

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017170.D
 Acq On : 17 Oct 2018 16:59
 Operator : MJ/SJ
 Sample : PB113692BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113692BL

Quant Time: Oct 18 12:59:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	249662	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	927746	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	486043	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1059472	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1089309	20.00	ng	0.00
87) Perylene-d12	23.47	264	1080489	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1658463	112.35	ng	0.00
7) Phenol-d6	6.86	99	2112464	105.08	ng	0.00
23) Nitrobenzene-d5	8.83	82	1271496	80.16	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	710040	108.02	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2872929	78.65	ng	0.00
79) Terphenyl-d14	19.70	244	3816885	78.98	ng	0.00

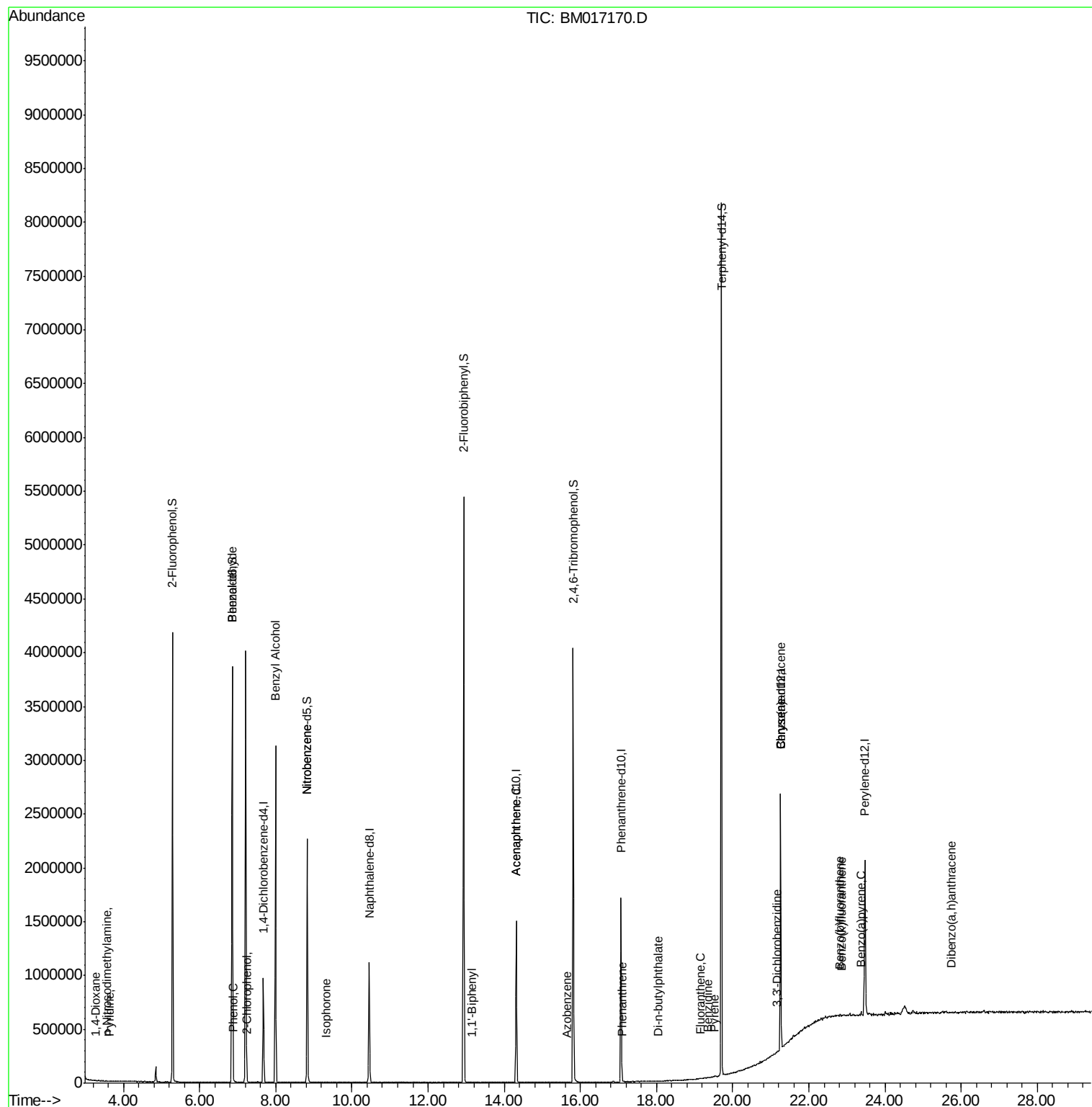
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	113	0.015	ng	# 1
3) Pyridine	3.65	79	170	0.010	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	159	0.023	ng	# 1
8) 2-Chlorophenol	7.25	128	147	0.009	ng	# 31
9) Benzaldehyde	6.86	77	4611	0.360	ng	# 1
10) Phenol	6.89	94	119	0.005	ng	# 1
15) Benzyl Alcohol	7.99	79	19570	1.332	ng	# 44
24) Nitrobenzene	8.83	77	5033	0.300	ng	# 35
25) Isophorone	9.33	82	107	0.004	ng	# 63
46) 1,1'-Biphenyl	13.15	154	3593	0.082	ng	# 88
52) Acenaphthene	14.32	154	1649	0.056	ng	# 4
63) Azobenzene	15.65	77	220	0.006	ng	# 48
71) Phenanthrene	17.11	178	390	0.007	ng	# 60
74) Di-n-butylphthalate	18.04	149	144	0.002	ng	# 78
75) Fluoranthene	19.14	202	227	0.004	ng	# 65
77) Benzidine	19.36	184	822	0.030	ng	# 66
78) Pyrene	19.50	202	222	0.004	ng	# 58
81) Benzo(a)anthracene	21.26	228	2632	0.043	ng	# 66
82) 3,3'-Dichlorobenzidine	21.17	252	722	0.032	ng	# 25
83) Chrysene	21.26	228	2632	0.043	ng	# 63
88) Benzo(b)fluoranthene	22.80	252	694	0.012	ng	# 1
89) Benzo(k)fluoranthene	22.85	252	371	0.006	ng	# 1
90) Benzo(a)pyrene	23.37	252	372	0.007	ng	# 1
91) Dibenzo(a,h)anthracene	25.74	278	137	0.002	ng	# 1

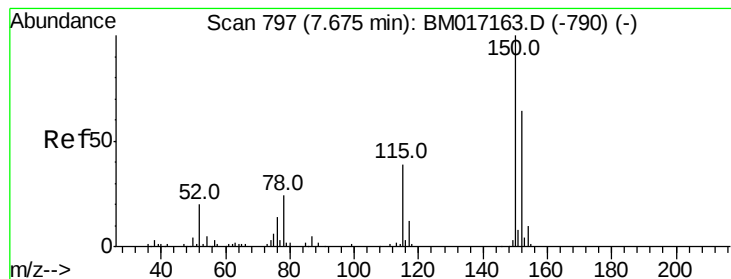
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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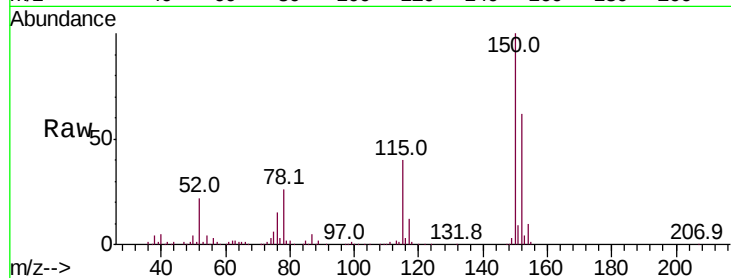


#1

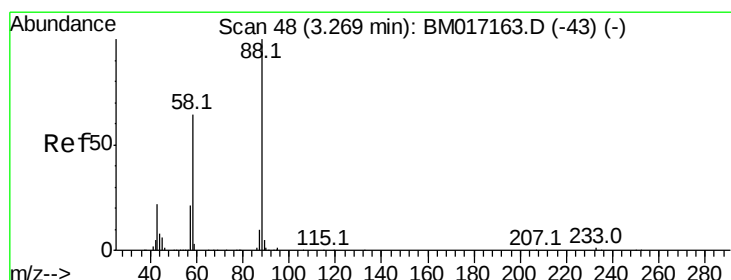
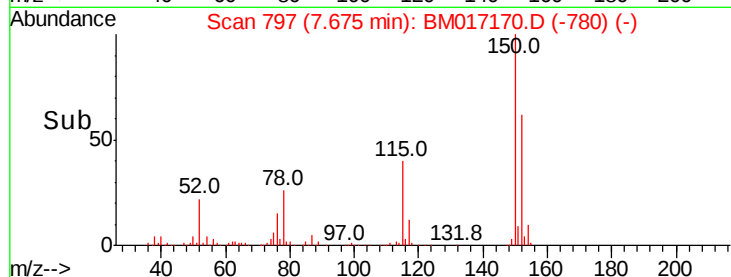
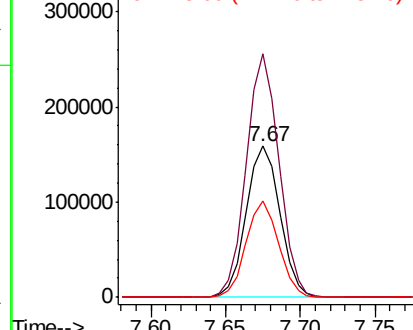
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. 0.00 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

Instrument :
BNA_M
ClientSampleId :
PB113692BL

Tot Ion:152 Resp: 249662
Ion Ratio Lower Upper
152 100
150 161.0 124.3 186.5
115 63.7 48.1 72.1



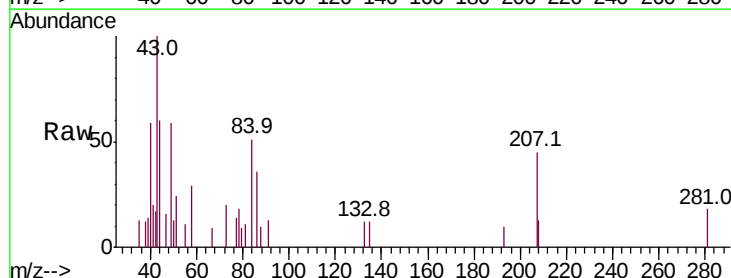
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



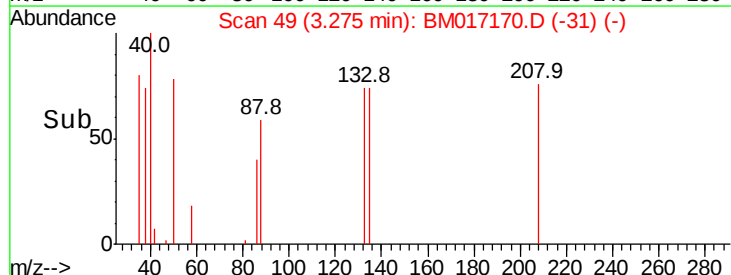
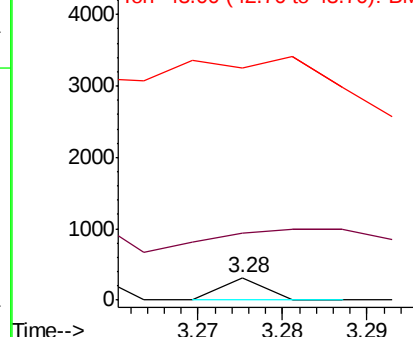
#2

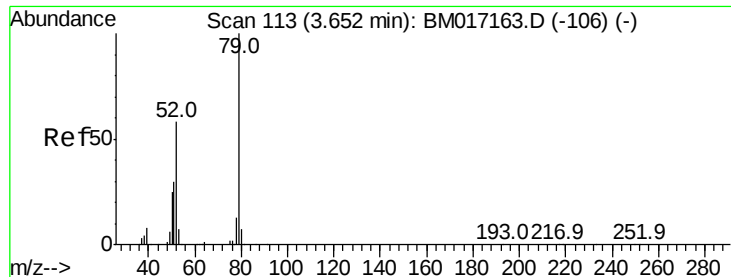
1,4-Dioxane
Concen: 0.015 ng
RT: 3.28 min Scan# 49
Delta R.T. 0.01 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

Tgt Ion: 88 Resp: 113
Ion Ratio Lower Upper
88 100
58 0.0 50.2 75.4#
43 846.9 19.3 28.9#



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: 0.010 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Instrument :

BNA_M

ClientSampleId :

