

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019108.D
 Acq On : 12 Mar 2019 12:50
 Operator : JU/SJ
 Sample : K1846-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-D

Quant Time: Mar 13 03:51:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	174596	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	695045	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	437862	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1026074	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1192892	20.00	ng	0.00
87) Perylene-d12	23.51	264	1330211	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1651050	153.14	ng	0.00
7) Phenol-d6	6.85	99	2416154	153.22	ng	0.00
23) Nitrobenzene-d5	8.83	82	1471905	100.10	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1059000	163.81	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2877510	85.48	ng	0.00
79) Terphenyl-d14	19.71	244	4997426	83.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	156	0.033	ng	# 14
3) Pyridine	3.61	79	119	0.009	ng	# 1
4) n-Nitrosodimethylamine	3.59	42	764	0.188	ng	# 1
8) 2-Chlorophenol	7.23	128	128	0.010	ng	# 1
9) Benzaldehyde	6.85	77	5576	0.562	ng	# 6
10) Phenol	6.87	94	35885	2.112	ng	# 75
15) Benzyl Alcohol	7.98	79	22417	1.718	ng	# 46
22) Acetophenone	8.51	105	119	0.006	ng	# 57
24) Nitrobenzene	8.83	77	5020	0.328	ng	# 40
25) Isophorone	9.39	82	502	0.018	ng	# 68
31) Naphthalene	10.50	128	280	0.008	ng	# 69
46) 1,1'-Biphenyl	13.15	154	3746	0.098	ng	# 83
50) Dimethylphthalate	13.79	163	257797	6.882	ng	# 98
51) 2,6-Dinitrotoluene	13.83	165	134	0.017	ng	# 20
52) Acenaphthene	14.32	154	1806	0.065	ng	# 5
60) Diethylphthalate	15.15	149	2188	0.058	ng	# 60
63) Azobenzene	15.69	77	140	0.004	ng	# 56
71) Phenanthrene	17.12	178	3242	0.054	ng	# 92
72) Anthracene	17.22	178	277	0.005	ng	# 61
73) Carbazole	17.52	167	111	0.002	ng	# 59
74) Di-n-butylphthalate	18.04	149	8370	0.125	ng	# 94
75) Fluoranthene	19.14	202	5517	0.080	ng	# 93
77) Benzidine	19.38	184	505	0.015	ng	# 67
78) Pyrene	19.51	202	5544	0.073	ng	# 97
80) Butylbenzylphthalate	20.39	149	772	0.023	ng	# 21
81) Benzo(a)anthracene	21.26	228	8047	0.108	ng	# 86
82) 3,3'-Dichlorobenzidine	21.20	252	110	0.004	ng	# 25
83) Chrysene	21.30	228	3361	0.046	ng	# 84
84) Bis(2-ethylhexyl)phthalate	21.17	149	13428	0.281	ng	# 96
85) Di-n-octyl phthalate	22.06	149	1208	0.015	ng	# 56
86) Indeno(1,2,3-cd)pyrene	25.80	276	3227	0.041	ng	# 78
88) Benzo(b)fluoranthene	22.84	252	6297	0.073	ng	# 37
89) Benzo(k)fluoranthene	22.84	252	5346	0.067	ng	# 38
90) Benzo(a)pyrene	23.41	252	3973	0.051	ng	# 32

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

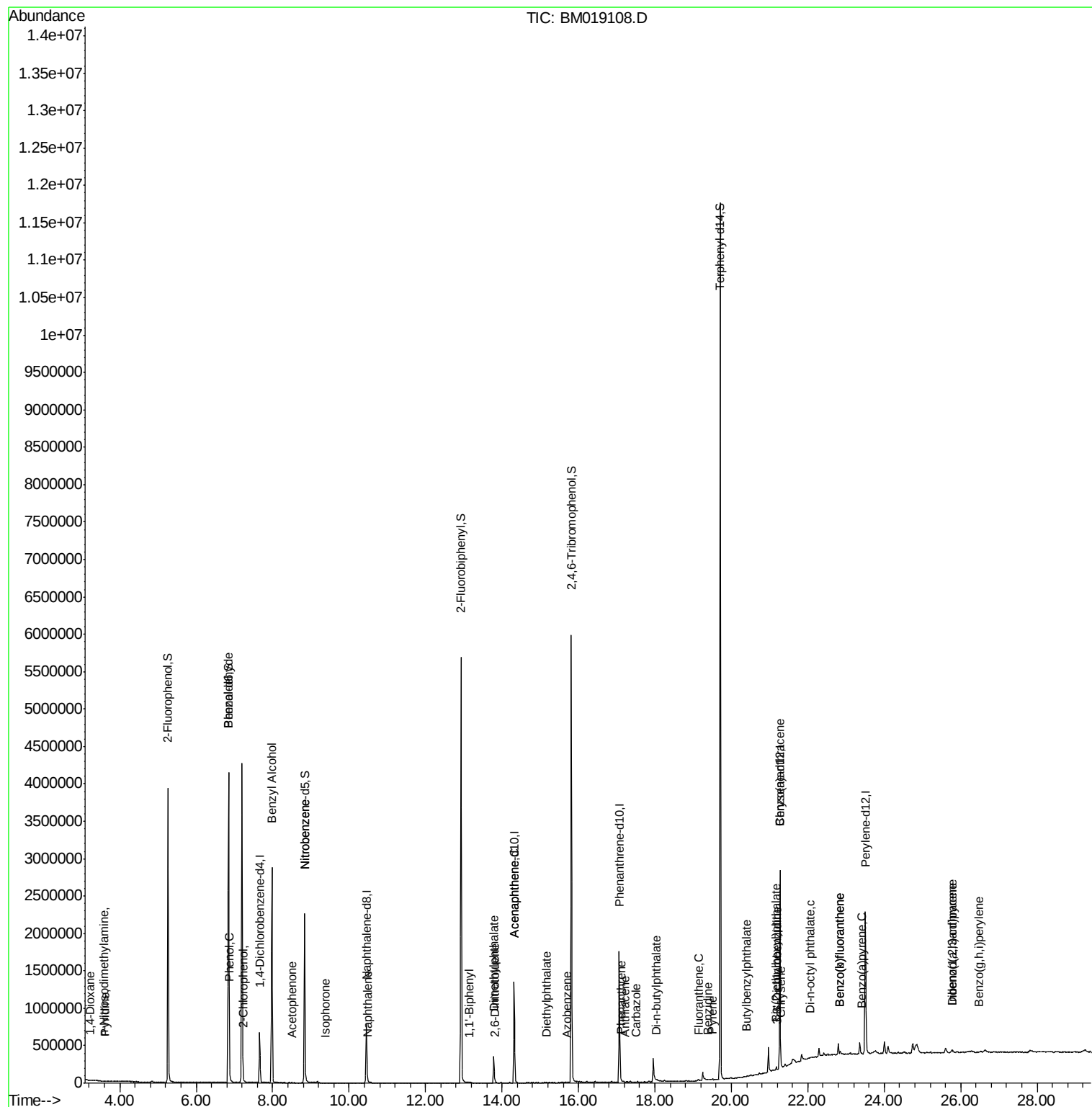
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	25.79	278	1246	0.017	ng	# 5
92) Benzo(g,h,i)perylene	26.48	276	1542	0.023	ng	# 53

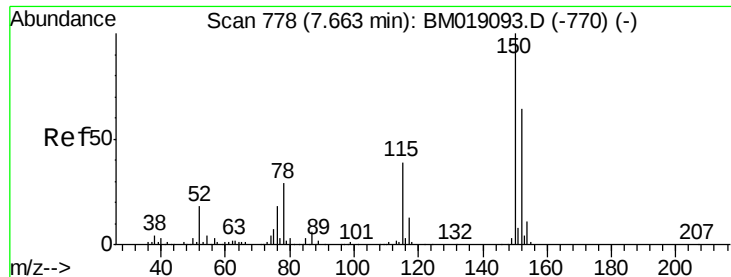
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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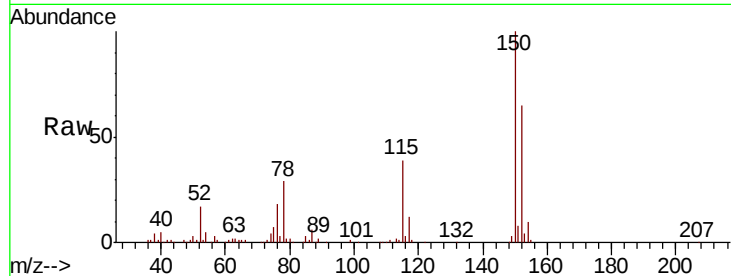


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

Instrument :
BNA_M
ClientSampleId :
TP-1-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.3	187.9
115	60.2	49.4	74.0

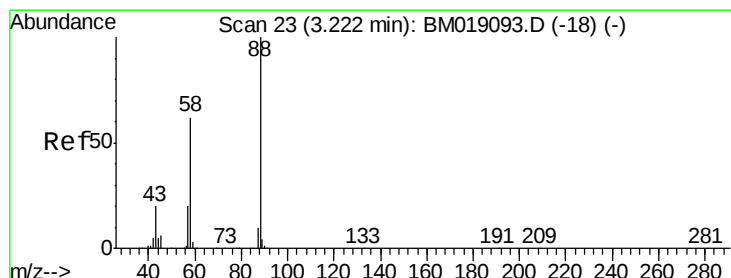
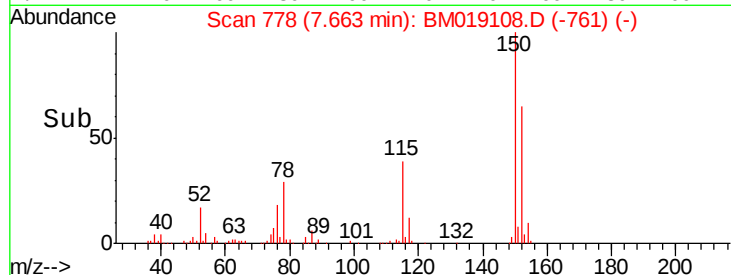
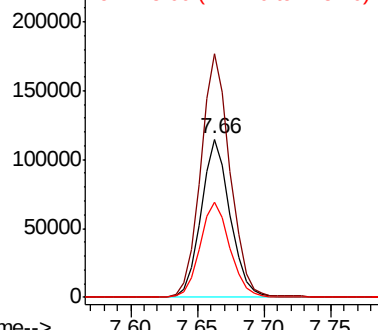


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

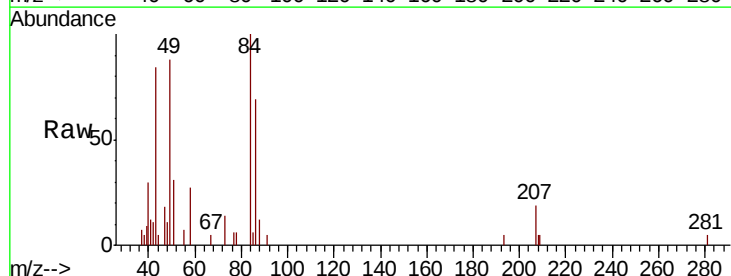
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.033 ng
RT: 3.23 min Scan# 24
Delta R.T. 0.01 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	139.7	50.0	75.0#
43	0.0	17.0	25.4#

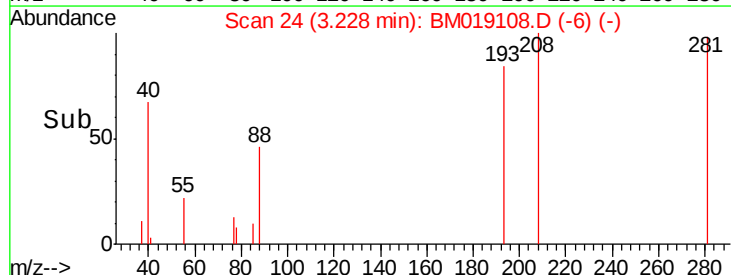
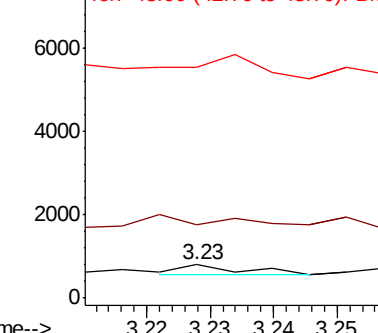


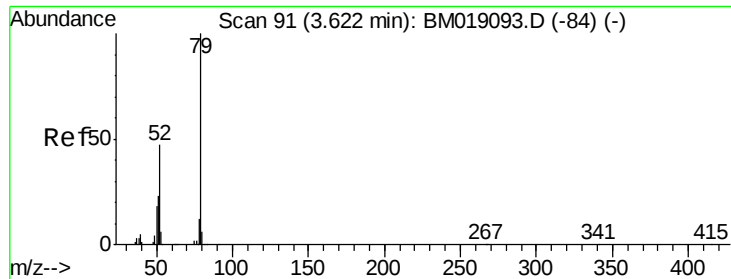
Abundance

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: 0.009 ng

RT: 3.61 min Scan# 89

Delta R.T. -0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

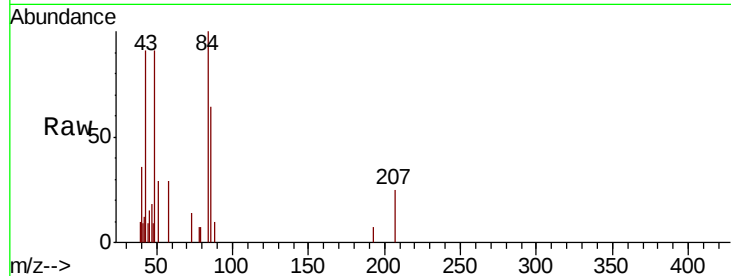
Tot Ion: 79 Resp: 119

Ion Ratio Lower Upper

79 100

52 0.0 37.5 56.3#

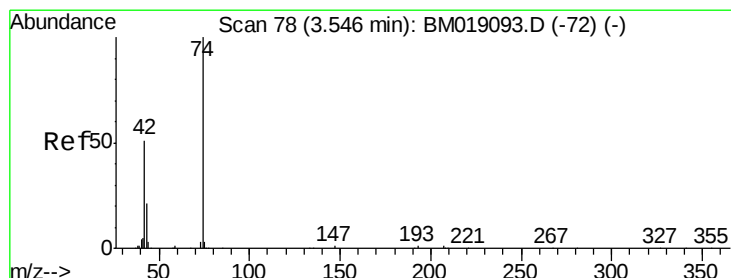
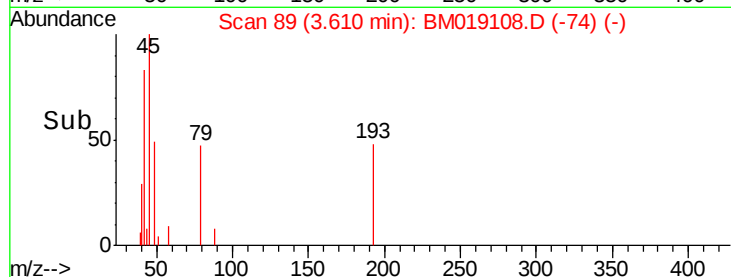
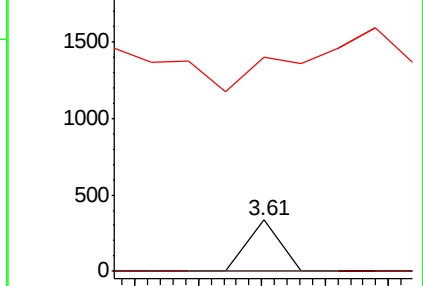
51 416.1 19.2 28.8#



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019093.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 0.188 ng

RT: 3.59 min Scan# 85

Delta R.T. 0.04 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

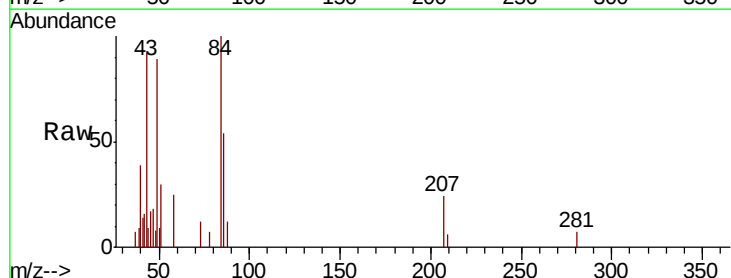
Tgt Ion: 42 Resp: 764

Ion Ratio Lower Upper

42 100

74 0.0 156.3 234.5#

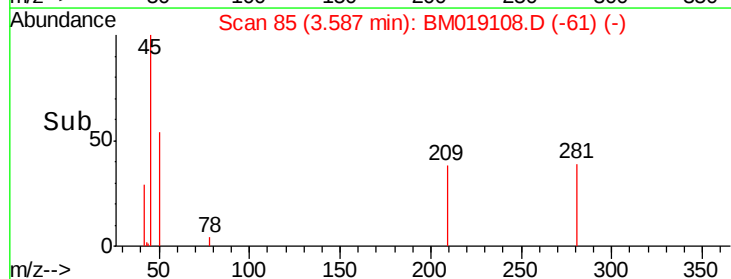
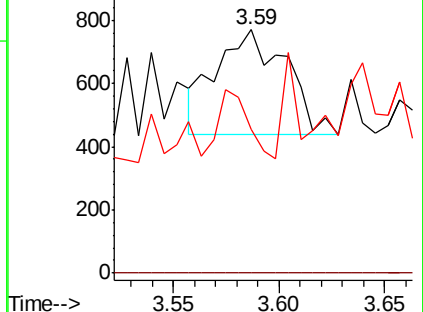
44 59.3 4.6 7.0#

