

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018790.D
 Acq On : 13 Feb 2019 01:49
 Operator : JU/SJ
 Sample : K1461-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-3

Quant Time: Feb 13 06:37:00 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

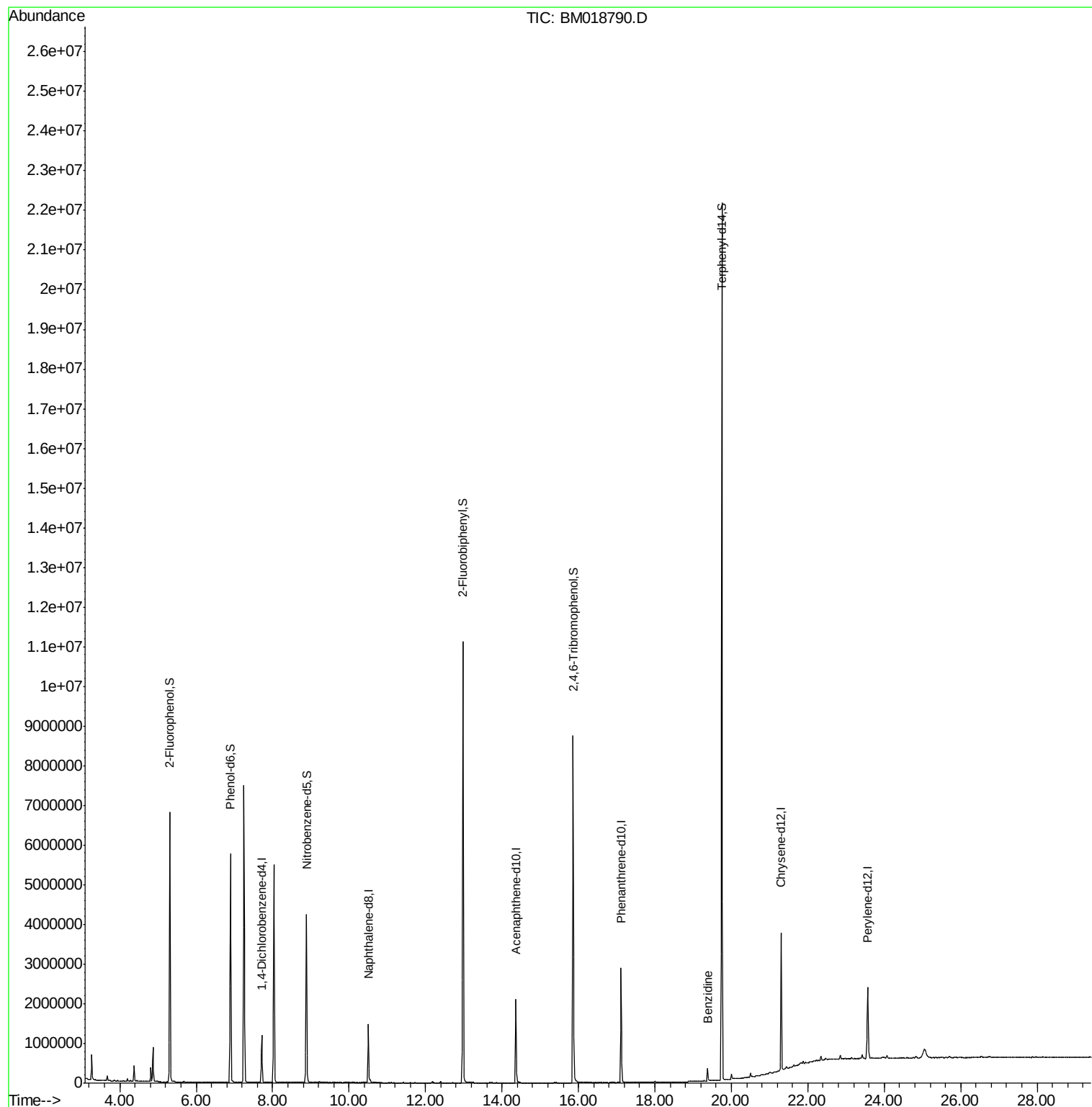
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	305202	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1194384	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	681575	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1599282	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1528898	20.00	ng	0.00
87) Perylene-d12	23.57	264	1289940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2663157	142.97	ng	0.00
7) Phenol-d6	6.89	99	3286215	125.23	ng	0.00
23) Nitrobenzene-d5	8.89	82	2759116	106.81	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1619510	164.84	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5406056	105.29	ng	0.00
79) Terphenyl-d14	19.75	244	9221660	124.43	ng	0.00
Target Compounds						
77) Benzidine	19.38	184	190488	5.532	ng	98

