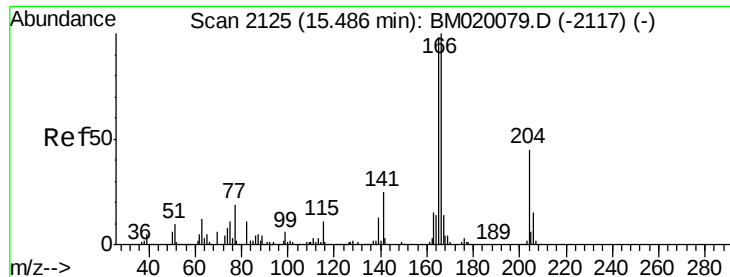
Tot Ion:184 Resp: 1557
Ion Ratio Lower Upper
184 100
63 937.8 68.9 103.3#
154 516.6 54.4 81.6#



#56
4-Nitrophenol
Concen: 13.540 ng
RT: 14.64 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020184.D
Acq: 08 May 2019 02:47

Tgt Ion:139 Resp: 71541
Ion Ratio Lower Upper
139 100
109 142.0 94.1 134.1#
65 64.9 120.9 160.9#

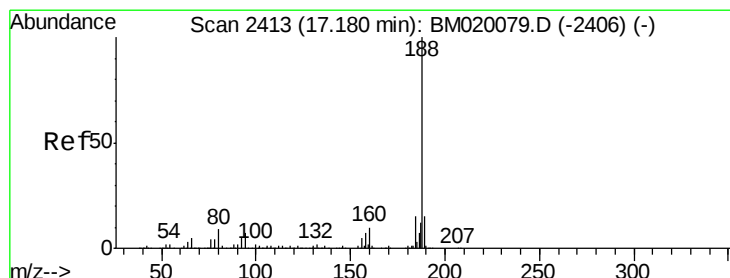
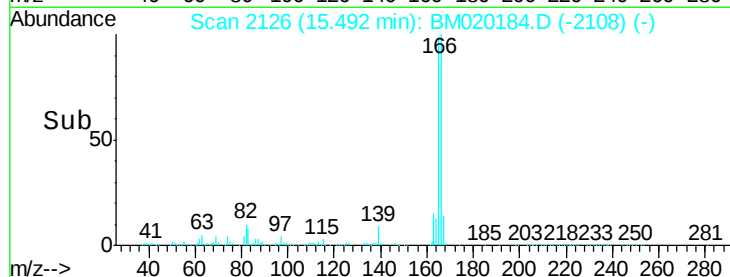
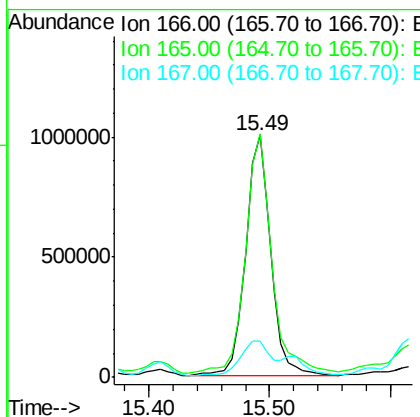
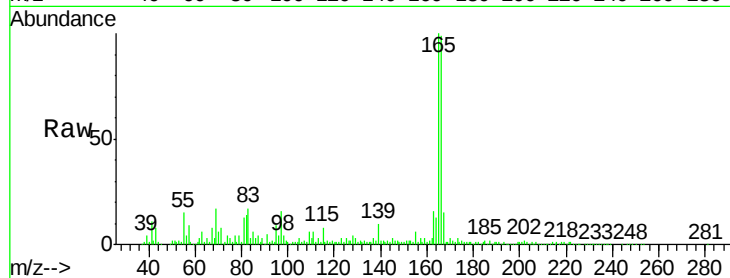




#58
 Fluorene
 Concen: 46.309 ng
 RT: 15.49 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BM020184.D
 Acq: 08 May 2019 02:47

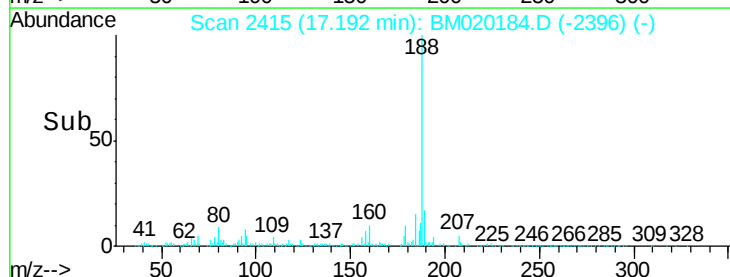
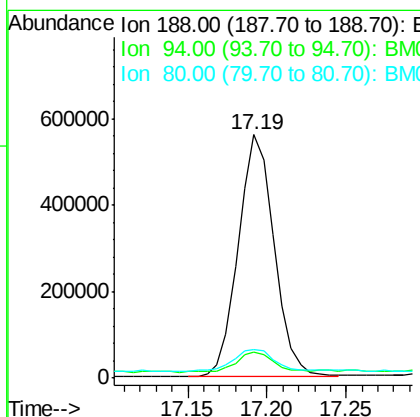
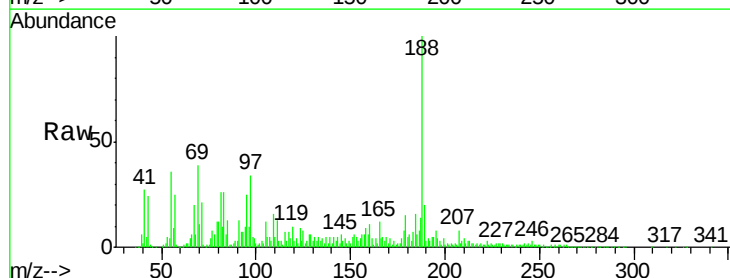
Instrument :
 BNA_M
 ClientSampleId :

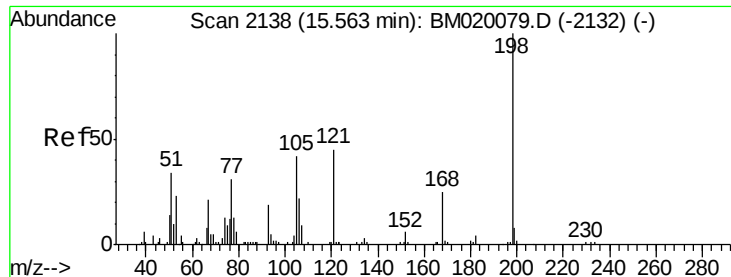
Tot Ion:166 Resp: 1442210
 Ion Ratio Lower Upper
 166 100
 165 100.6 78.2 117.2
 167 14.8 11.0 16.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.19 min Scan# 2415
 Delta R.T. 0.01 min
 Lab File: BM020184.D
 Acq: 08 May 2019 02:47