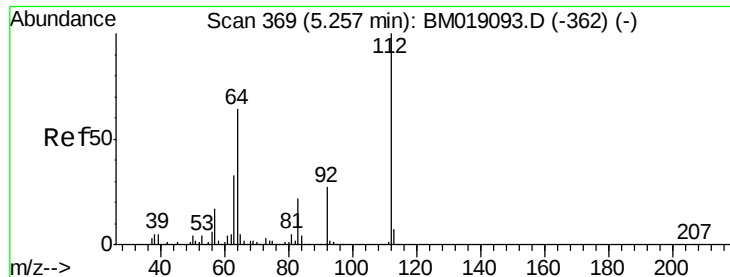


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019093.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 153.144 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampled :

TP-1-D

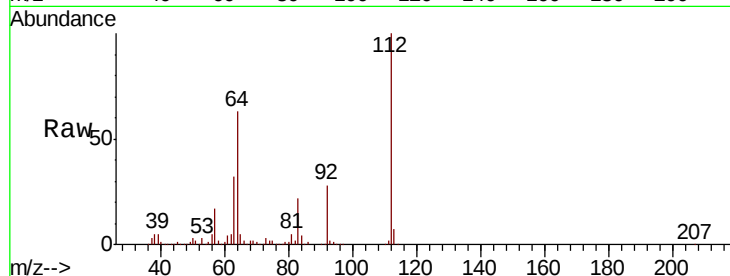
Tot Ion:112 Resp: 1651050

Ion Ratio Lower Upper

112 100

64 62.7 51.4 77.0

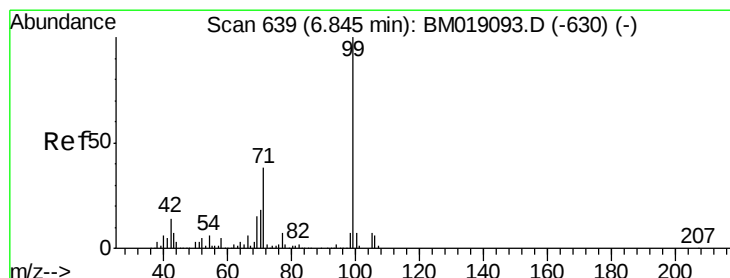
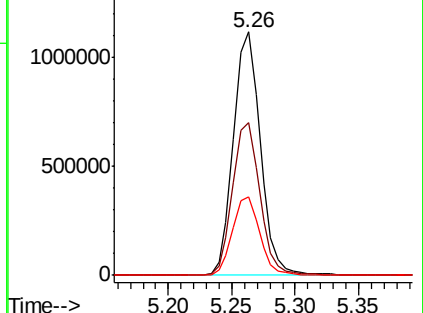
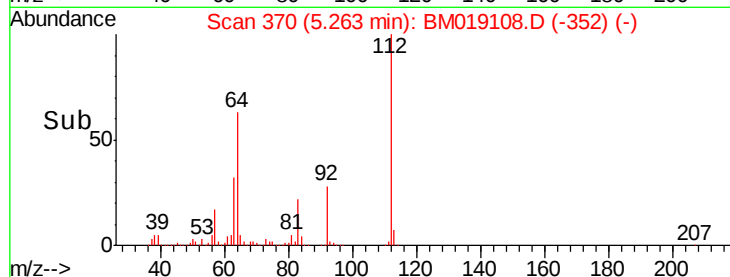
63 32.1 26.6 40.0



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: 153.217 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

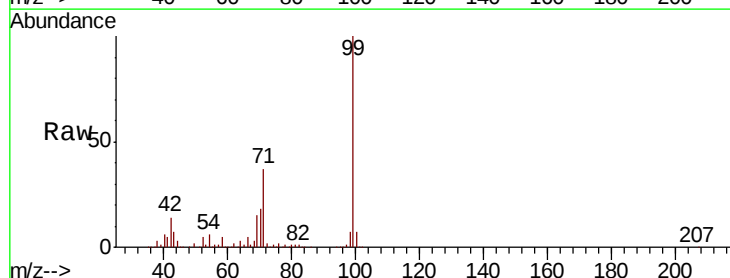
Tgt Ion: 99 Resp: 2416154

Ion Ratio Lower Upper

99 100

42 13.6 10.9 16.3

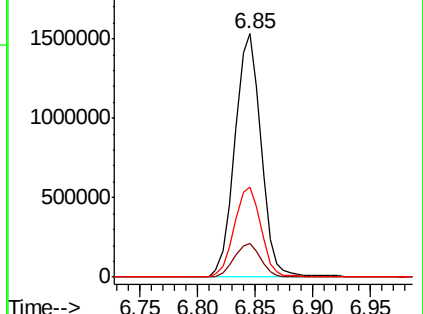
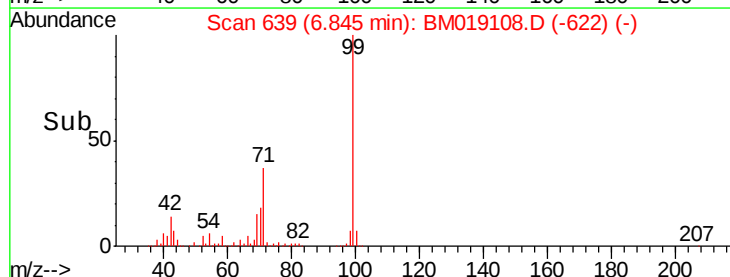
71 37.2 30.3 45.5

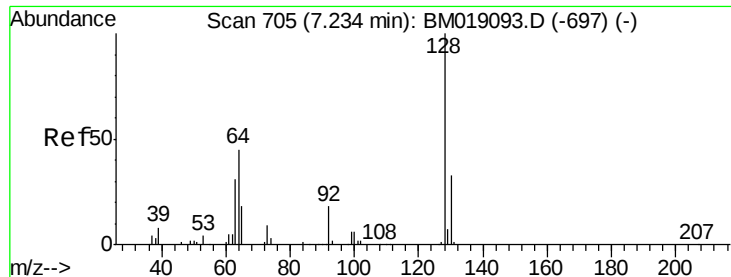


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.010 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

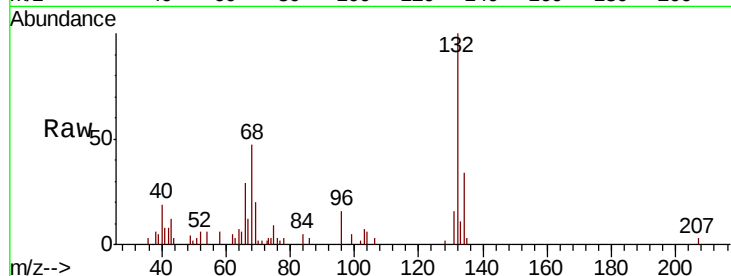
Tot Ion:128 Resp: 128

Ion Ratio Lower Upper

128 100

130 0.0 12.8 52.8#

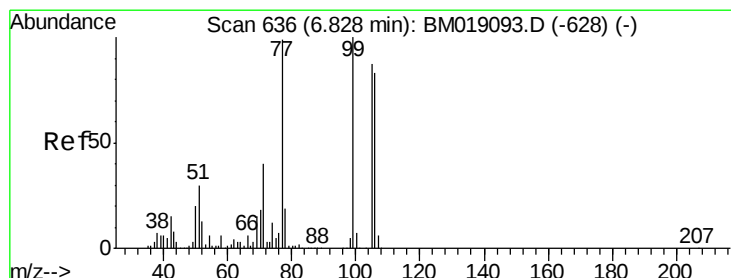
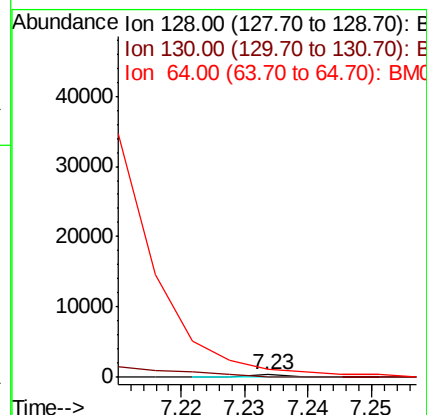
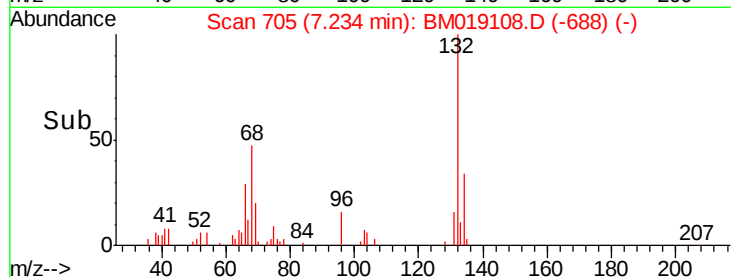
64 304.4 30.8 70.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 0.562 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.02 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

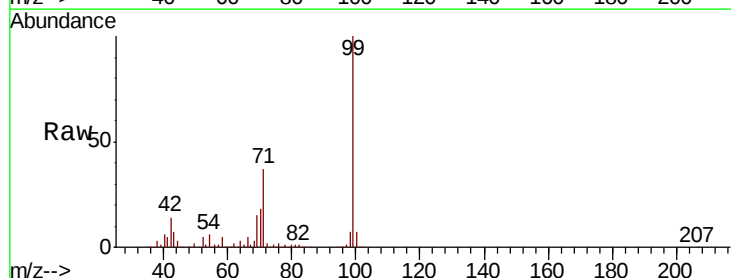
Tgt Ion: 77 Resp: 5576

Ion Ratio Lower Upper

77 100

105 0.0 67.7 107.7#

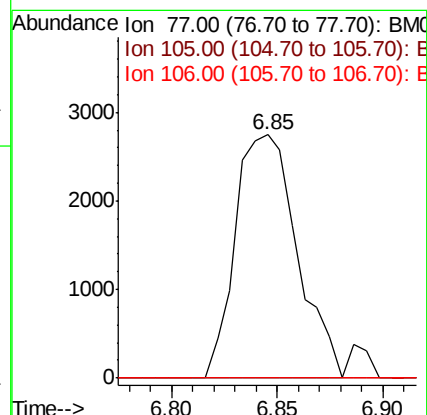
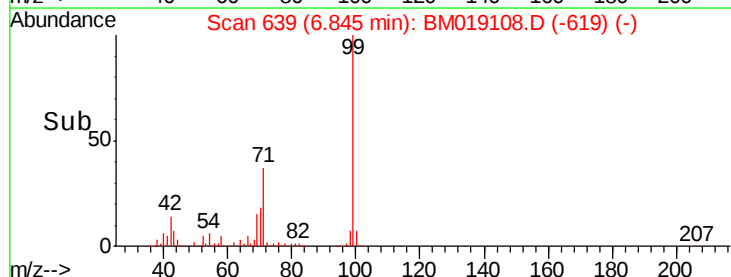
106 0.0 64.1 104.1#

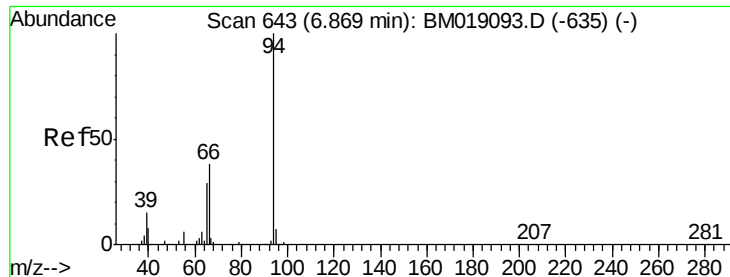


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.112 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

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ClientSampled :

TP-1-D

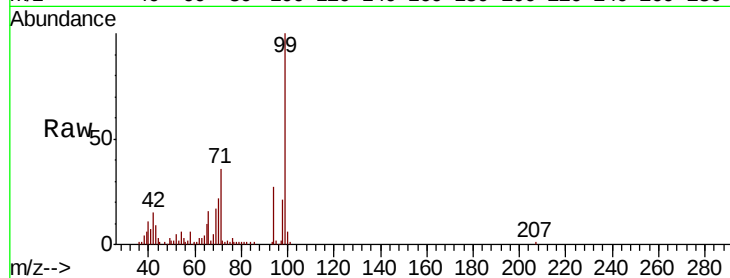
Tot Ion: 94 Resp: 35885

Ion Ratio Lower Upper

94 100

65 36.9 9.7 49.7

66 59.7 19.2 59.2#

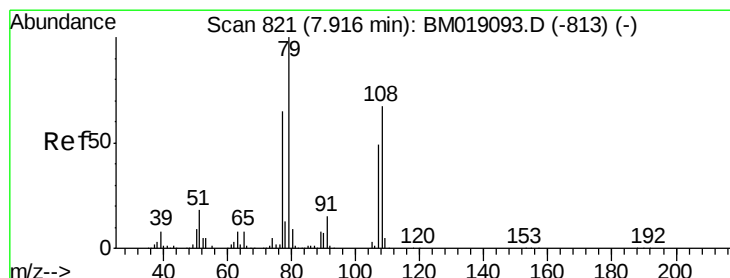
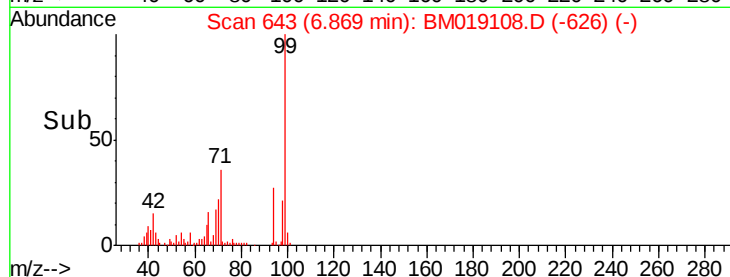
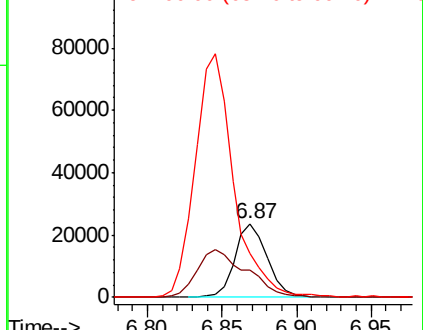


Abundance

Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)



#15

Benzyl Alcohol

Concen: 1.718 ng

RT: 7.98 min Scan# 832

Delta R.T. 0.06 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

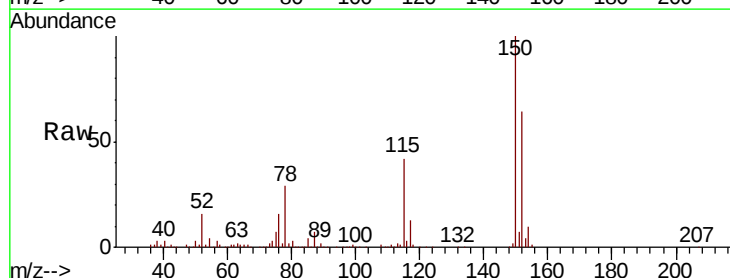
Tgt Ion: 79 Resp: 22417

Ion Ratio Lower Upper

79 100

108 29.7 53.7 80.5#

77 114.1 51.8 77.8#

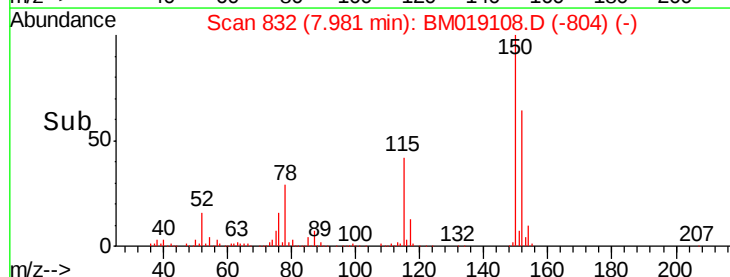
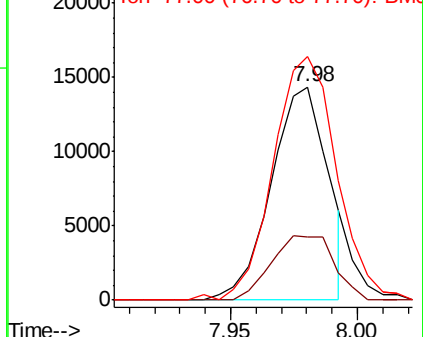