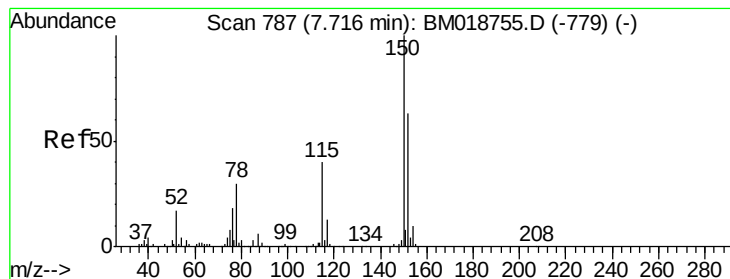
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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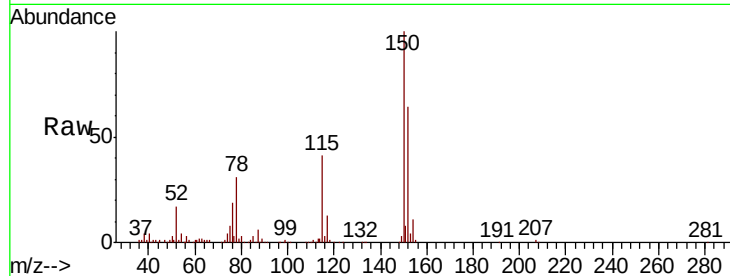


#1

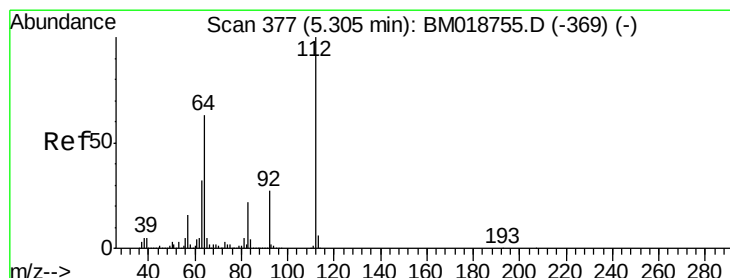
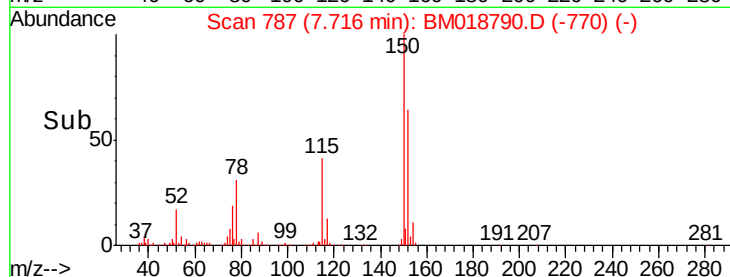
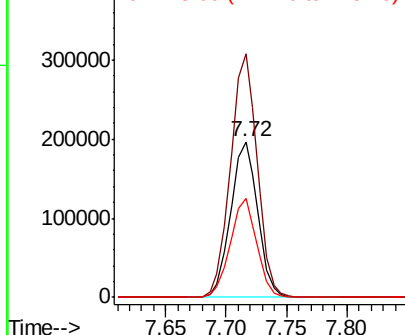
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BM018790.D
 Acq: 13 Feb 2019 01:49

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-3

Tot Ion:152 Resp: 305202
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.3 190.9
 115 63.9 50.8 76.2



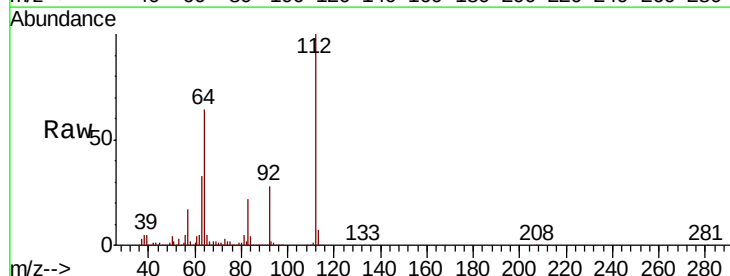
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