PB113692BL

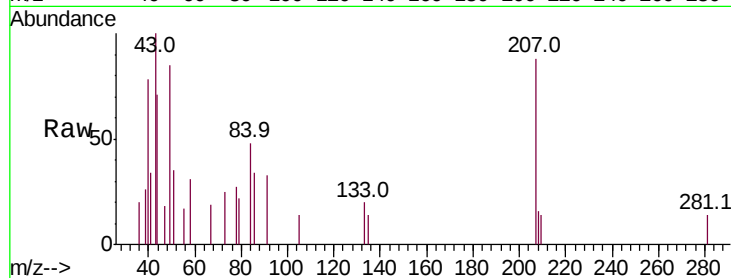
Tot Ion: 79 Resp: 170

Ion Ratio Lower Upper

79 100

52 0.0 46.5 69.7#

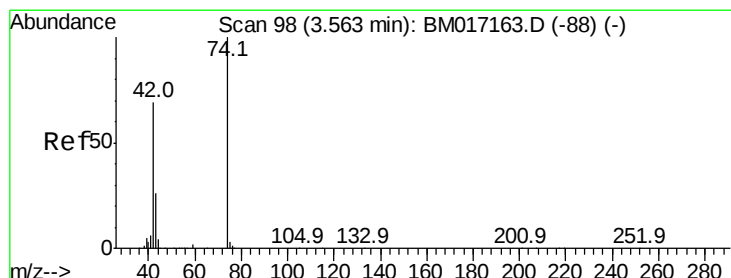
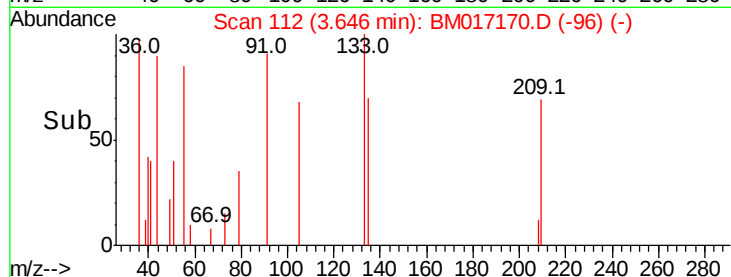
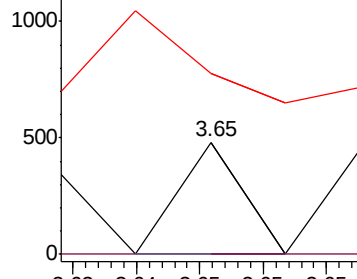
51 160.7 24.6 37.0#



Abundance Ion 79.00 (78.70 to 79.70): BMO

Ion 52.00 (51.70 to 52.70): BMO

Ion 51.00 (50.70 to 51.70): BMO



#4

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.56 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

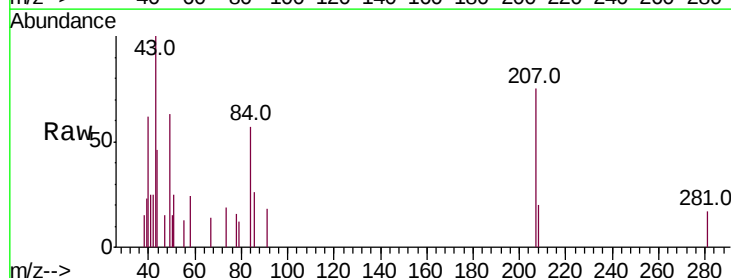
Tgt Ion: 42 Resp: 159

Ion Ratio Lower Upper

42 100

74 0.0 114.4 171.6#

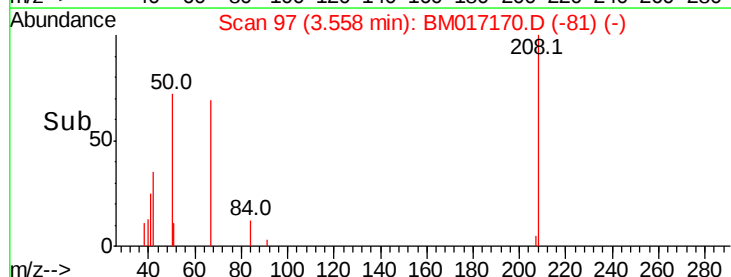
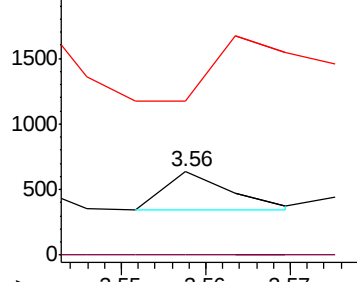
44 185.0 48.6 73.0#

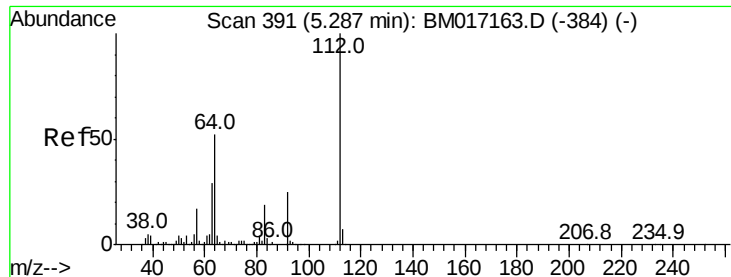


Abundance Ion 42.00 (41.70 to 42.70): BMO

Ion 74.00 (73.70 to 74.70): BMO

Ion 44.00 (43.70 to 44.70): BMO





#5

2-Fluorophenol

Concen: 112.353 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Instrument :

BNA_M

ClientSampleId :

PB113692BL

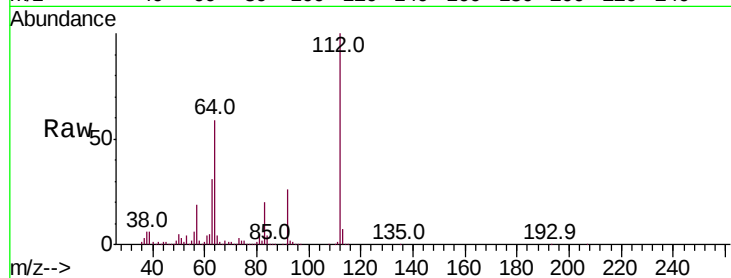
Tot Ion:112 Resp: 1658463

Ion Ratio Lower Upper

112 100

64 59.4 41.7 62.5

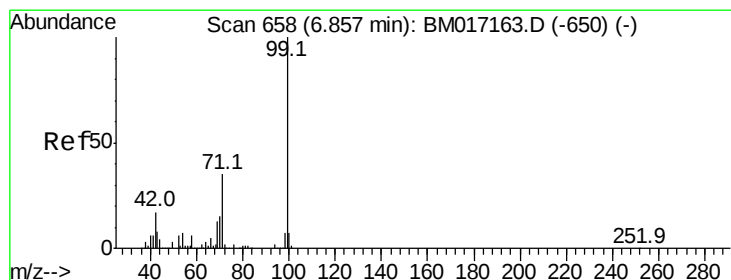
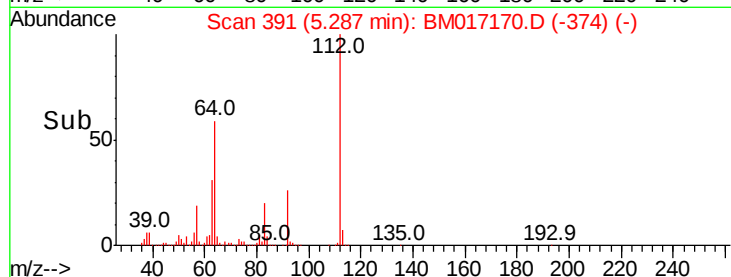
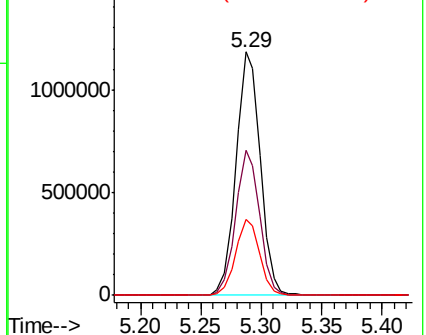
63 31.2 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 105.077 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

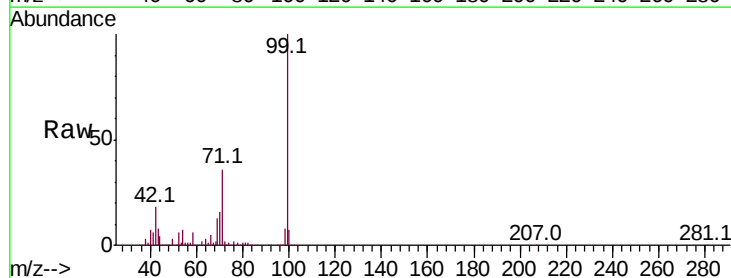
Tgt Ion: 99 Resp: 2112464

Ion Ratio Lower Upper

99 100

42 17.5 13.3 19.9

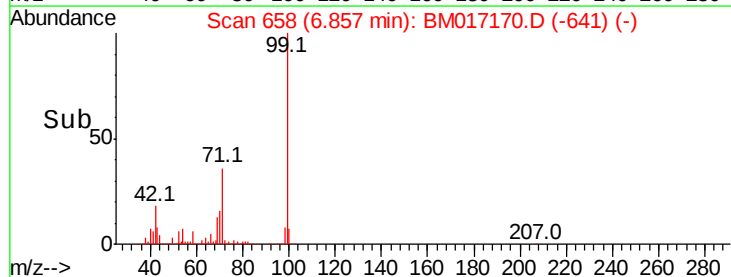
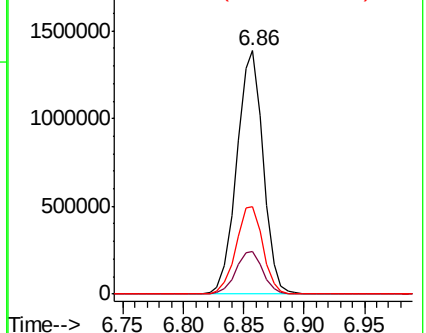
71 36.0 28.0 42.0

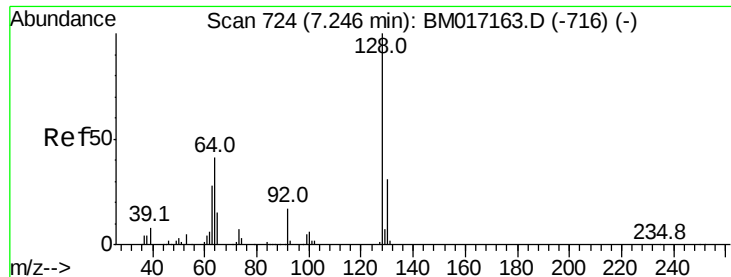


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.009 ng

RT: 7.25 min Scan# 725

Delta R.T. 0.01 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Instrument :

BNA_M

ClientSampleId :

PB113692BL

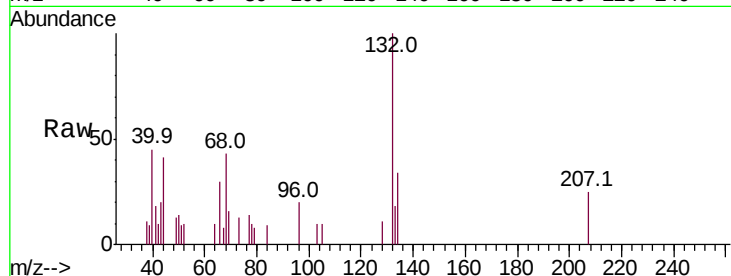
Tot Ion:128 Resp: 147

Ion Ratio Lower Upper

128 100

130 0.0 11.0 51.0#

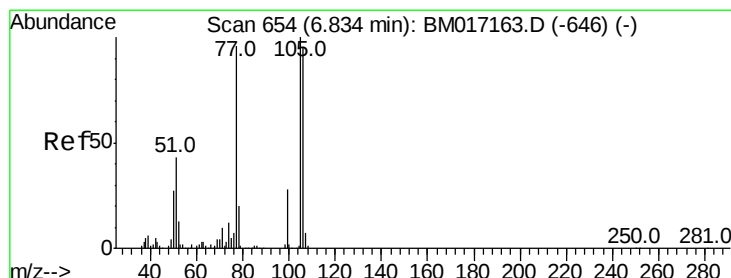
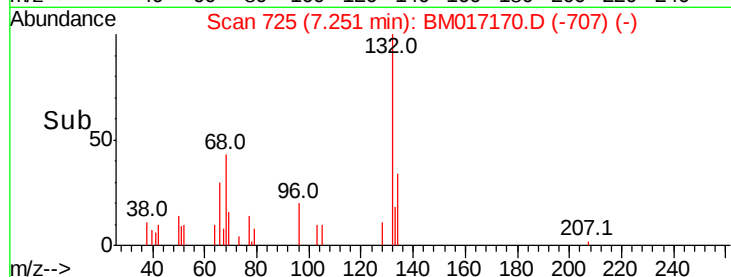
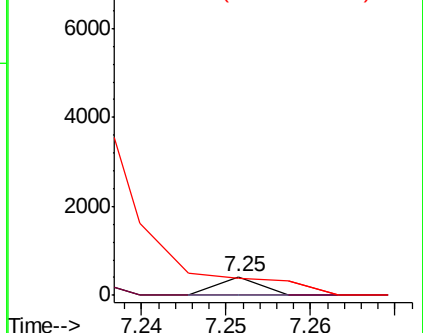
64 94.0 24.1 64.1#