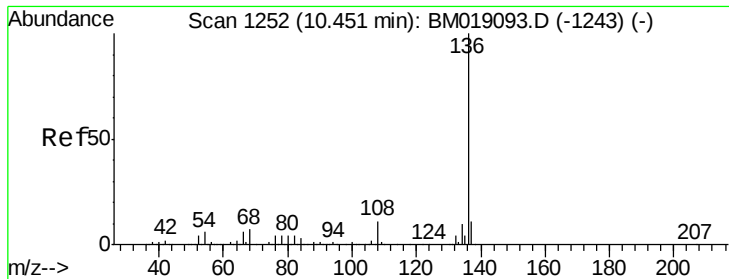
Abundance

Ion 79.00 (78.70 to 79.70): BM019093.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-813) (-)

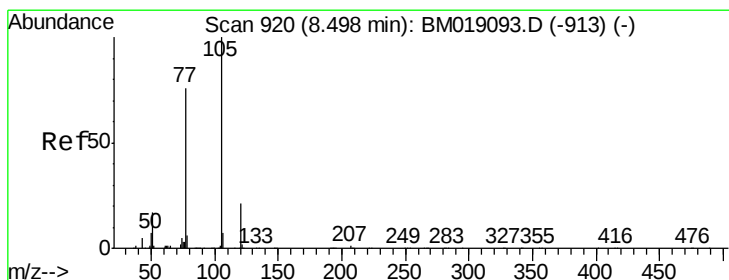
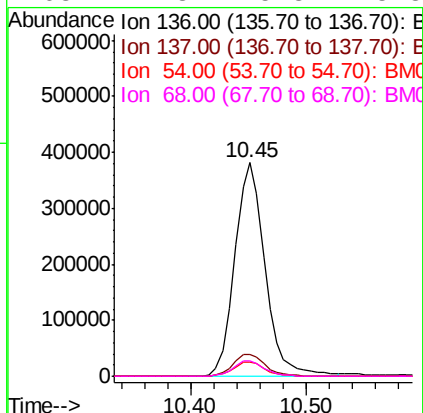
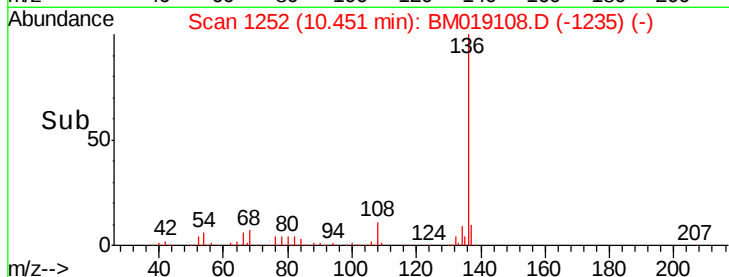
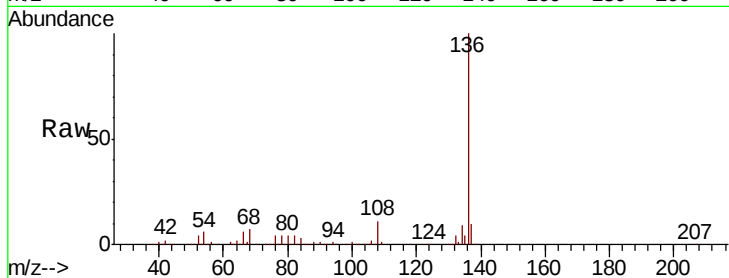




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

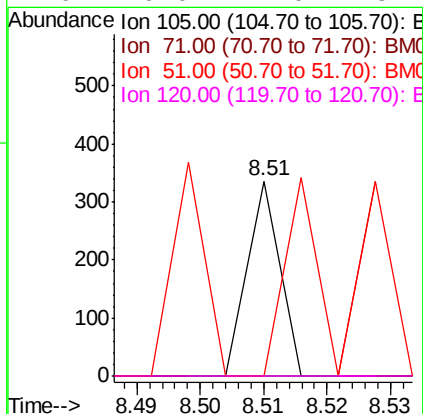
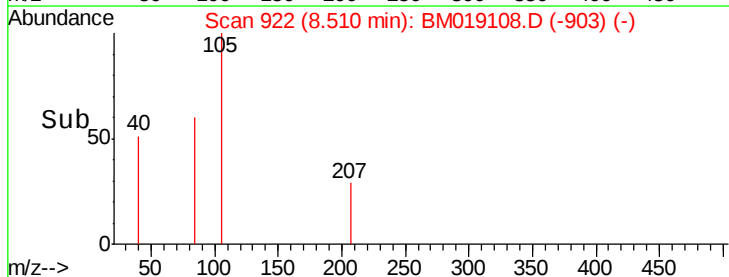
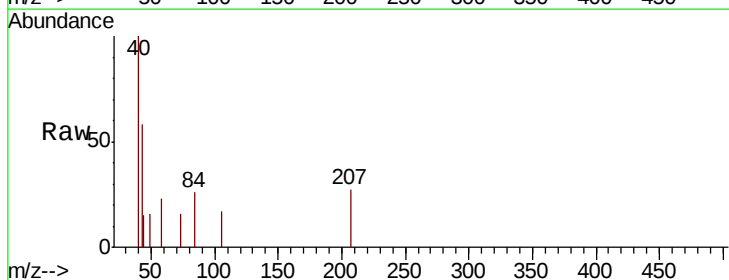
Instrument :
BNA_M
ClientSampleId :
TP-1-D

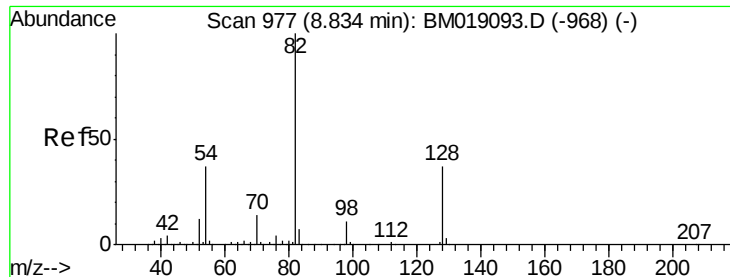
Tot Ion:136	Resp: 695045
Ion Ratio	Lower Upper
136 100	
137 10.4	8.6 13.0
54 6.5	5.2 7.8
68 7.3	5.8 8.8



#22
Acetophenone
Concen: 0.006 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.01 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

Tgt	Ion:105	Resp:	119
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	0.0	15.8	23.6#
120	0.0	17.0	25.4#

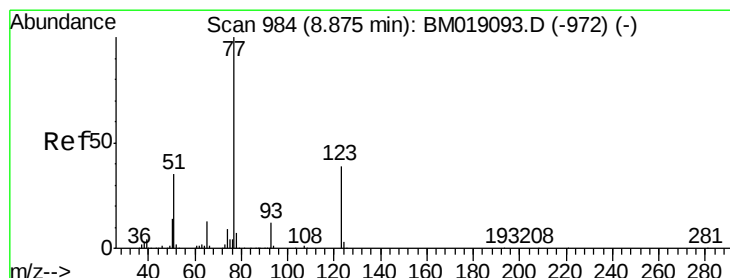
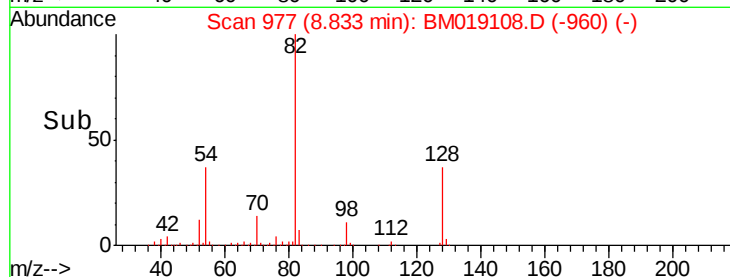
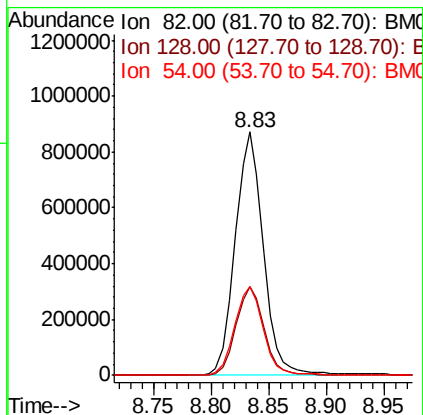
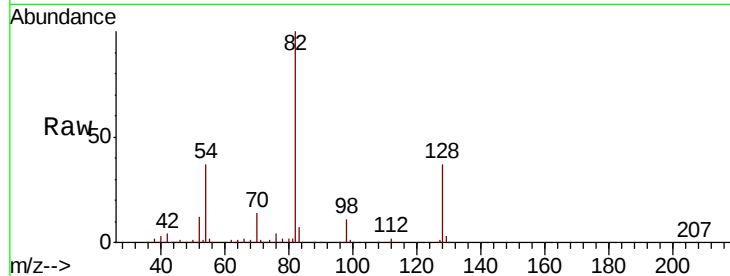




#23
Nitrobenzene-d5
Concen: 100.105 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

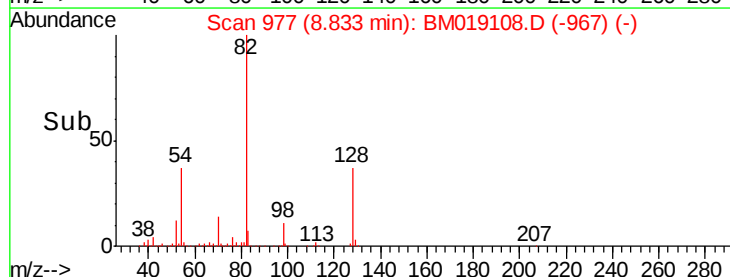
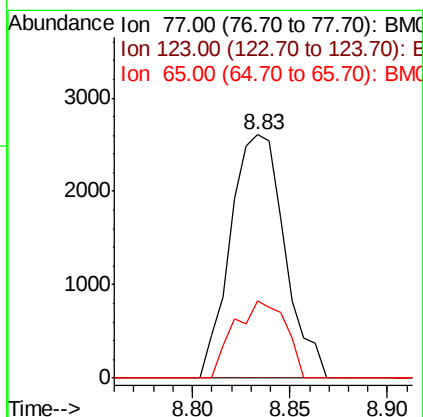
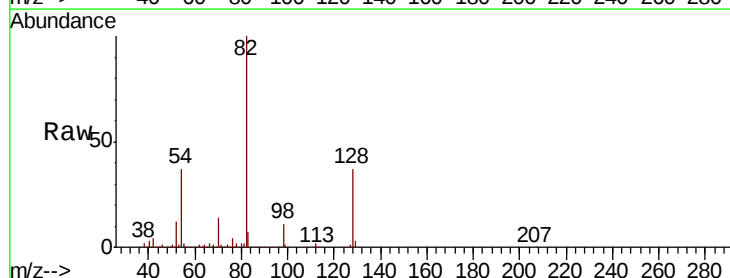
Instrument :
BNA_M
ClientSampled :
TP-1-D

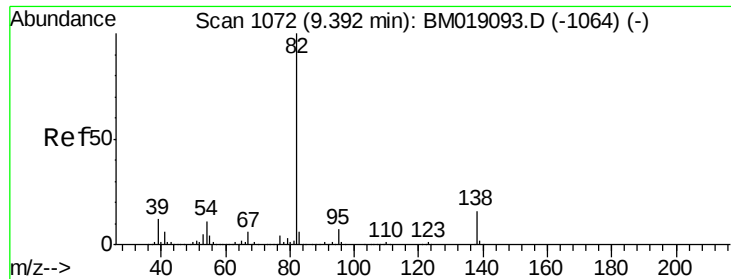
Tot Ion: 82 Resp: 1471905
Ion Ratio Lower Upper
82 100
128 36.7 29.4 44.2
54 36.7 29.9 44.9



#24
Nitrobenzene
Concen: 0.328 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

Tgt Ion: 77 Resp: 5020
Ion Ratio Lower Upper
77 100
123 0.0 31.3 46.9#
65 31.9 10.5 15.7#





#25

Isophorone

Concen: 0.018 ng

RT: 9.39 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

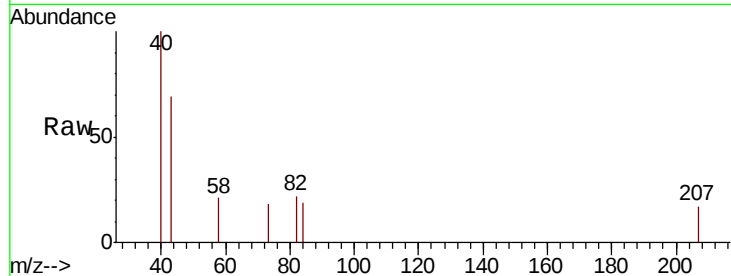
Tot Ion: 82 Resp: 502

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 12.6 18.8#

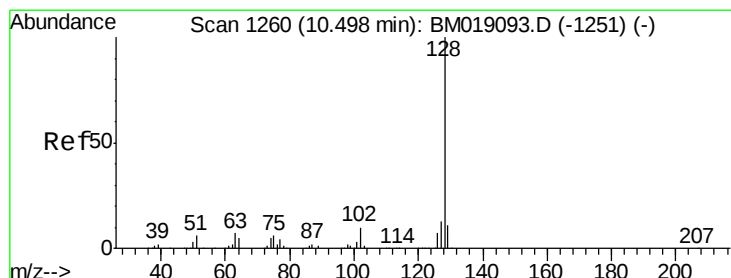
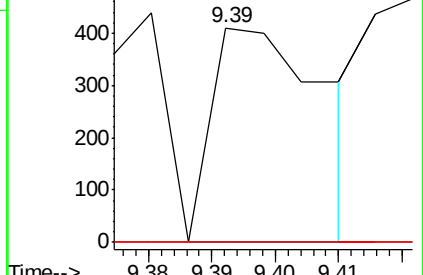
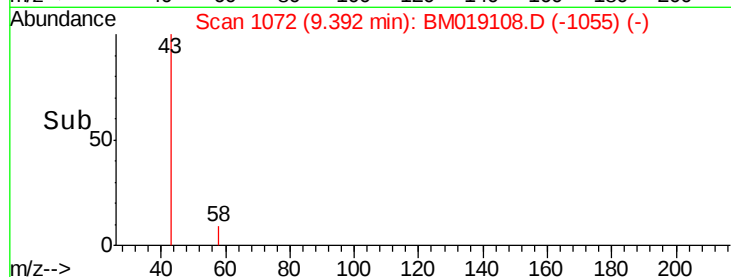


Abundance Ion 82.00 (81.70 to 82.70): BM019108.D (-1055) (-)

Ion 95.00 (94.70 to 95.70): BM019108.D (-1055) (-)

Ion 138.00 (137.70 to 138.70): BM019108.D (-1055) (-)

Time-->



#31

Naphthalene

Concen: 0.008 ng

RT: 10.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

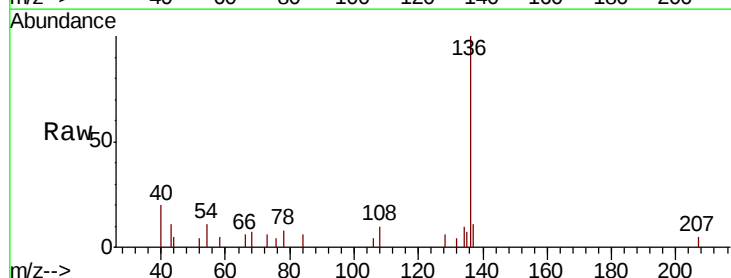
Tgt Ion: 128 Resp: 280

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

127 0.0 10.4 15.6#

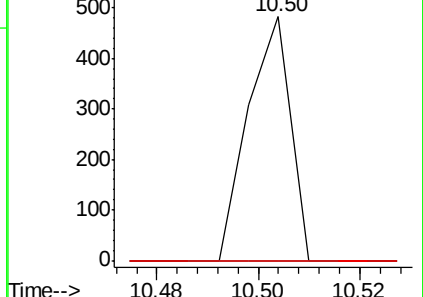
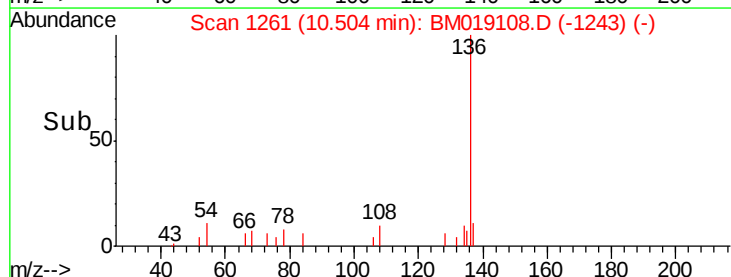