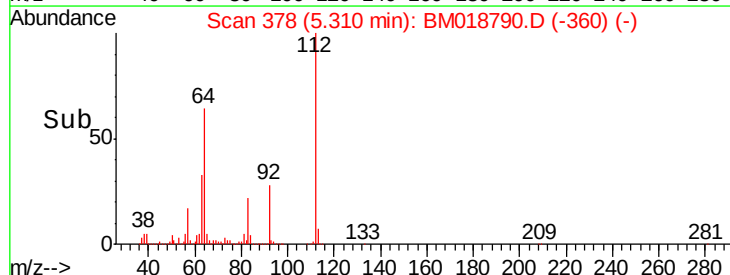
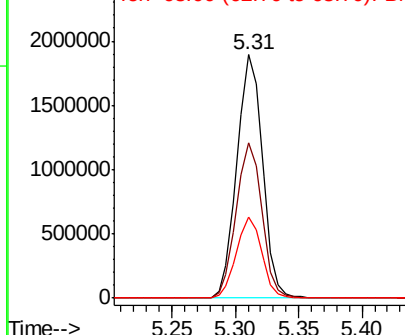
#5

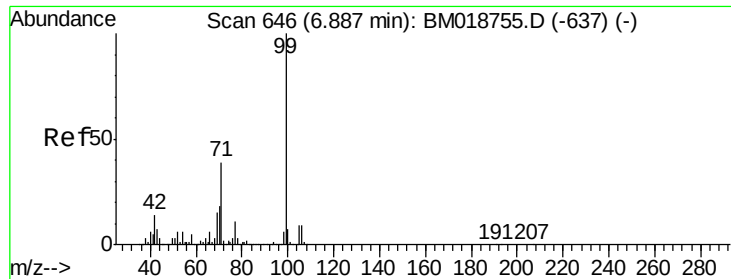
2-Fluorophenol
 Concen: 142.971 ng
 RT: 5.31 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: BM018790.D
 Acq: 13 Feb 2019 01:49

Tgt Ion:112 Resp: 2663157
 Ion Ratio Lower Upper
 112 100
 64 63.8 50.6 75.8
 63 33.2 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: 125.231 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018790.D

Acq: 13 Feb 2019 01:49

Instrument :

BNA_M

ClientSampled :

TEST-PIT-3

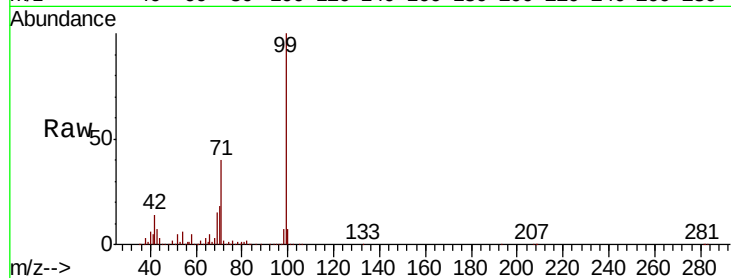
Tot Ion: 99 Resp: 3286215

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

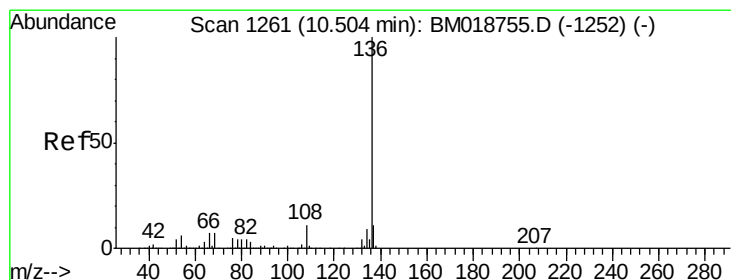
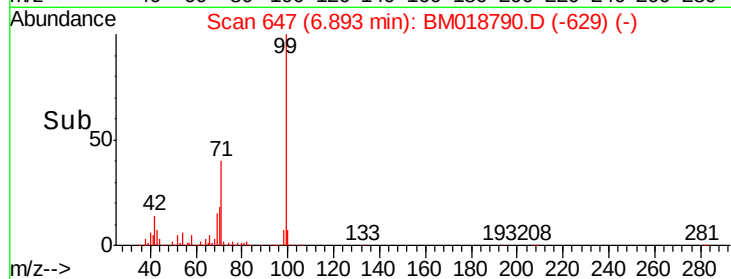
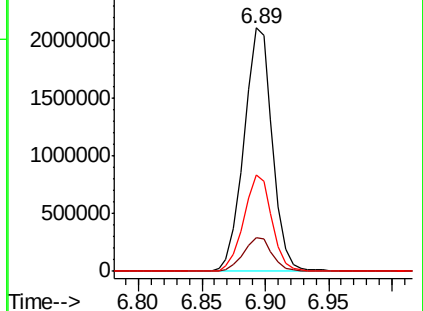
71 39.6 31.3 46.9