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: 0.360 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.02 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

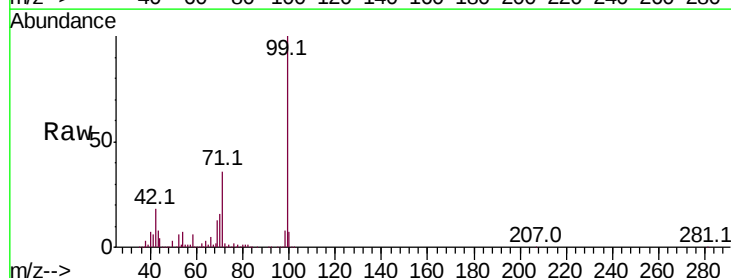
Tgt Ion: 77 Resp: 4611

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

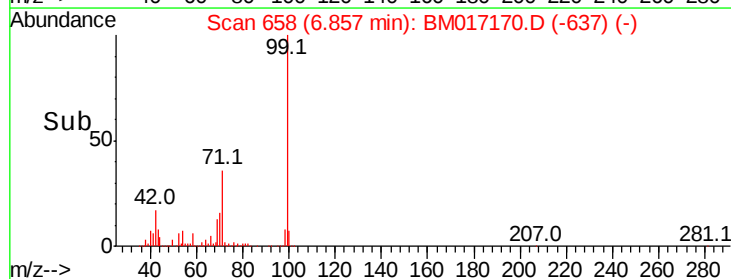
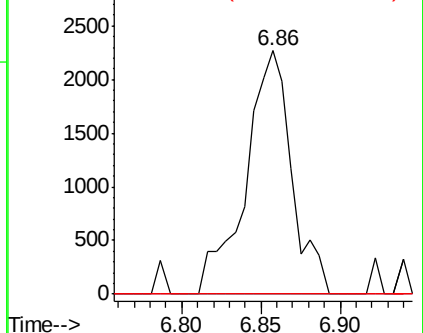
106 0.0 78.2 118.2#

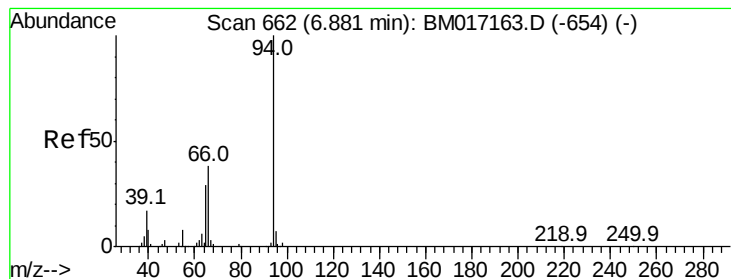


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.005 ng

RT: 6.89 min Scan# 664

Delta R.T. 0.01 min

Lab File: BM017170.D

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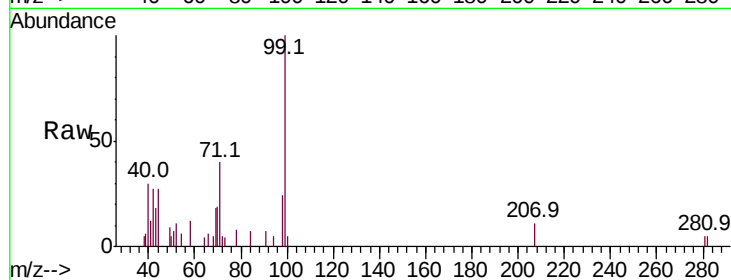
Tot Ion: 94 Resp: 119

Ion Ratio Lower Upper

94 100

65 0.0 9.4 49.4#

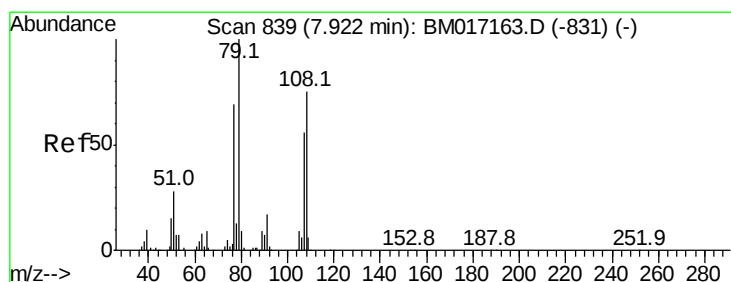
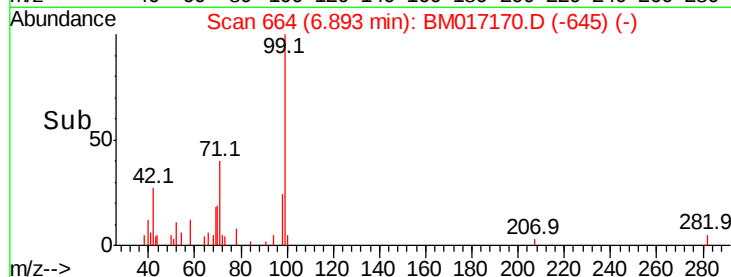
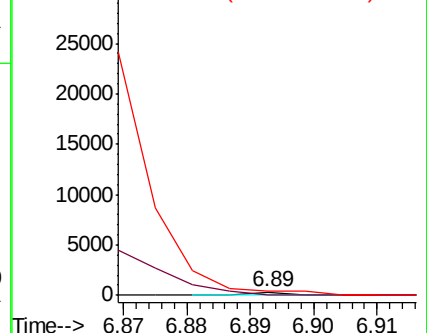
66 136.1 19.0 59.0#



Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)



#15

Benzyl Alcohol

Concen: 1.332 ng

RT: 7.99 min Scan# 851

Delta R.T. 0.07 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

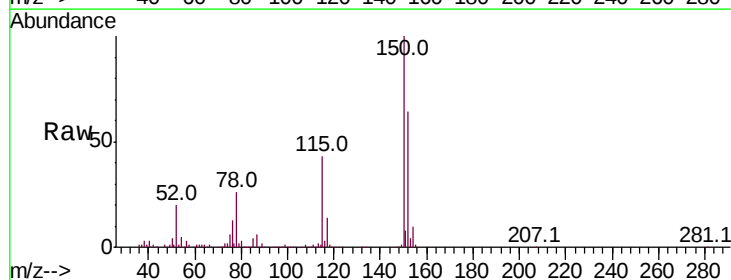
Tgt Ion: 79 Resp: 19570

Ion Ratio Lower Upper

79 100

108 35.1 60.3 90.5#

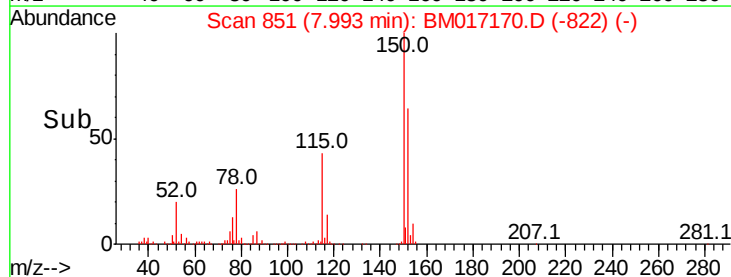
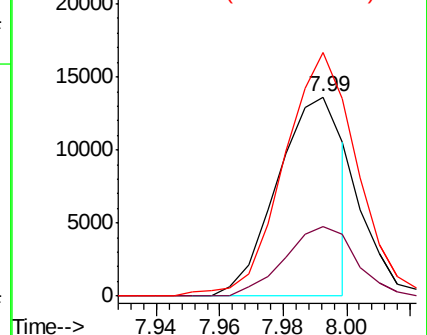
77 122.1 54.8 82.2#

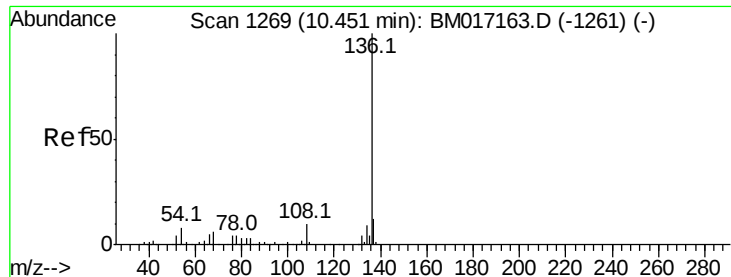


Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)

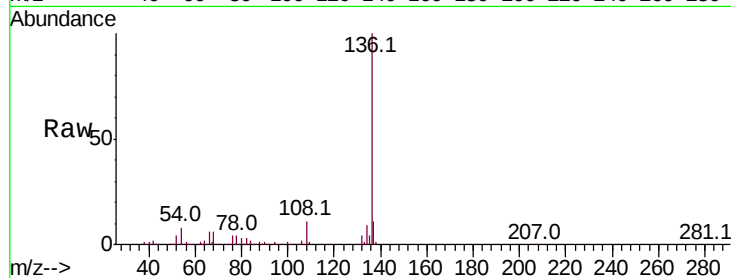




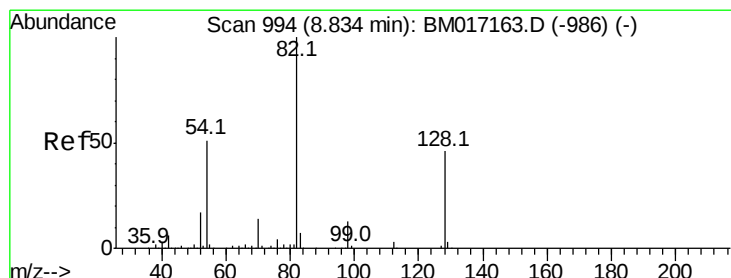
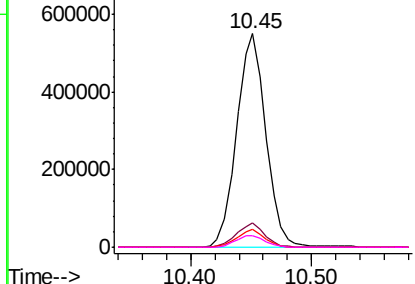
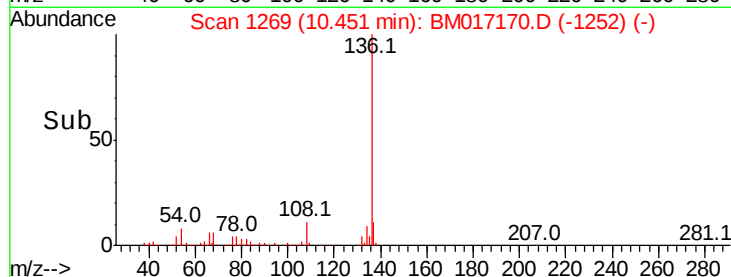
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

Instrument :
BNA_M
ClientSampleId :
PB113692BL

Tot Ion:136	Resp:	927746	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.2	13.8	
54 8.2	6.7	10.1	
68 5.6	4.7	7.1	

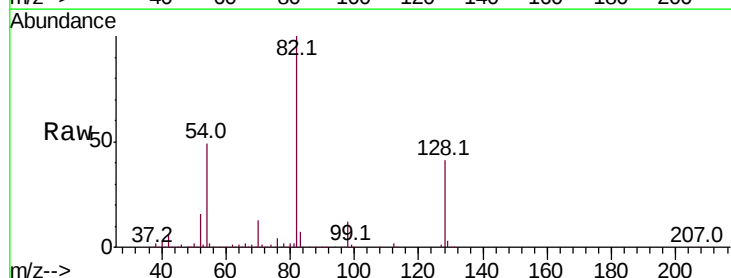


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

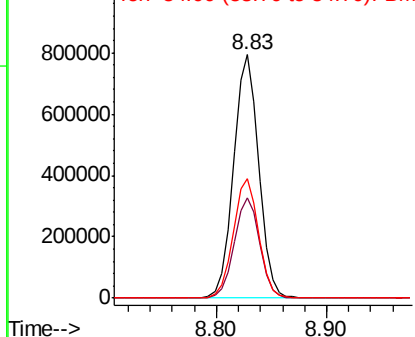
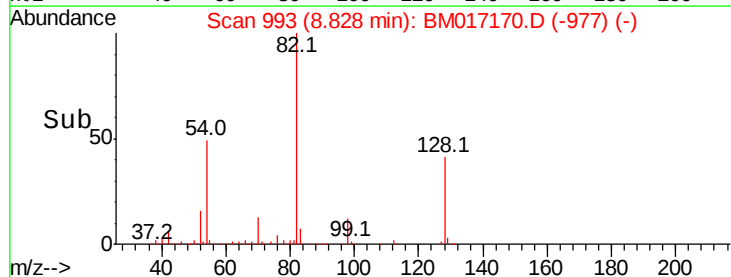


