

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018740.D
 Acq On : 07 Feb 2019 16:41
 Operator : JU/SJ
 Sample : K1390-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)

Quant Time: Feb 11 15:23:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

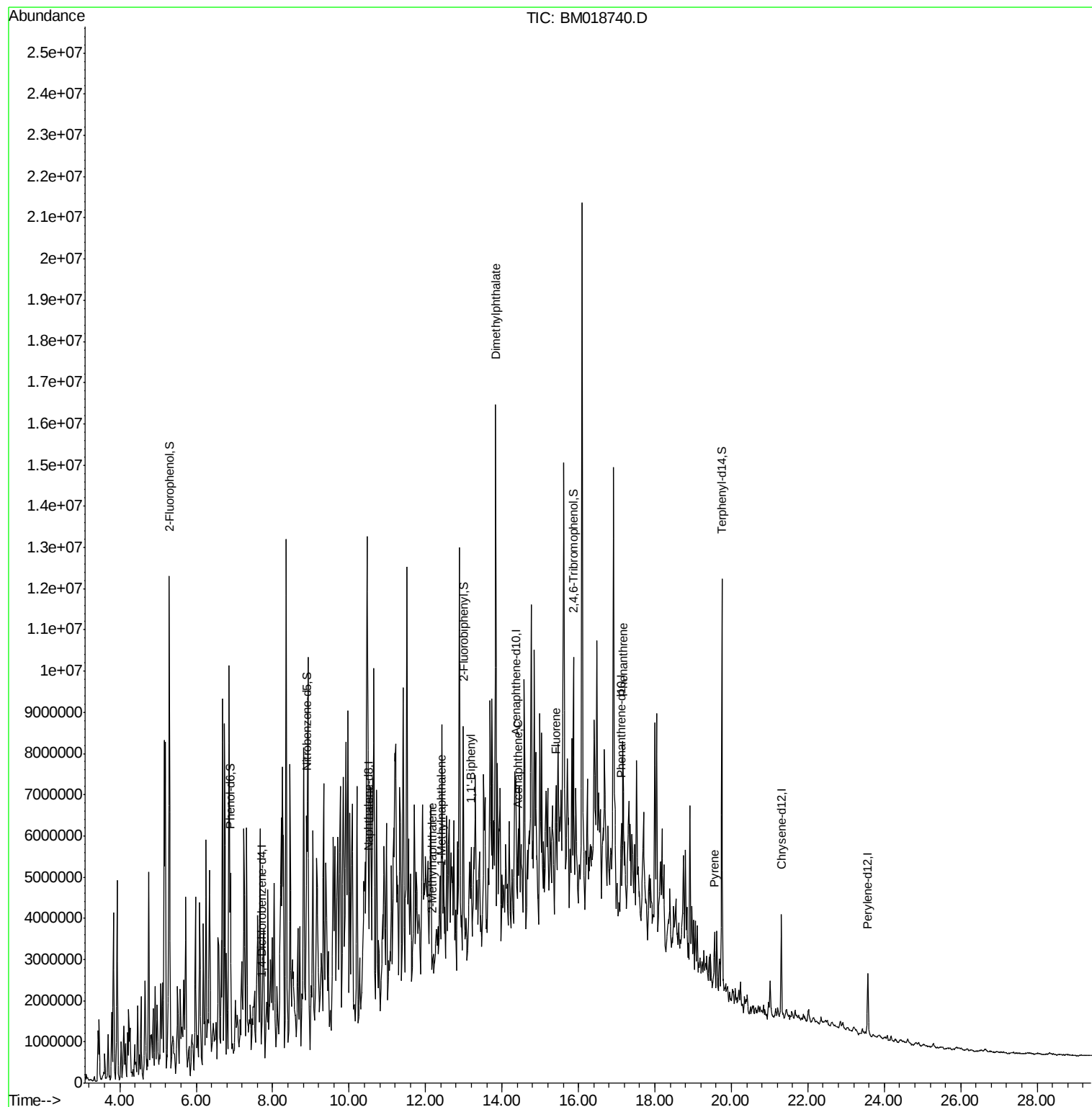
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	210652	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	767791	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	448391	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	891463	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1026126	20.00	ng	0.00
87) Perylene-d12	23.57	264	1102515	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1719292	150.71	ng	0.00
7) Phenol-d6	6.89	99	2211162	152.60	ng	0.00
23) Nitrobenzene-d5	8.89	82	1410659	106.51	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	823248	144.19	ng	0.00
45) 2-Fluorobiphenyl	12.99	172	2969621	86.42	ng	0.00
79) Terphenyl-d14	19.75	244	4442472	91.26	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.18	142	418506	16.019	ng	Qvalue 96
38) 1-Methylnaphthalene	12.40	142	218173	8.631	ng	# 89
46) 1,1'-Biphenyl	13.20	154	197881	5.054	ng	97
50) Dimethylphthalate	13.83	163	208246	5.655	ng	# 93
52) Acenaphthene	14.43	154	135397	5.001	ng	# 75
58) Fluorene	15.42	166	364183	10.930	ng	# 80
71) Phenanthrene	17.16	178	1894230	39.949	ng	# 95
78) Pyrene	19.55	202	308609	5.074	ng	# 76

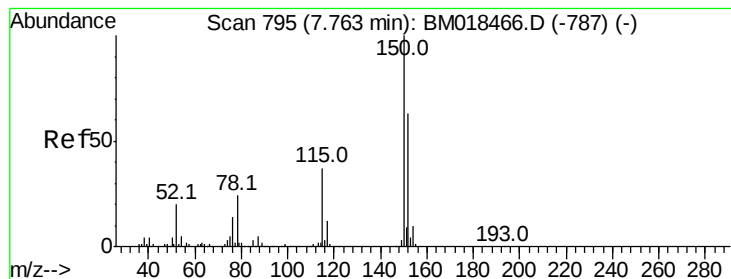
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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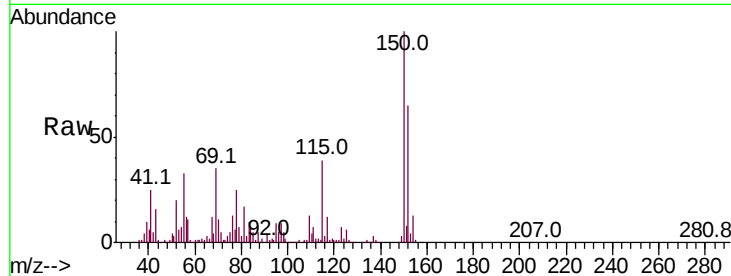