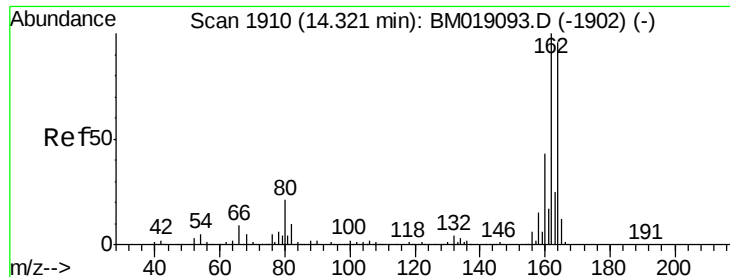
Abundance Ion 128.00 (127.70 to 128.70): BM019108.D (-1243) (-)

Ion 129.00 (128.70 to 129.70): BM019108.D (-1243) (-)

Ion 127.00 (126.70 to 127.70): BM019108.D (-1243) (-)

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

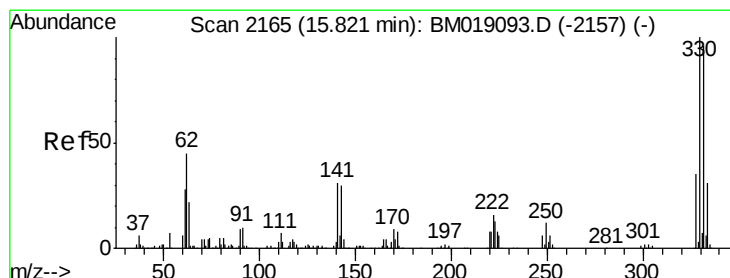
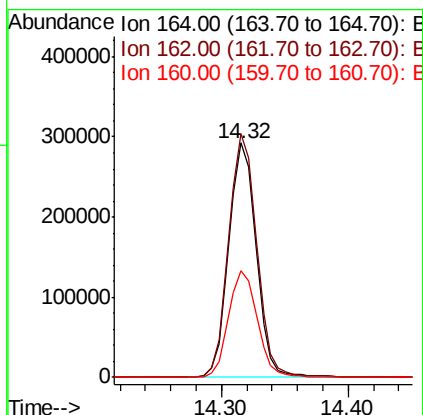
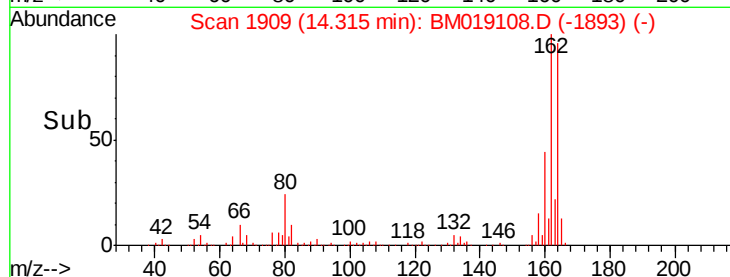
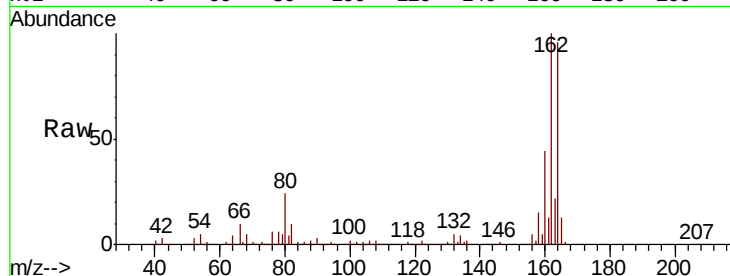
Tot Ion:164 Resp: 437862

Ion Ratio Lower Upper

164 100

162 103.9 83.5 125.3

160 45.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 163.808 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

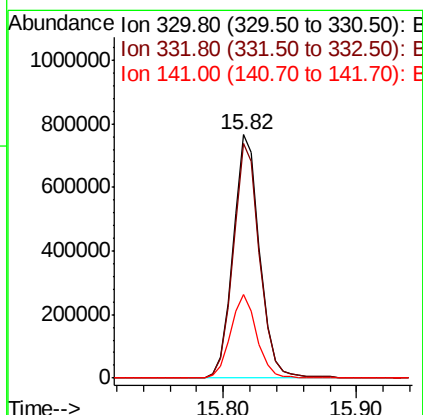
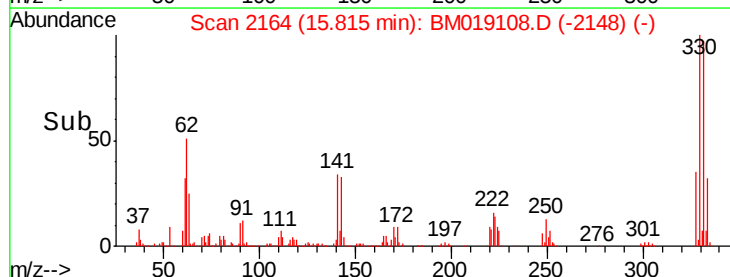
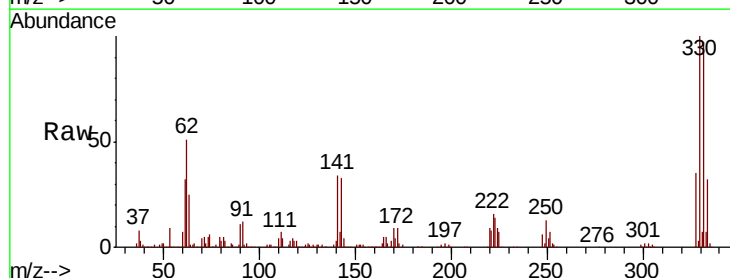
Tgt Ion:330 Resp: 1059000

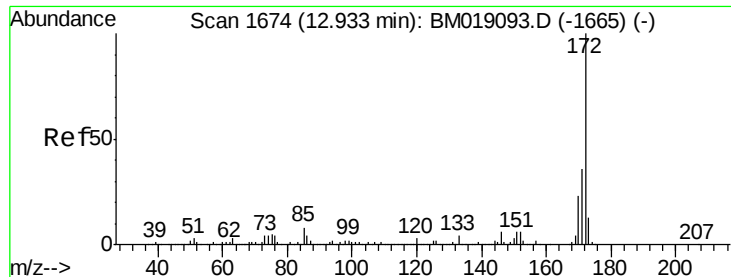
Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 34.1 27.0 40.4

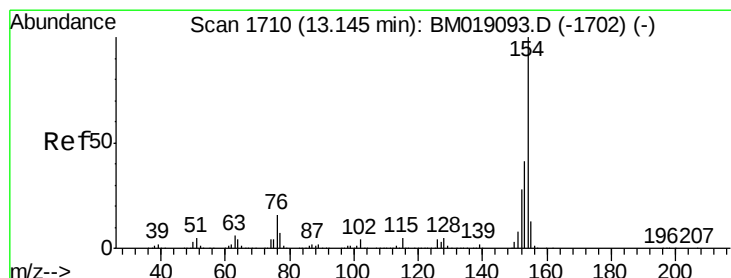
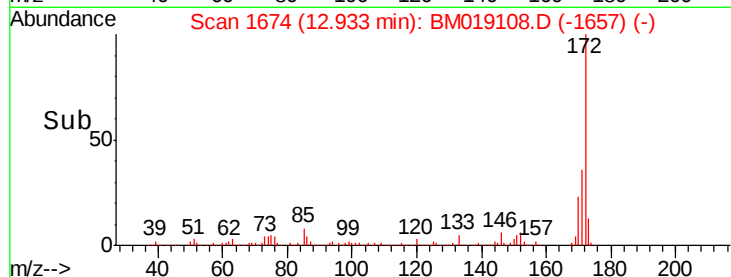
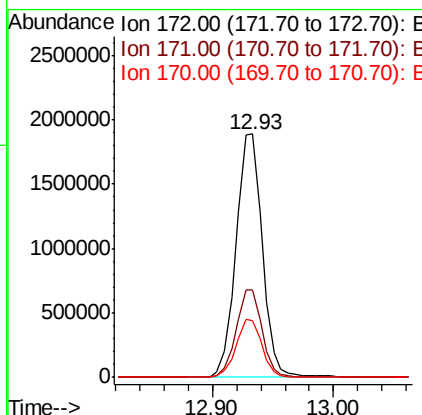
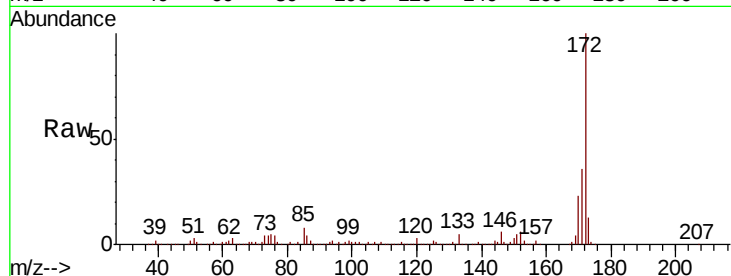




#45
2-Fluorobiphenyl
Concen: 85.482 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

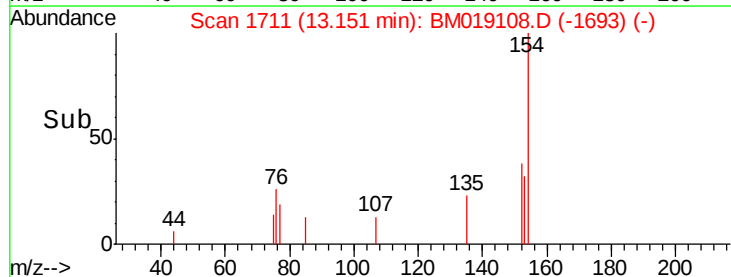
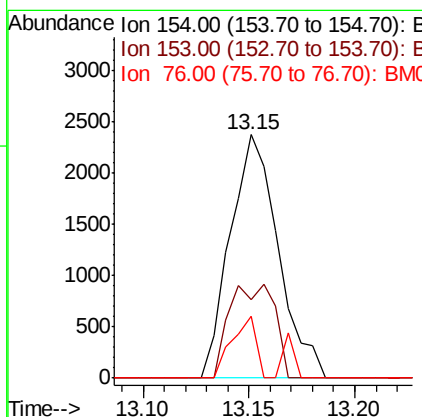
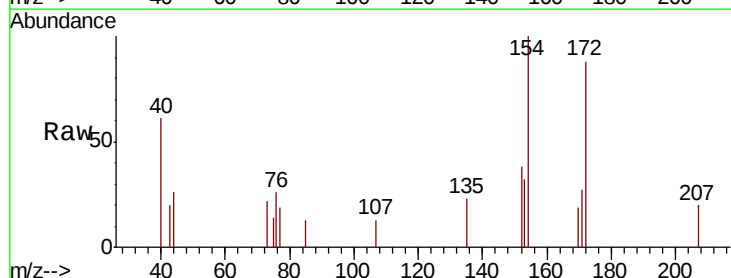
Instrument :
BNA_M
ClientSampleId :
TP-1-D

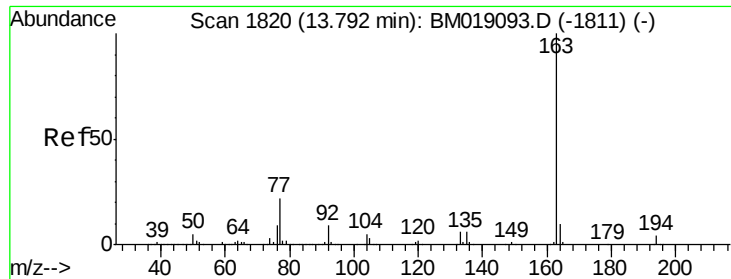
Tot Ion:172 Resp: 2877510
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.098 ng
RT: 13.15 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

Tgt Ion:154 Resp: 3746
Ion Ratio Lower Upper
154 100
153 32.2 21.5 61.5
76 25.7 0.0 35.8





#50

Dimethylphthalate

Concen: 6.882 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

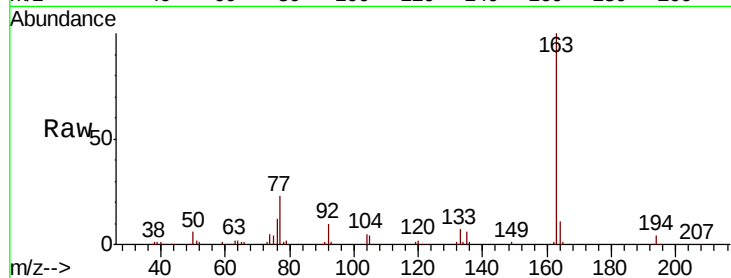
Tot Ion:163 Resp: 257797

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

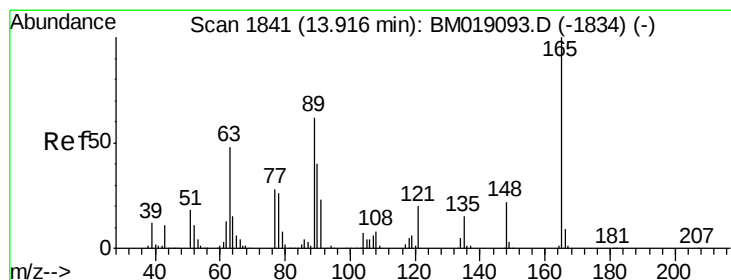
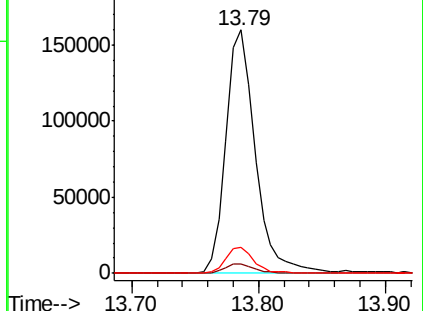
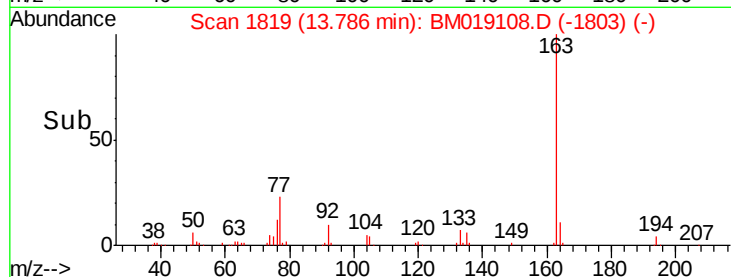
164 10.7 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.017 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.09 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

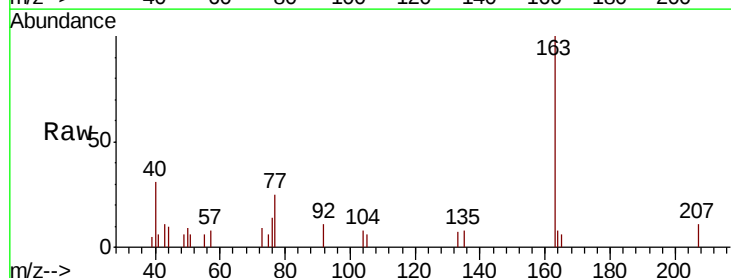
Tgt Ion:165 Resp: 134

Ion Ratio Lower Upper

165 100

63 0.0 48.2 72.4#

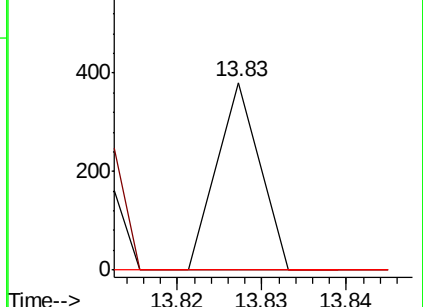
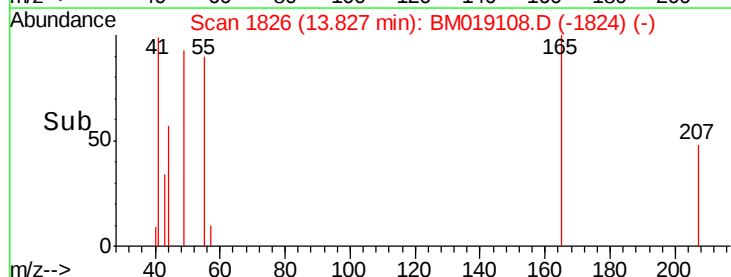
89 0.0 49.3 73.9#

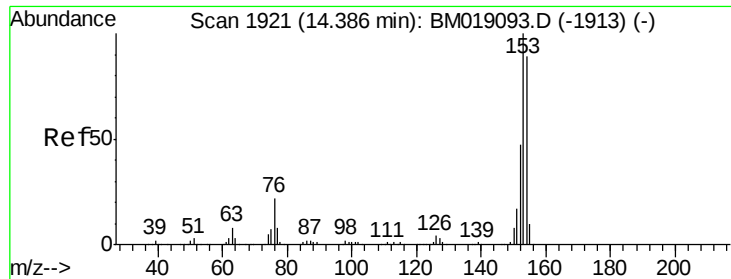


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#52

Acenaphthene

Concen: 0.065 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.07 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

