

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
 Data File : BM018764.D
 Acq On : 11 Feb 2019 19:04
 Operator : JU/SJ
 Sample : K1449-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19-OW

Quant Time: Feb 12 07:37:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	327199	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1273618	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	722998	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1628319	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1450201	20.00	ng	0.00
87) Perylene-d12	23.57	264	1284242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1359261	68.07	ng	0.00
7) Phenol-d6	6.89	99	1142573	40.61	ng	0.00
23) Nitrobenzene-d5	8.88	82	2652464	96.30	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1535072	147.29	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5267447	96.71	ng	0.00
79) Terphenyl-d14	19.75	244	7926529	112.75	ng	0.00

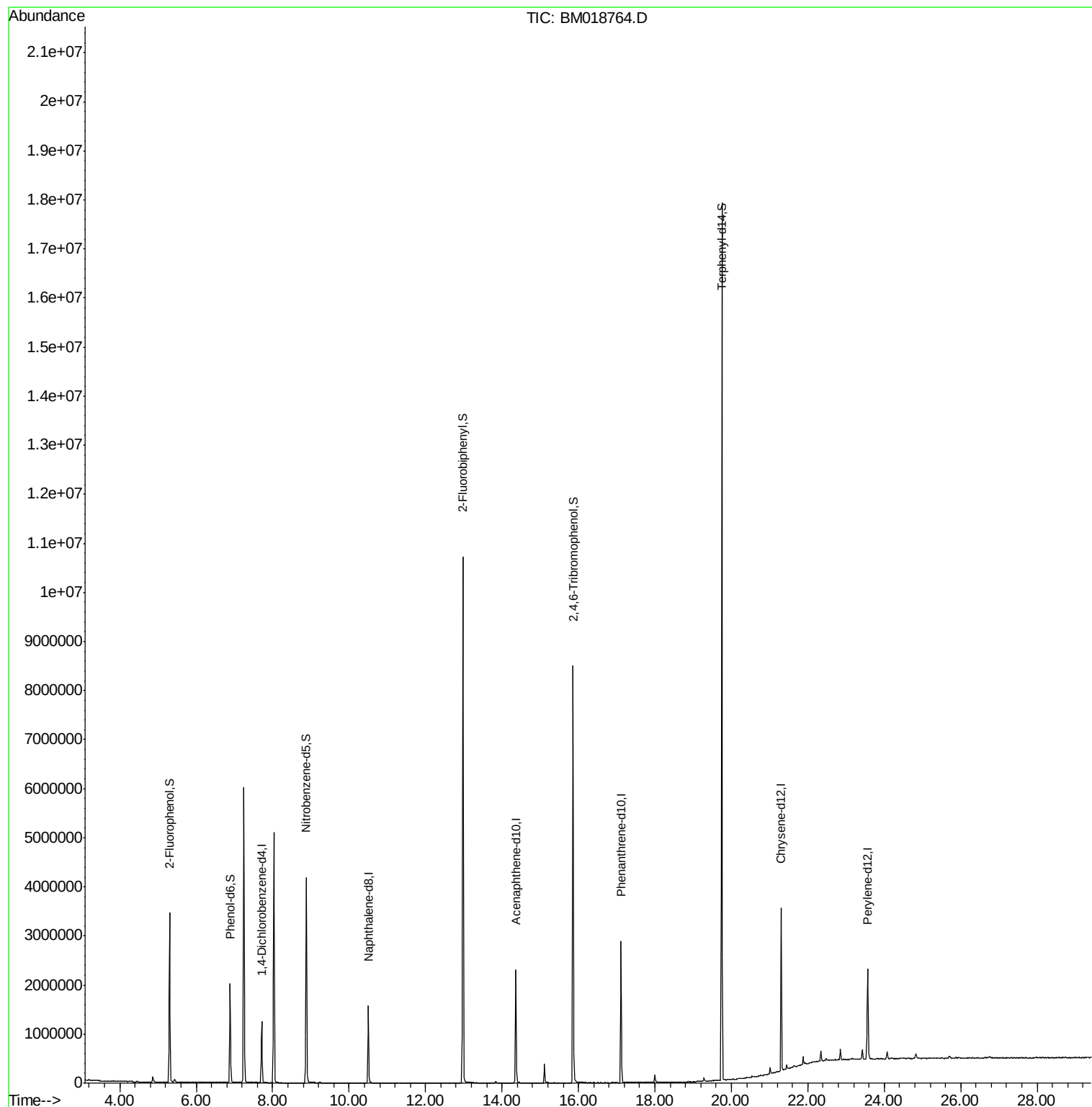
Target Compounds Qvalue

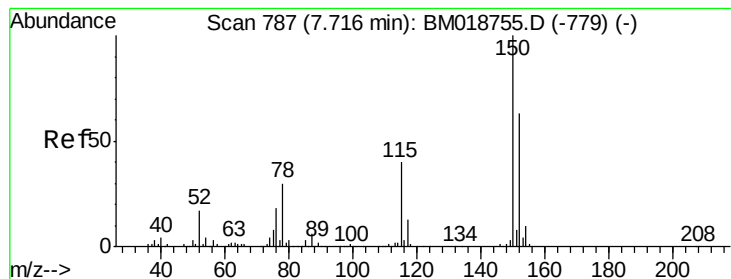
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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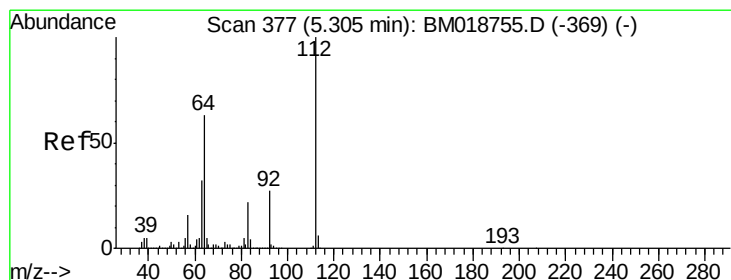
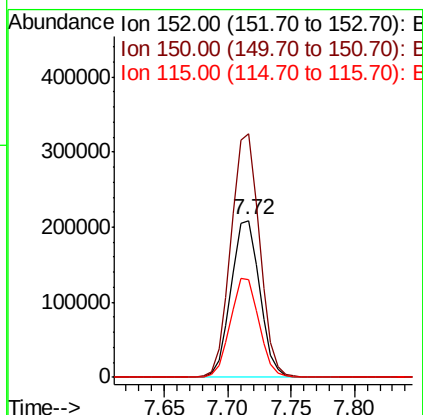
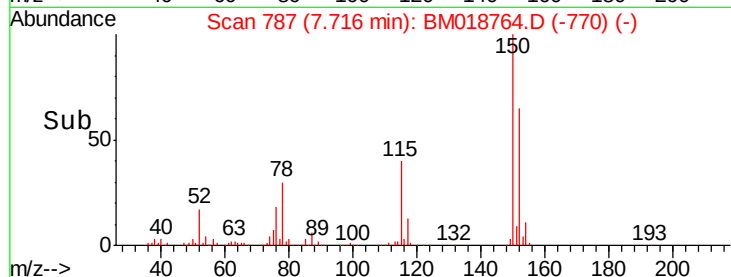
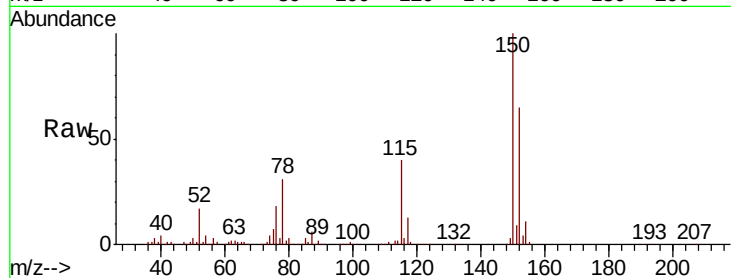


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018764.D
Acq: 11 Feb 2019 19:04

Instrument :
BNA_M
ClientSampleId :
B-19-OW

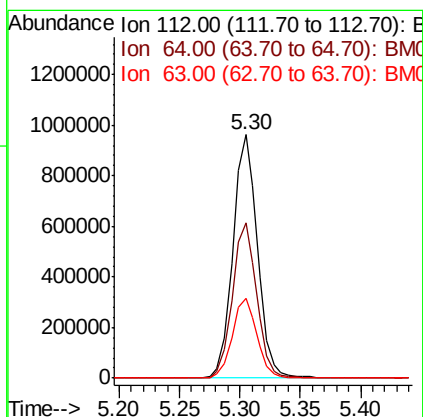
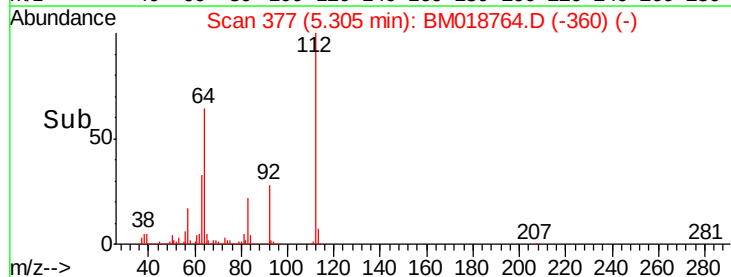
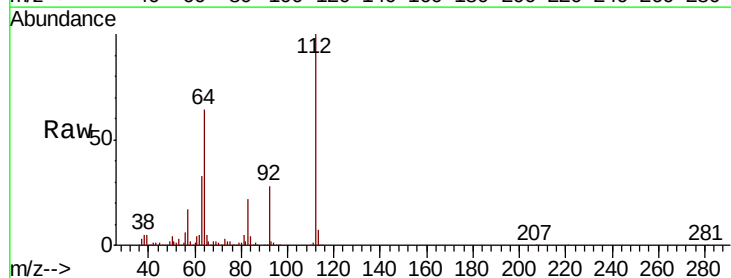
Tot Ion:152 Resp: 327199
Ion Ratio Lower Upper
152 100
150 155.0 127.3 190.9
115 62.6 50.8 76.2