#1

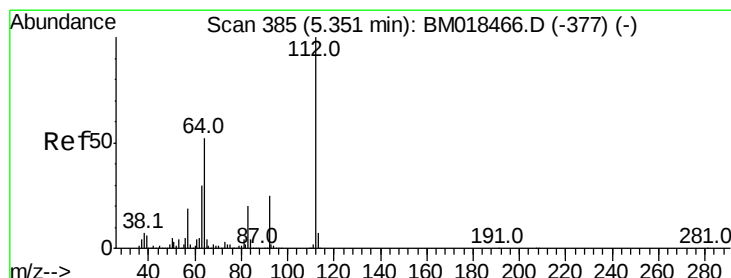
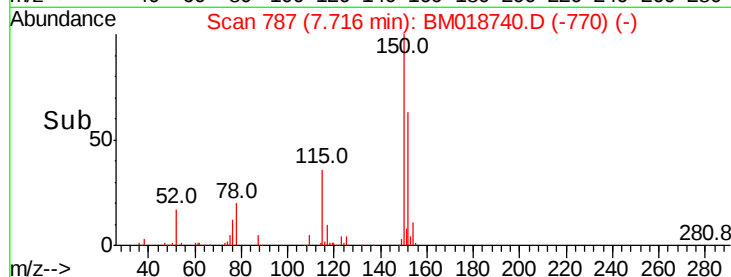
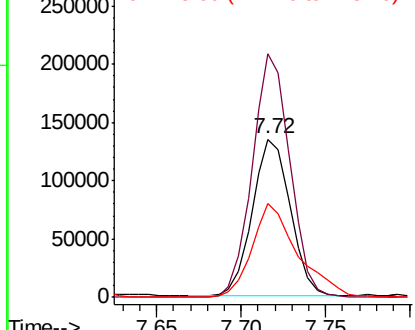
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tot Ion:152 Resp: 210652
Ion Ratio Lower Upper
152 100
150 153.7 126.9 190.3
115 59.2 45.5 68.3



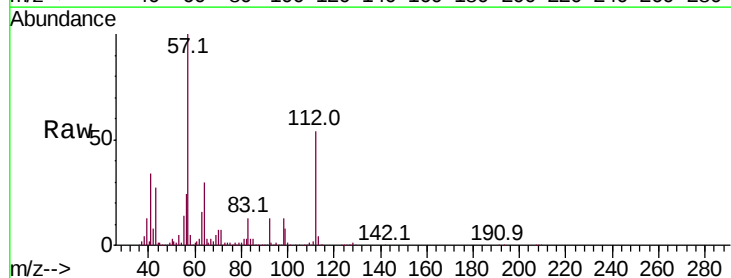
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



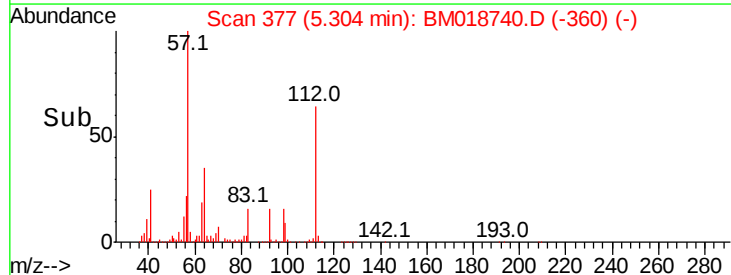
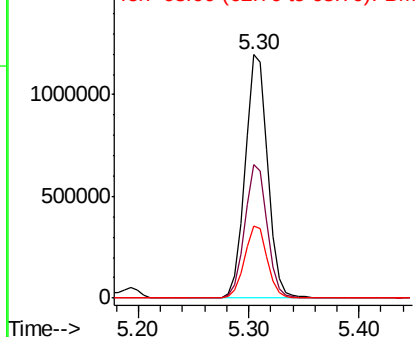
#5

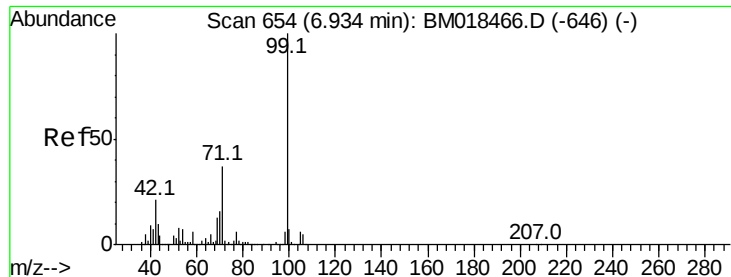
2-Fluorophenol
Concen: 150.706 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:112 Resp: 1719292
Ion Ratio Lower Upper
112 100
64 55.0 46.5 69.7
63 29.7 25.2 37.8



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





#7

Phenol-d6

Concen: 152.601 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

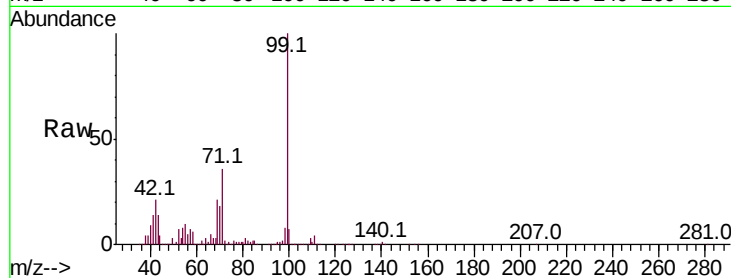
Tot Ion: 99 Resp: 2211162

Ion Ratio Lower Upper

99 100

42 20.7 17.3 25.9

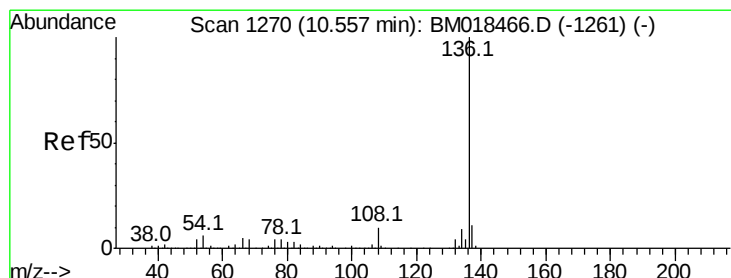
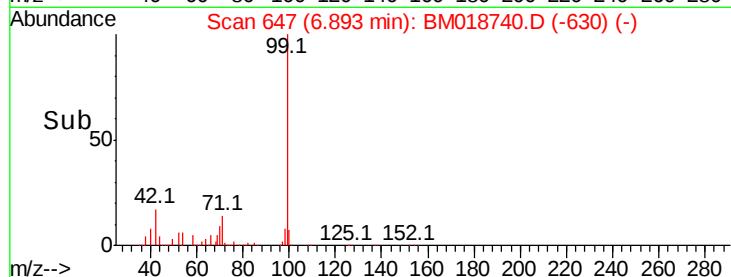
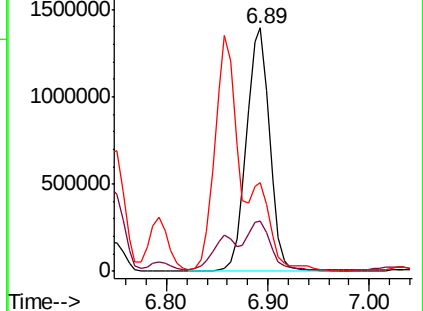
71 36.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018740.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM018740.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM018740.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Tgt Ion: 136 Resp: 767791