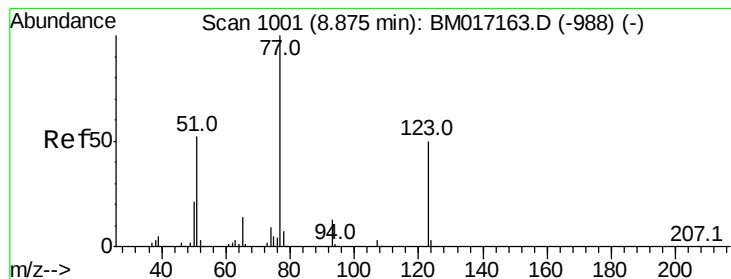
#23
Nitrobenzene-d5
Concen: 80.156 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

Tgt Ion: 82	Resp: 1271496
Ion Ratio	Lower Upper
82 100	
128 41.3	37.0 55.6
54 49.1	40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#24

Nitrobenzene

Concen: 0.300 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.05 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Instrument :

BNA_M

ClientSampleId :

PB113692BL

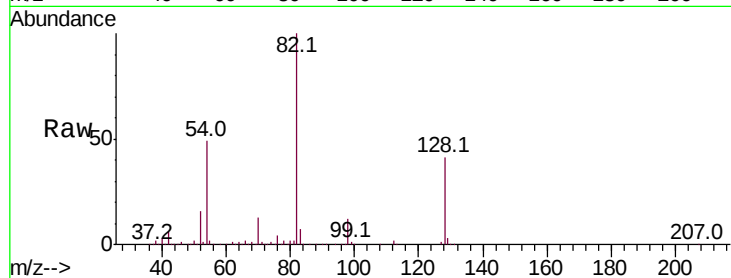
Tot Ion: 77 Resp: 5033

Ion Ratio Lower Upper

77 100

123 0.0 40.2 60.4#

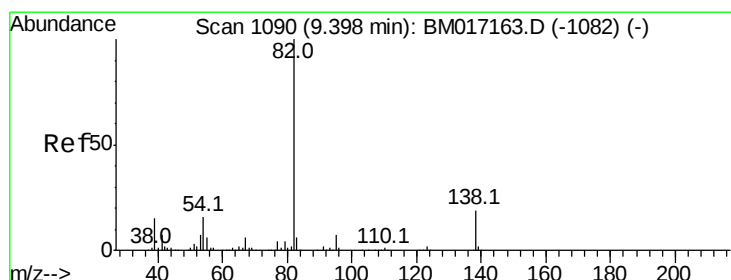
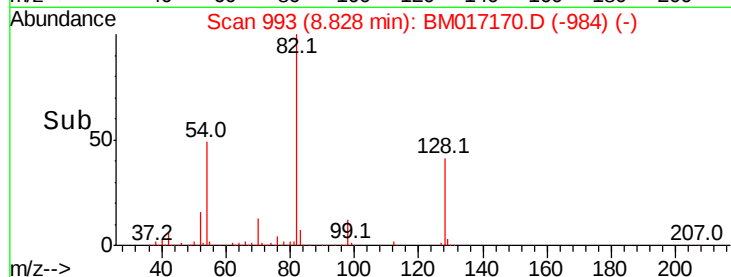
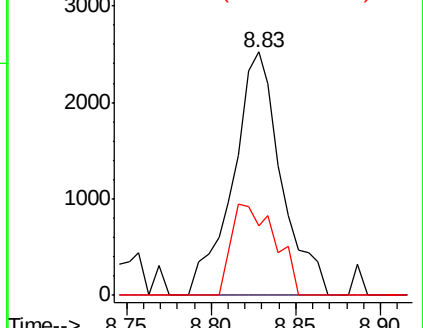
65 28.6 11.4 17.0#



Abundance Ion 77.00 (76.70 to 77.70): BM017170.D (-984) (-)

Ion 123.00 (122.70 to 123.70): BM017170.D (-984) (-)

Ion 65.00 (64.70 to 65.70): BM017170.D (-984) (-)



#25

Isophorone

Concen: 0.004 ng

RT: 9.33 min Scan# 1078

Delta R.T. -0.07 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

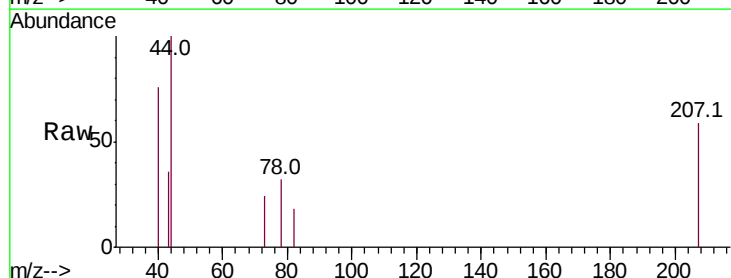
Tgt Ion: 82 Resp: 107

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

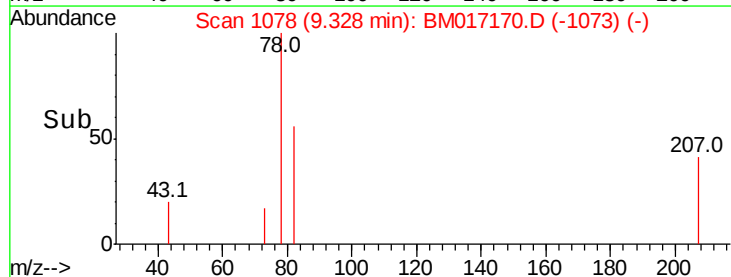
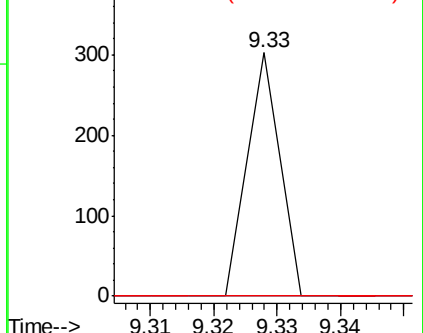
138 0.0 15.4 23.2#

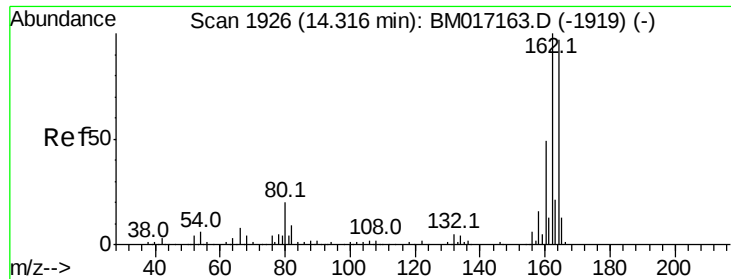


Abundance Ion 82.00 (81.70 to 82.70): BM017170.D (-1073) (-)

Ion 95.00 (94.70 to 95.70): BM017170.D (-1073) (-)

Ion 138.00 (137.70 to 138.70): BM017170.D (-1073) (-)

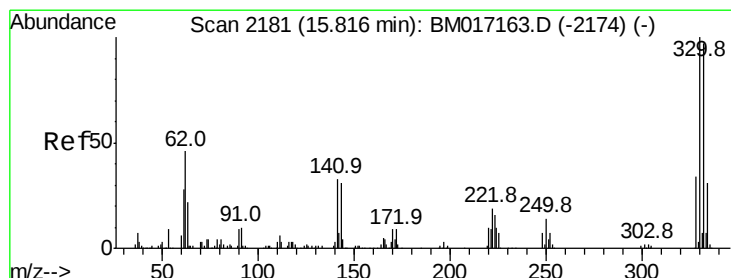
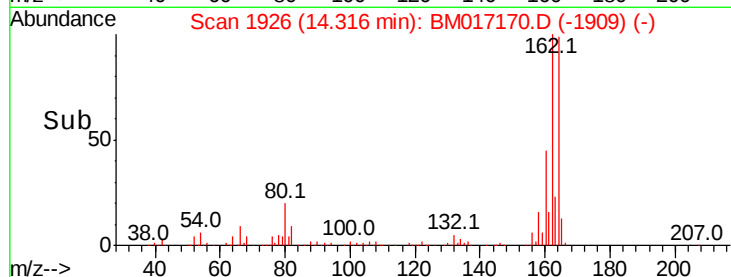
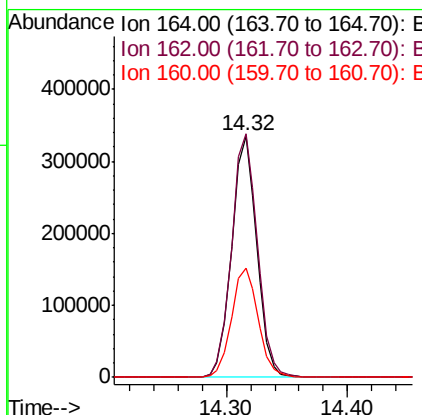
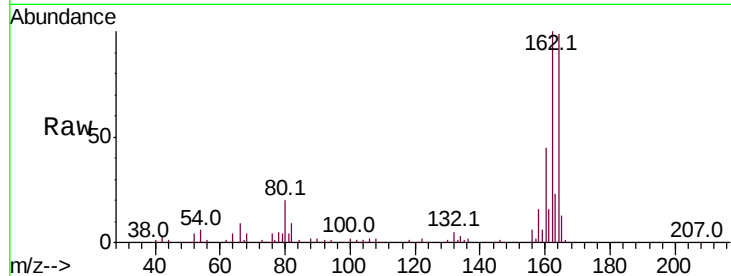




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

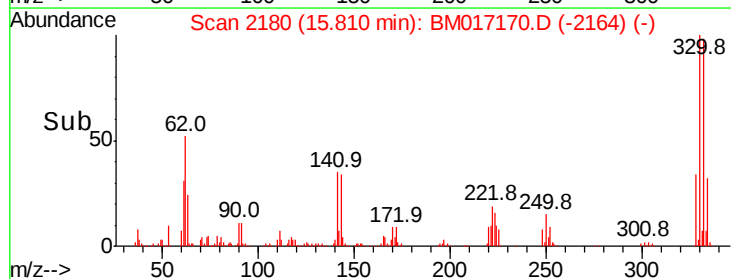
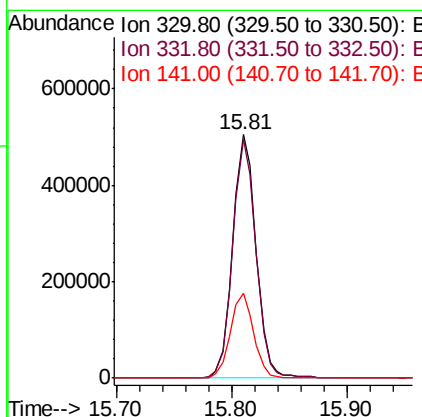
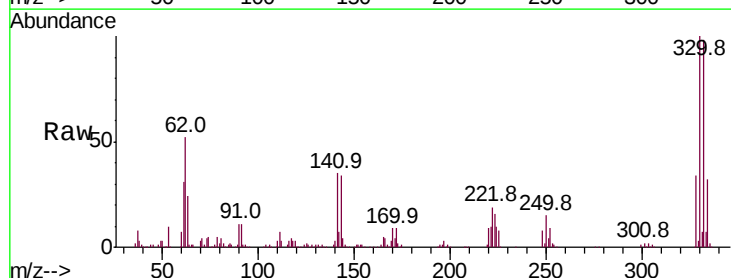
Instrument :
BNA_M
ClientSampleId :
PB113692BL

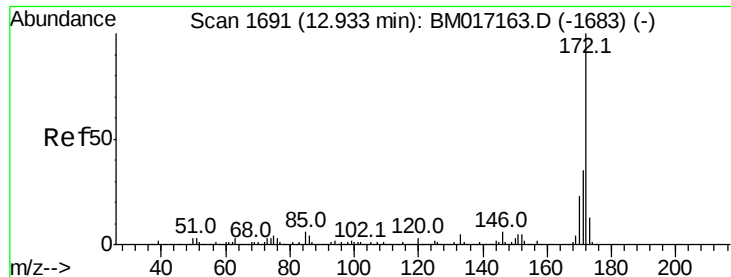
Tot Ion:164 Resp: 486043
Ion Ratio Lower Upper
164 100
162 100.8 82.1 123.1
160 45.1 40.2 60.2



#42
2,4,6-Tribromophenol
Concen: 108.023 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

Tgt Ion:330 Resp: 710040
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 34.8 27.4 41.0