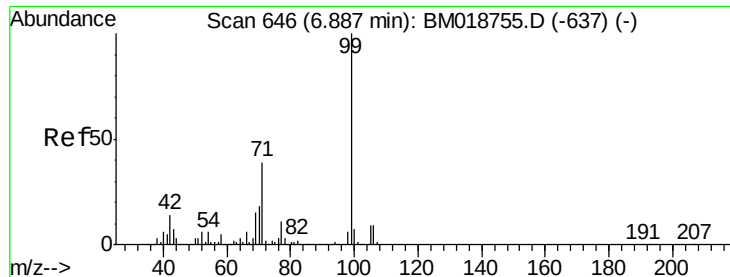


#5

2-Fluorophenol
Concen: 68.066 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM018764.D
Acq: 11 Feb 2019 19:04

Tgt Ion:112 Resp: 1359261
Ion Ratio Lower Upper
112 100
64 63.9 50.6 75.8
63 32.7 25.7 38.5





#7

Phenol-d6

Concen: 40.614 ng

RT: 6.89 min Scan# 646

Delta R.T. 0.00 min

Lab File: BM018764.D

Acq: 11 Feb 2019 19:04

Instrument :

BNA_M

ClientSampled :

B-19-OW

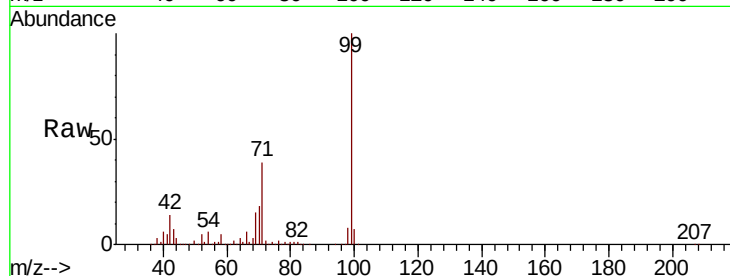
Tot Ion: 99 Resp: 1142573

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

71 39.1 31.3 46.9

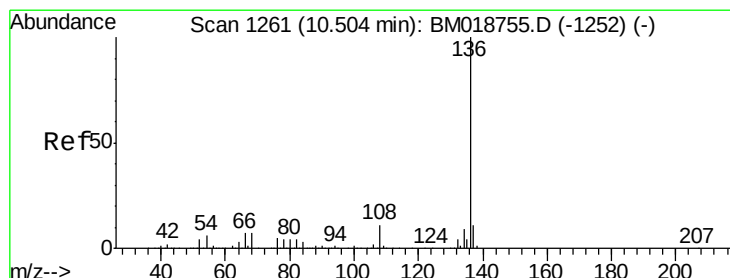
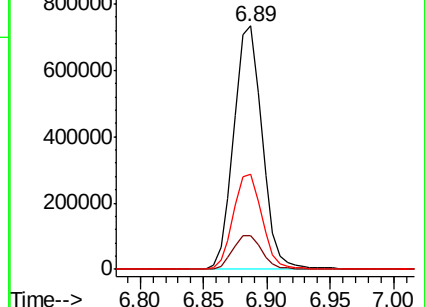
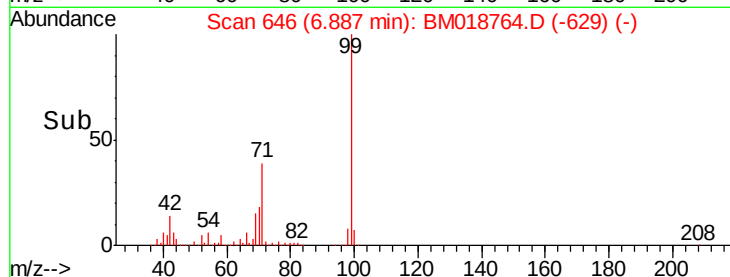


Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BM018764.D

Acq: 11 Feb 2019 19:04

Tgt Ion: 136 Resp: 1273618

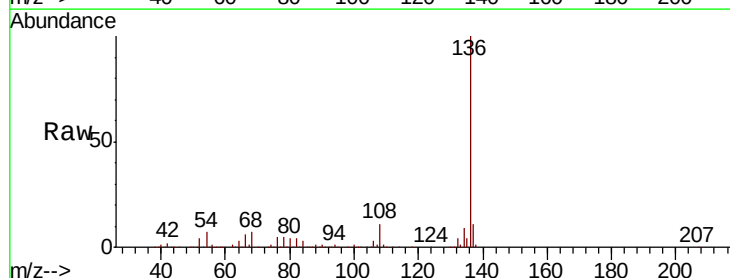
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.6 5.0 7.6

68 7.1 5.5 8.3



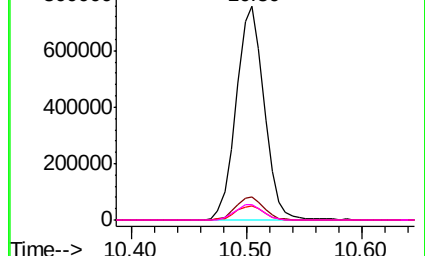
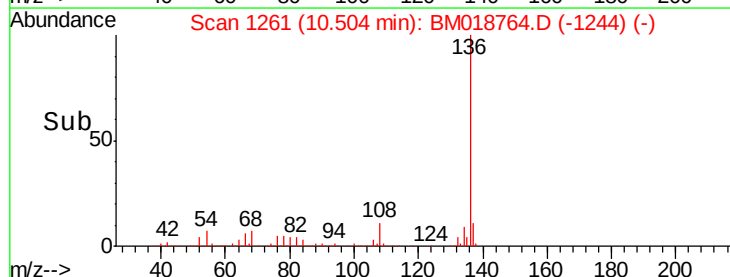
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

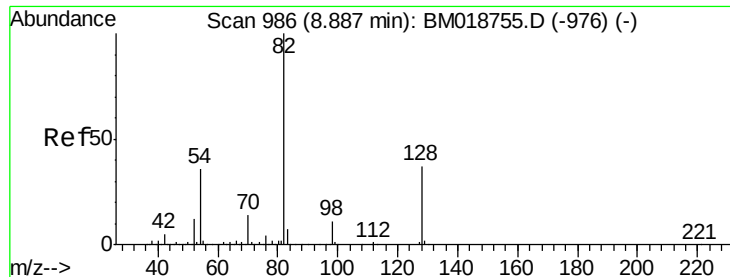
Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

Time-->

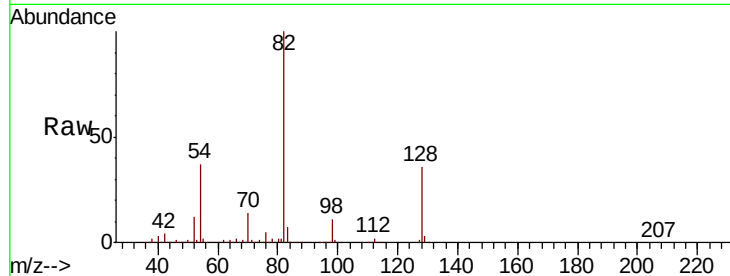




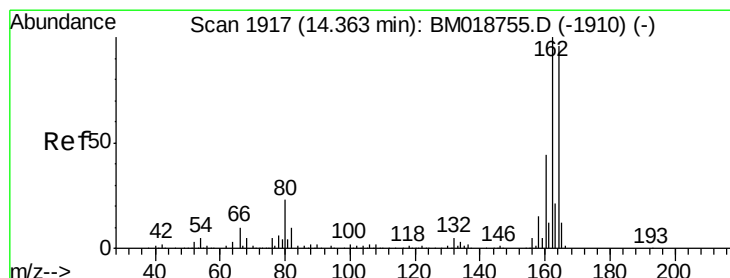
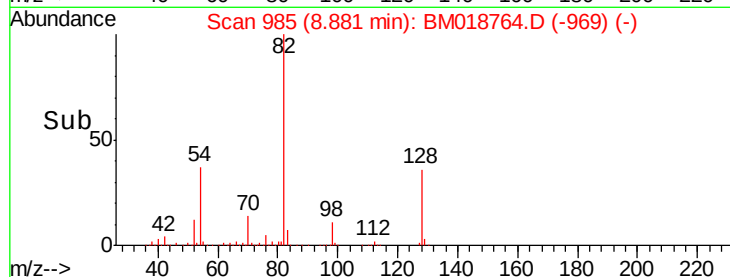
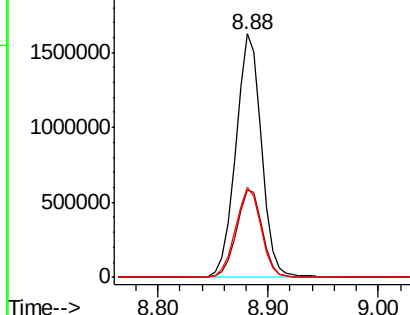
#23
Nitrobenzene-d5
Concen: 96.298 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018764.D
Acq: 11 Feb 2019 19:04