Tgt Ion:188 Resp: 874951
 Ion Ratio Lower Upper
 188 100
 94 10.5 5.8 8.6#
 80 11.9 7.4 11.2#





#65

4,6-Dinitro-2-methylphenol

Concen: 8.333 ng

RT: 15.62 min Scan# 2147

Delta R.T. 0.05 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampled :

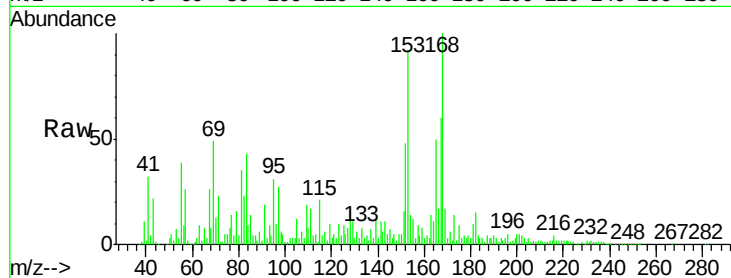
Tot Ion:198 Resp: 6081

Ion Ratio Lower Upper

198 100

51 324.2 16.5 56.5#

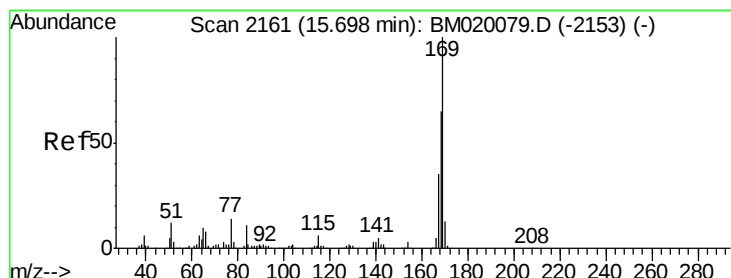
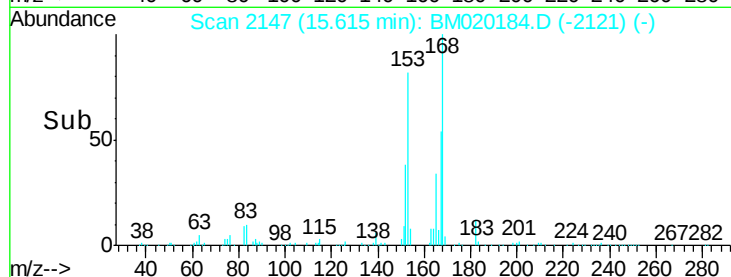
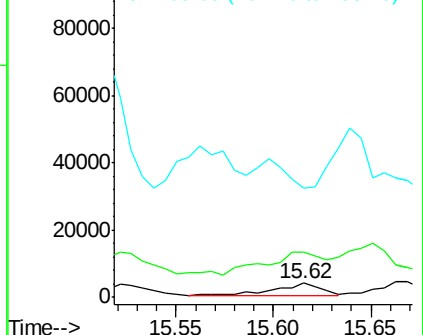
105 774.7 22.8 62.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 9.156 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

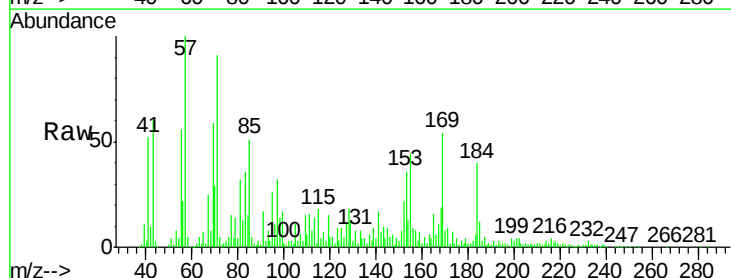
Tgt Ion:169 Resp: 235722

Ion Ratio Lower Upper

169 100

168 34.6 51.9 77.9#

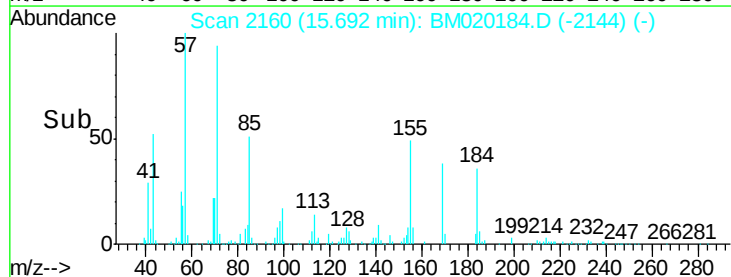
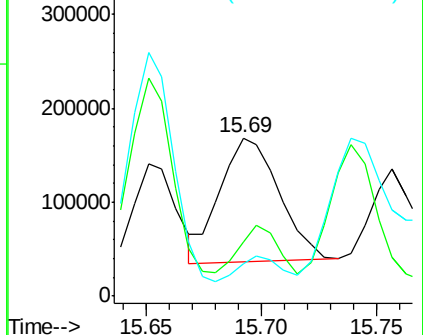
167 20.7 27.8 41.6#

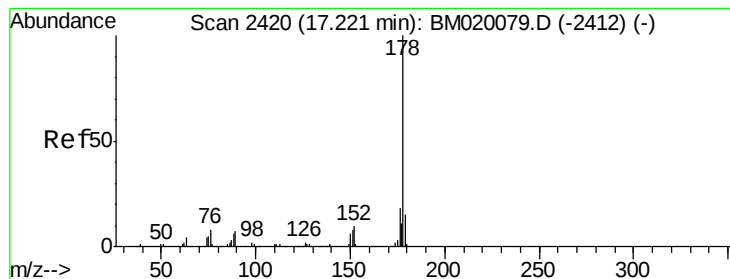


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 329.608 ng

RT: 17.24 min Scan# 2423

Delta R.T. 0.02 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampleId :