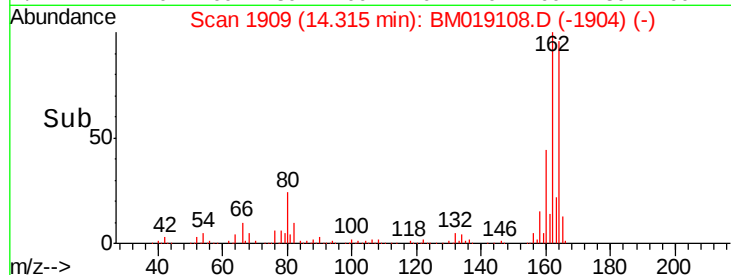
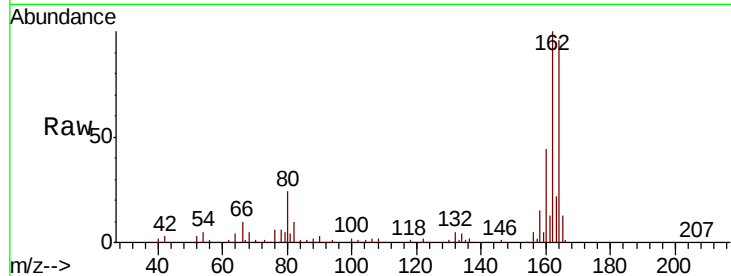
Tot Ion:154 Resp: 1806

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

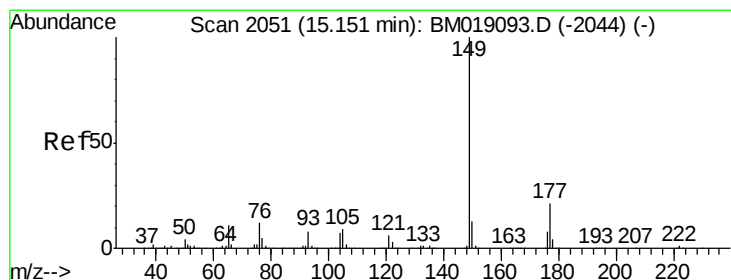
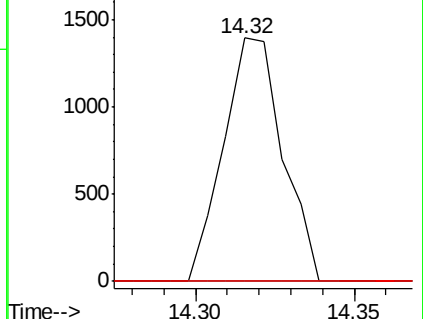
152 0.0 42.5 63.7#



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: 0.058 ng

RT: 15.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

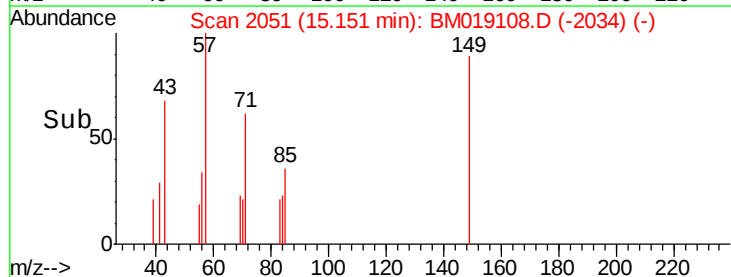
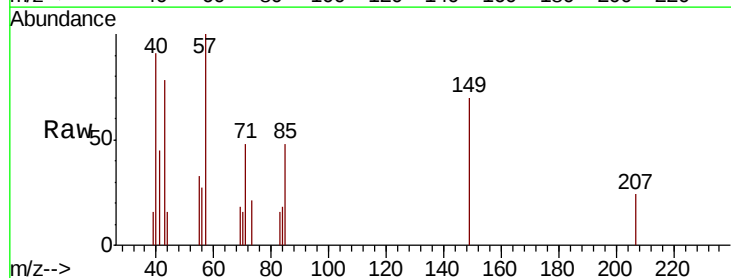
Tgt Ion:149 Resp: 2188

Ion Ratio Lower Upper

149 100

177 0.0 17.0 25.6#

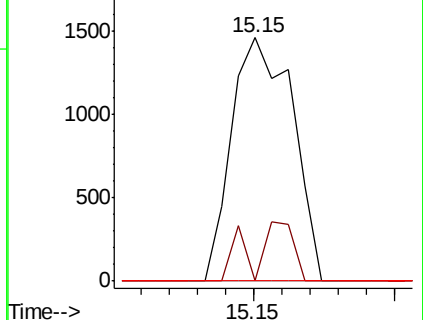
150 0.0 10.2 15.4#

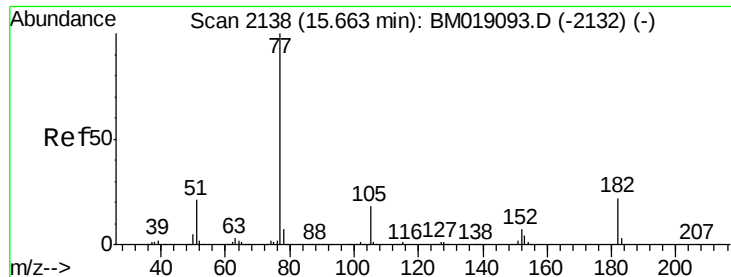


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

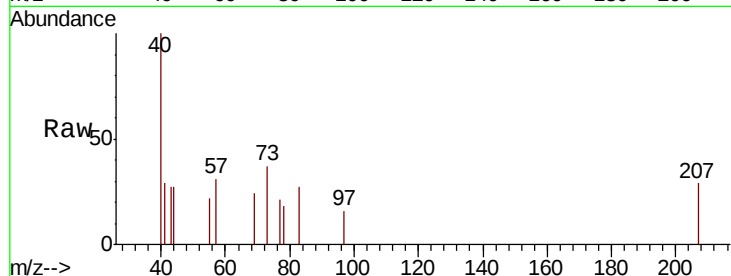




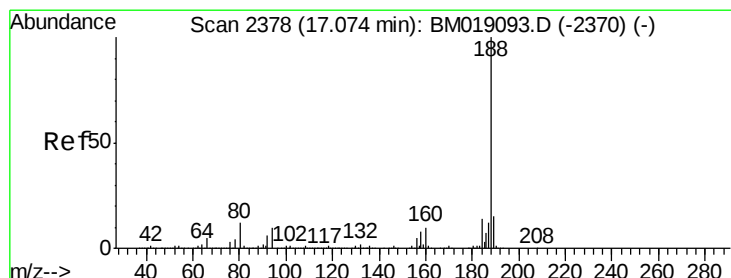
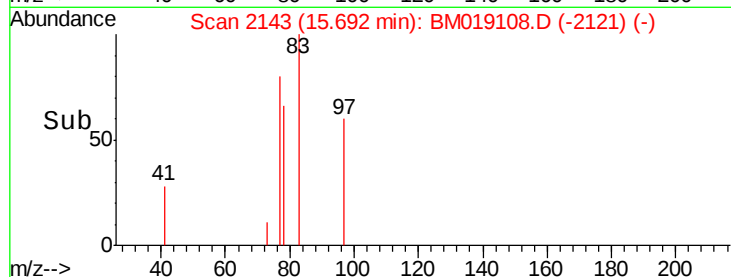
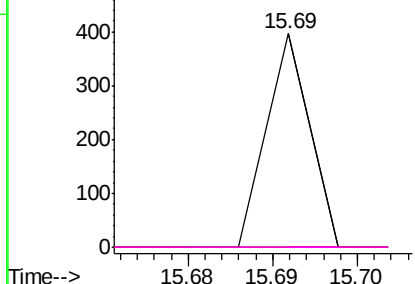
#63
Azobenzene
Concen: 0.004 ng
RT: 15.69 min Scan# 2143
Delta R.T. 0.03 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

Instrument :
BNA_M
ClientSampleId :
TP-1-D

Tot Ion: 77 Resp: 140
Ion Ratio Lower Upper
77 100
182 0.0 1.8 41.8#
105 0.0 0.0 38.3
51 0.0 0.8 40.8#

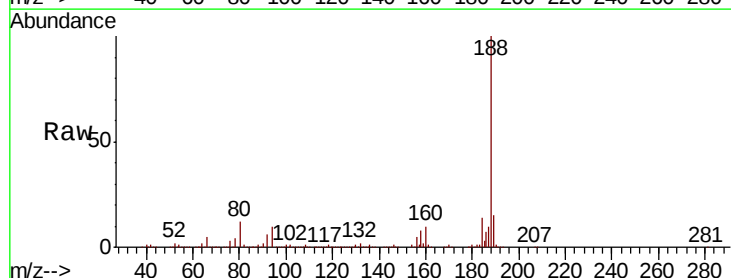


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)

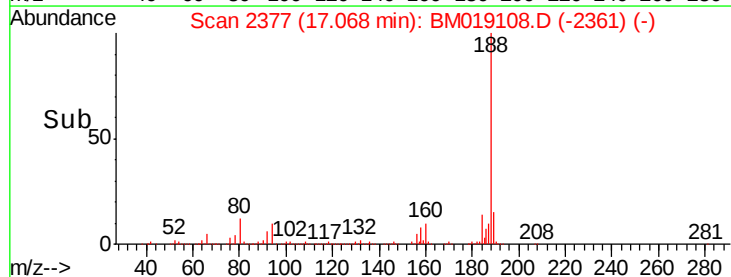
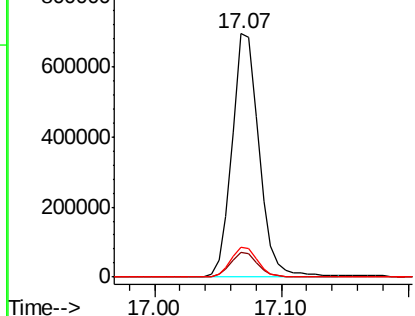


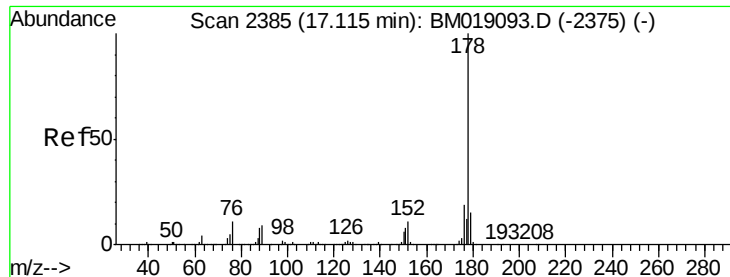
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

Tgt Ion: 188 Resp: 1026074
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 12.4 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM019093.D (-2370) (-)
Ion 80.00 (79.70 to 80.70): BM019093.D (-2370) (-)





#71

Phenanthrene

Concen: 0.054 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

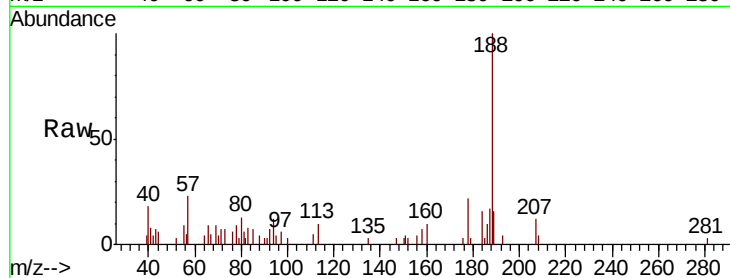
Tot Ion:178 Resp: 3242

Ion Ratio Lower Upper

178 100

176 12.8 15.3 22.9#

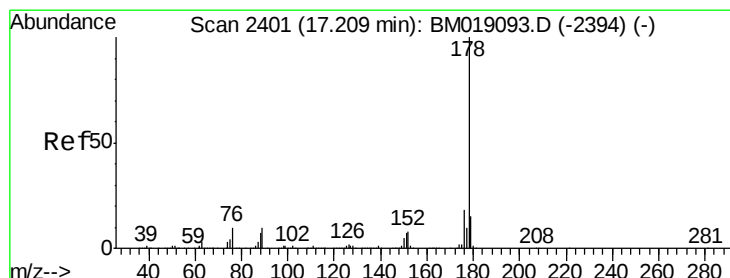
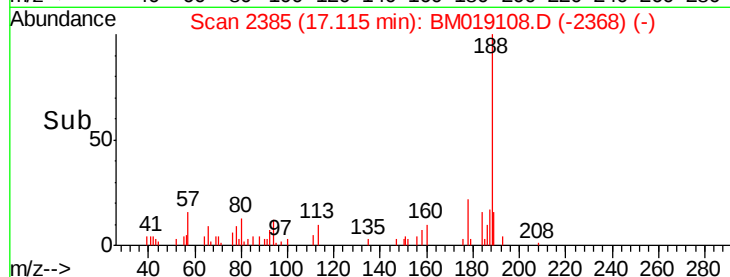
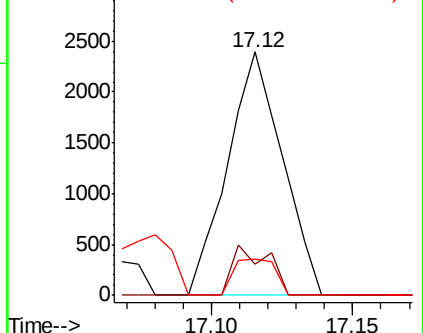
179 15.1 12.2 18.2



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: 0.005 ng

RT: 17.22 min Scan# 2403

Delta R.T. 0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

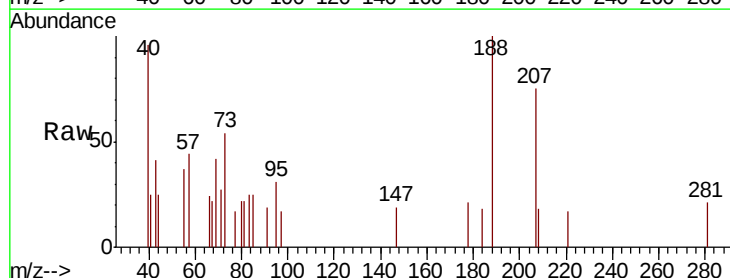
Tgt Ion:178 Resp: 277

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

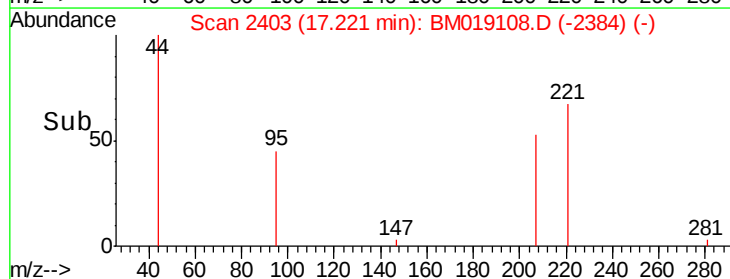
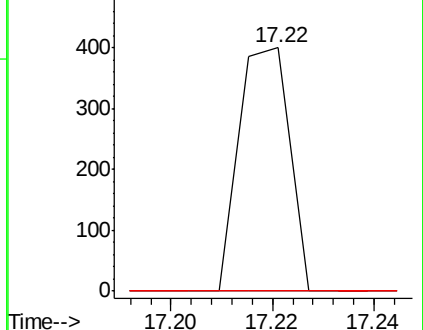
179 0.0 11.9 17.9#

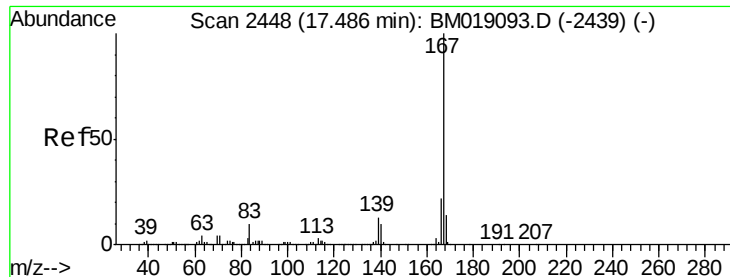


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.002 ng

RT: 17.52 min Scan# 2454

Delta R.T. 0.04 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

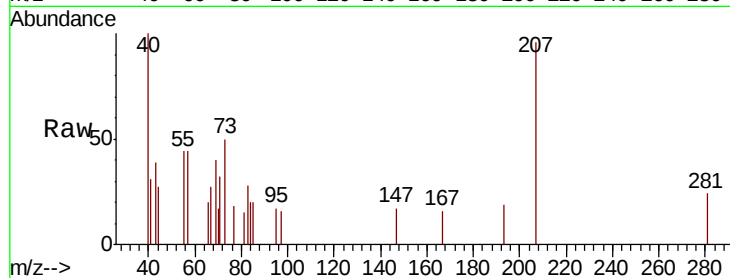
Tot Ion:167 Resp: 111

Ion Ratio Lower Upper

167 100

166 0.0 17.8 26.8#

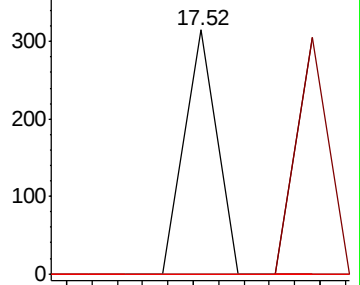
139 0.0 10.5 15.7#



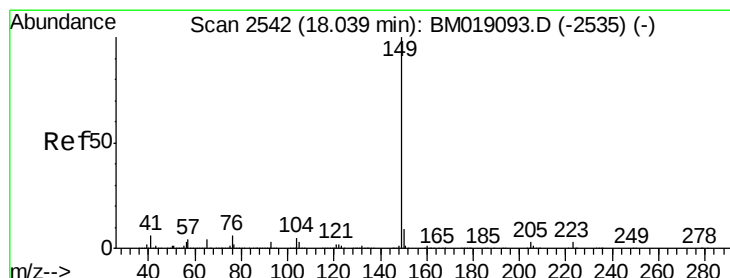
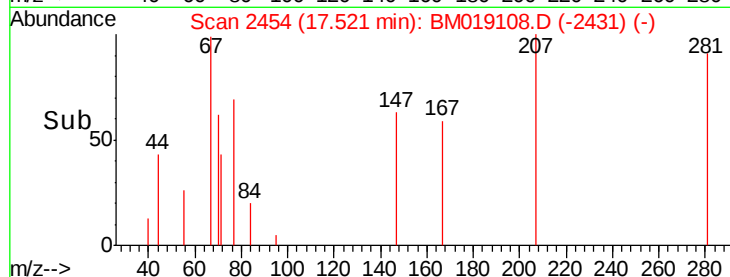
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.50 17.52 17.54



