

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018786.D
 Acq On : 12 Feb 2019 23:20
 Operator : JU/SJ
 Sample : K1460-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-20190208

Quant Time: Feb 13 03:12:22 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	7.71	152	346354	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1402905	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	845707	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	2018272	20.00	ng	0.00
76) Chrysene-d12	21.31	240	2145146	20.00	ng	0.00
87) Perylene-d12	23.57	264	2017985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1195474	56.55	ng	0.00
7) Phenol-d6	6.89	99	980420	32.92	ng	0.00
23) Nitrobenzene-d5	8.88	82	2715576	89.50	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1745782	143.21	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5489289	86.16	ng	0.00
79) Terphenyl-d14	19.75	244	10062087	96.76	ng	0.00

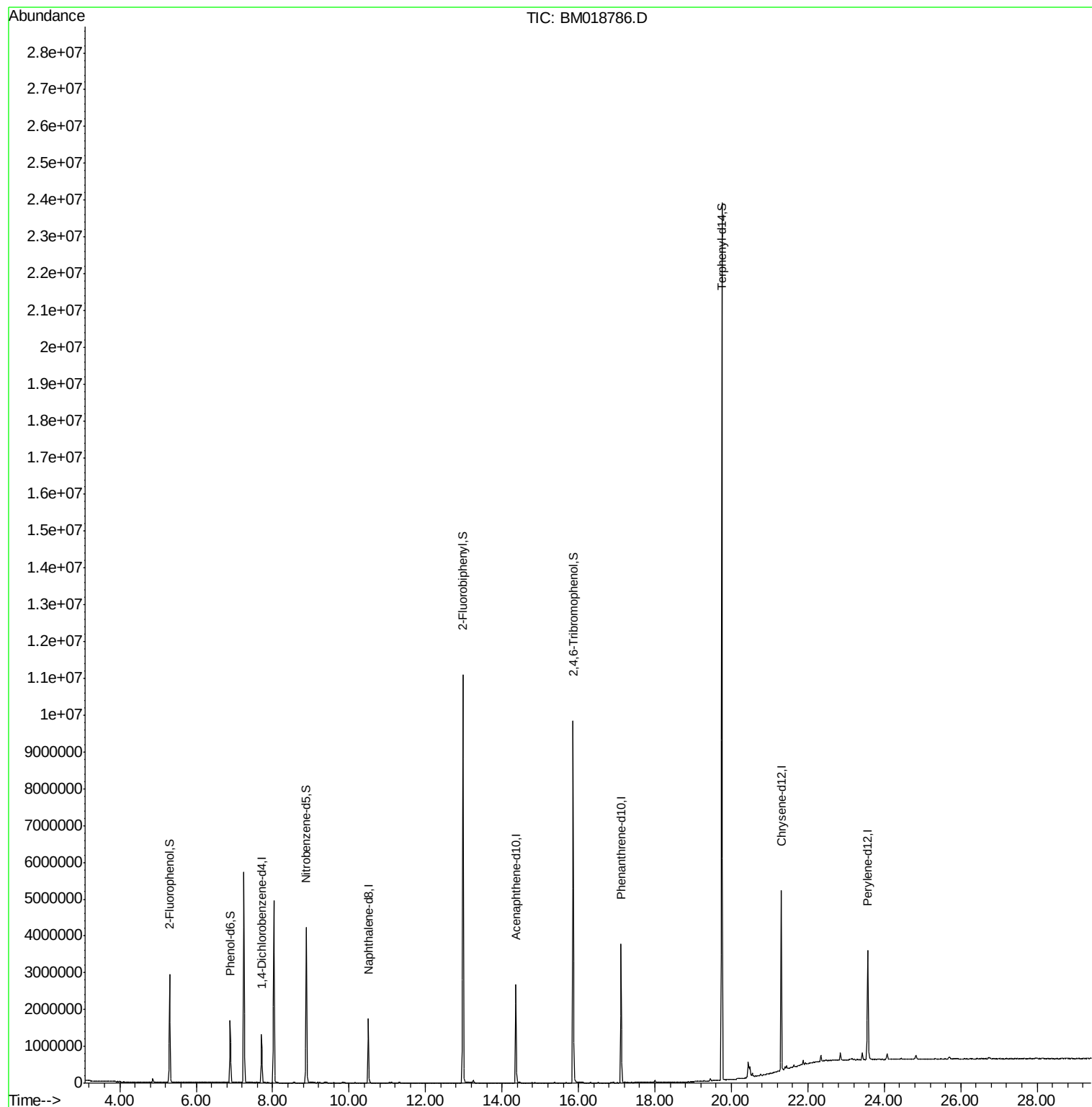
Target Compounds Qvalue

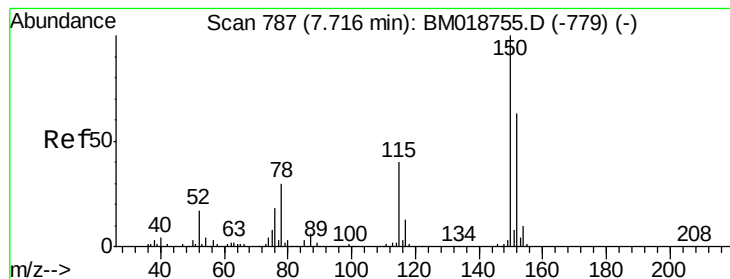
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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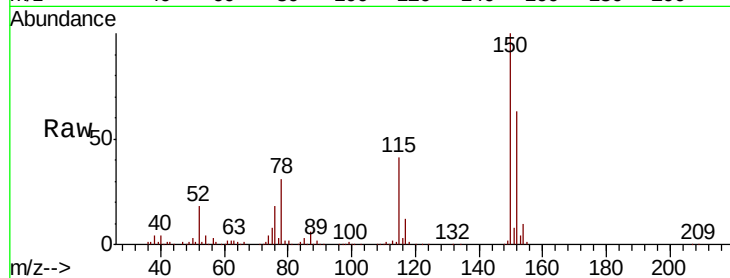


#1

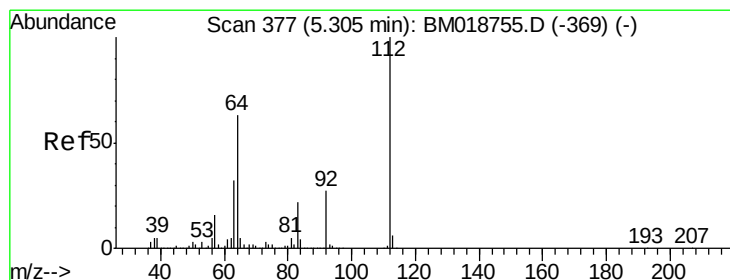
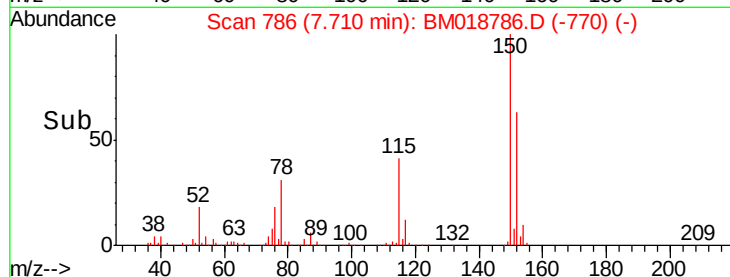
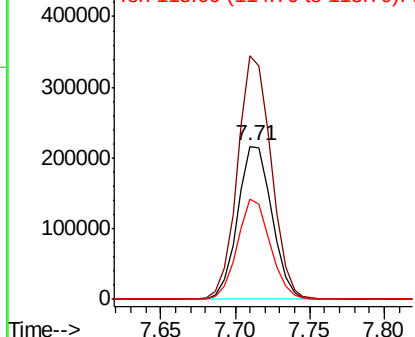
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018786.D
Acq: 12 Feb 2019 23:20

Instrument :
BNA_M
ClientSampleId :
FB-20190208

Tot Ion:152 Resp: 346354
Ion Ratio Lower Upper
152 100
150 159.3 127.3 190.9
115 65.8 50.8 76.2



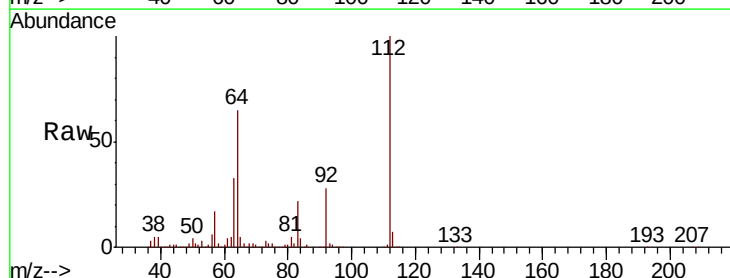
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