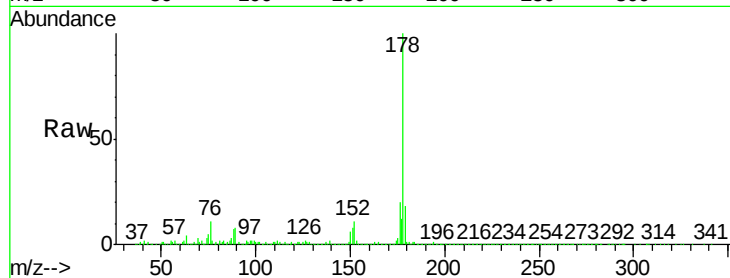
Tot Ion:178 Resp:15919398

Ion Ratio Lower Upper

178 100

176 20.0 14.6 21.8

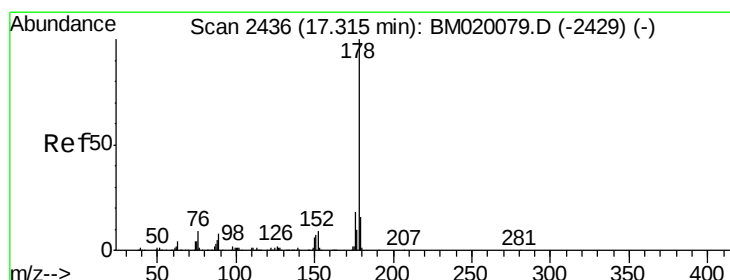
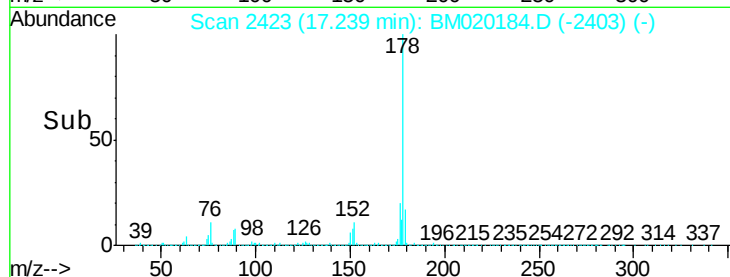
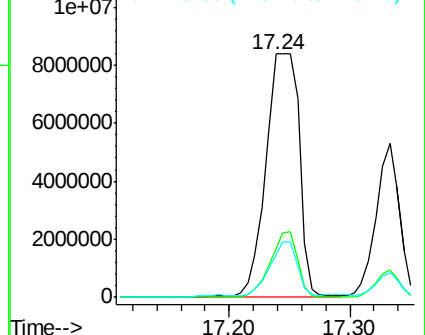
179 17.5 12.4 18.6



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



#72

Anthracene

Concen: 143.896 ng

RT: 17.33 min Scan# 2439

Delta R.T. 0.02 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

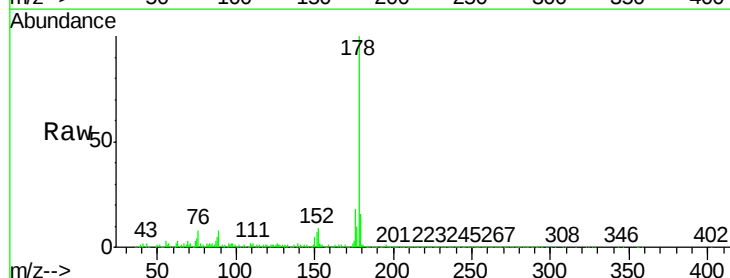
Tgt Ion:178 Resp: 6948636

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

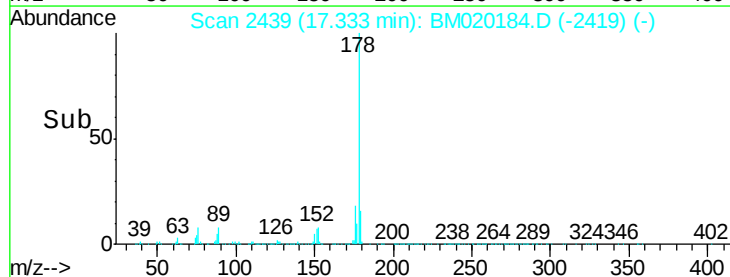
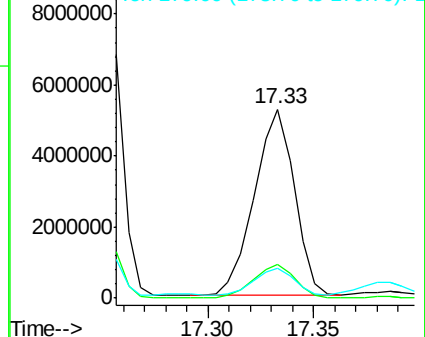
179 16.1 12.4 18.6

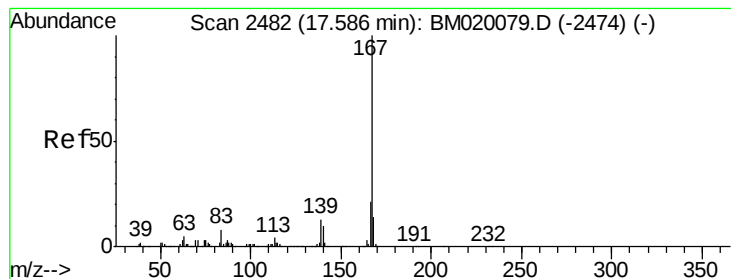


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 6.036 ng

RT: 17.60 min Scan# 2484

Delta R.T. 0.01 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampled :