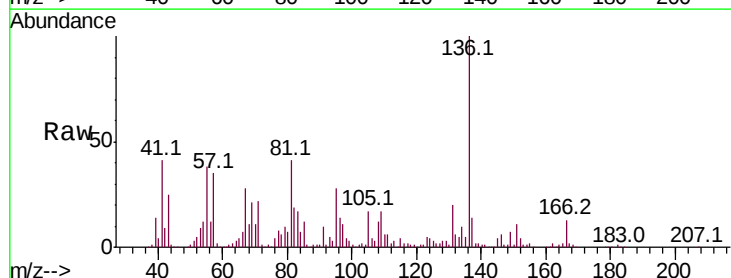
Ion Ratio Lower Upper

136 100

137 13.8 8.5 12.7#

54 12.1 6.0 9.0#

68 11.5 4.5 6.7#

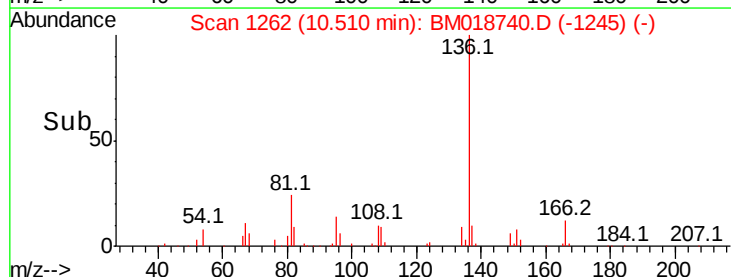
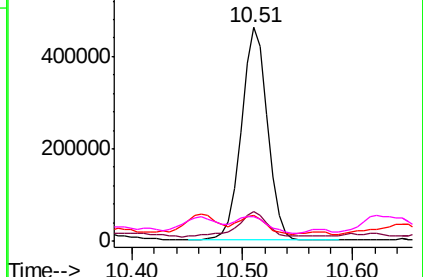


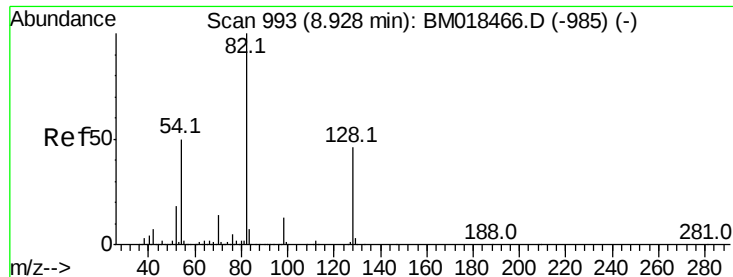
Abundance Ion 136.00 (135.70 to 136.70): BM018740.D (-1245) (-)

Ion 137.00 (136.70 to 137.70): BM018740.D (-1245) (-)

Ion 54.00 (53.70 to 54.70): BM018740.D (-1245) (-)

Ion 68.00 (67.70 to 68.70): BM018740.D (-1245) (-)

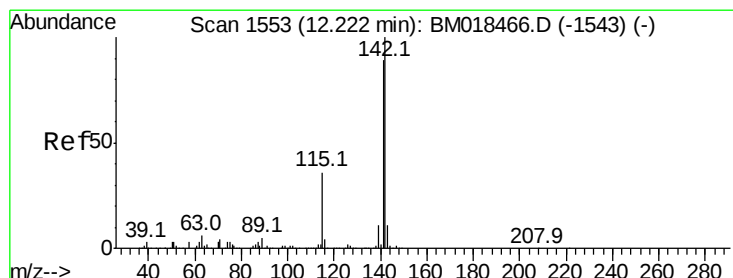
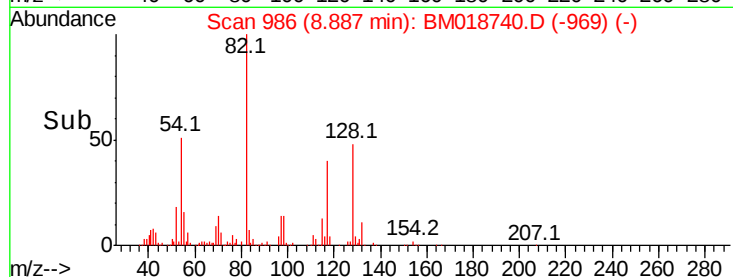
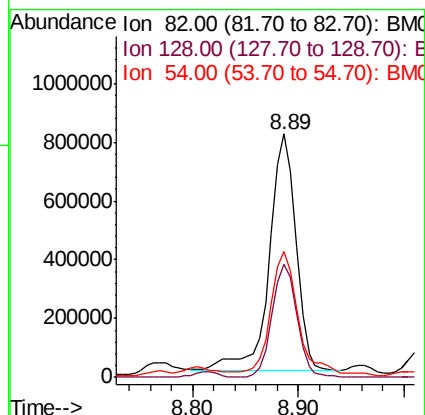
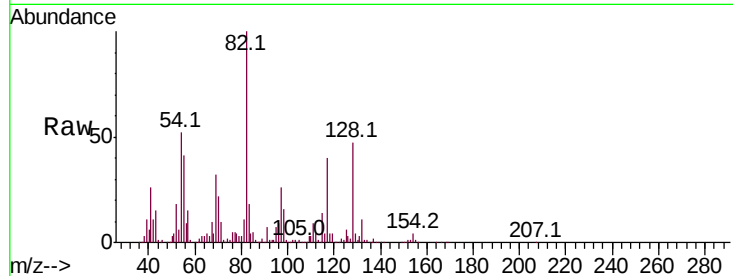




#23
Nitrobenzene-d5
Concen: 106.510 ng
RT: 8.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

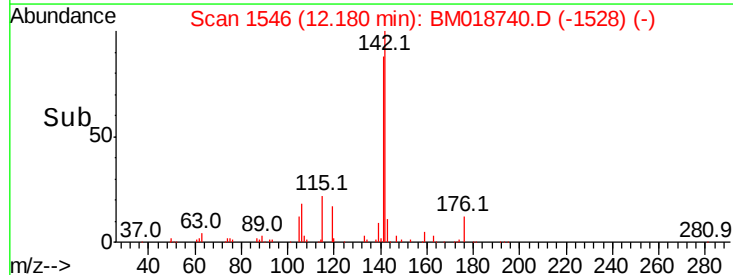
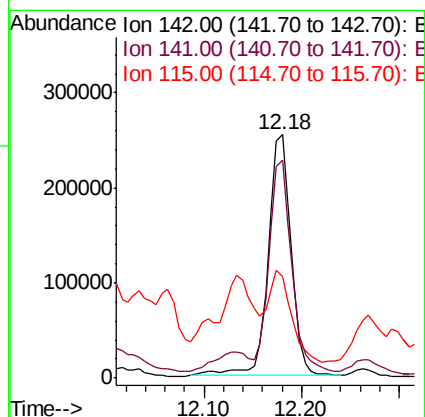
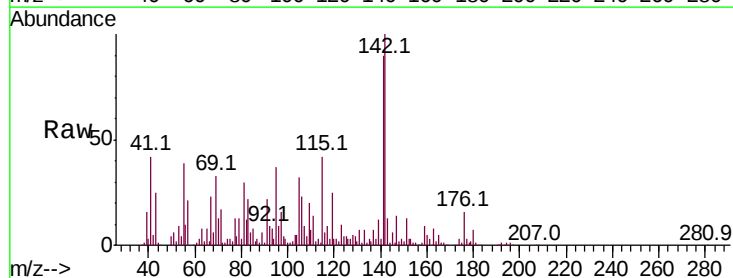
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