Instrument :
BNA_M
ClientSampleId :
B-19-OW

Tot Ion: 82 Resp: 2652464
Ion Ratio Lower Upper
82 100
128 35.9 29.9 44.9
54 36.7 29.1 43.7

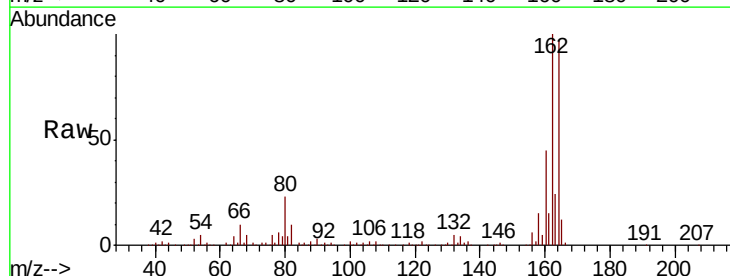


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

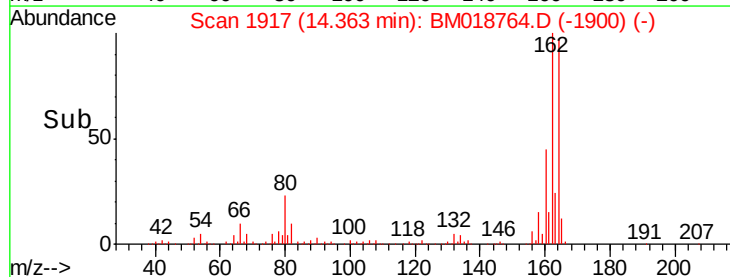
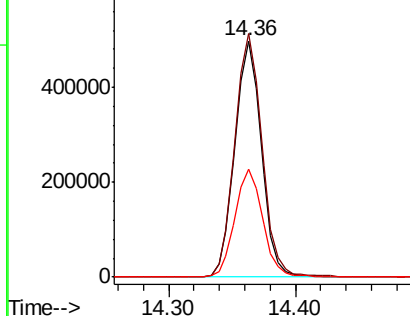


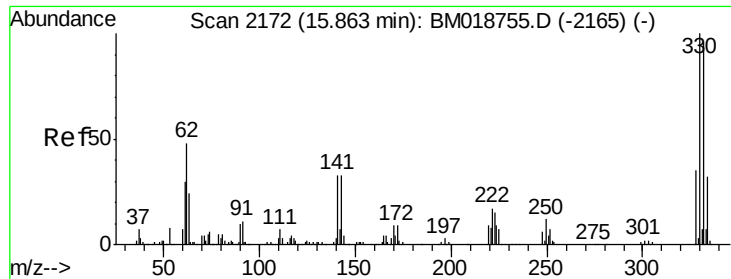
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM018764.D
Acq: 11 Feb 2019 19:04

Tgt Ion:164 Resp: 722998
Ion Ratio Lower Upper
164 100
162 103.2 83.4 125.0
160 46.0 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)
Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)
Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)





#42

2,4,6-Tribromophenol

Concen: 147.294 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018764.D

Acq: 11 Feb 2019 19:04

Instrument :

BNA_M

ClientSampleId :