#74

Di-n-butylphthalate

Concen: 0.125 ng

RT: 18.04 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

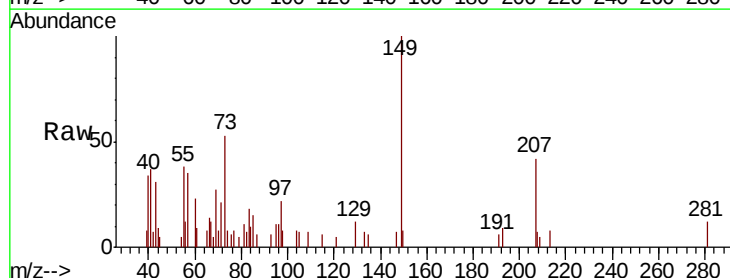
Tgt Ion:149 Resp: 8370

Ion Ratio Lower Upper

149 100

150 7.7 7.4 11.0

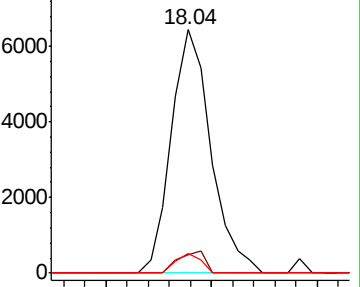
104 8.0 4.2 6.4#



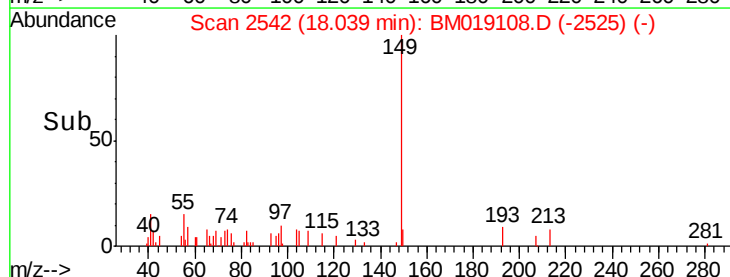
Abundance Ion 149.00 (148.70 to 149.70): E

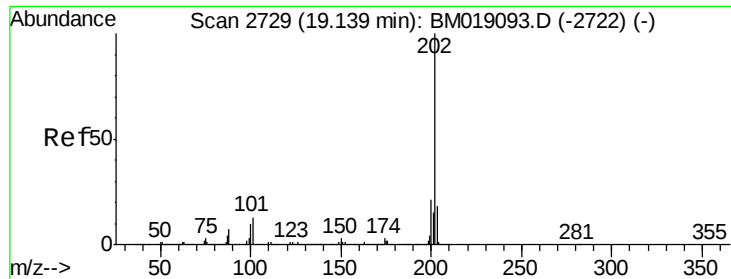
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.00 18.05 18.10





#75

Fluoranthene

Concen: 0.080 ng

RT: 19.14 min Scan# 2730

Delta R.T. 0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

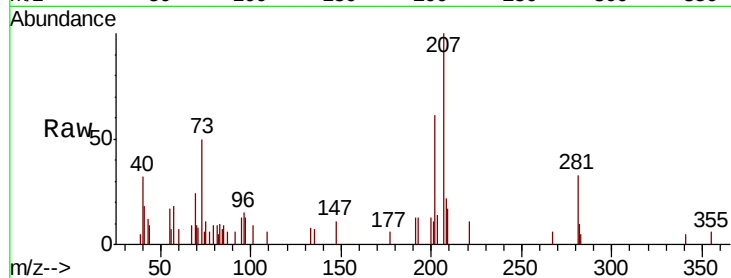
Tot Ion:202 Resp: 5517

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.0

203 22.5 0.0 37.8

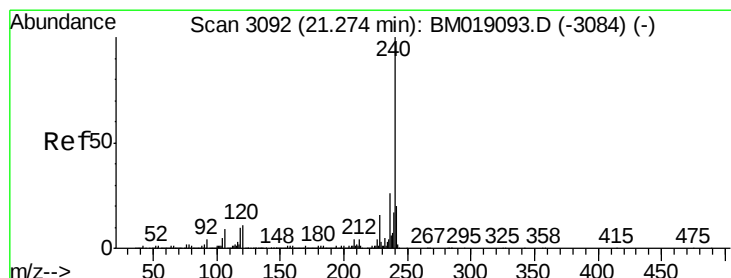
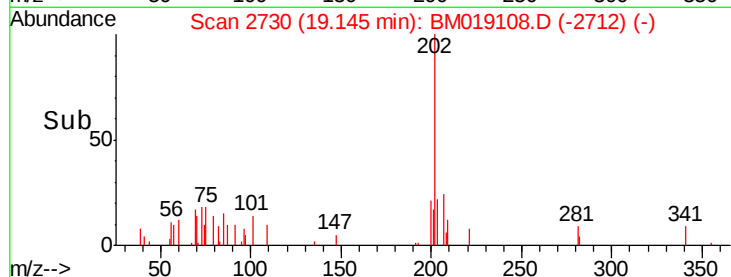
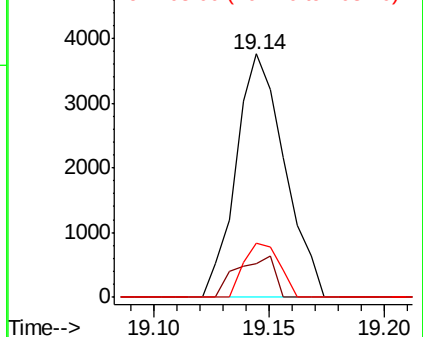


Abundance

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: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

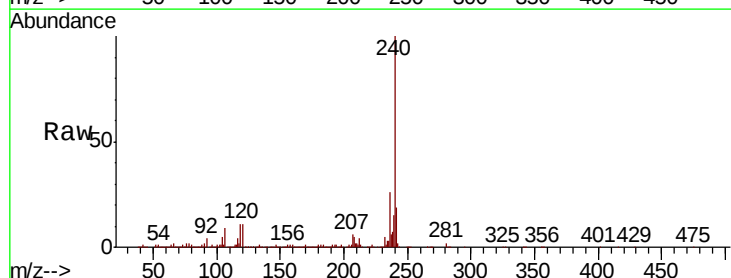
Tgt Ion:240 Resp: 1192892

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 26.5 21.0 31.4

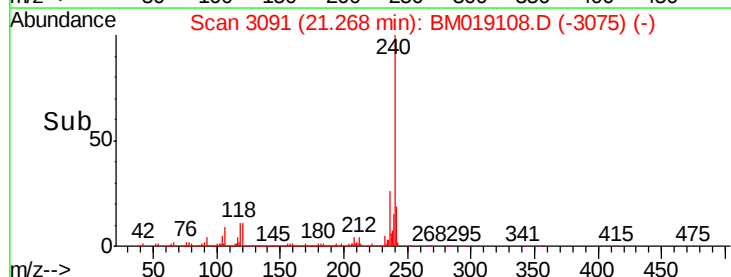
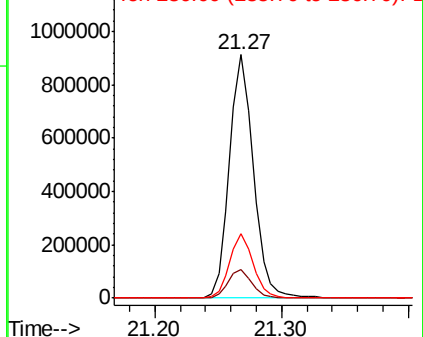


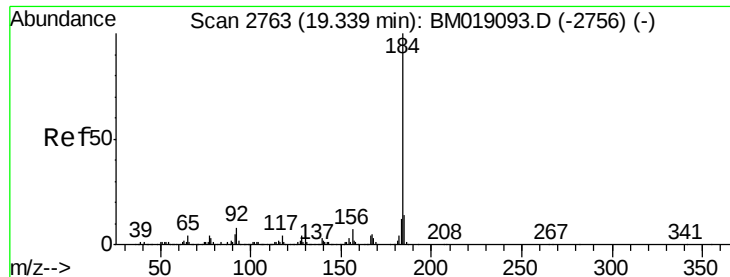
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.015 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.04 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

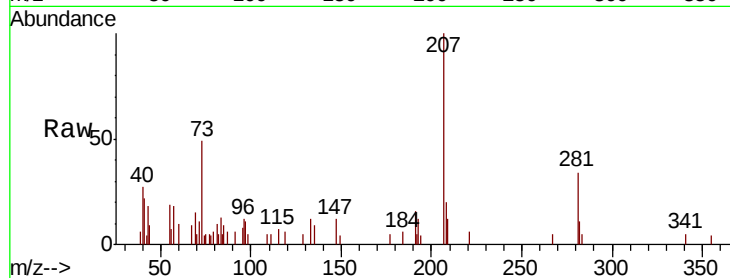
Tot Ion:184 Resp: 505

Ion Ratio Lower Upper

184 100

185 0.0 11.0 16.4#

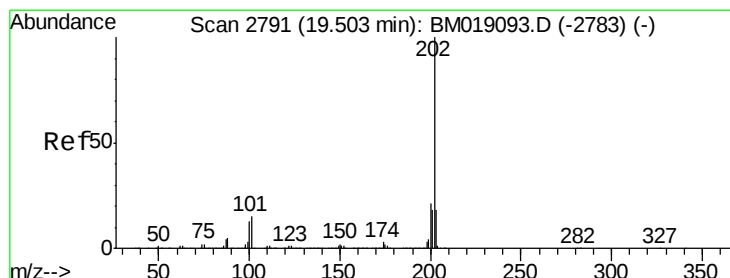
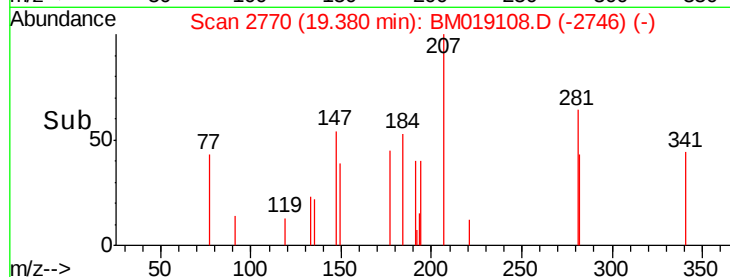
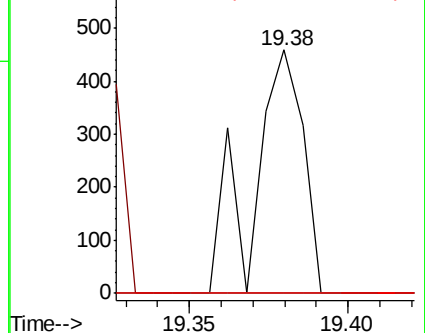
183 0.0 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.073 ng

RT: 19.51 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

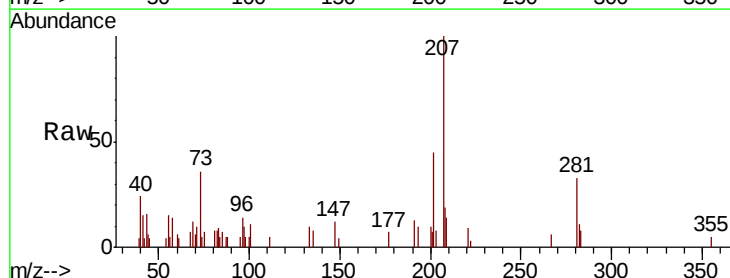
Tgt Ion:202 Resp: 5544

Ion Ratio Lower Upper

202 100

200 23.2 16.9 25.3

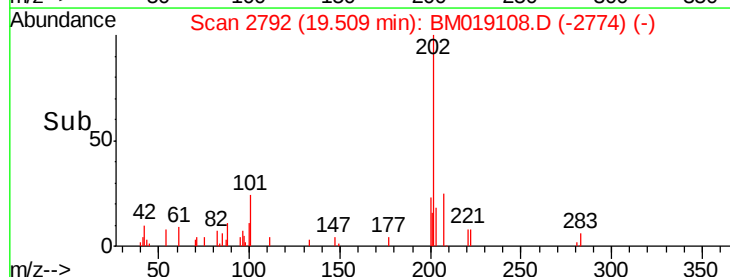
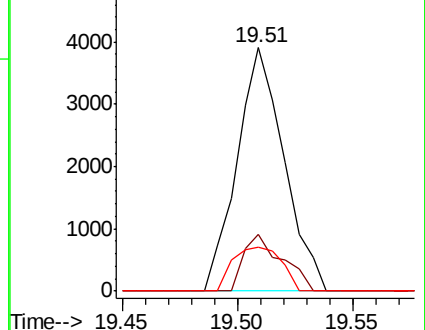
203 18.1 14.0 21.0

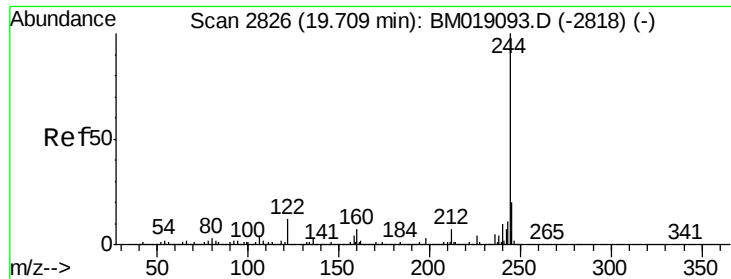


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.167 ng

RT: 19.71 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampled :

TP-1-D

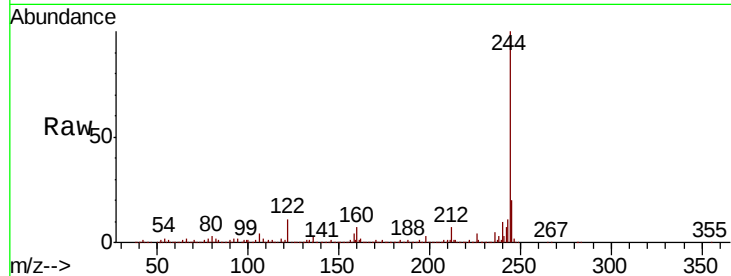
Tot Ion:244 Resp: 4997426

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

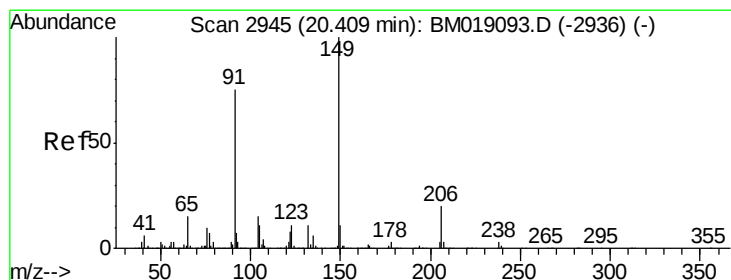
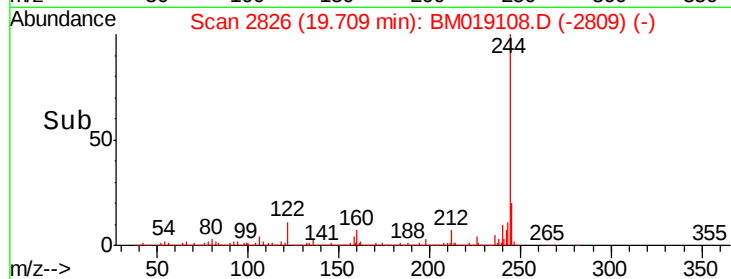
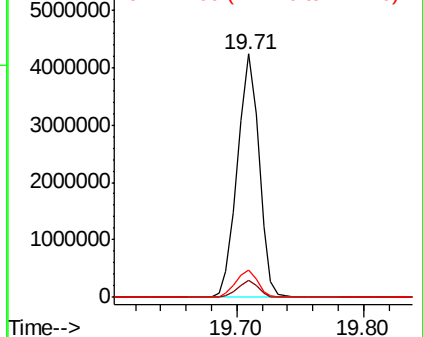
122 11.1 9.4 14.2