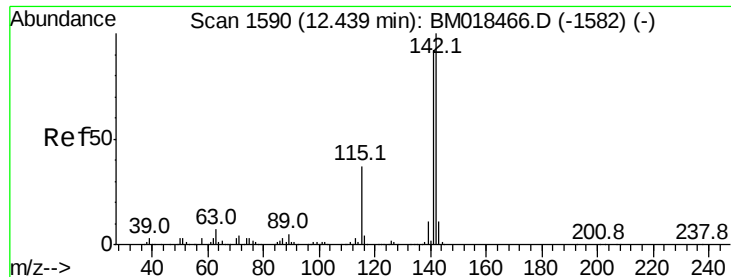
Tot Ion: 82 Resp: 1410659
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 51.6 41.7 62.5



#37
2-Methylnaphthalene
Concen: 16.019 ng
RT: 12.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion: 142 Resp: 418506
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2
115 41.8 28.0 42.0





#38

1-Methylnaphthalene

Concen: 8.631 ng

RT: 12.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

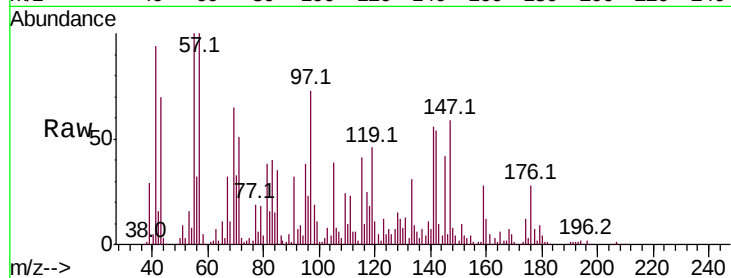
Tot Ion:142 Resp: 218173

Ion Ratio Lower Upper

142 100

141 104.3 75.6 113.4

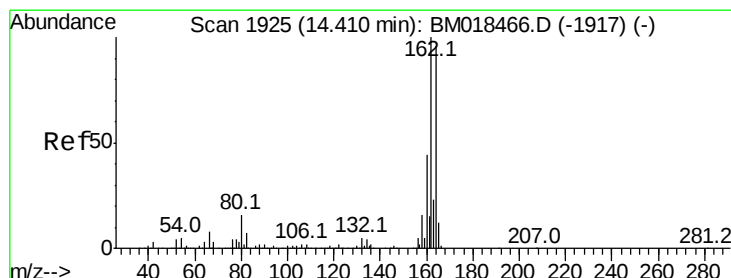
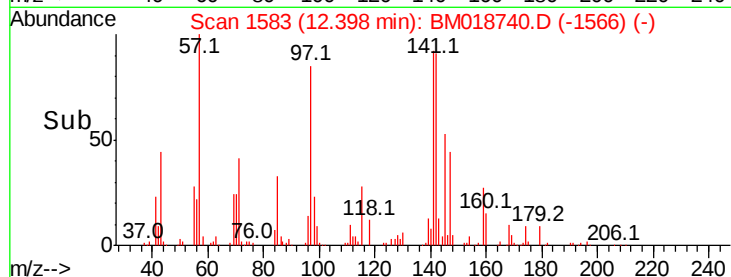
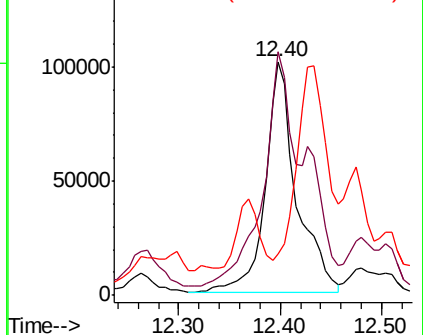
116 18.0 3.0 4.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

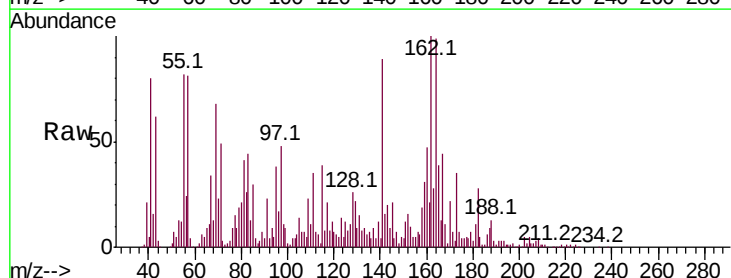
Tgt Ion:164 Resp: 448391

Ion Ratio Lower Upper

164 100

162 101.3 83.0 124.4

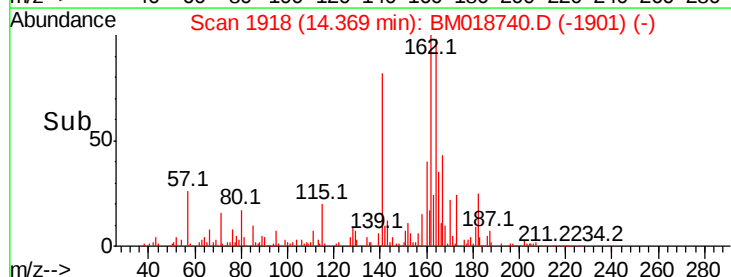
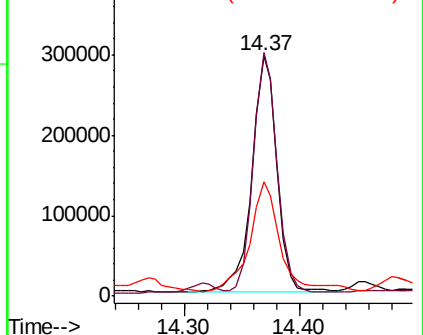
160 47.4 37.1 55.7

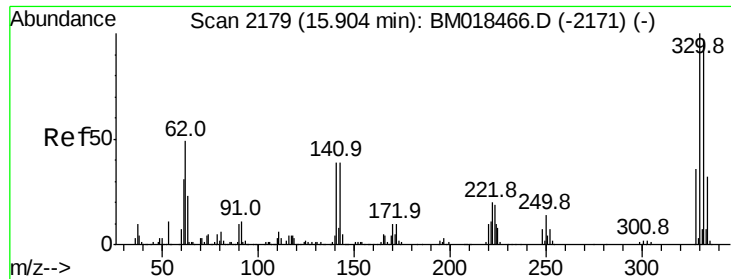


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

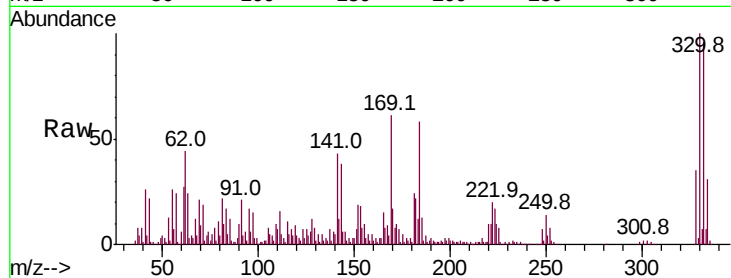




#42
 2,4,6-Tribromophenol
 Concen: 144.195 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	36.9	31.7	47.5