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: BM018790.D

Acq: 13 Feb 2019 01:49

Tgt Ion: 136 Resp: 1194384

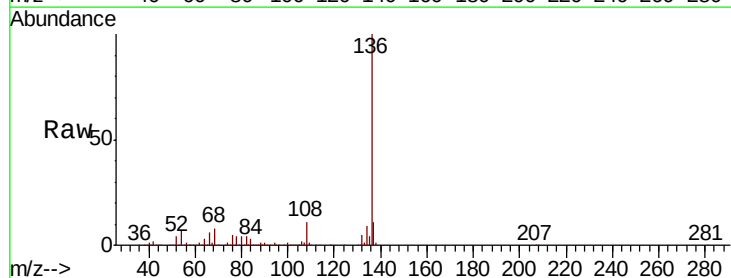
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.9 5.0 7.6

68 7.6 5.5 8.3

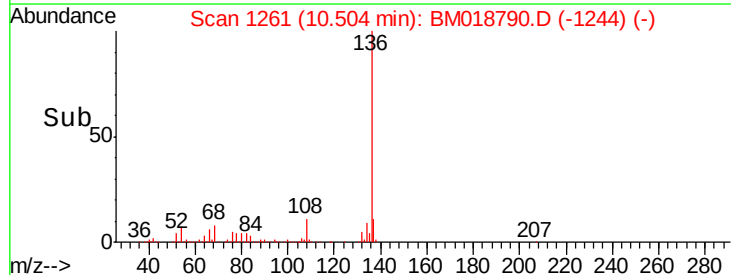
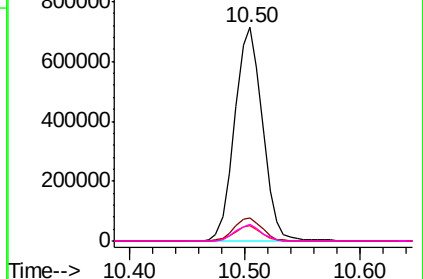


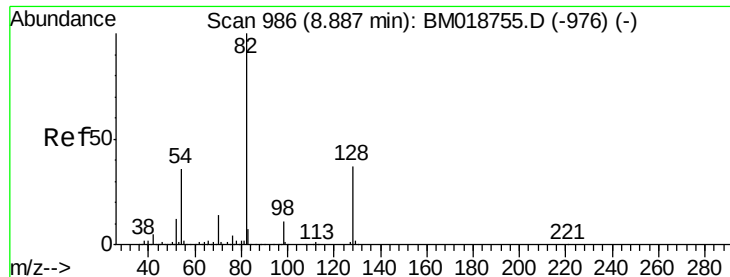
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)