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: 0.023 ng

RT: 20.39 min Scan# 2942

Delta R.T. -0.02 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

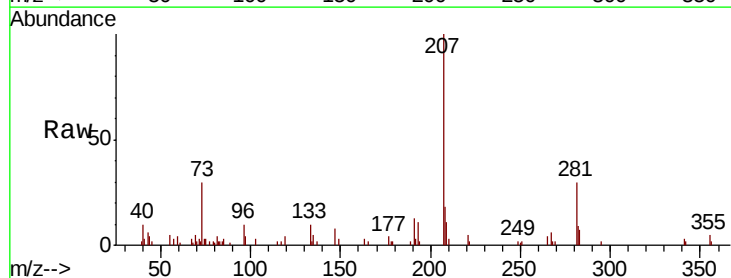
Tgt Ion:149 Resp: 772

Ion Ratio Lower Upper

149 100

91 0.0 60.1 90.1#

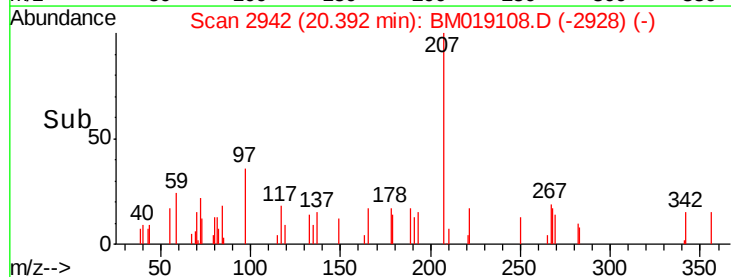
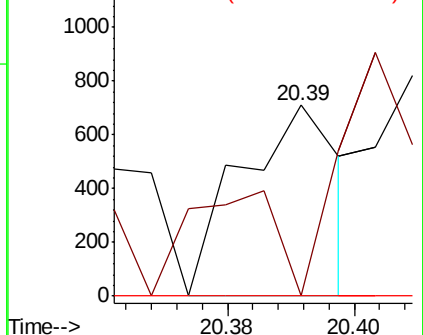
206 0.0 16.2 24.2#

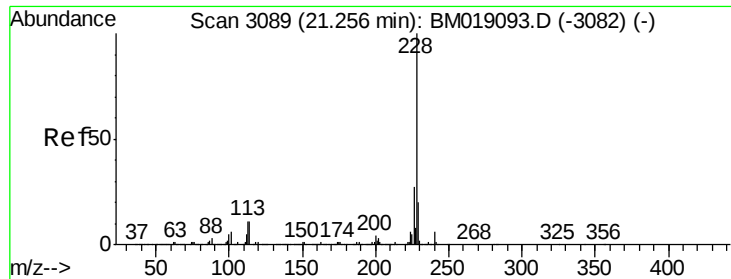


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.108 ng

RT: 21.26 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampled :

TP-1-D

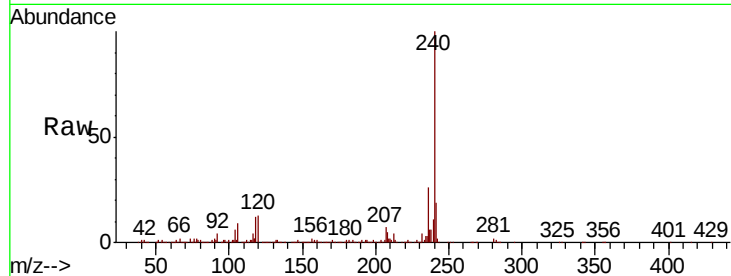
Tot Ion:228 Resp: 8047

Ion Ratio Lower Upper

228 100

226 19.3 21.8 32.8#

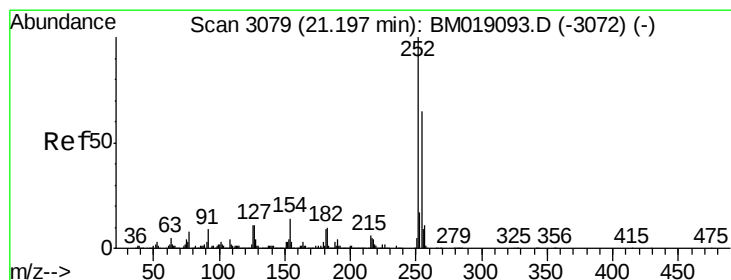
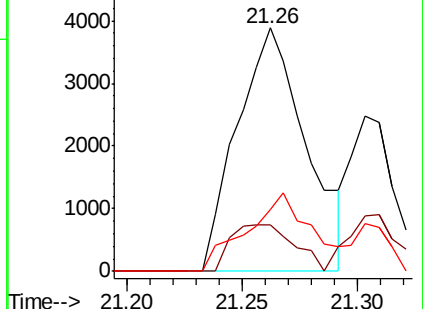
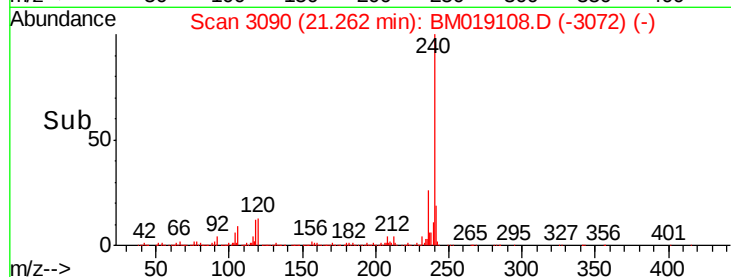
229 25.2 15.8 23.6#



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: 0.004 ng

RT: 21.20 min Scan# 3080

Delta R.T. 0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

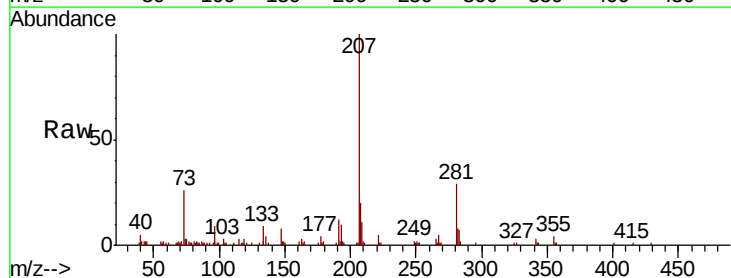
Tgt Ion:252 Resp: 110

Ion Ratio Lower Upper

252 100

254 0.0 52.4 78.6#

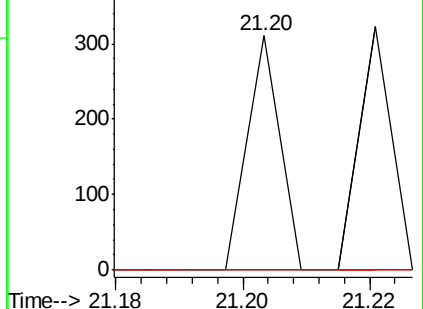
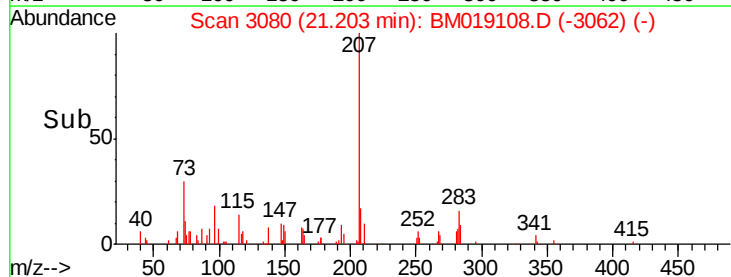
126 0.0 9.0 13.6#

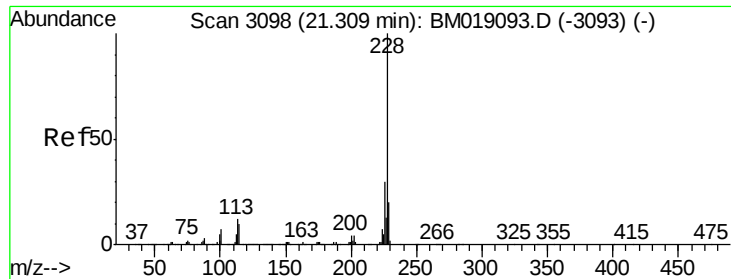


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.046 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampled :

TP-1-D

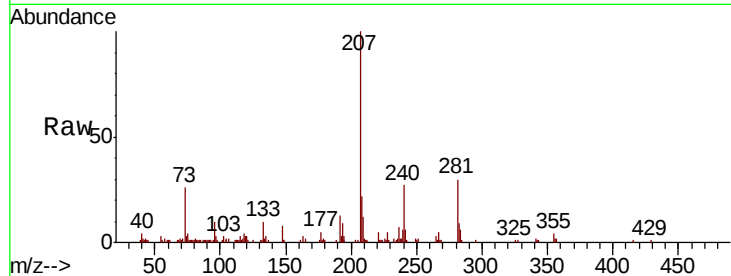
Tot Ion:228 Resp: 3361

Ion Ratio Lower Upper

228 100

226 35.5 23.8 35.8

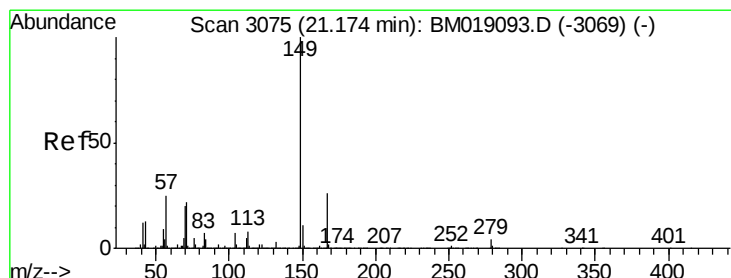
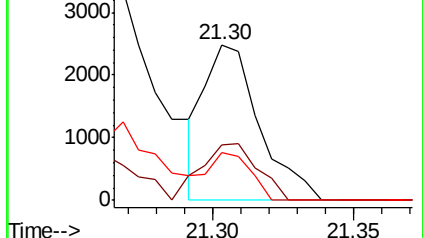
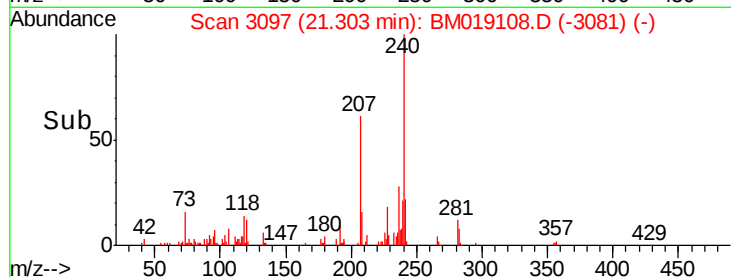
229 30.6 15.7 23.5#



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: 0.281 ng

RT: 21.17 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

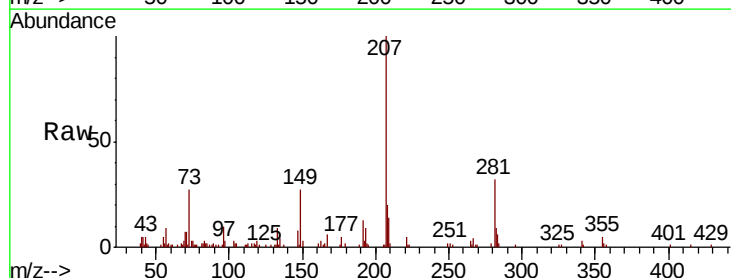
Tgt Ion:149 Resp: 13428

Ion Ratio Lower Upper

149 100

167 24.3 21.1 31.7

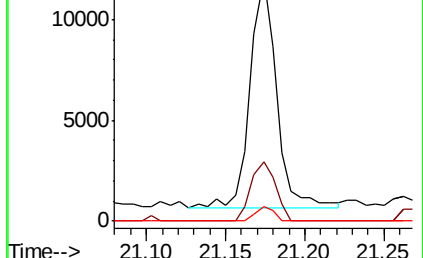
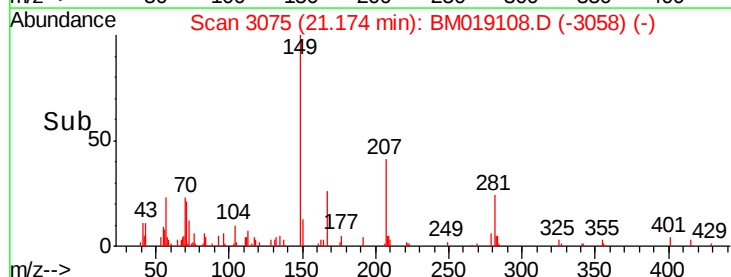
279 6.0 3.2 4.8#

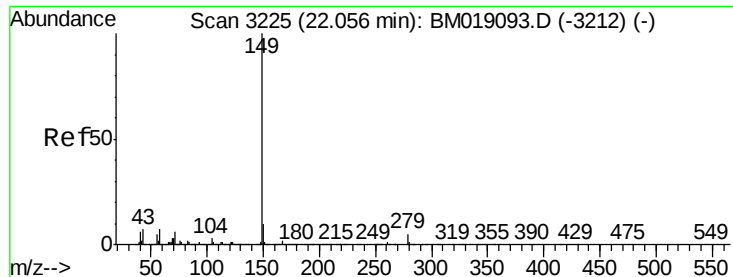


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.015 ng

RT: 22.06 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

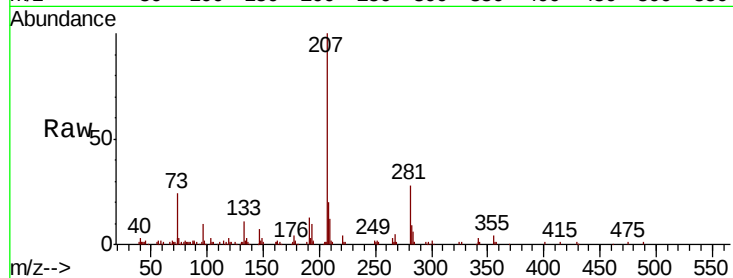
Tot Ion:149 Resp: 1208

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

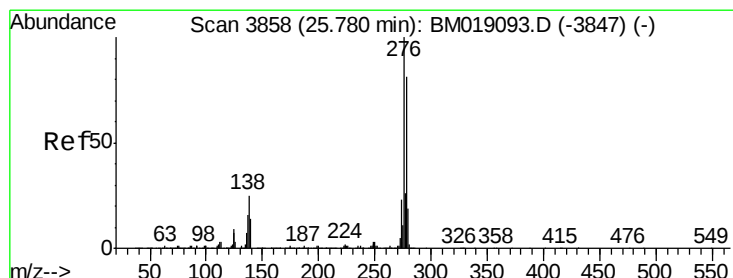
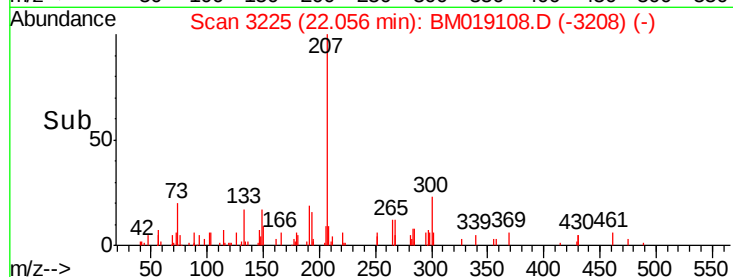
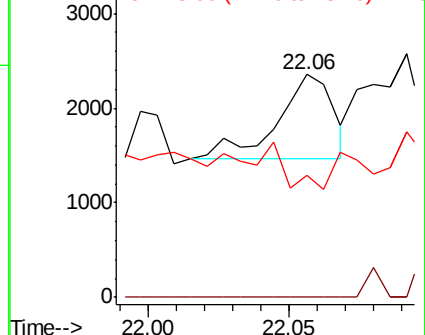
43 26.0 6.1 9.1#