B-19-OW

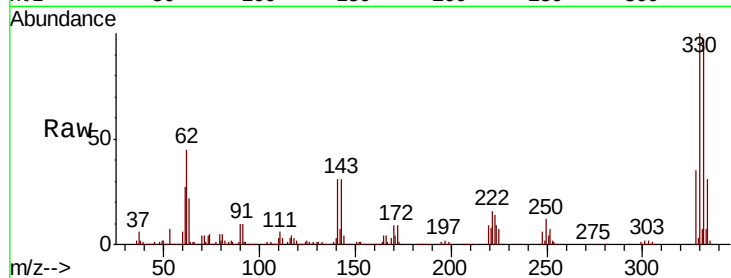
Tot Ion:330 Resp: 1535072

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 35.8 28.7 43.1

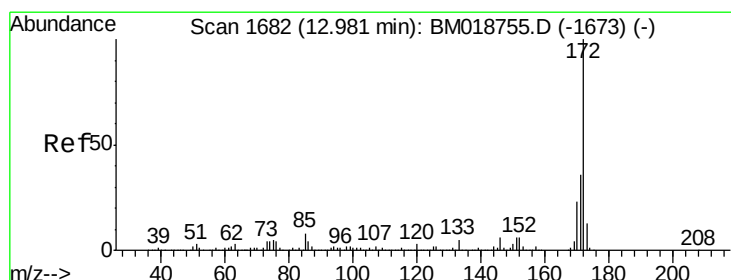
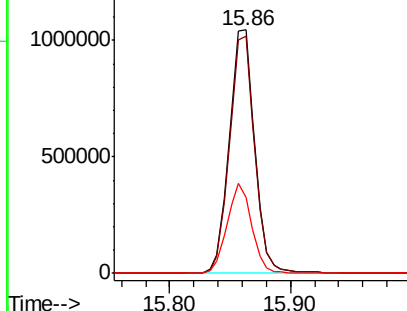
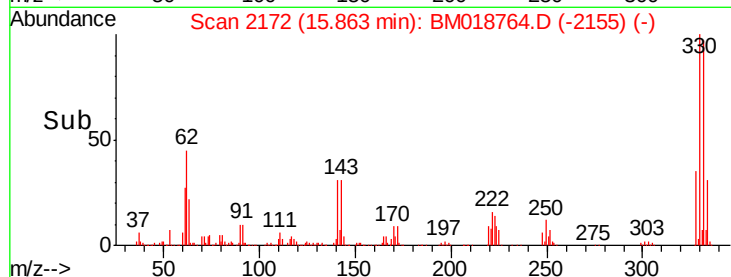


Abundance

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: 96.714 ng

RT: 12.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BM018764.D

Acq: 11 Feb 2019 19:04

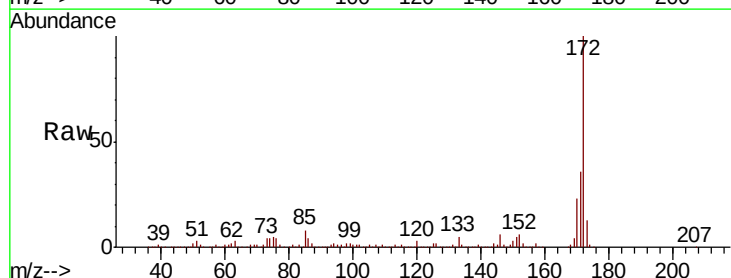
Tgt Ion:172 Resp: 5267447

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.4 18.6 28.0

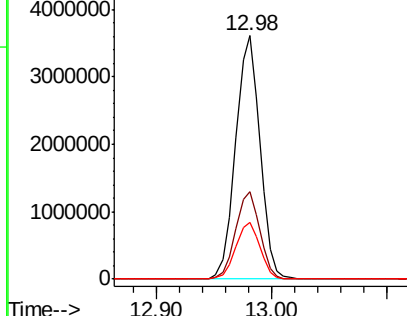
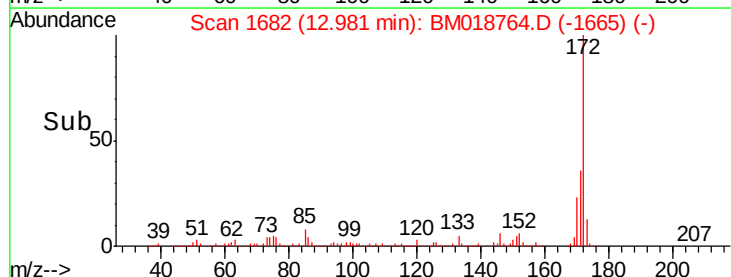


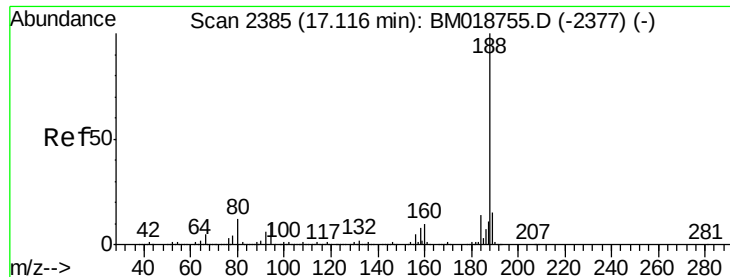
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM018764.D