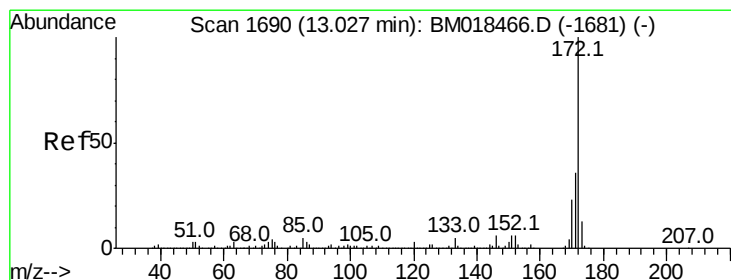
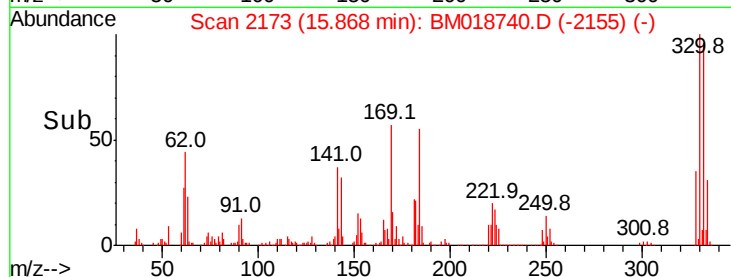
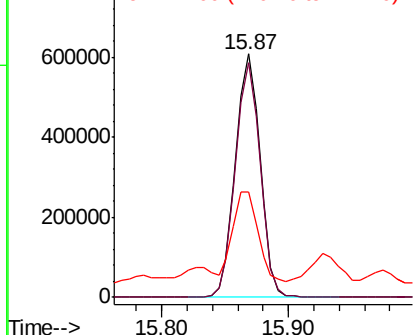


Abundance

Ion 329.80 (329.50 to 330.50): E

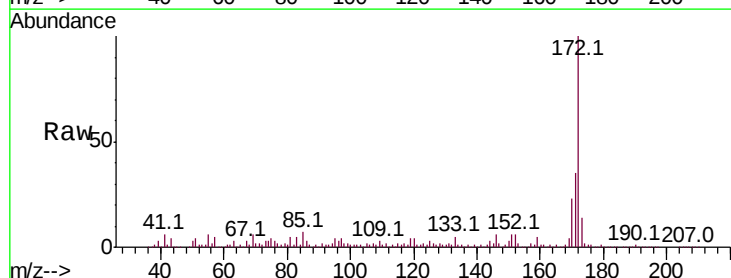
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.419 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	22.9	18.9	28.3

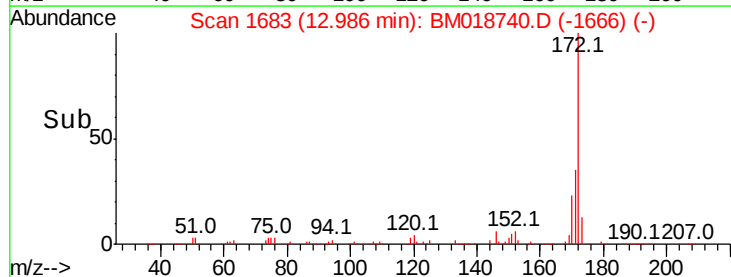
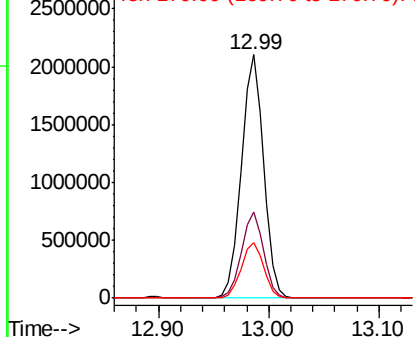


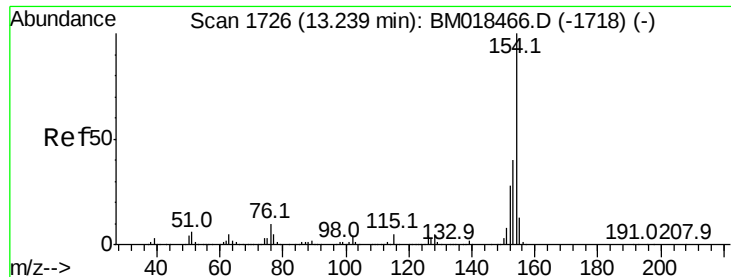
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

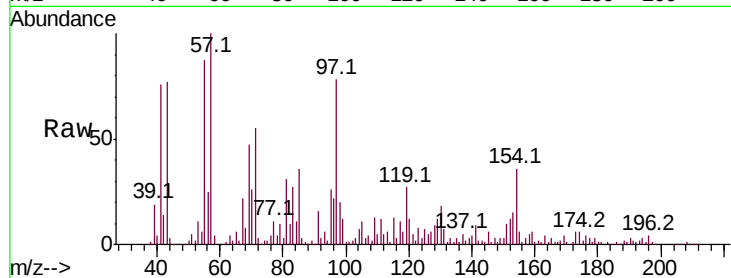




#46
 1,1'-Biphenyl
 Concen: 5.054 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	20.5	60.5
76	11.6	0.0	31.9

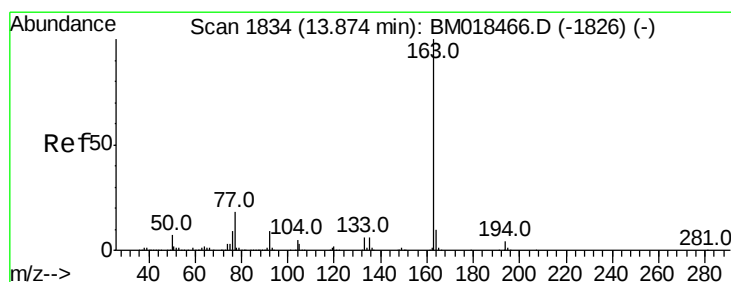
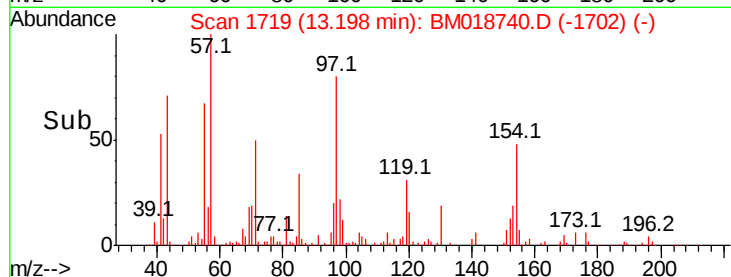
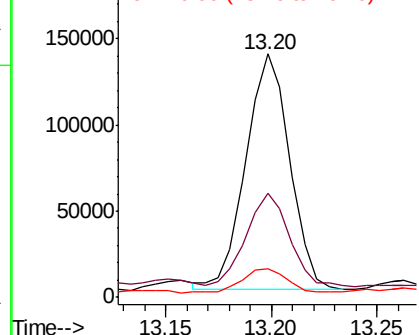