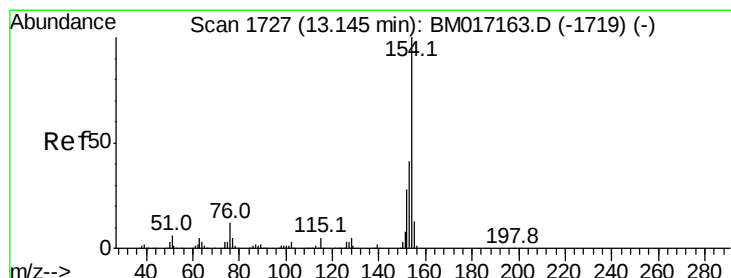
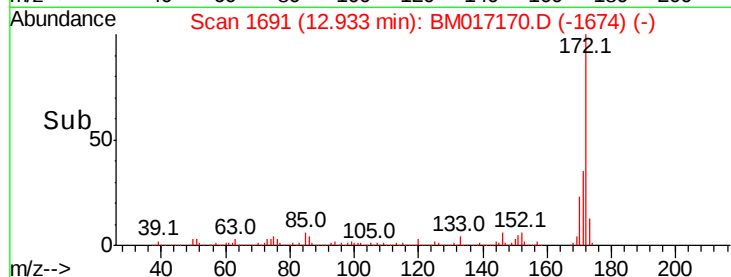
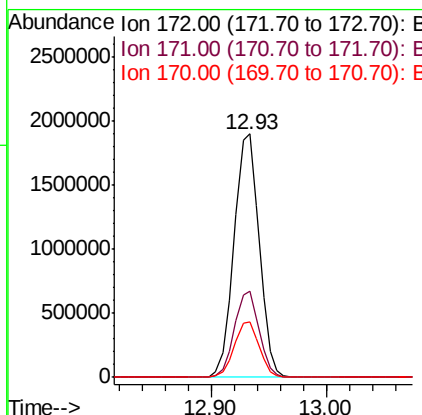
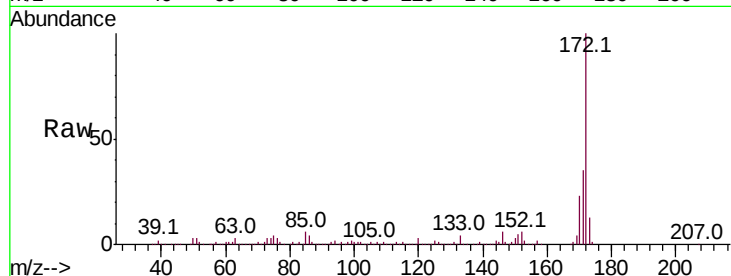




#45
2-Fluorobiphenyl
Concen: 78.646 ng
RT: 12.93 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

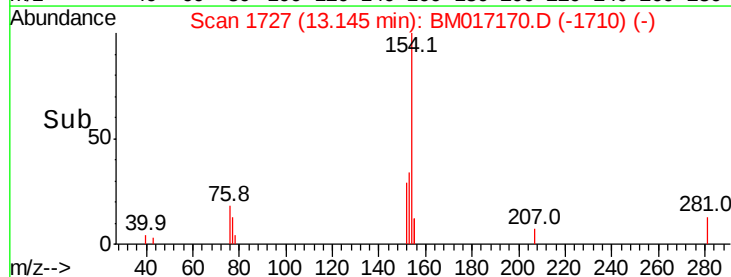
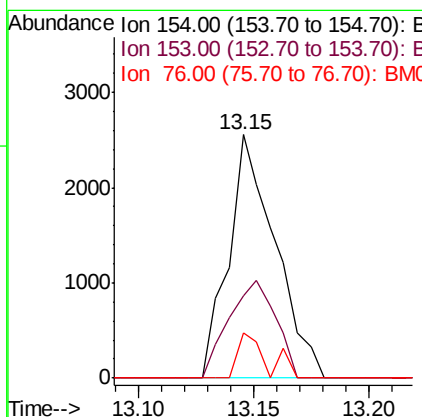
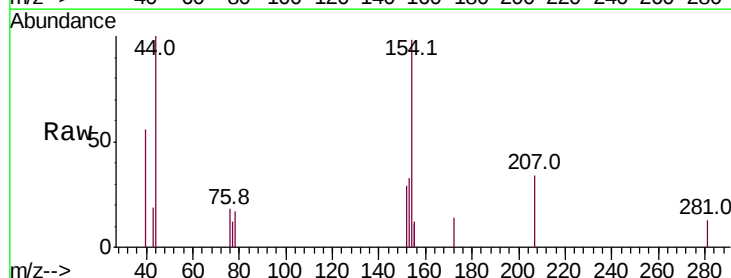
Instrument :
BNA_M
ClientSampleId :
PB113692BL

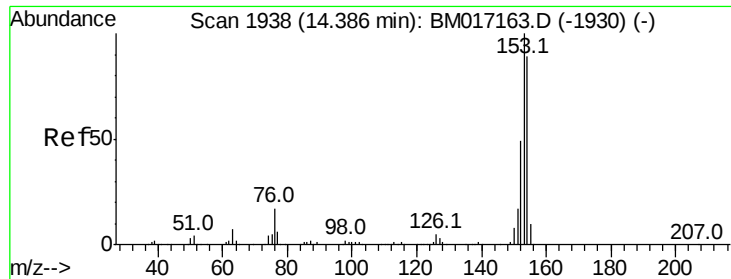
Tot Ion:172 Resp: 2872929
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.7 18.3 27.5



#46
1,1'-Biphenyl
Concen: 0.082 ng
RT: 13.15 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

Tgt Ion:154 Resp: 3593
Ion Ratio Lower Upper
154 100
153 34.1 20.5 60.5
76 18.3 0.0 31.8





#52

Acenaphthene

Concen: 0.056 ng

RT: 14.32 min Scan# 1926

Delta R.T. -0.07 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Instrument :

BNA_M

ClientSampleId :

PB113692BL

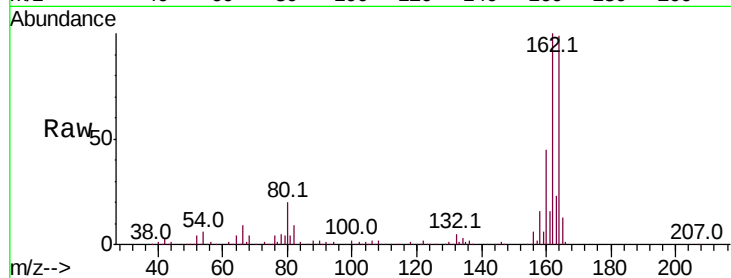
Tot Ion:154 Resp: 1649

Ion Ratio Lower Upper

154 100

153 0.0 90.2 135.2#

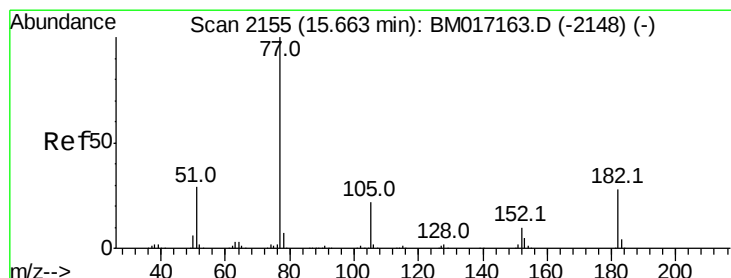
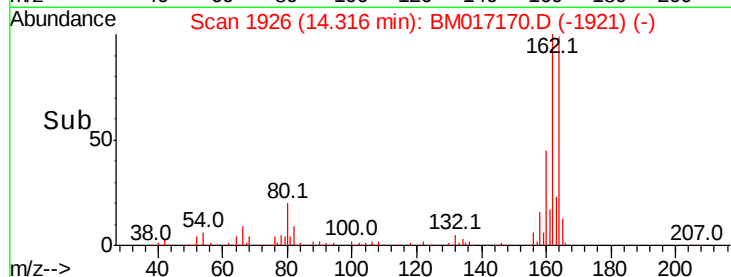
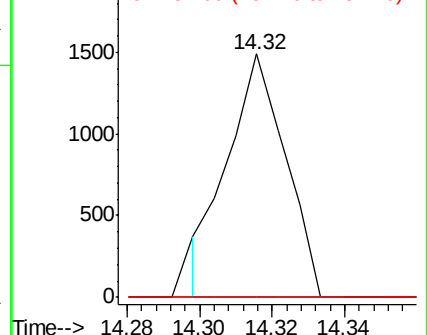
152 0.0 44.2 66.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Azobenzene

Concen: 0.006 ng

RT: 15.65 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Tgt Ion: 77 Resp: 220

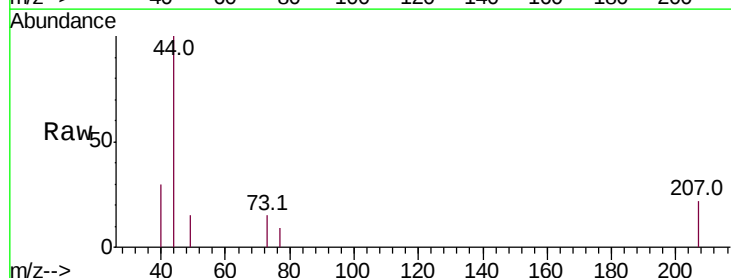
Ion Ratio Lower Upper

77 100

182 0.0 8.3 48.3#

105 0.0 1.5 41.5#

51 0.0 8.8 48.8#

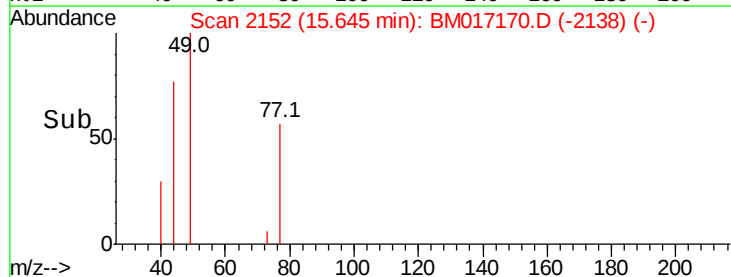
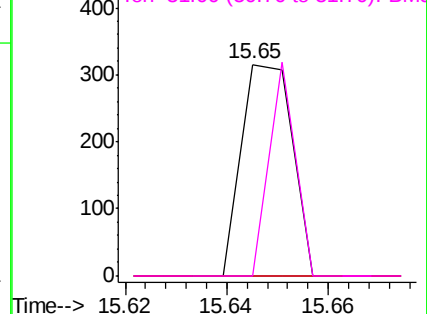


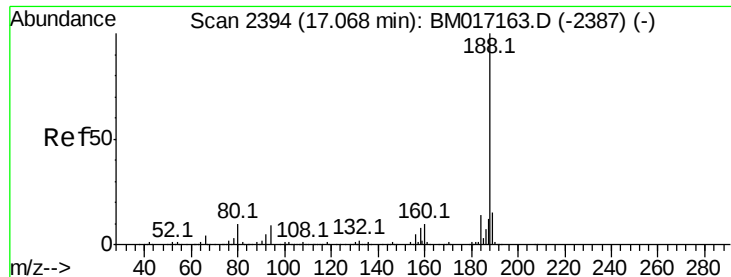
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Instrument :

BNA_M

ClientSampleId :

PB113692BL

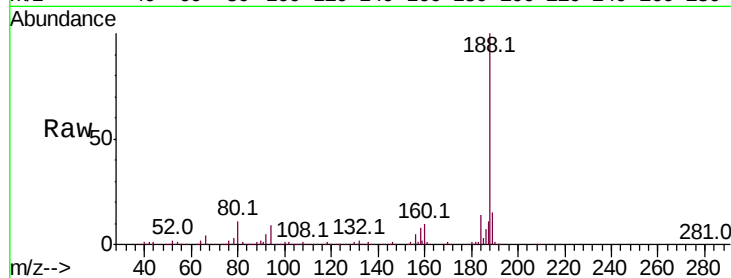
Tot Ion:188 Resp: 1059472

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

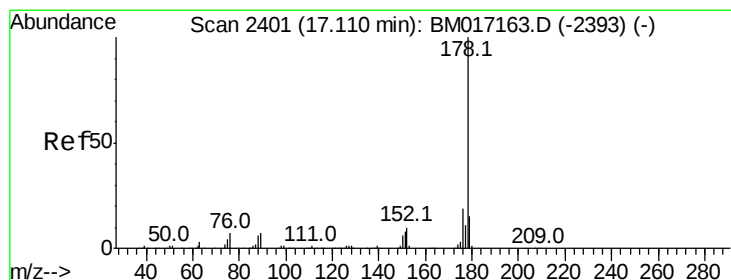
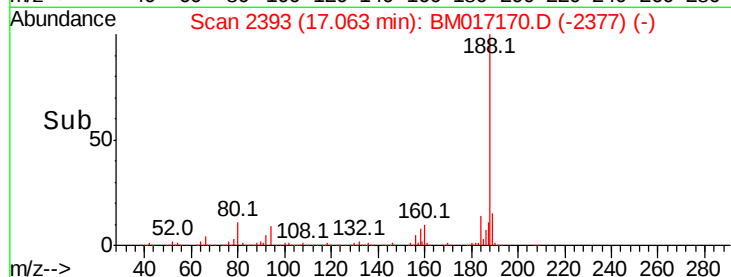
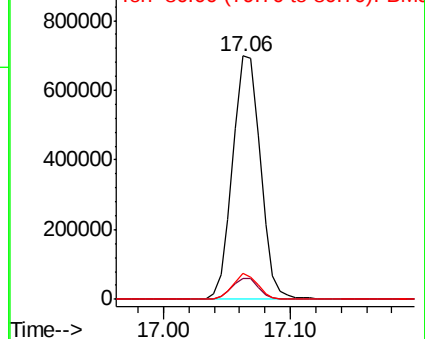
80 10.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 0.007 ng