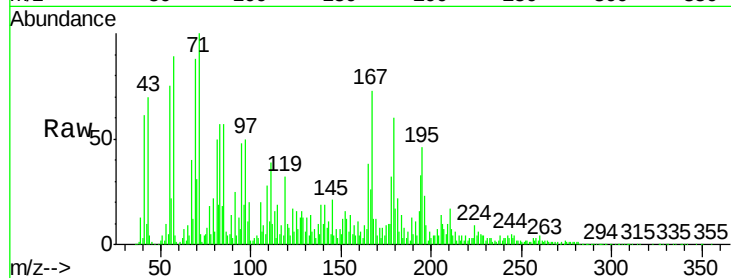
Tot Ion:167 Resp: 263008

Ion Ratio Lower Upper

167 100

166 35.3 17.0 25.6#

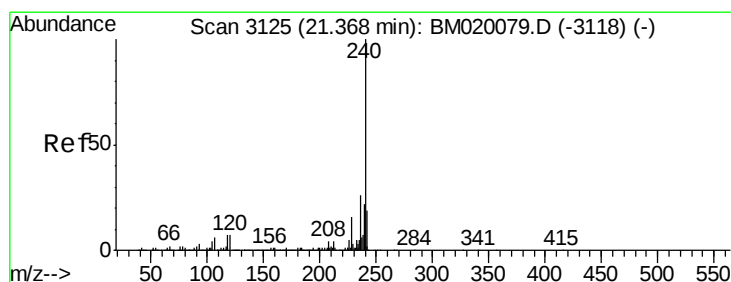
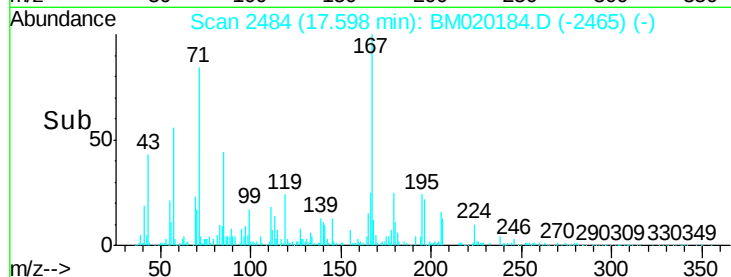
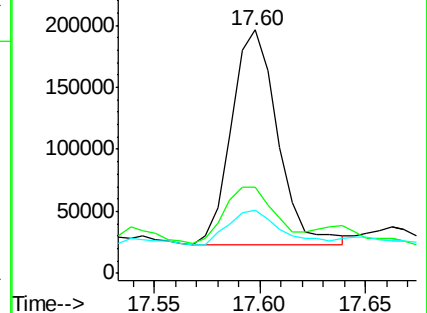
139 26.1 10.6 16.0#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3129

Delta R.T. 0.02 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

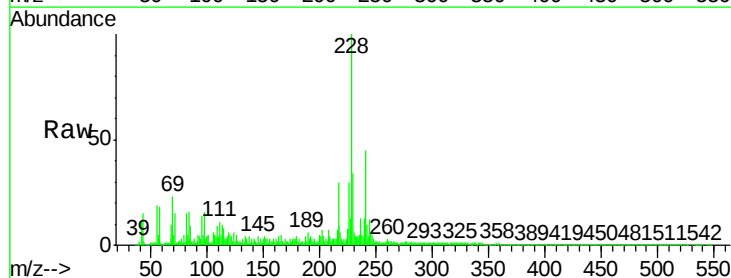
Tgt Ion:240 Resp: 1084414

Ion Ratio Lower Upper

240 100

120 11.2 5.6 8.4#

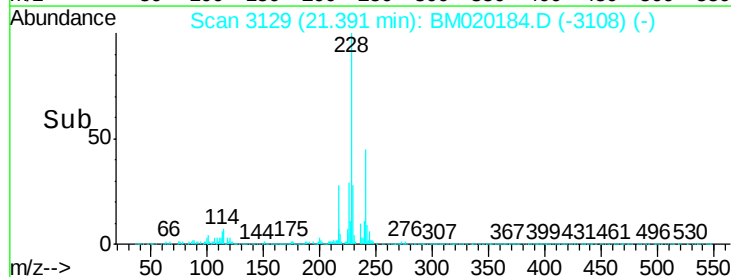
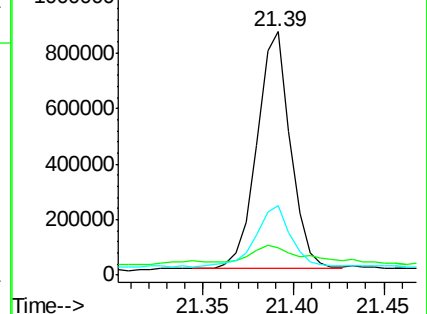
236 28.7 20.9 31.3

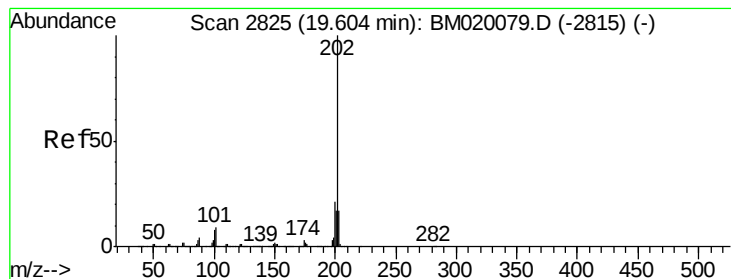


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 292.076 ng

RT: 19.63 min Scan# 2829

Delta R.T. 0.02 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampleId :

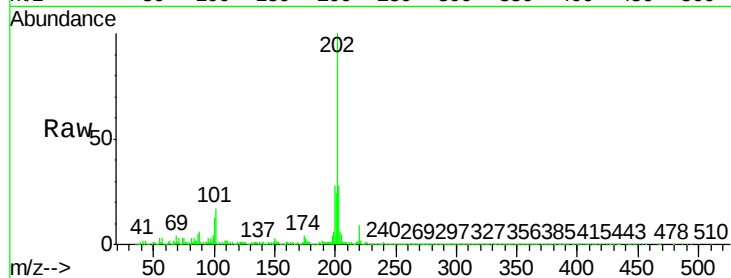
Tot Ion:202 Resp:21265022

Ion Ratio Lower Upper

202 100

200 28.2 16.5 24.7#

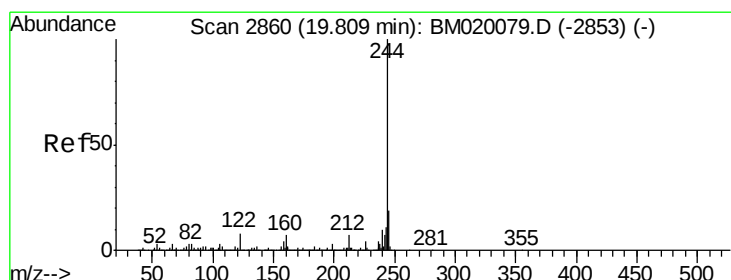
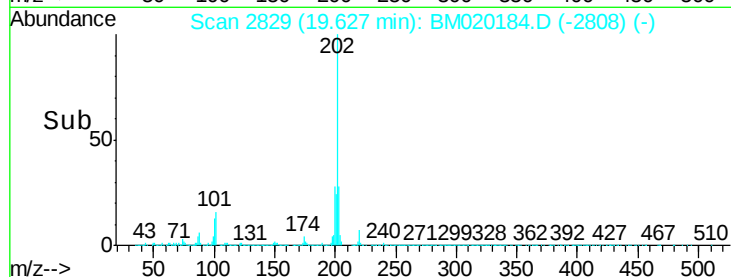
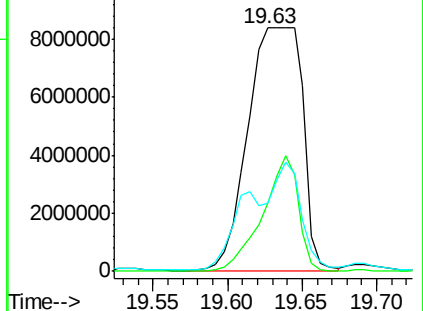
203 28.3 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 31.719 ng