Abundance

Ion 154.00 (153.70 to 154.70): E

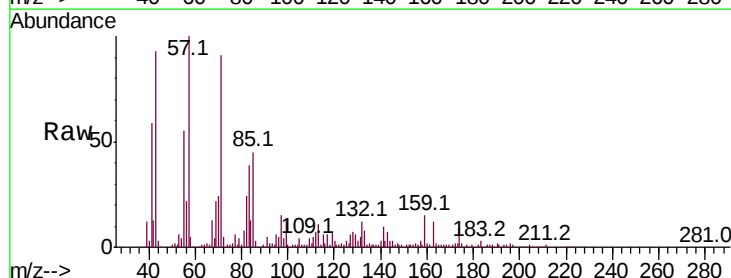
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#50
 Dimethylphthalate
 Concen: 5.655 ng
 RT: 13.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.1	3.0	4.6#
164	12.2	7.8	11.8#

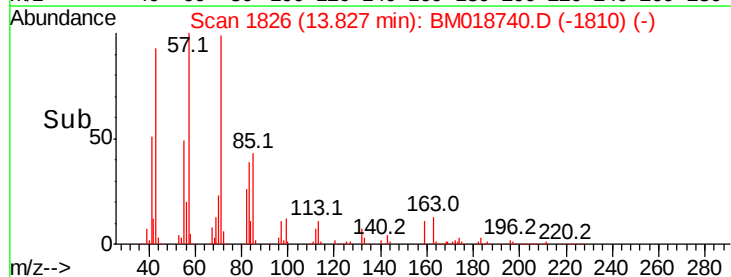
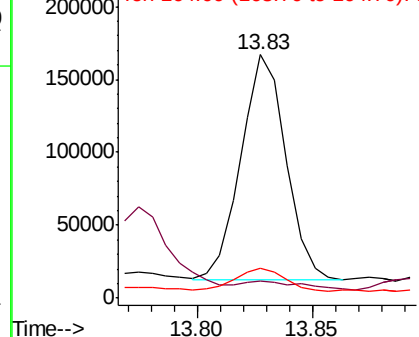


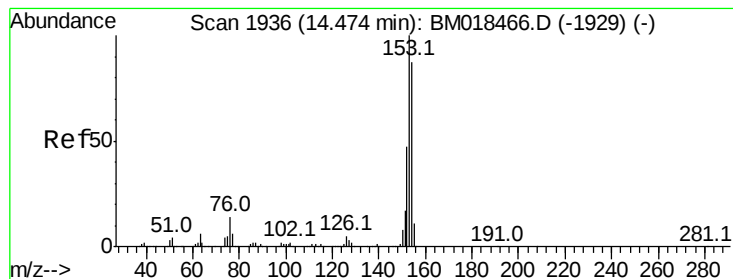
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 5.001 ng

RT: 14.43 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

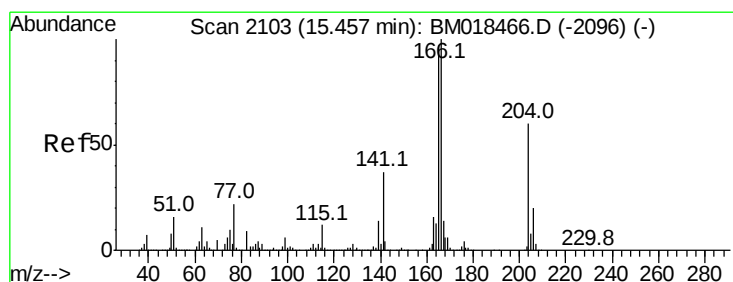
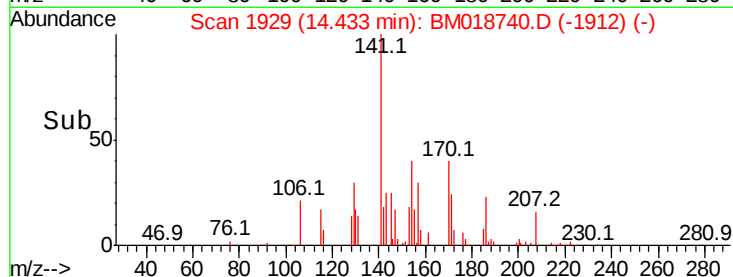
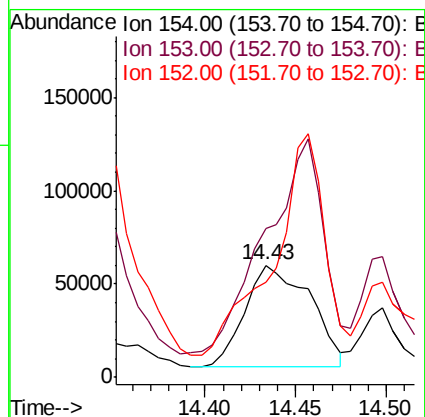
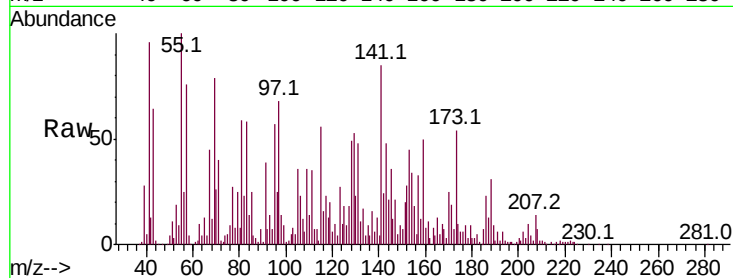
Tot Ion:154 Resp: 135397

Ion Ratio Lower Upper

154 100

153 133.3 92.3 138.5

152 85.0 43.8 65.6#



#58

Fluorene

Concen: 10.930 ng

RT: 15.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

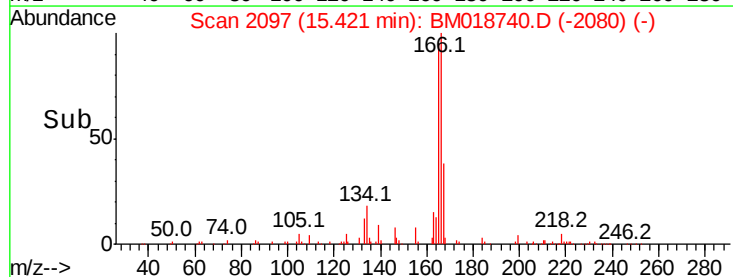
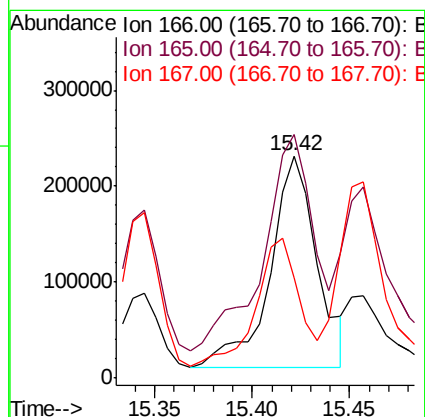
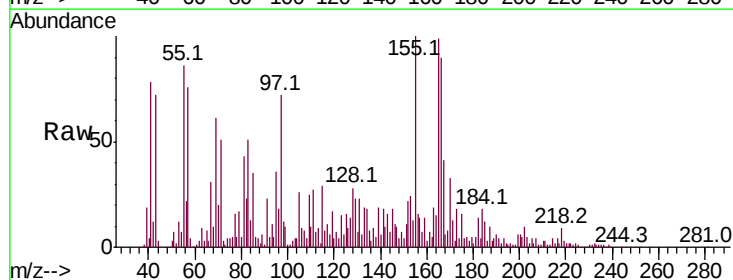
Tgt Ion:166 Resp: 364183