Acq: 11 Feb 2019 19:04

Instrument :

BNA_M

ClientSampleId :

B-19-OW

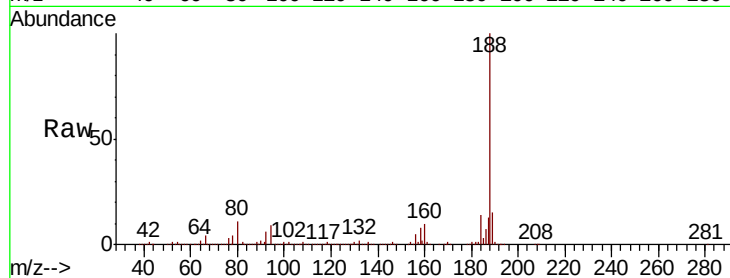
Tot Ion:188 Resp: 1628319

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

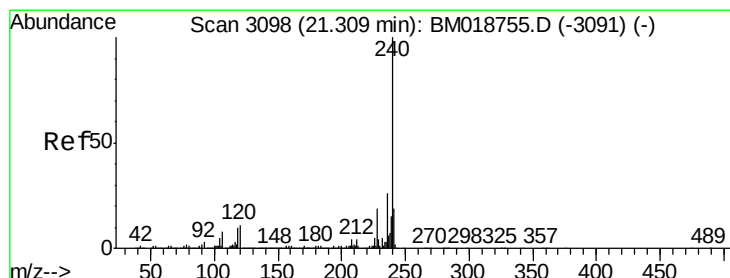
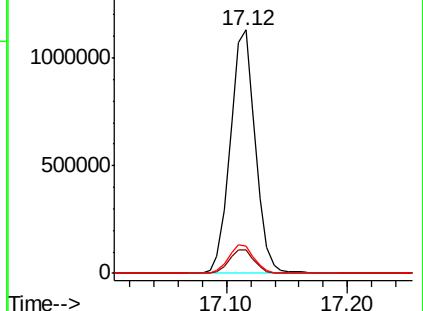
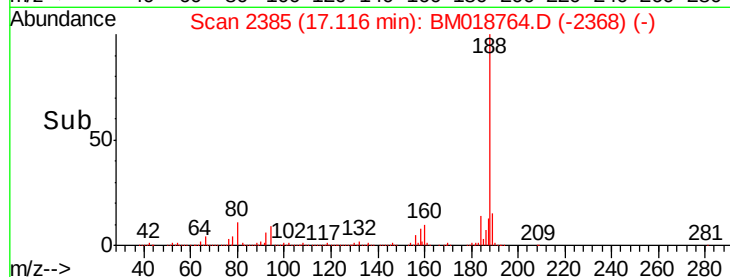
80 11.3 9.7 14.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018764.D

Acq: 11 Feb 2019 19:04

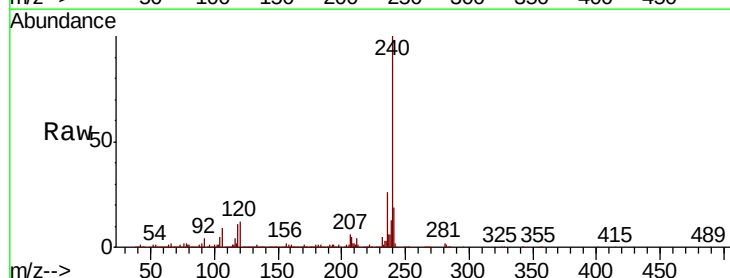
Tgt Ion:240 Resp: 1450201

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

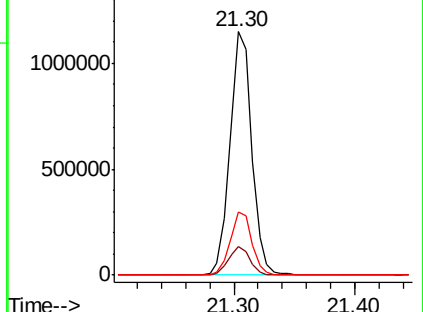
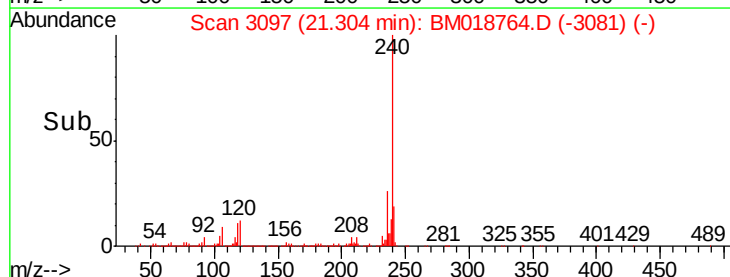
236 25.9 20.9 31.3