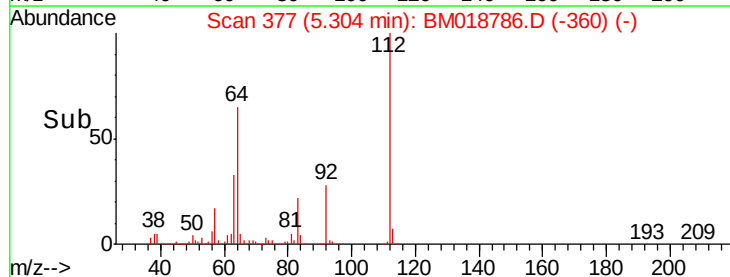
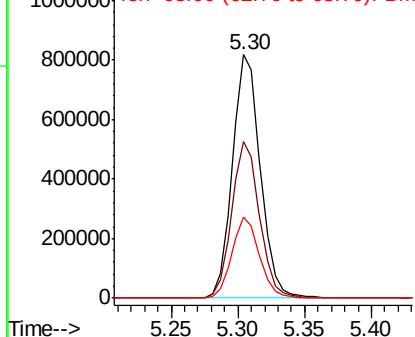
#5

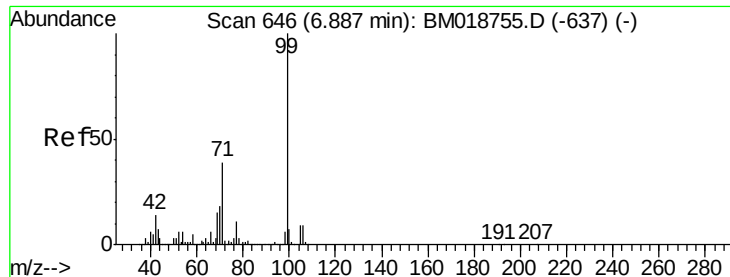
2-Fluorophenol
Concen: 56.554 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018786.D
Acq: 12 Feb 2019 23:20

Tgt Ion:112 Resp: 1195474
Ion Ratio Lower Upper
112 100
64 64.5 50.6 75.8
63 33.3 25.7 38.5



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





#7

Phenol-d6

Concen: 32.923 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018786.D

Acq: 12 Feb 2019 23:20

Instrument :

BNA_M

ClientSampleId :

FB-20190208

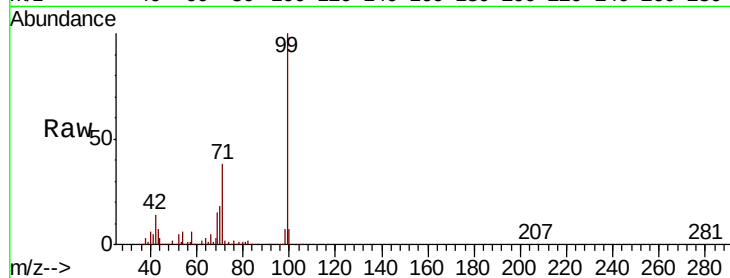
Tot Ion: 99 Resp: 980420

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 38.4 31.3 46.9

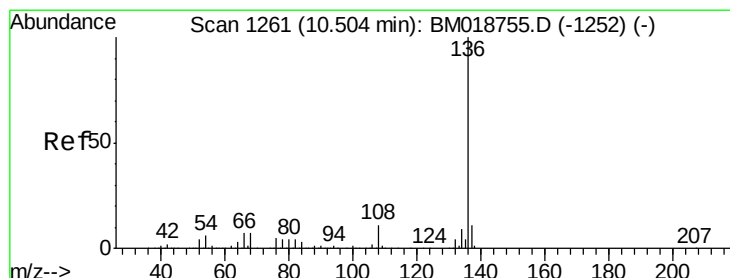
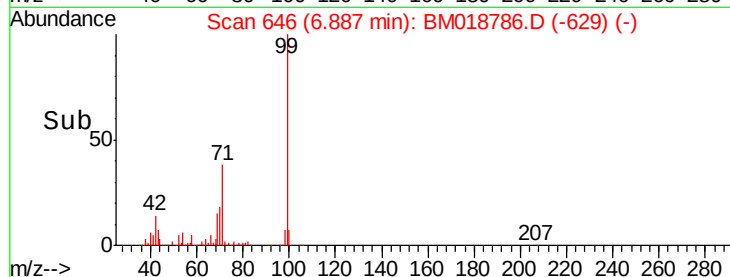
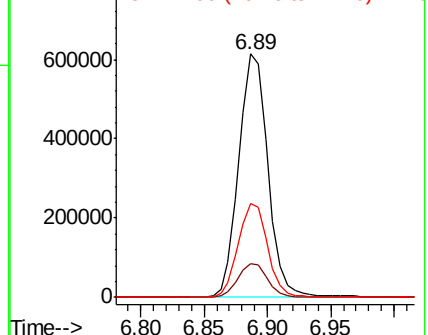