RT: 17.11 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

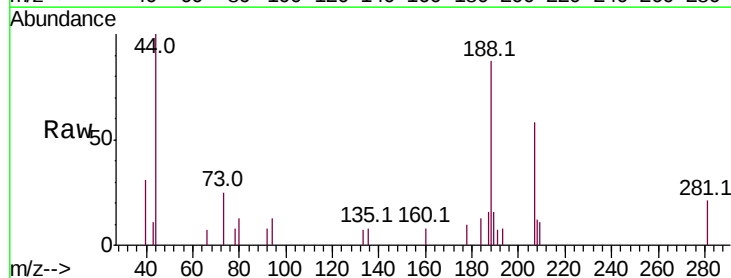
Tgt Ion:178 Resp: 390

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.6#

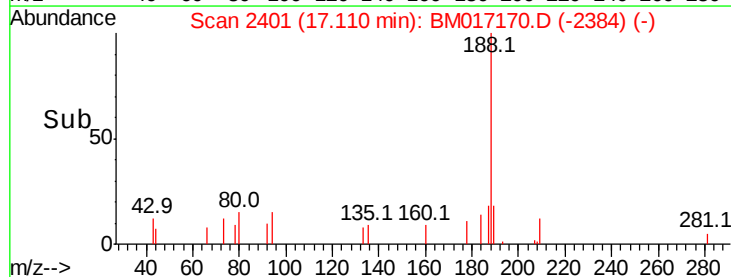
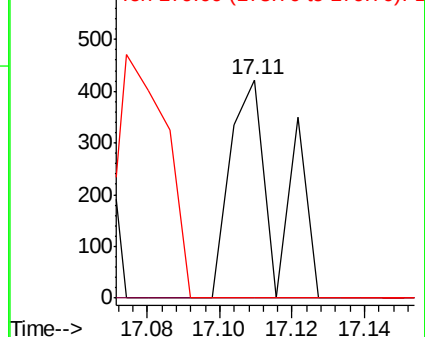
179 0.0 12.3 18.5#

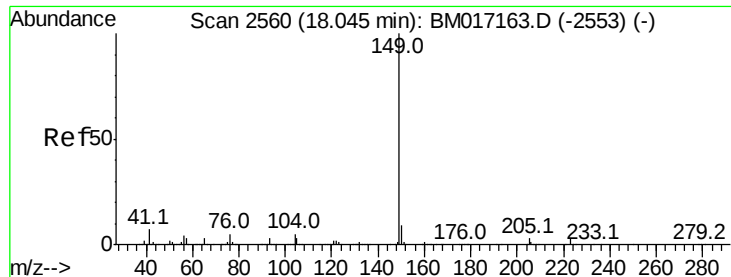


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

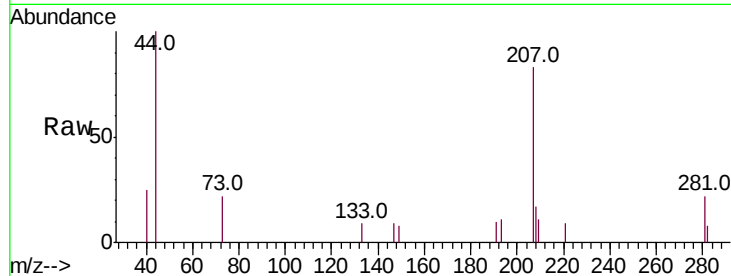




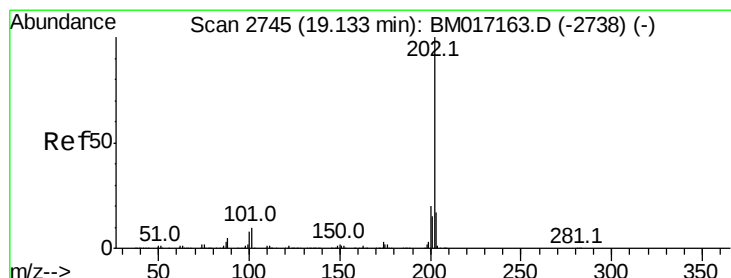
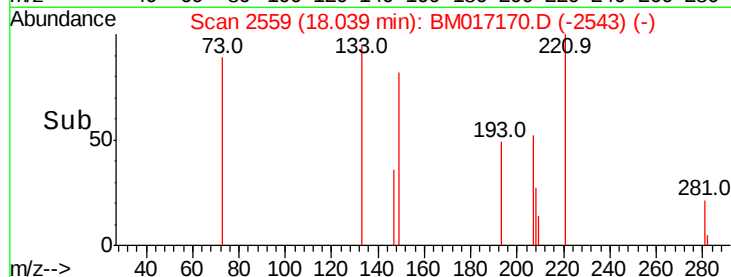
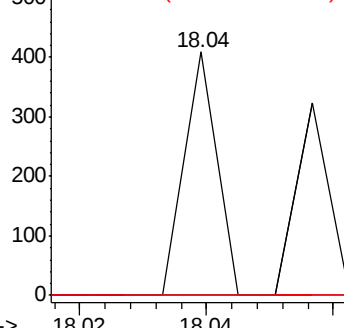
#74
Di-n-butylphthalate
Concen: 0.002 ng
RT: 18.04 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

Instrument :
BNA_M
ClientSampleID :
PB113692BL

Tot Ion:149 Resp: 144
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 4.3 6.5#

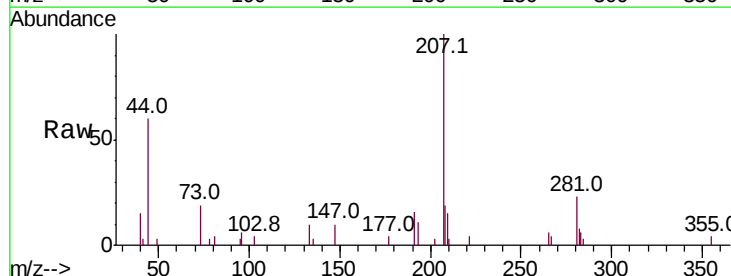


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

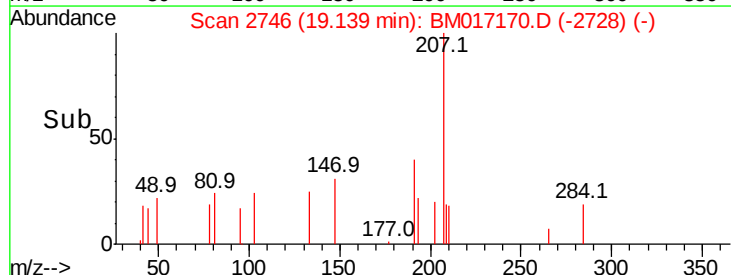
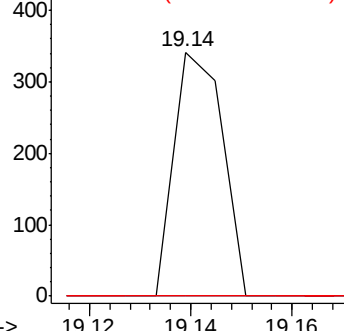


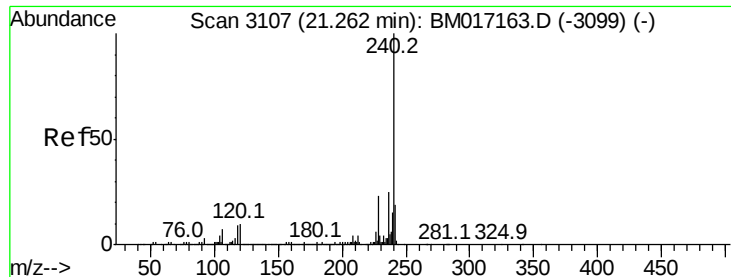
#75
Fluoranthene
Concen: 0.004 ng
RT: 19.14 min Scan# 2746
Delta R.T. 0.01 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

Tgt Ion:202 Resp: 227
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.0
203 0.0 0.0 37.2



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: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Instrument :

BNA_M

ClientSampleId :

PB113692BL

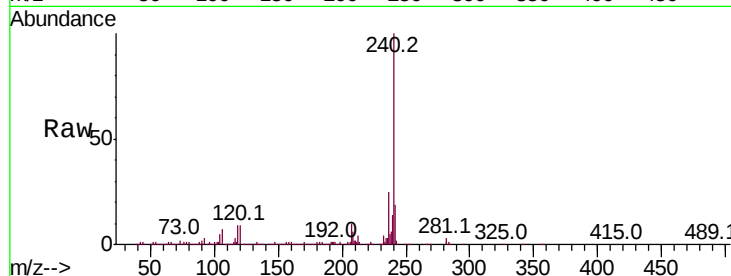
Tot Ion:240 Resp: 1089309

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

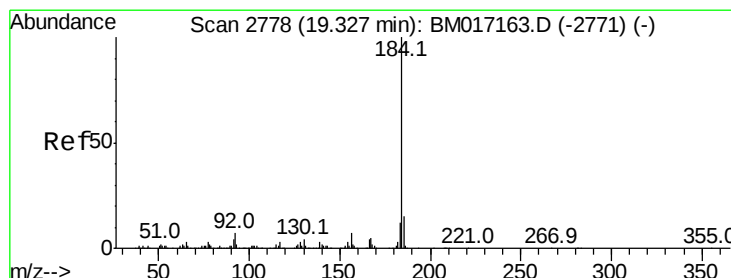
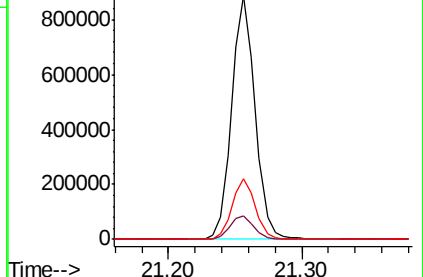
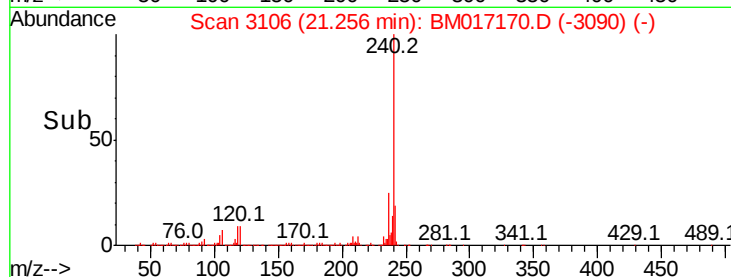
236 24.8 19.9 29.9



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: 0.030 ng

RT: 19.36 min Scan# 2783

Delta R.T. 0.03 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

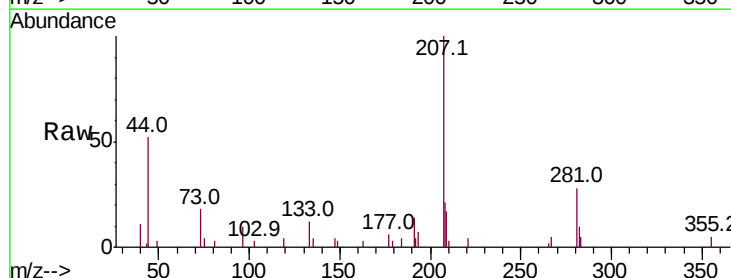
Tgt Ion:184 Resp: 822

Ion Ratio Lower Upper

184 100

185 0.0 11.8 17.8#

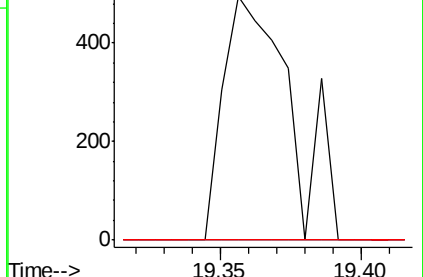
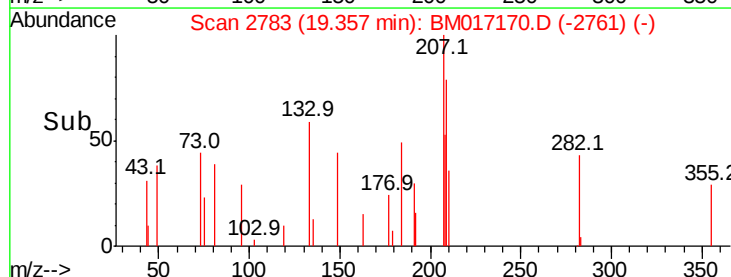
183 0.0 9.7 14.5#