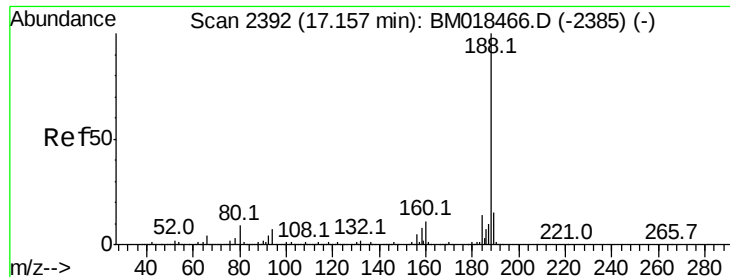
Ion Ratio Lower Upper

166 100

165 109.7 78.3 117.5

167 45.3 10.9 16.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

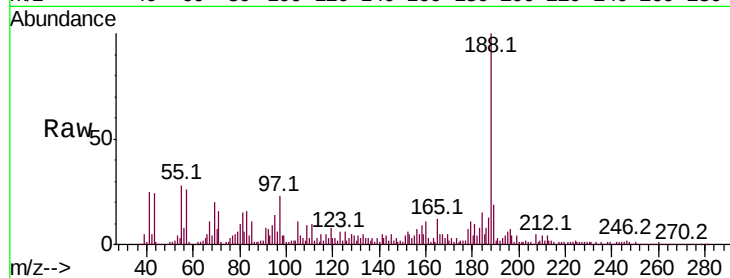
Tot Ion:188 Resp: 891463

Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

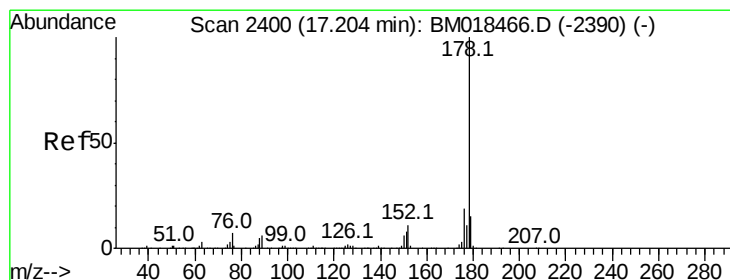
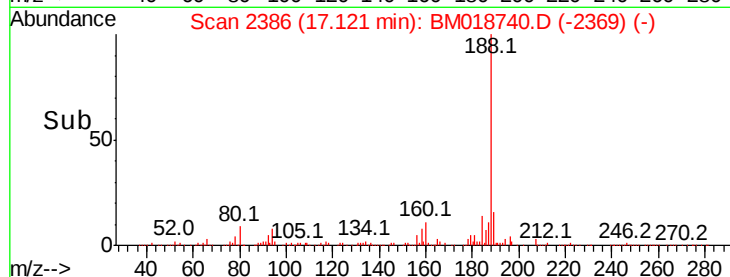
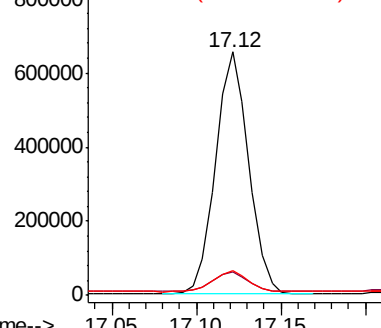
80 10.3 7.6 11.4



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: 39.949 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

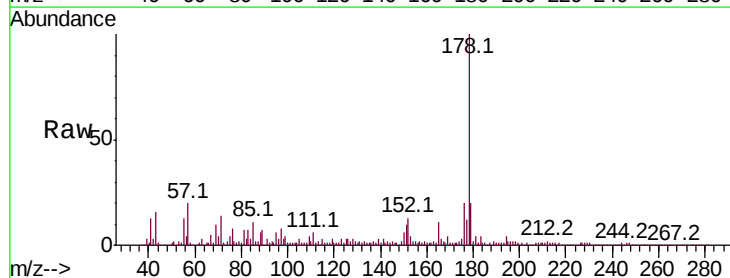
Tgt Ion:178 Resp: 1894230

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

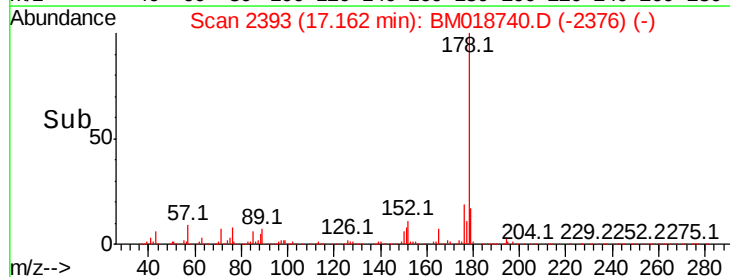
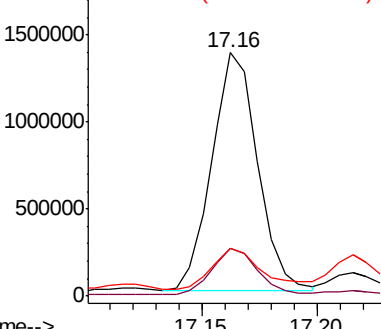
179 19.6 12.2 18.4#

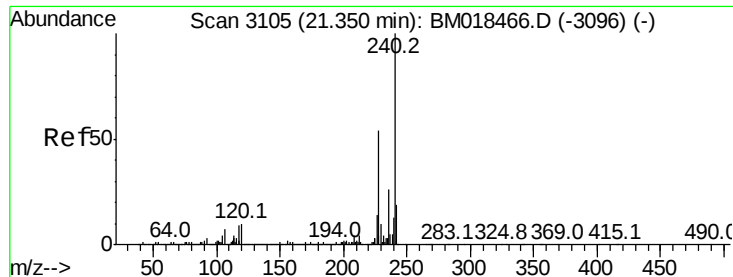


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

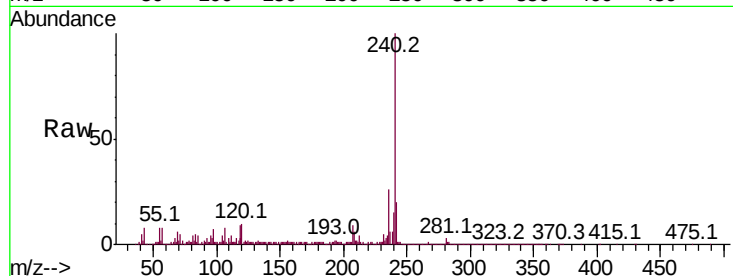
BNA_M

ClientSampleId :

SB-01(12-13)