Abundance

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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018786.D

Acq: 12 Feb 2019 23:20

Tgt Ion: 136 Resp: 1402905

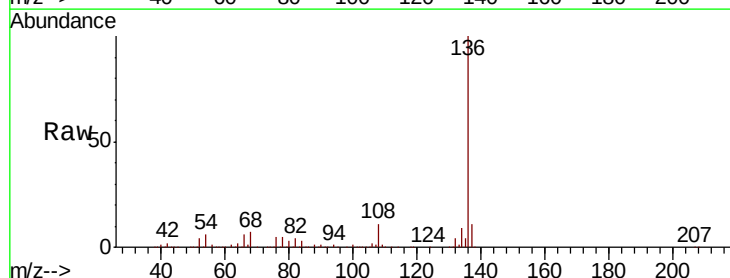
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.2 5.0 7.6

68 6.7 5.5 8.3



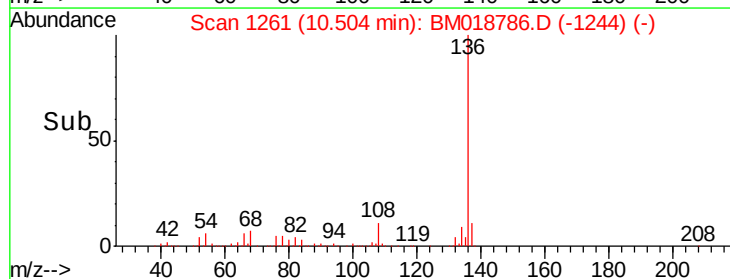
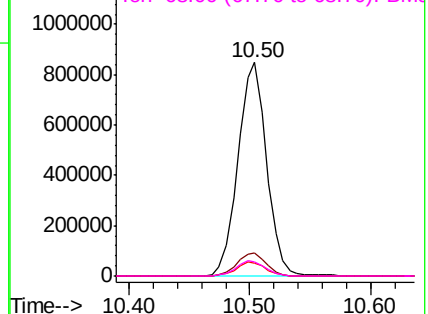
Abundance

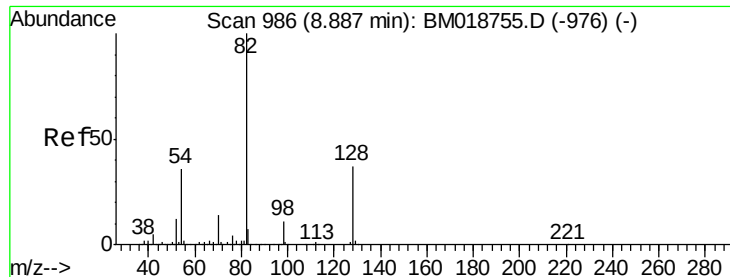
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

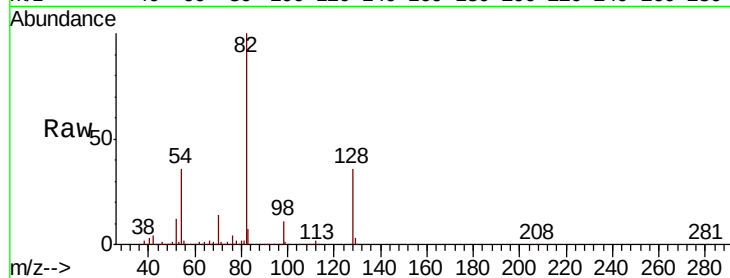




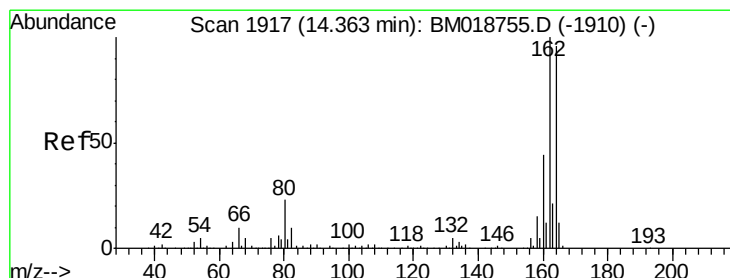
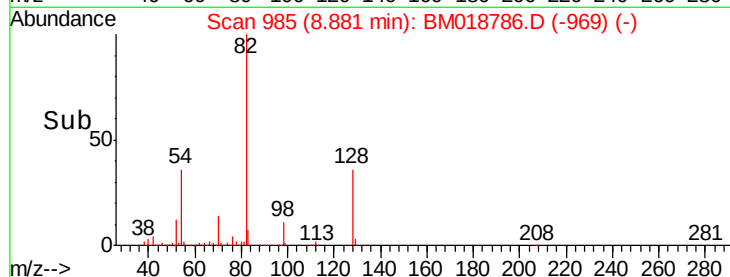
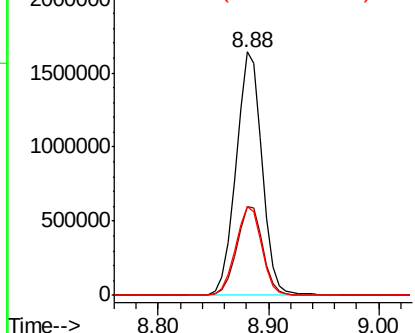
#23
 Nitrobenzene-d5
 Concen: 89.503 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018786.D
 Acq: 12 Feb 2019 23:20