RT: 19.82 min Scan# 2861

Delta R.T. 0.01 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

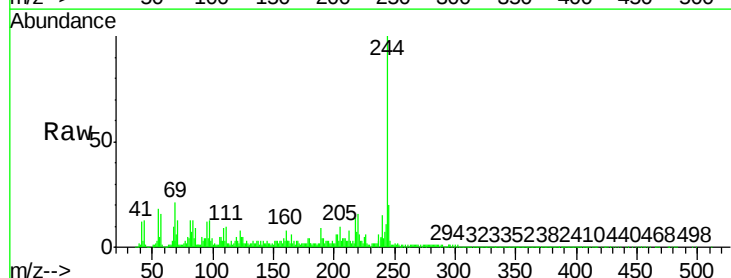
Tgt Ion:244 Resp: 1972036

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

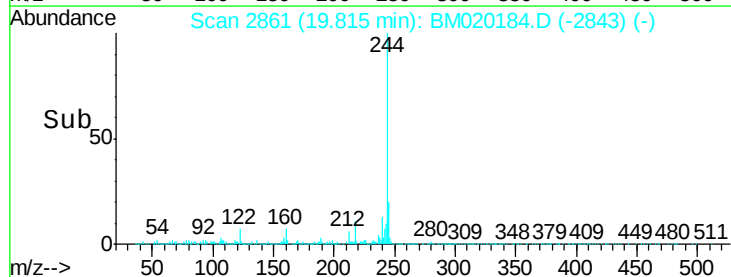
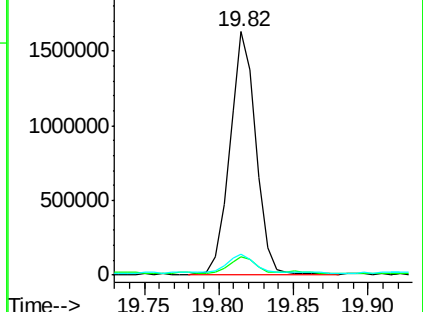
122 8.3 6.2 9.2

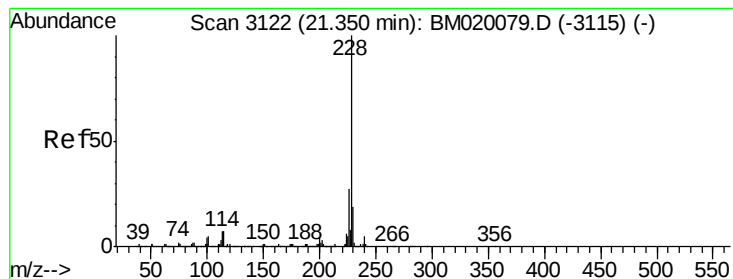


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 192.482 ng

RT: 21.37 min Scan# 3126

Delta R.T. 0.02 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampled :

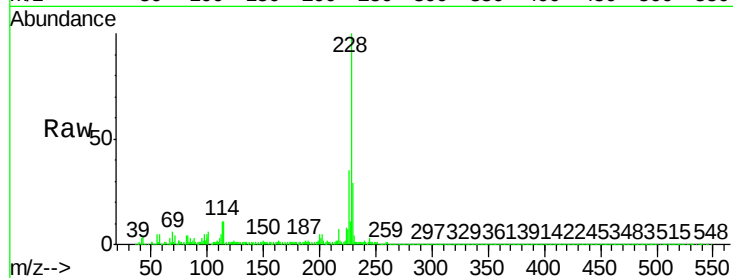
Tot Ion:228 Resp:14638254

Ion Ratio Lower Upper

228 100

226 34.6 21.3 31.9#

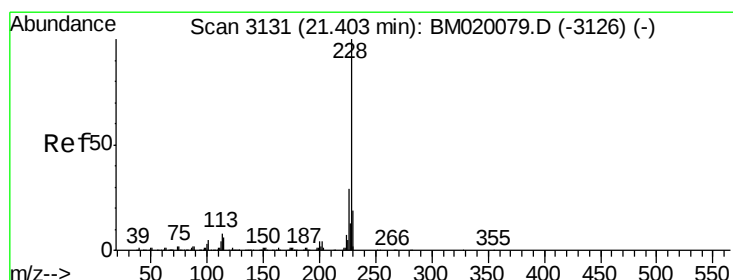
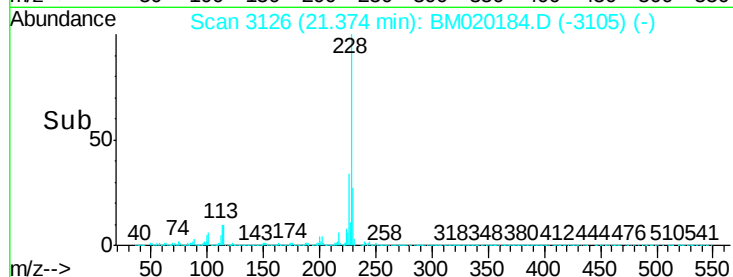
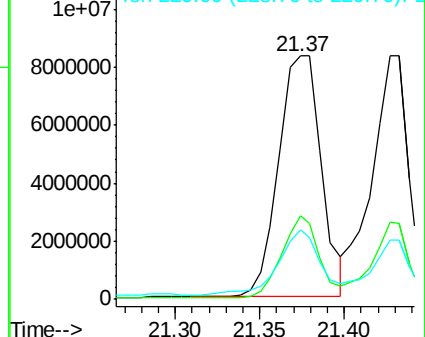
229 28.5 15.5 23.3#