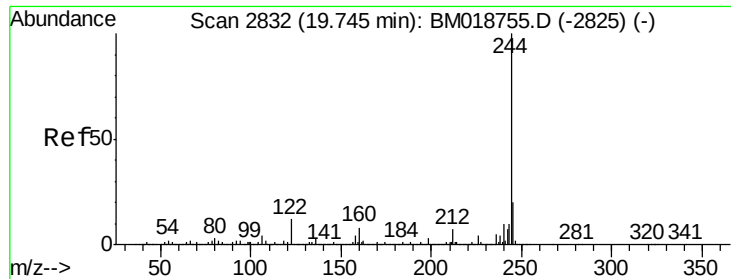


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 112.754 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018764.D

Acq: 11 Feb 2019 19:04

Instrument :

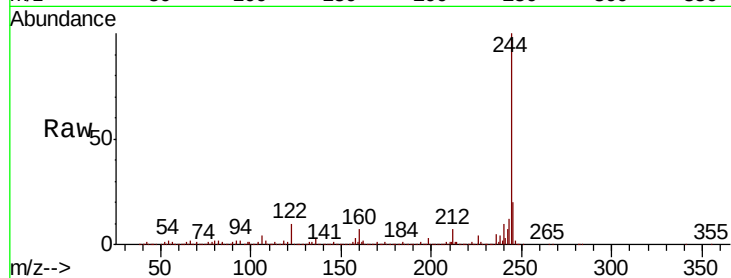
BNA_M

ClientSampleId :

B-19-OW

Tot Ion:244 Resp: 7926529

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.3	9.3	13.9

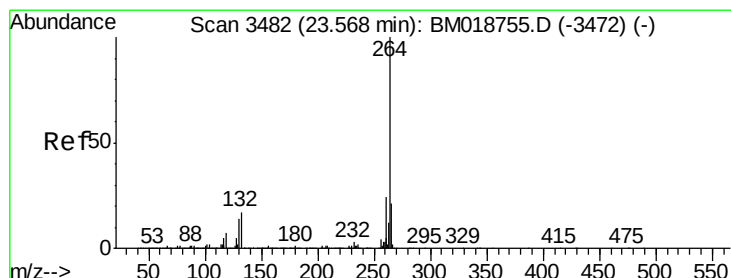
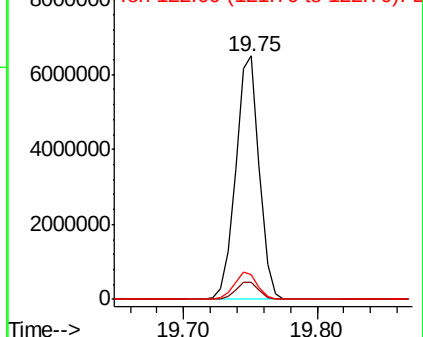
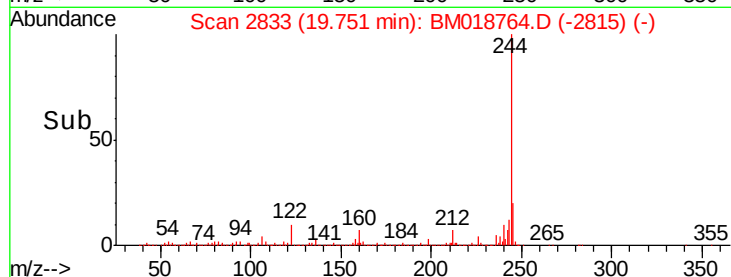


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3482

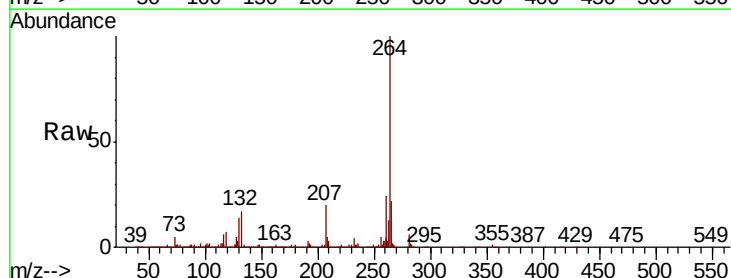
Delta R.T. 0.00 min

Lab File: BM018764.D

Acq: 11 Feb 2019 19:04

Tgt Ion:264 Resp: 1284242

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	22.1	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