Tot Ion:240 Resp: 1026126

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	26.2	20.7	31.1

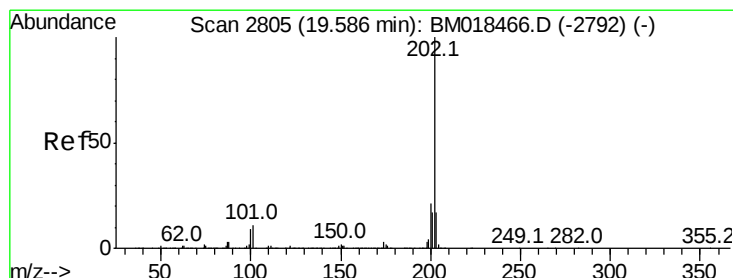
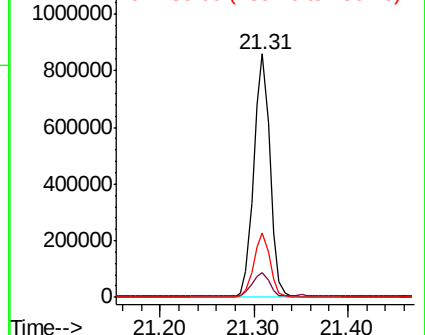
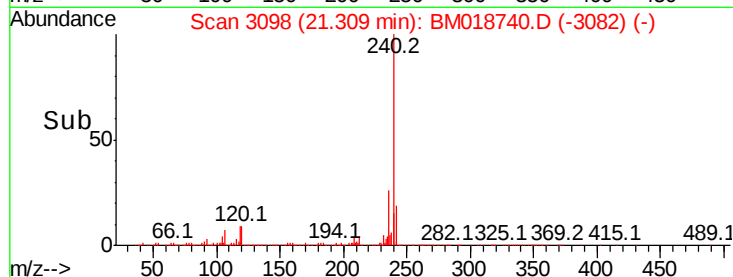


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 5.074 ng

RT: 19.55 min Scan# 2799

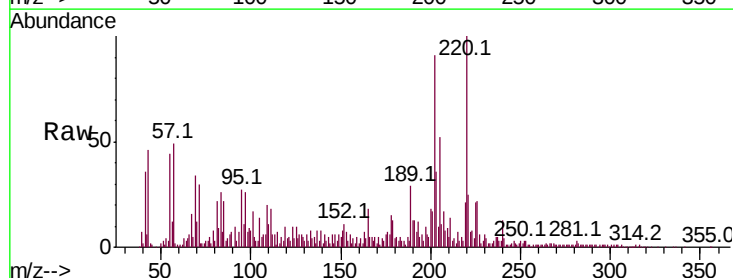
Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Tgt Ion:202 Resp: 308609

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	39.6	13.8	20.8#

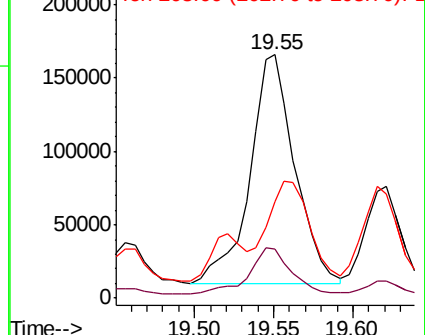
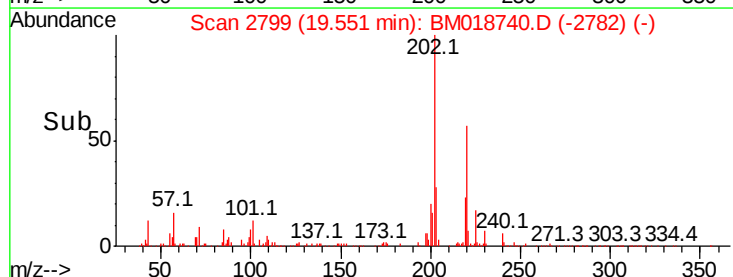


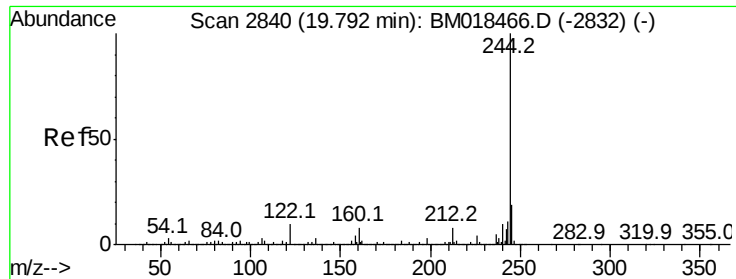
Abundance

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

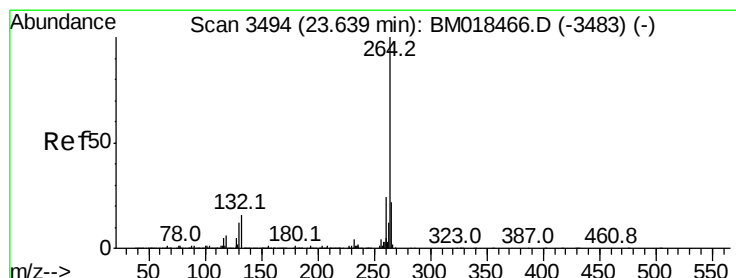
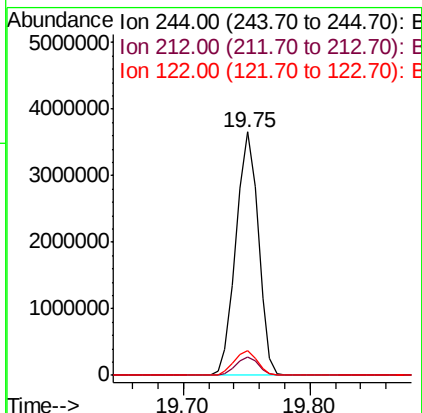
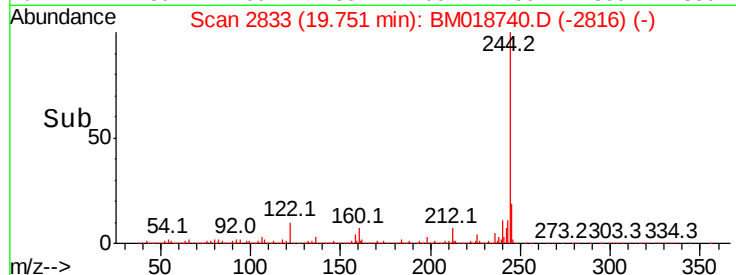
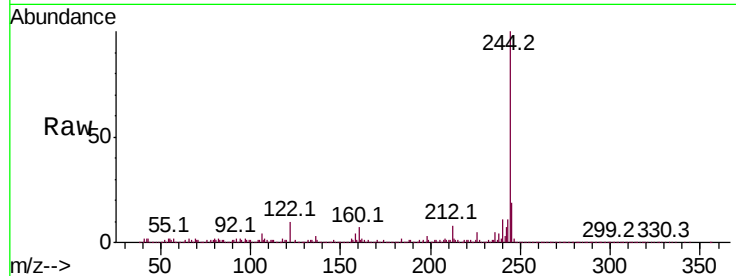




#79
 Terphenyl-d14
 Concen: 91.264 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)

Tot Ion:244 Resp: 4442472
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.1 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.57 min Scan# 3482
 Delta R.T. -0.01 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Tgt Ion:264 Resp: 1102515
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.4 16.8 25.2