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



#83

Chrysene

Concen: 168.565 ng

RT: 21.43 min Scan# 3135

Delta R.T. 0.02 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

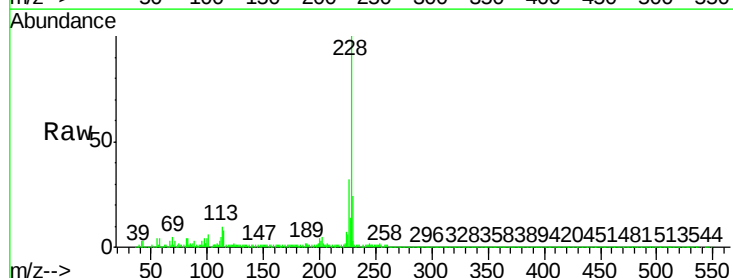
Tgt Ion:228 Resp:12432557

Ion Ratio Lower Upper

228 100

226 31.8 23.0 34.6

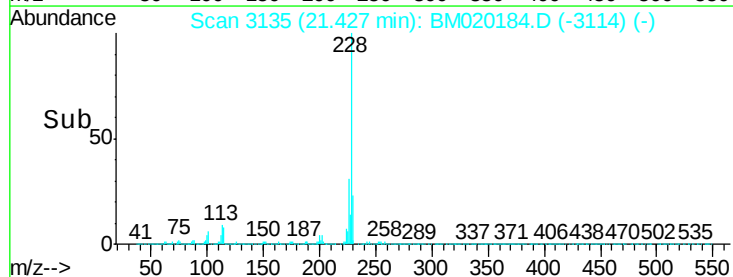
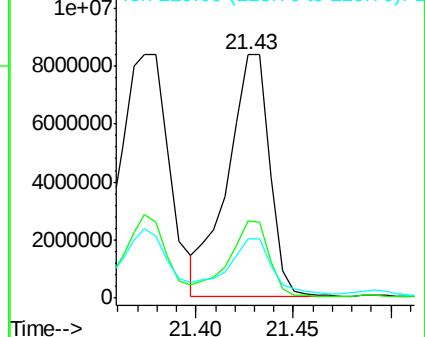
229 24.3 15.5 23.3#

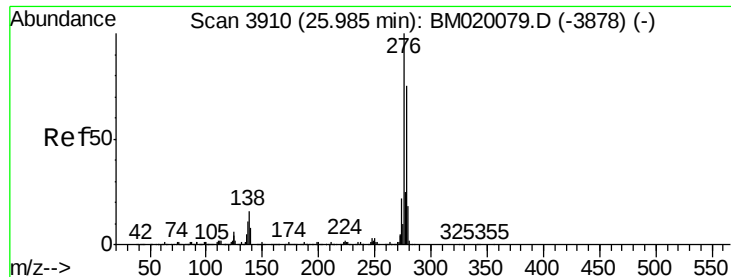


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Indeno(1,2,3-cd)pyrene

Concen: 44.715 ng

RT: 26.06 min Scan# 3922

Delta R.T. 0.07 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampleId :

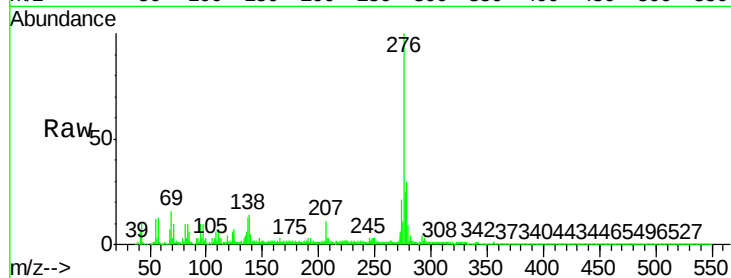
Tot Ion:276 Resp: 3922807

Ion Ratio Lower Upper

276 100

138 13.2 0.0 0.0#

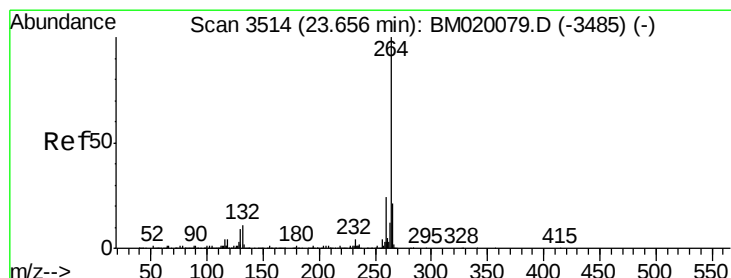
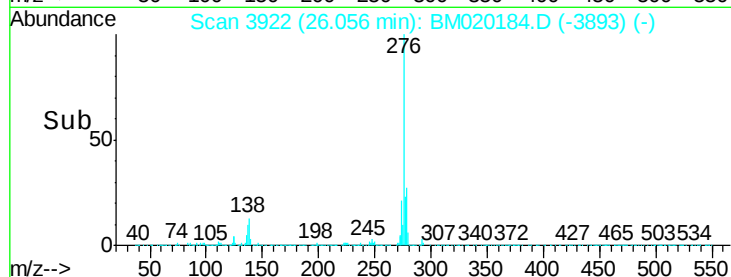
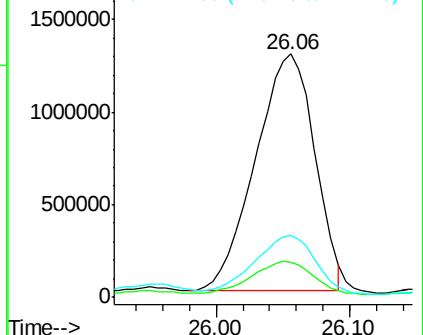
277 22.2 0.0 0.0#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.70 min Scan# 3521

Delta R.T. 0.04 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

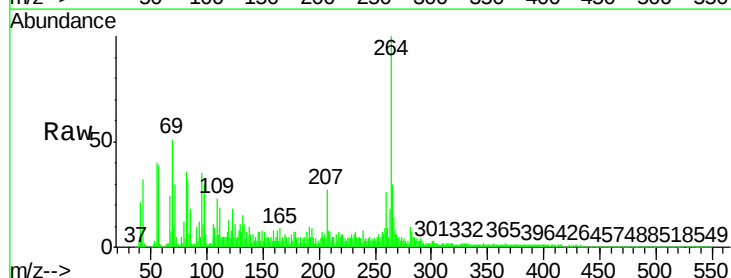
Tgt Ion:264 Resp: 1235267

Ion Ratio Lower Upper

264 100

260 26.0 19.2 28.8

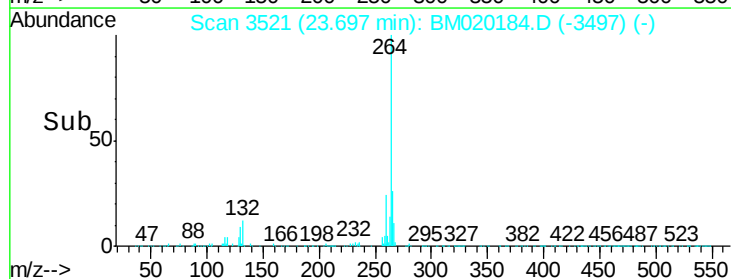
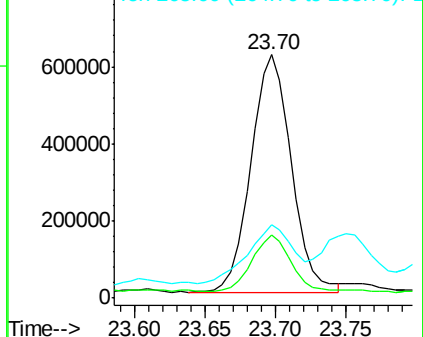
265 30.1 16.9 25.3#