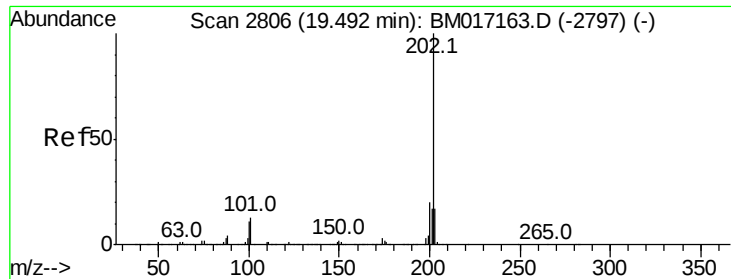


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

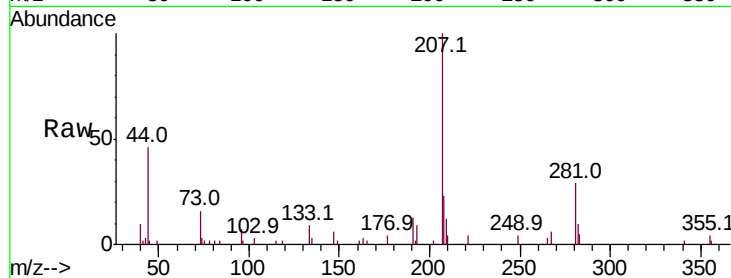




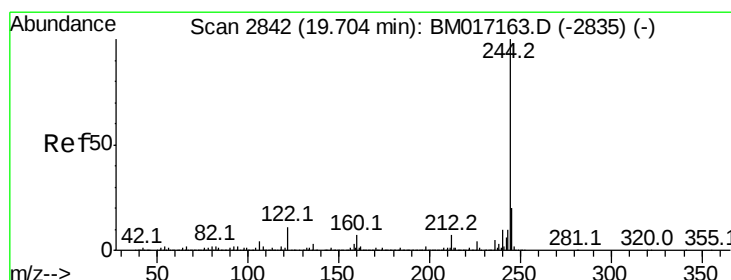
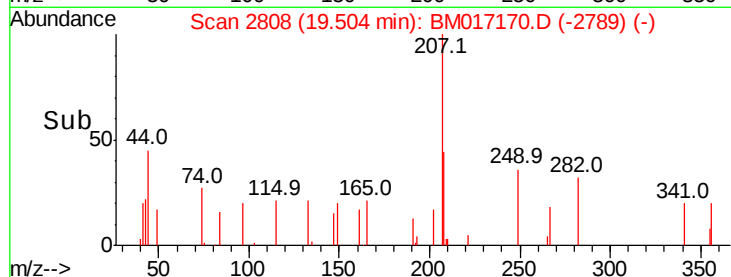
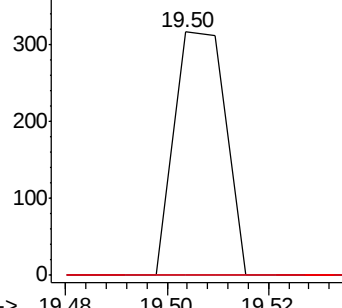
#78
Pvrene
Concen: 0.004 ng
RT: 19.50 min Scan# 2808
Delta R.T. 0.01 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

Instrument :
BNA_M
ClientSampleId :
PB113692BL

Tot Ion:202 Resp: 222
Ion Ratio Lower Upper
202 100
200 0.0 16.3 24.5#
203 0.0 13.9 20.9#

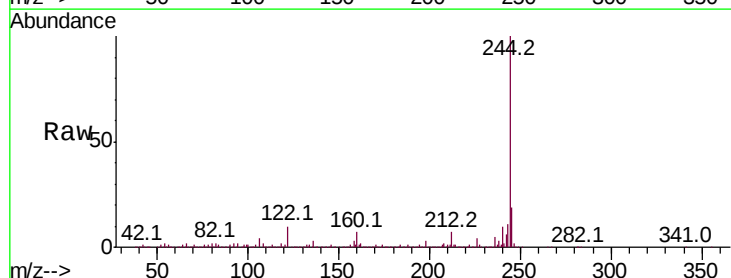


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

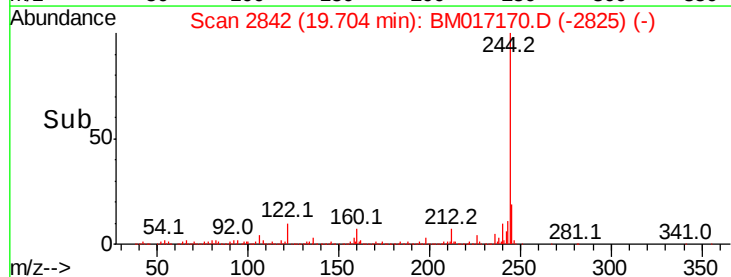
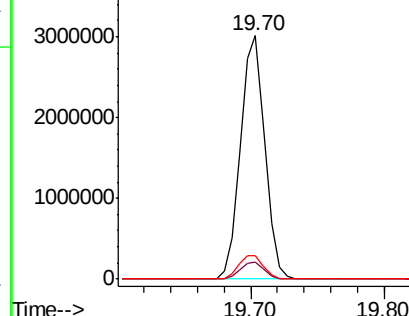


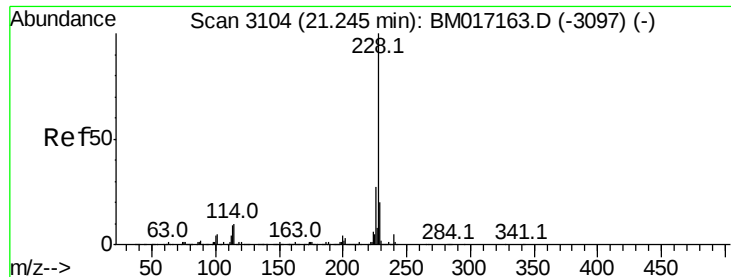
#79
Terphenyl-d14
Concen: 78.979 ng
RT: 19.70 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BM017170.D
Acq: 17 Oct 2018 16:59

Tgt Ion:244 Resp: 3816885
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 9.8 8.4 12.6



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: 0.043 ng

RT: 21.26 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Instrument :

BNA_M

ClientSampleId :

PB113692BL

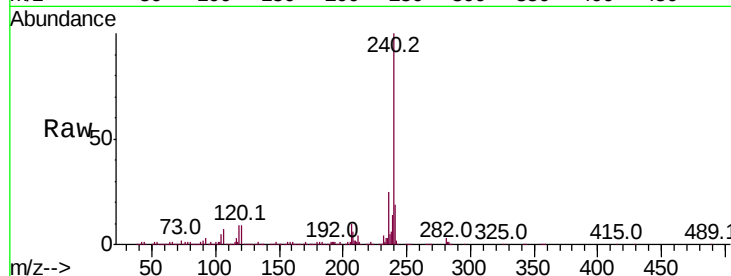
Tot Ion:228 Resp: 2632

Ion Ratio Lower Upper

228 100

226 0.0 21.4 32.0#

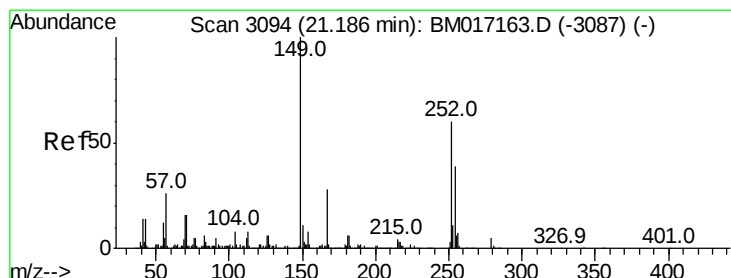
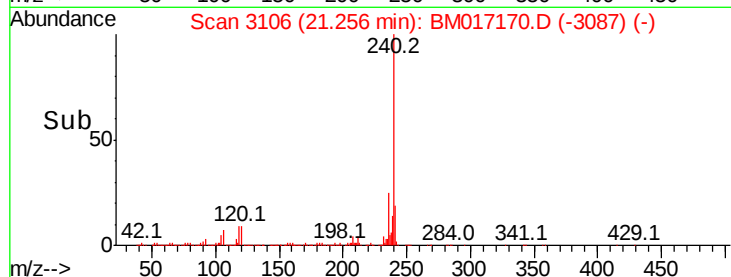
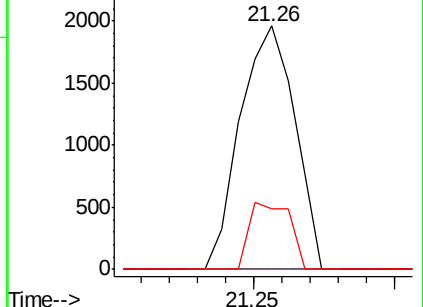
229 24.9 15.9 23.9#



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: 0.032 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

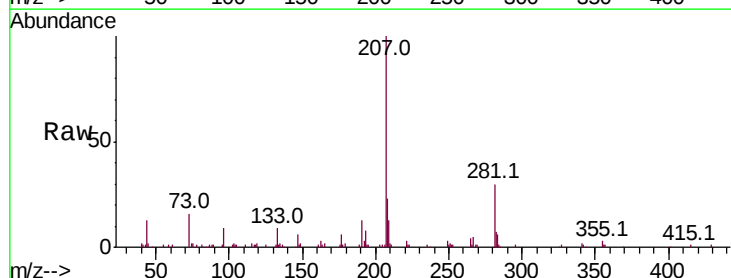
Tgt Ion:252 Resp: 722

Ion Ratio Lower Upper

252 100

254 0.0 52.1 78.1#

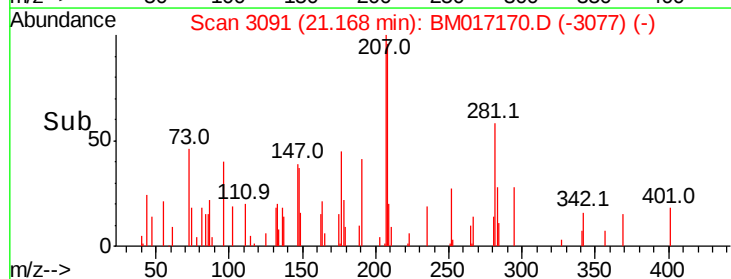
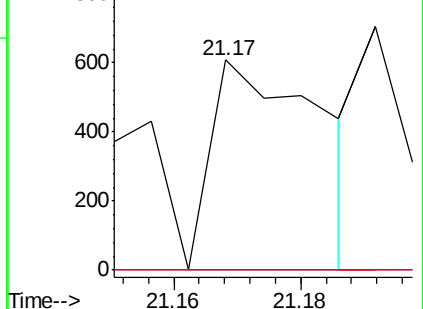
126 0.0 8.6 12.8#

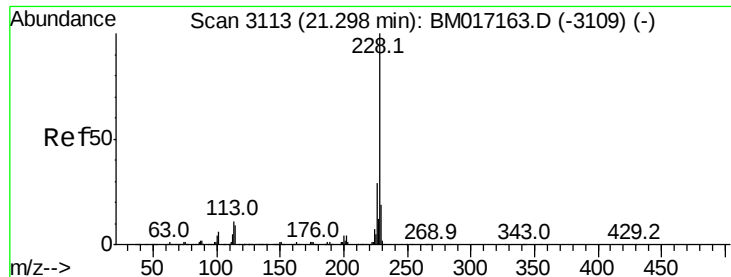


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.043 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.04 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Instrument :

BNA_M

ClientSampleId :

PB113692BL

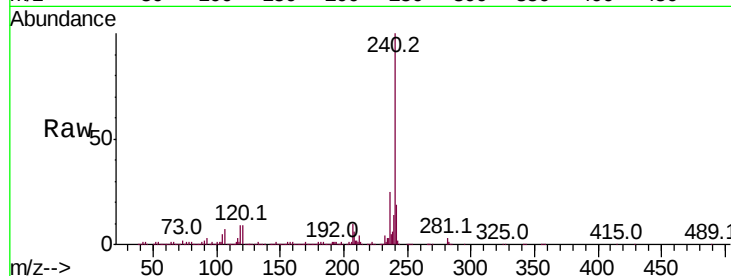
Tot Ion:228 Resp: 2632

Ion Ratio Lower Upper

228 100

226 0.0 23.3 34.9#

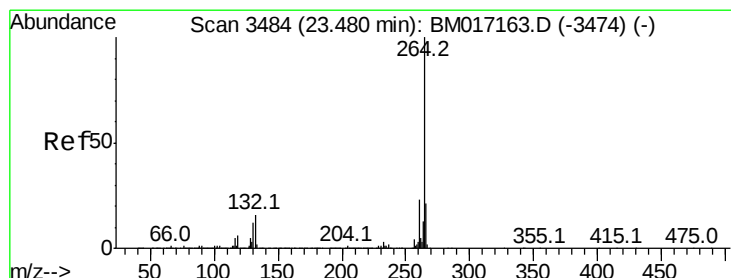
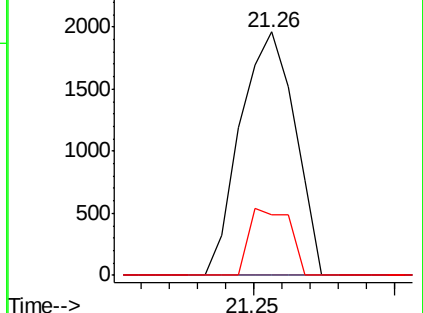
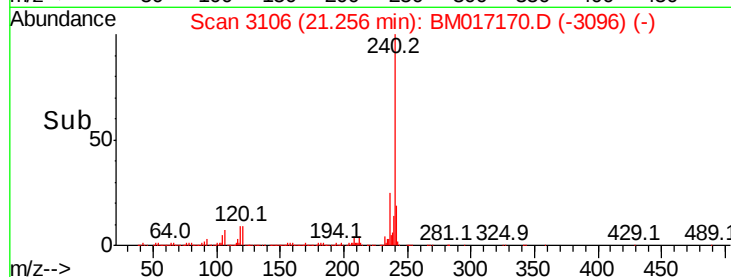
229 24.9 15.6 23.4#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. -0.01 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