Instrument :
 BNA_M
 ClientSampleId :
 FB-20190208

Tot Ion: 82 Resp: 2715576
 Ion Ratio Lower Upper
 82 100
 128 36.2 29.9 44.9
 54 36.5 29.1 43.7

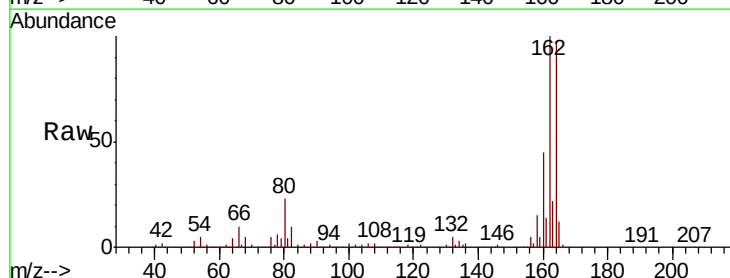


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

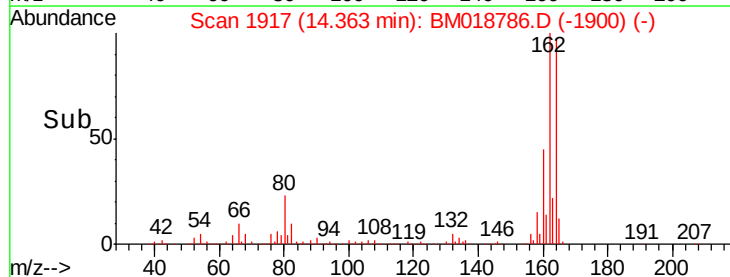
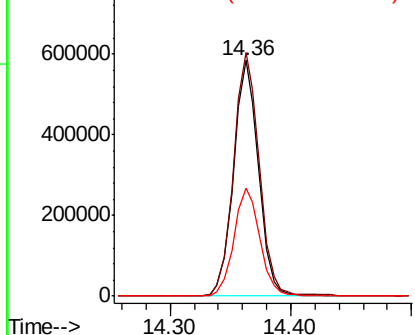


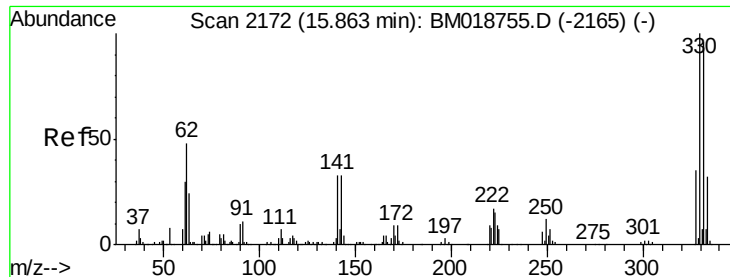
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM018786.D
 Acq: 12 Feb 2019 23:20

Tgt Ion:164 Resp: 845707
 Ion Ratio Lower Upper
 164 100
 162 103.3 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) (-)