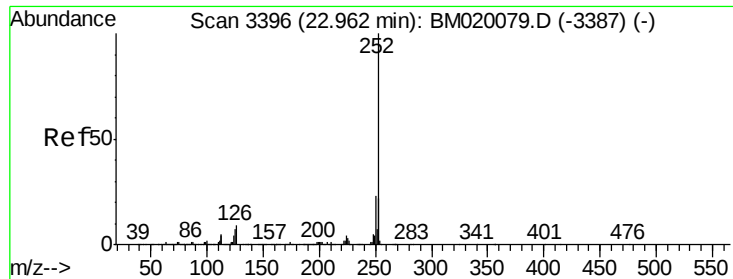


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

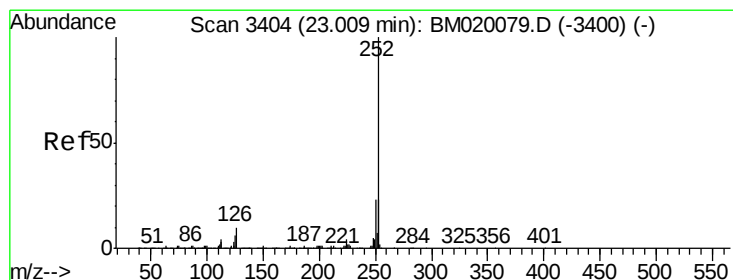
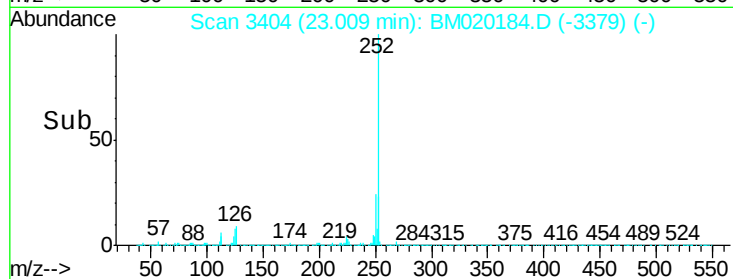
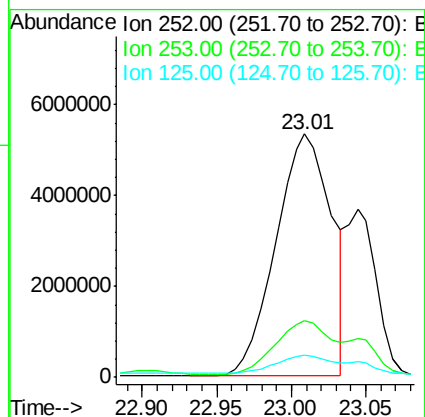
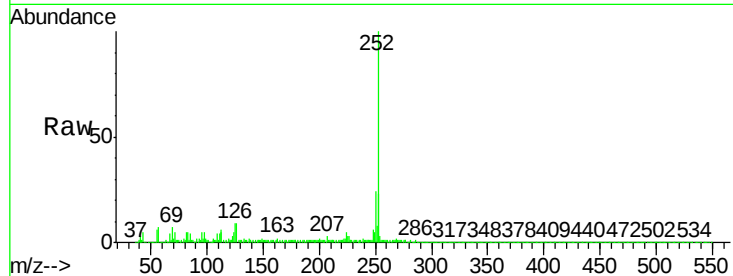




#88
Benzo(b)fluoranthene
Concen: 168.885 ng
RT: 23.01 min Scan# 3404
Delta R.T. 0.05 min
Lab File: BM020184.D
Acq: 08 May 2019 02:47

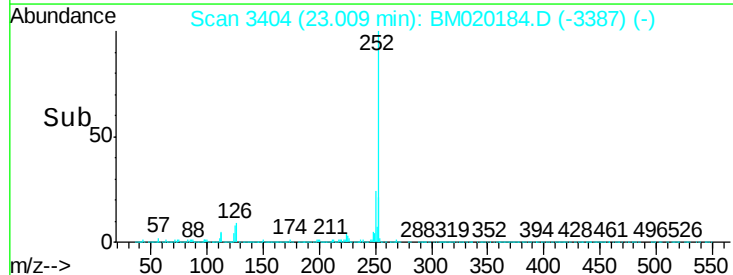
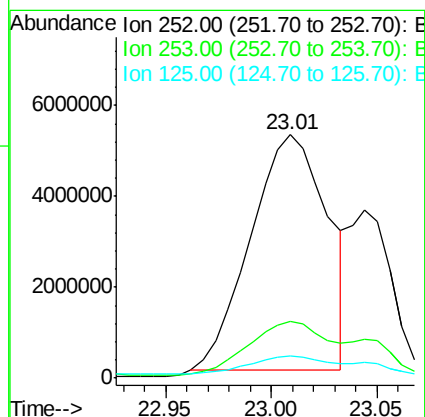
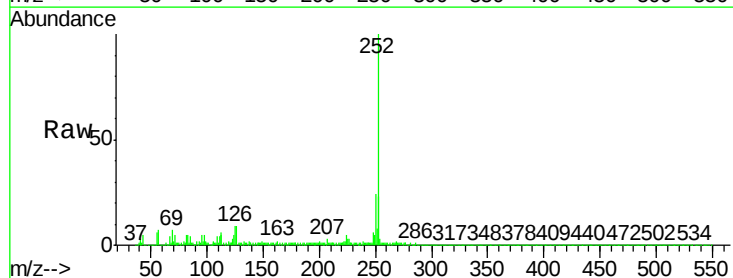
Instrument :
BNA_M
ClientSampleId :

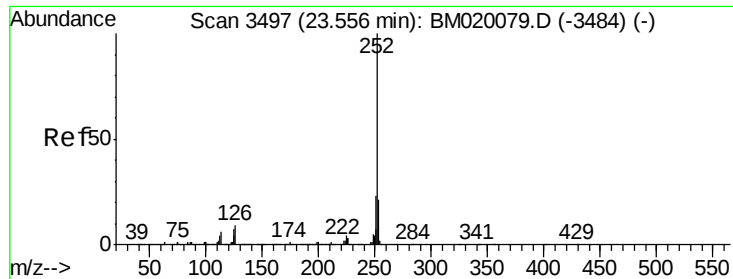
Tot Ion:252 Resp:13776033
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 9.2 5.4 8.2#