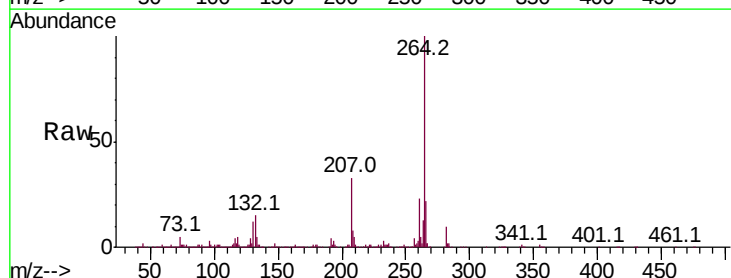
Tgt Ion:264 Resp: 1080489

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

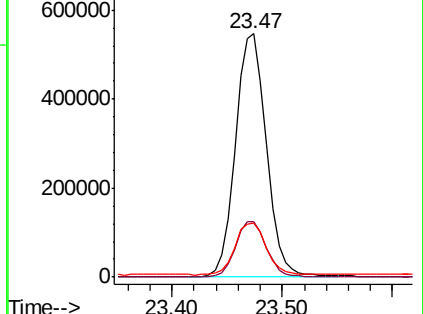
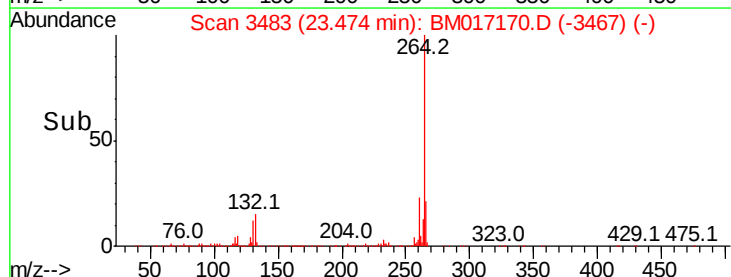
265 22.3 17.8 26.8

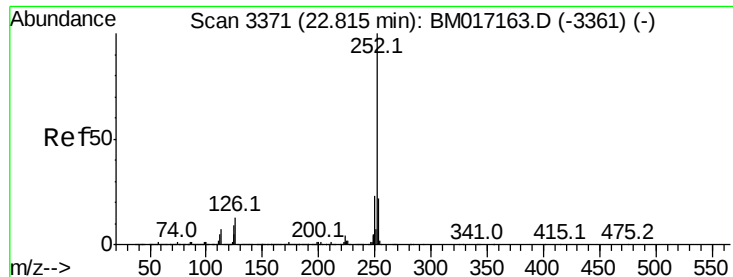


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.012 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Instrument :

BNA_M

ClientSampleId :

PB113692BL

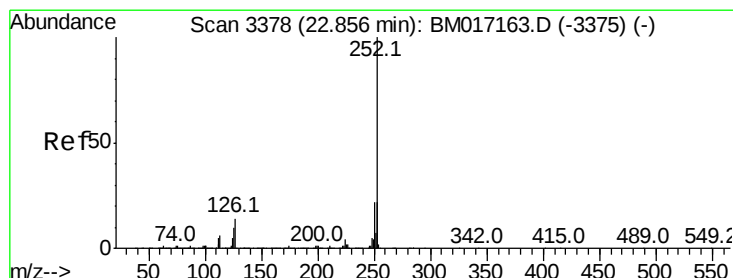
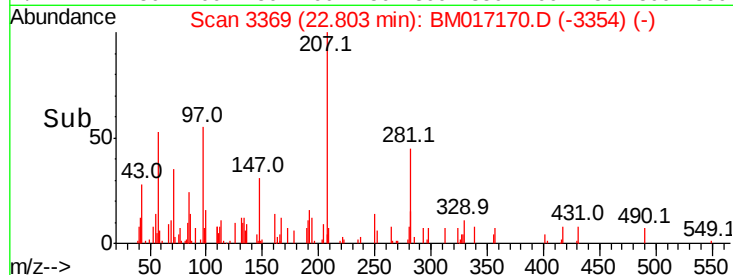
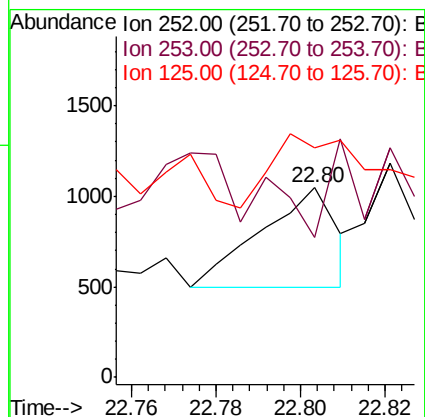
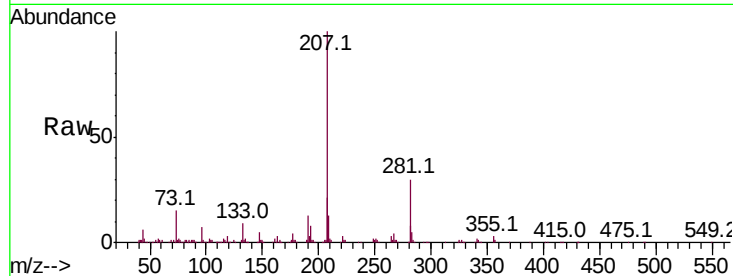
Tot Ion:252 Resp: 694

Ion Ratio Lower Upper

252 100

253 73.9 17.4 26.2#

125 120.8 7.5 11.3#



#89

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 22.85 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

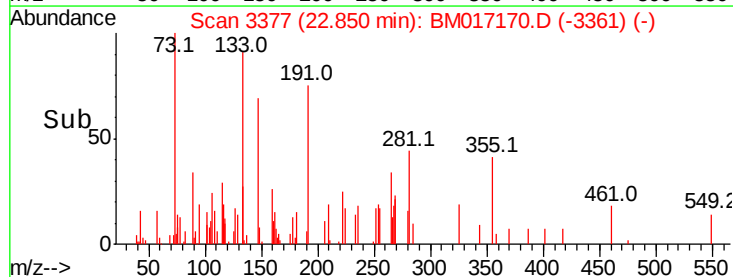
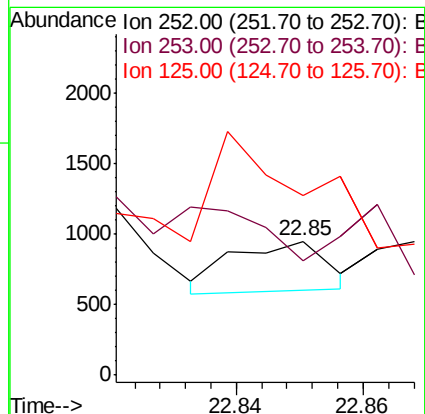
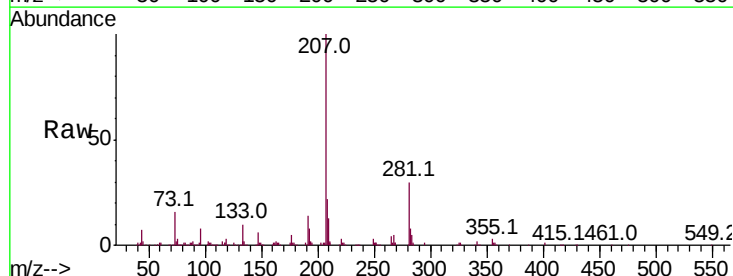
Tgt Ion:252 Resp: 371

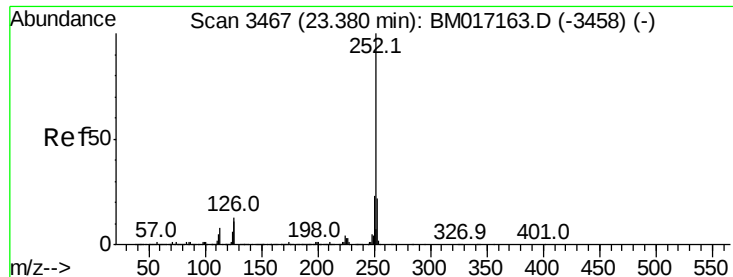
Ion Ratio Lower Upper

252 100

253 84.9 17.5 26.3#

125 134.2 8.2 12.2#





#90

Benzo(a)pyrene

Concen: 0.007 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

Instrument :

BNA_M

ClientSampleId :

PB113692BL

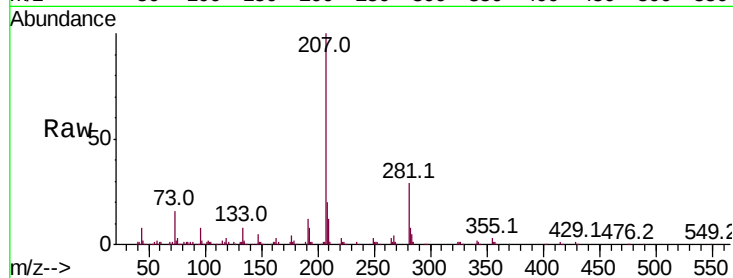
Tot Ion:252 Resp: 372

Ion Ratio Lower Upper

252 100

253 124.3 17.4 26.0#

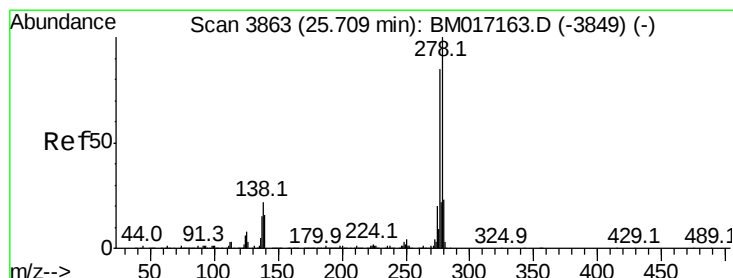
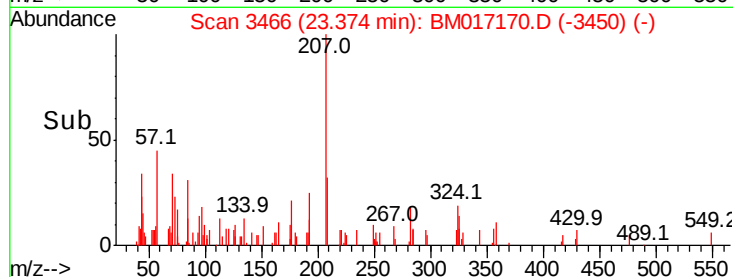
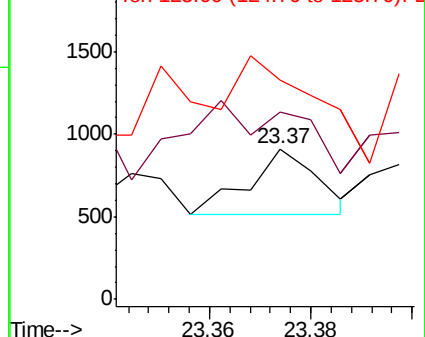
125 145.9 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 25.74 min Scan# 3868

Delta R.T. 0.03 min

Lab File: BM017170.D

Acq: 17 Oct 2018 16:59

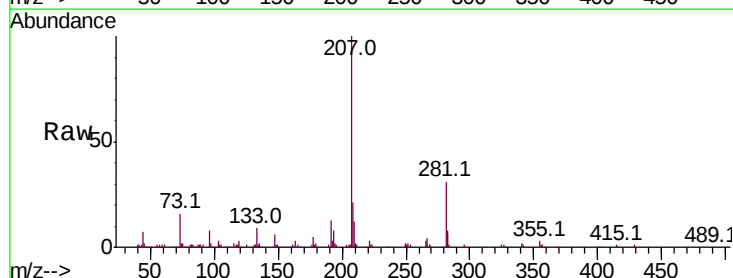
Tgt Ion:278 Resp: 137

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

279 134.4 18.7 28.1#



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