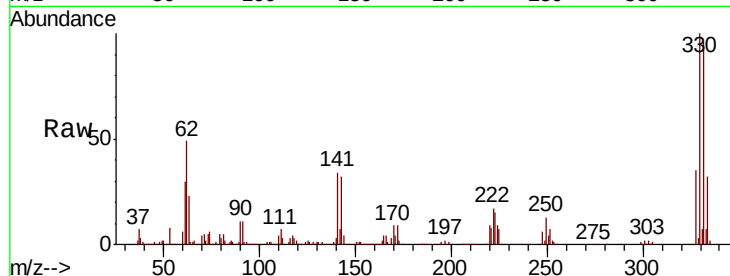




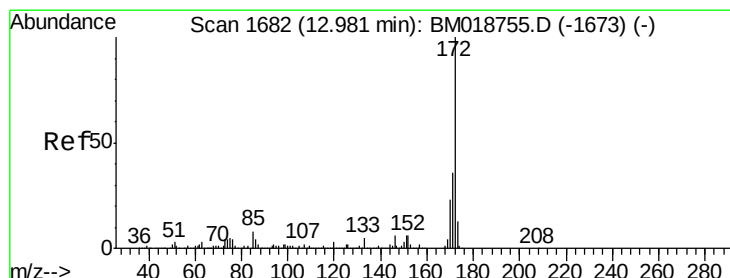
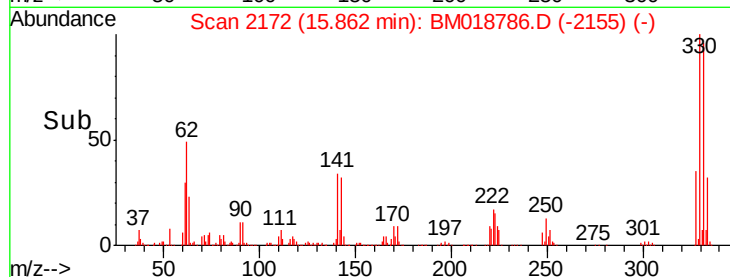
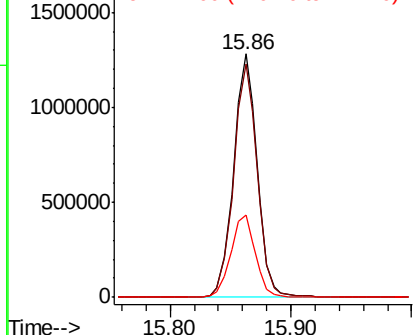
#42
 2,4,6-Tribromophenol
 Concen: 143.207 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM018786.D
 Acq: 12 Feb 2019 23:20

Instrument :
 BNA_M
 ClientSampleId :
 FB-20190208

Tot Ion:330 Resp: 1745782
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 35.3 28.7 43.1

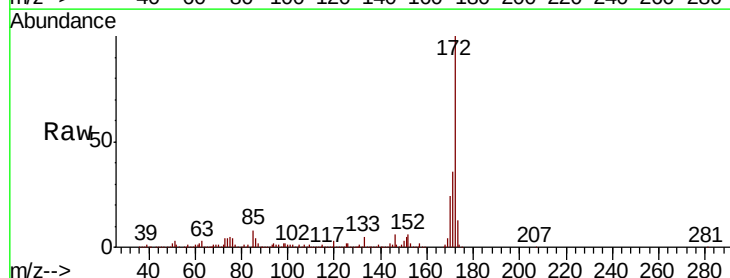


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

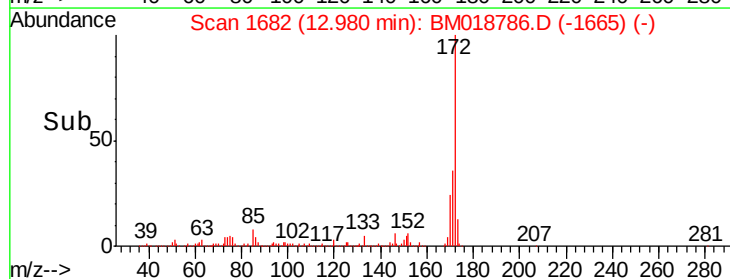
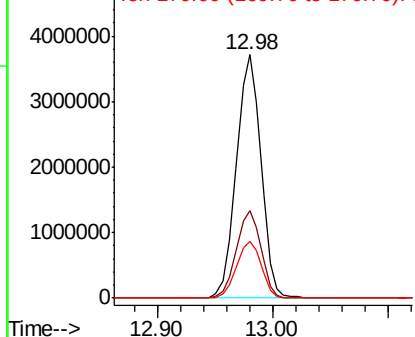


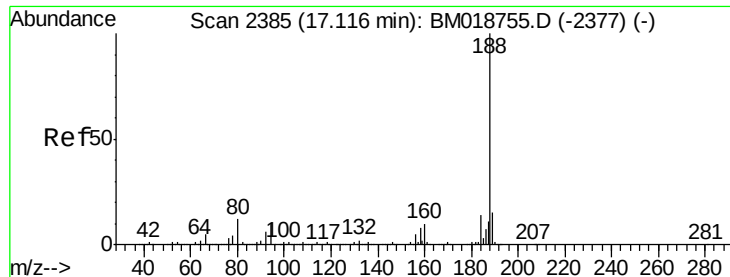
#45
 2-Fluorobiphenyl
 Concen: 86.163 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018786.D
 Acq: 12 Feb 2019 23:20