#89
Benzo(k)fluoranthene
Concen: 176.771 ng
RT: 23.01 min Scan# 3404
Delta R.T. -0.00 min
Lab File: BM020184.D
Acq: 08 May 2019 02:47

Tgt Ion:252 Resp:13153052
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 9.2 5.4 8.0#





#90

Benzo(a)pyrene

Concen: 134.945 ng

RT: 23.61 min Scan# 3506

Delta R.T. 0.05 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampleId :

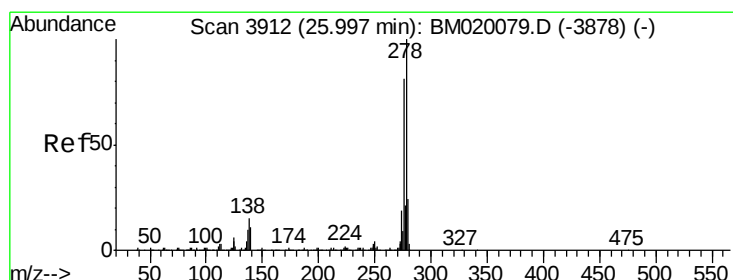
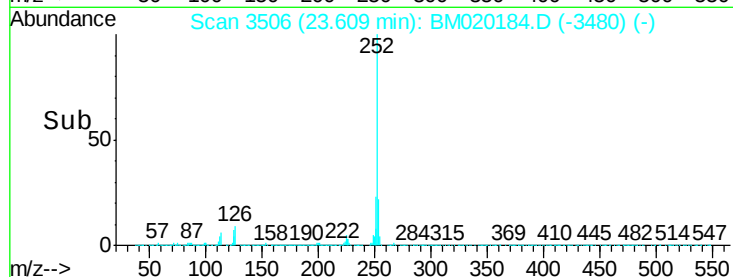
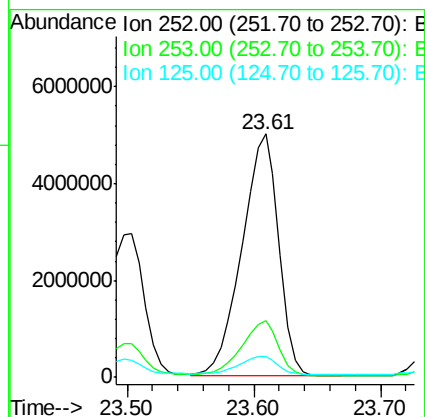
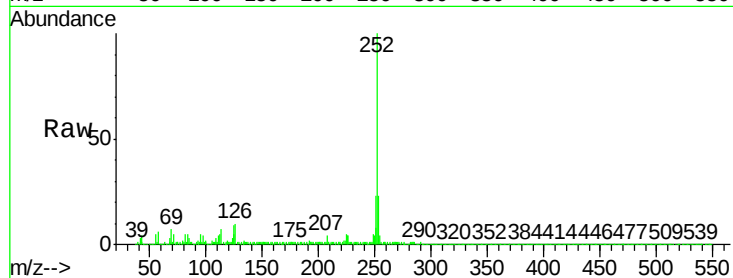
Tot Ion:252 Resp: 9998416

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

125 8.8 5.5 8.3#



#91

Dibenzo(a,h)anthracene

Concen: 16.183 ng

RT: 26.06 min Scan# 3922

Delta R.T. 0.06 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

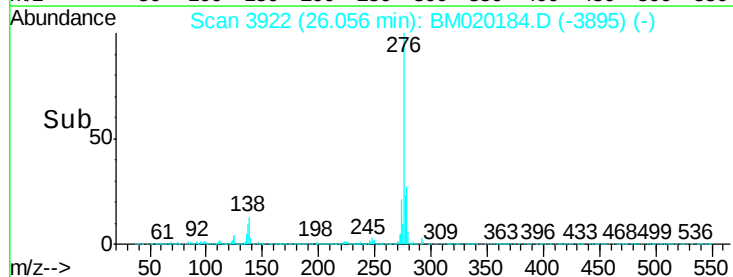
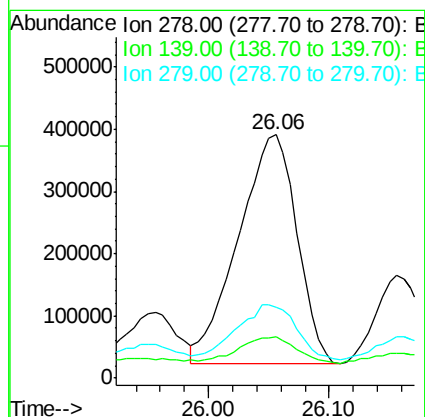
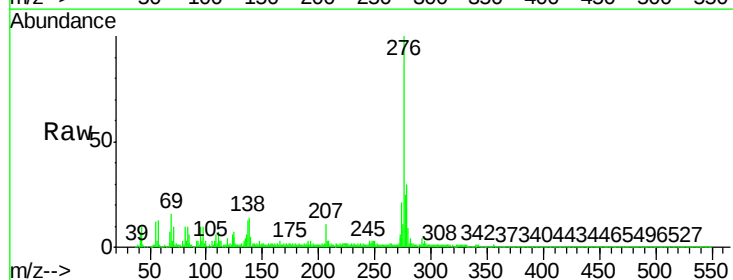
Tgt Ion:278 Resp: 1246924

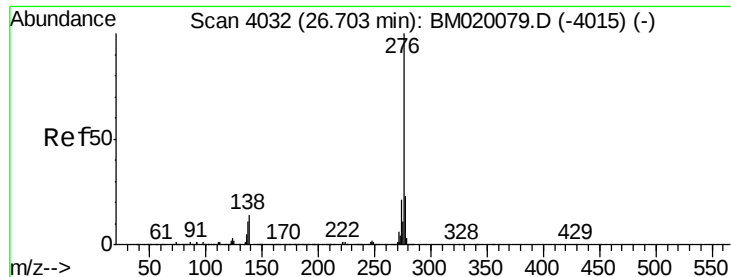
Ion Ratio Lower Upper

278 100

139 16.8 8.6 13.0#

279 28.9 18.8 28.2#





#92

Benzo(a,h,i)perylene

Concen: 45.808 ng

RT: 26.79 min Scan# 4046

Delta R.T. 0.08 min

Lab File: BM020184.D

Acq: 08 May 2019 02:47

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 3351027

Ion Ratio Lower Upper

276 100

277 26.1 18.4 27.6

138 14.7 11.1 16.7