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: 0.041 ng

RT: 25.80 min Scan# 3861

Delta R.T. 0.02 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

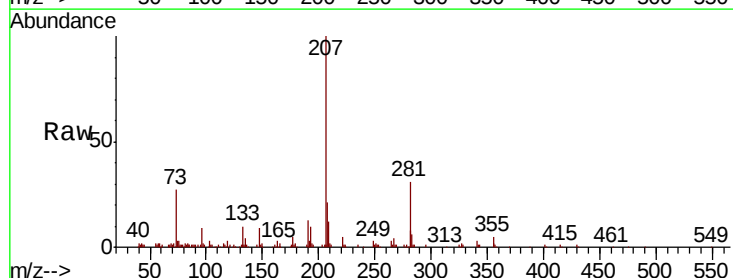
Tgt Ion:276 Resp: 3227

Ion Ratio Lower Upper

276 100

138 9.1 19.8 29.8#

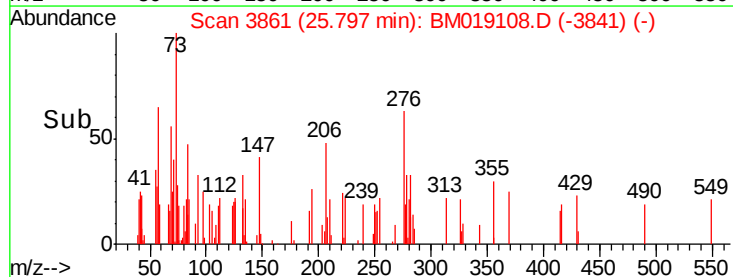
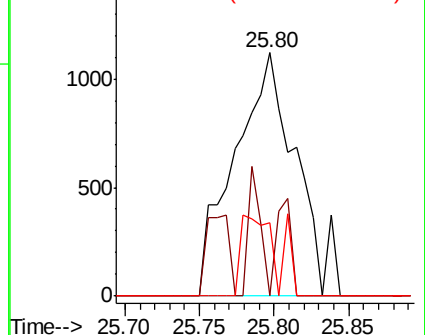
277 19.4 20.3 30.5#

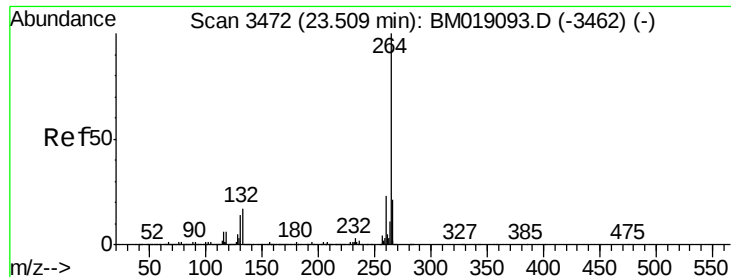


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.51 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

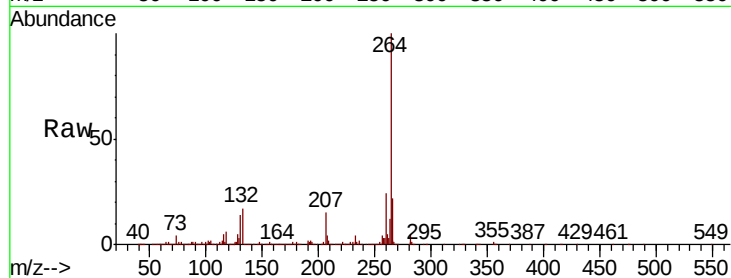
Tot Ion:264 Resp: 1330211

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

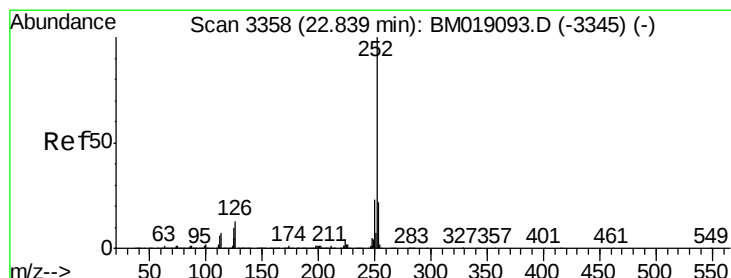
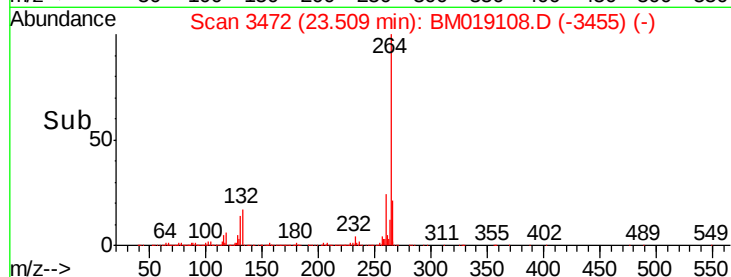
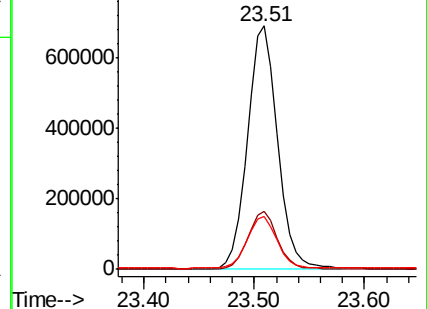
265 21.7 17.3 25.9



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: 0.073 ng

RT: 22.84 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

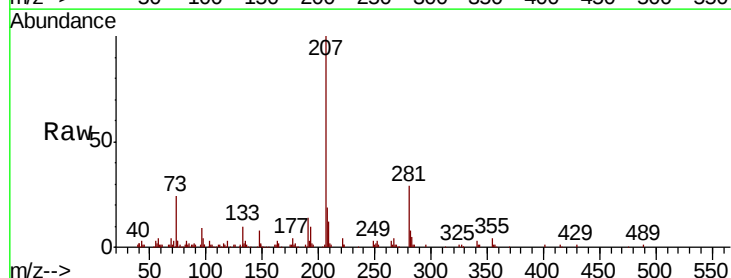
Tgt Ion:252 Resp: 6297

Ion Ratio Lower Upper

252 100

253 45.1 17.6 26.4#

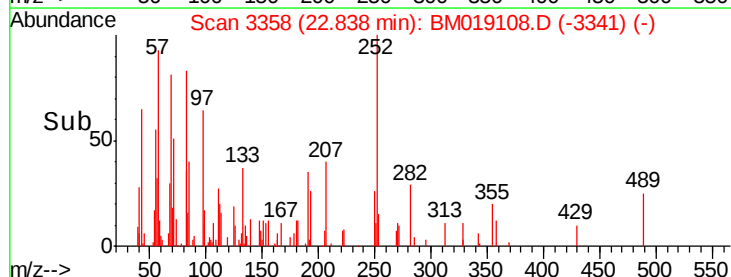
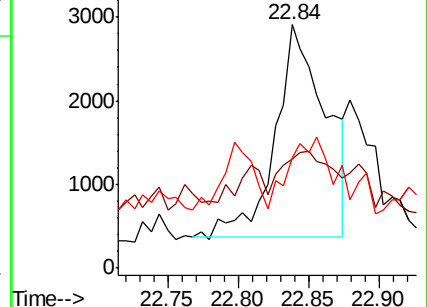
125 45.3 8.1 12.1#

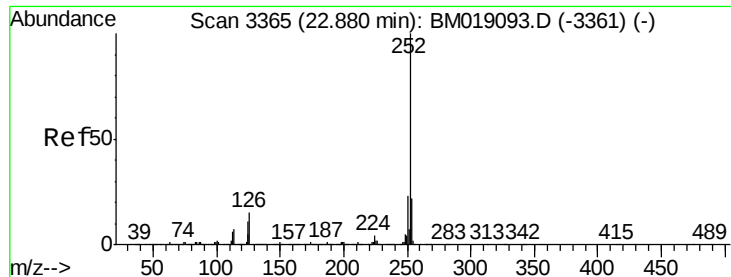


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

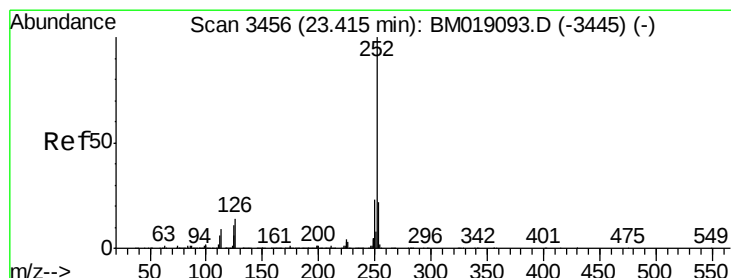
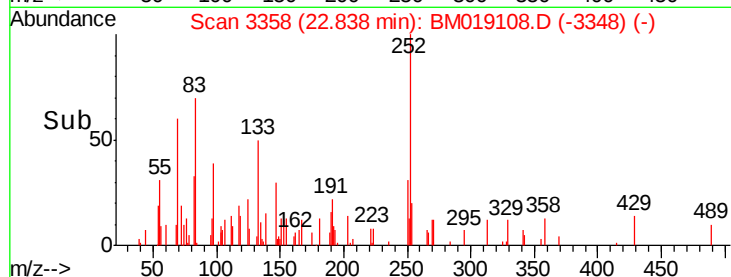
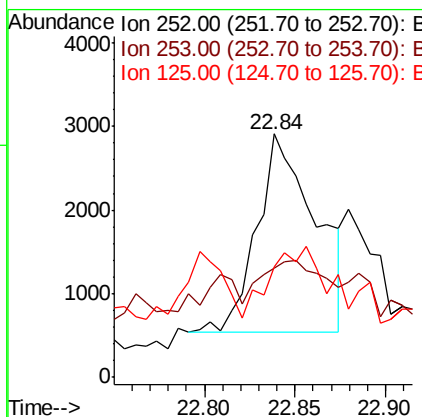
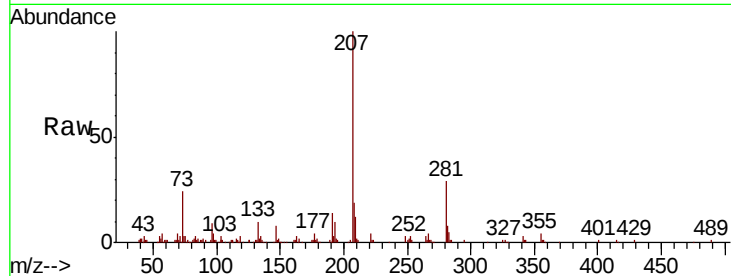




#89
Benzo(k)fluoranthene
Concen: 0.067 ng
RT: 22.84 min Scan# 3358
Delta R.T. -0.04 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

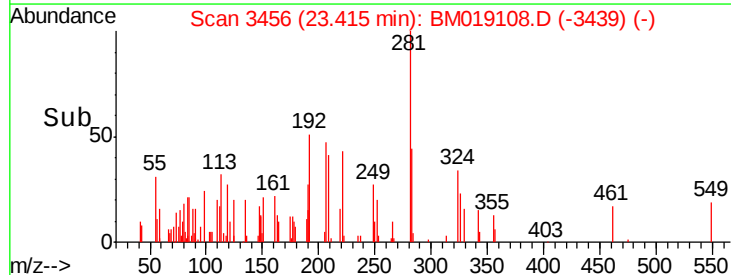
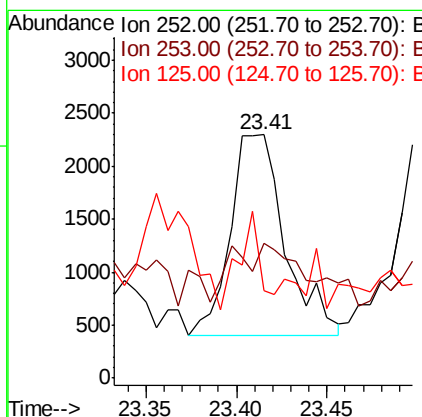
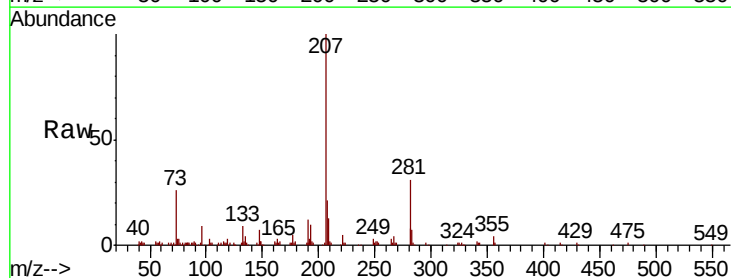
Instrument :
BNA_M
ClientSampled :
TP-1-D

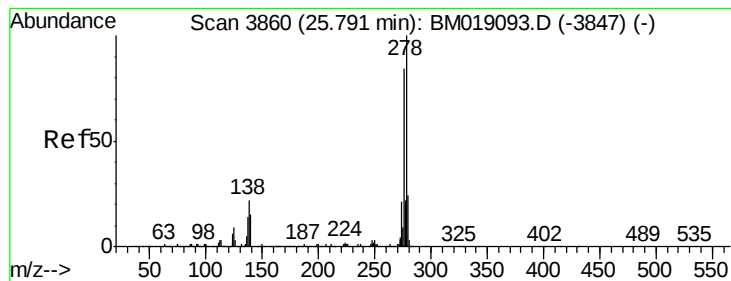
Tot Ion:252 Resp: 5346
Ion Ratio Lower Upper
252 100
253 45.1 17.6 26.4#
125 45.3 8.8 13.2#



#90
Benzo(a)pyrene
Concen: 0.051 ng
RT: 23.41 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM019108.D
Acq: 12 Mar 2019 12:50

Tgt Ion:252 Resp: 3973
Ion Ratio Lower Upper
252 100
253 55.4 17.4 26.2#
125 36.2 9.2 13.8#





#91

Dibenzo(a,h)anthracene

Concen: 0.017 ng

RT: 25.79 min Scan# 3860

Delta R.T. -0.00 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

Instrument :

BNA_M

ClientSampleId :

TP-1-D

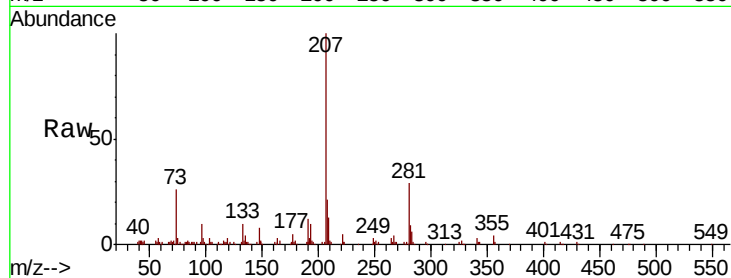
Tot Ion:278 Resp: 1246

Ion Ratio Lower Upper

278 100

139 68.5 12.3 18.5#

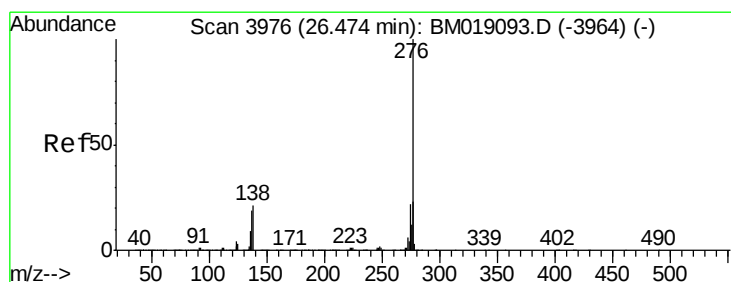
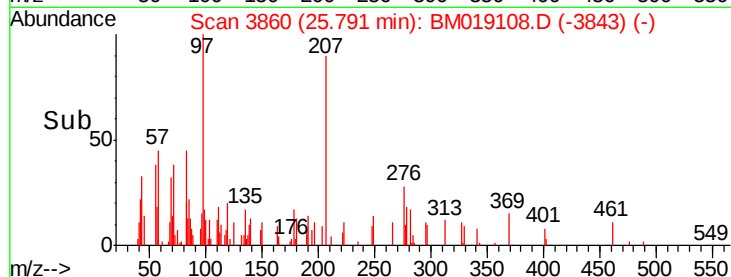
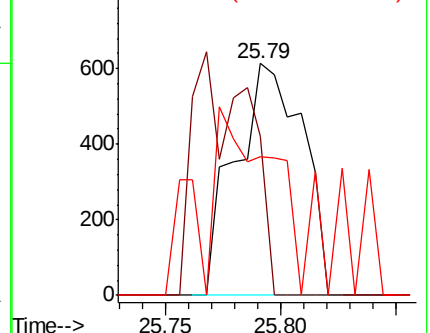
279 60.0 18.9 28.3#



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: 0.023 ng

RT: 26.48 min Scan# 3977

Delta R.T. 0.01 min

Lab File: BM019108.D

Acq: 12 Mar 2019 12:50

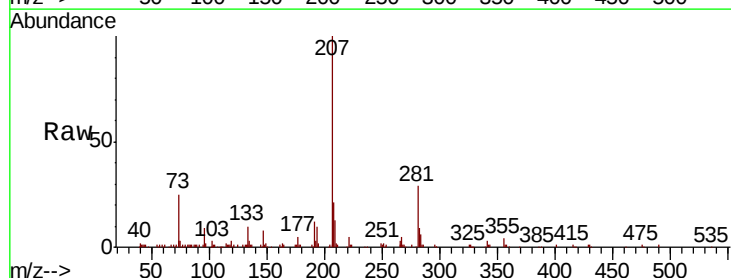
Tgt Ion:276 Resp: 1542

Ion Ratio Lower Upper

276 100

277 0.0 18.8 28.2#

138 0.0 17.0 25.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