Tgt Ion:172 Resp: 5489289
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.5 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: BM018786.D

Acq: 12 Feb 2019 23:20

Instrument :

BNA_M

ClientSampleId :

FB-20190208

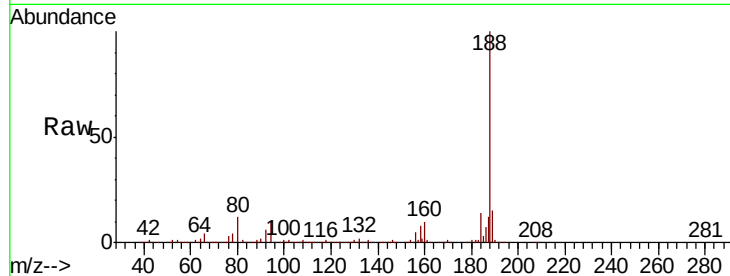
Tot Ion:188 Resp: 2018272

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

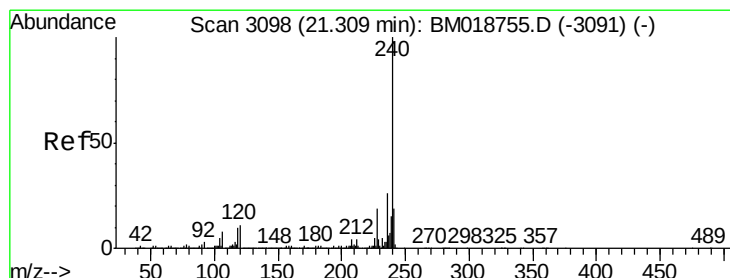
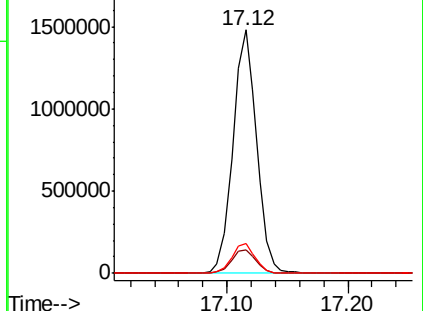
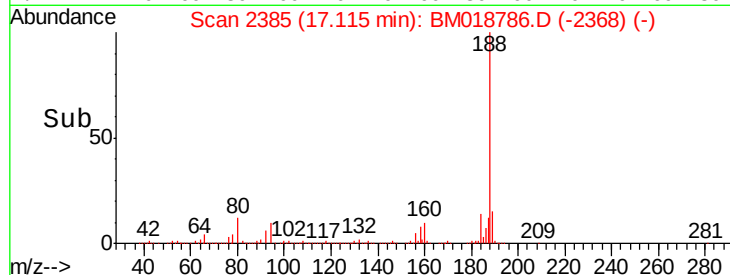
80 12.1 9.7 14.5



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: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM018786.D

Acq: 12 Feb 2019 23:20

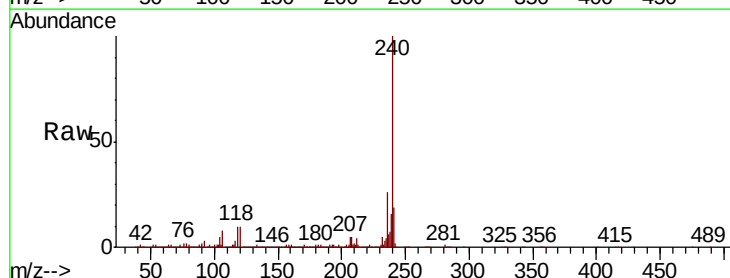
Tgt Ion:240 Resp: 2145146

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

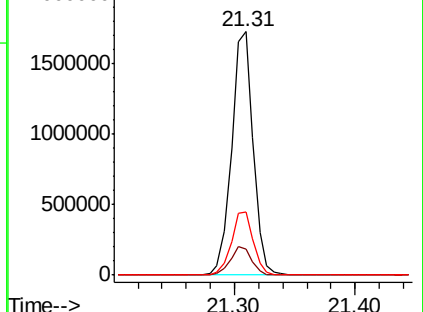
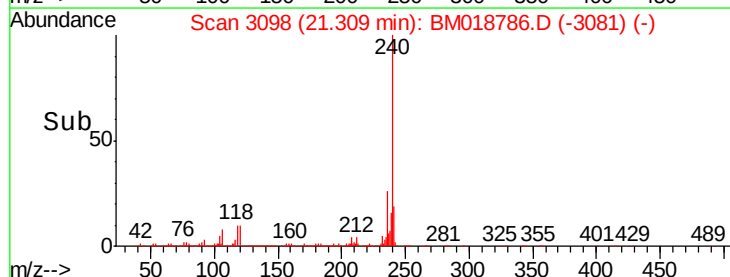
236 26.1 20.9 31.3

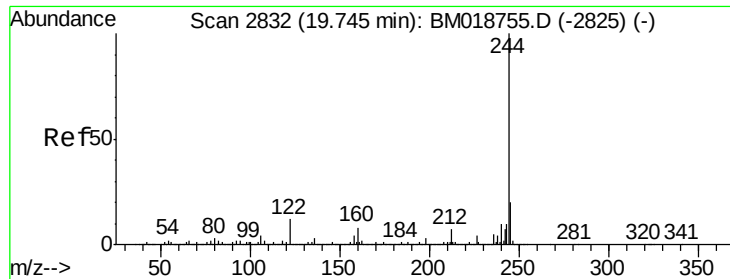


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.763 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018786.D

Acq: 12 Feb 2019 23:20

Instrument :

BNA_M

ClientSampleId :

FB-20190208

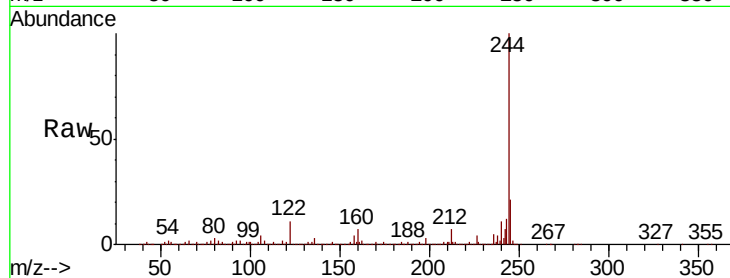
Tot Ion:244 Resp:10062087

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

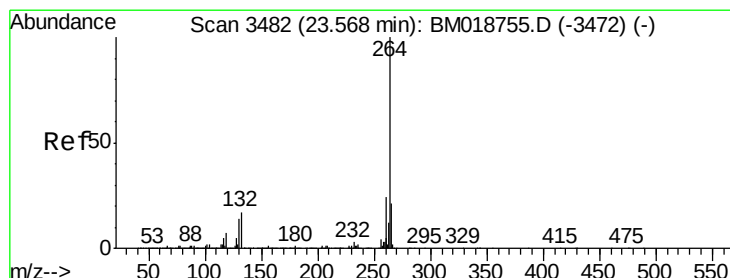
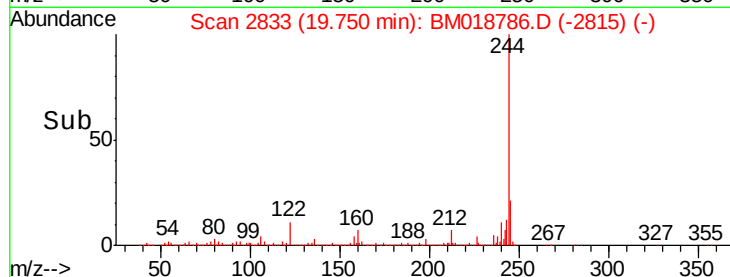
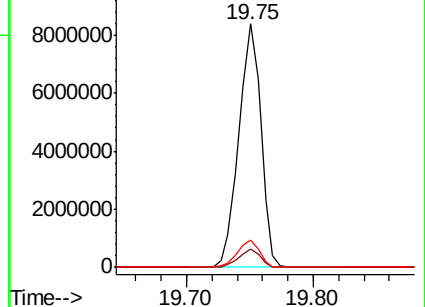
122 11.3 9.3 13.9



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: BM018786.D

Acq: 12 Feb 2019 23:20

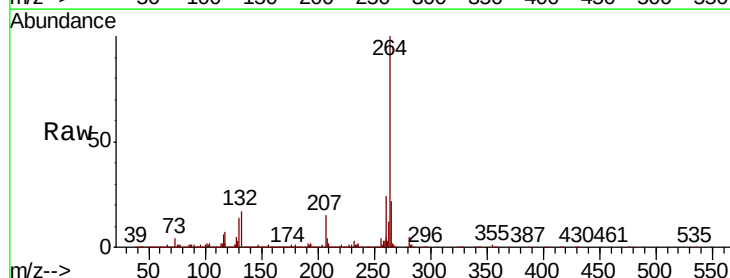
Tgt Ion:264 Resp: 2017985

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

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