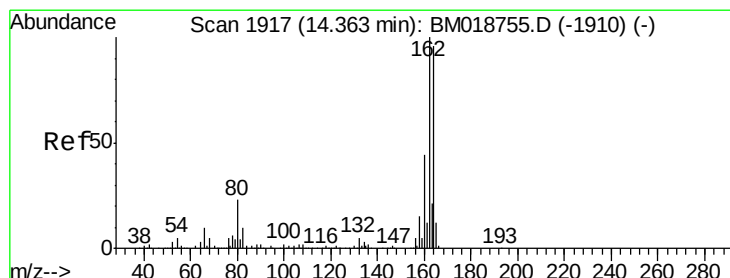
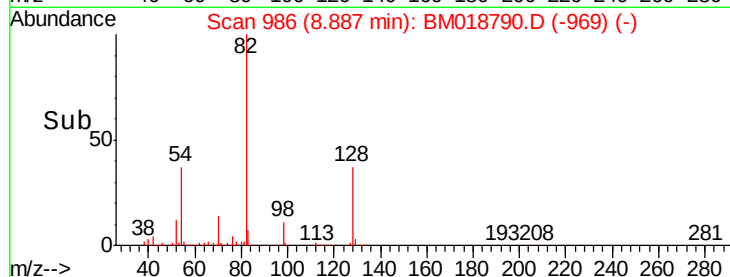
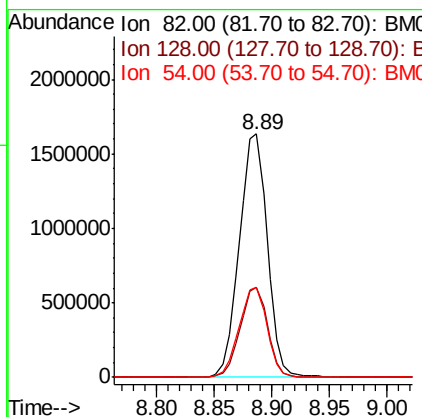
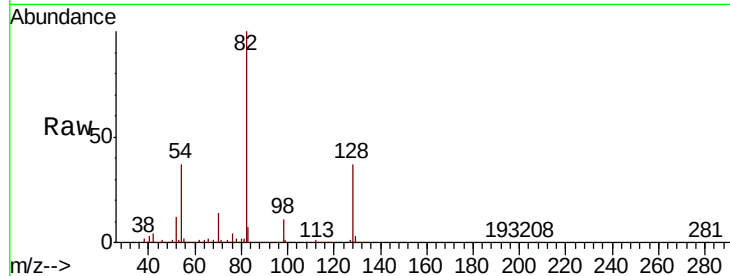


#23
 Nitrobenzene-d5
 Concen: 106.815 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BM018790.D
 Acq: 13 Feb 2019 01:49

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-3

Tot Ion: 82 Resp: 2759116

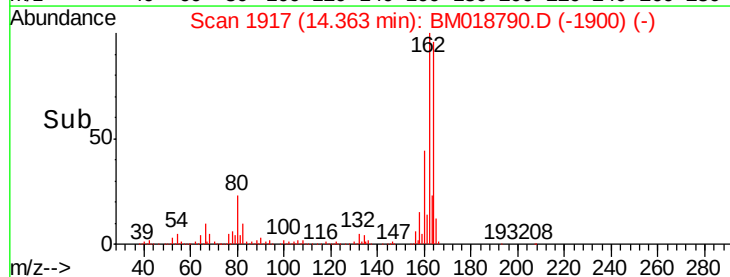
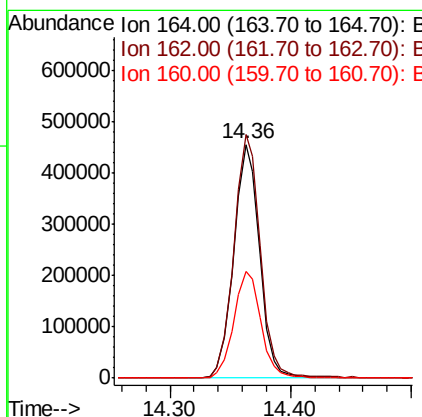
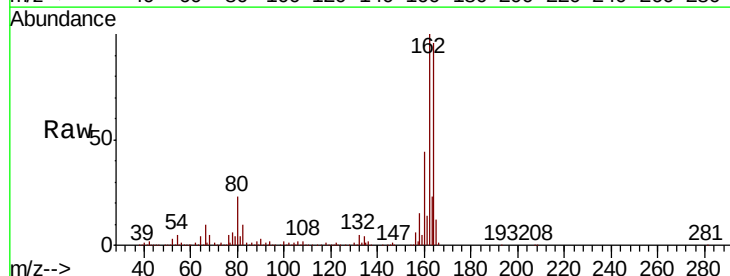
Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.9	44.9
54	36.8	29.1	43.7

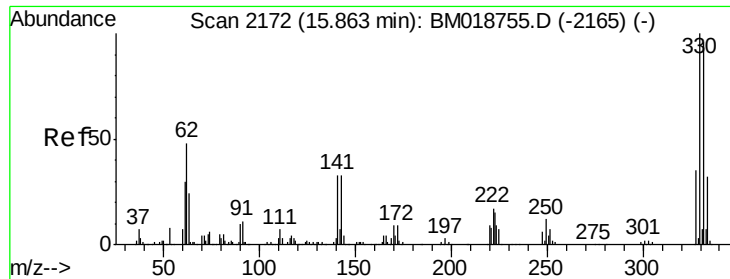


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM018790.D
 Acq: 13 Feb 2019 01:49

Tgt Ion: 164 Resp: 681575

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.4	125.0
160	45.5	36.6	55.0

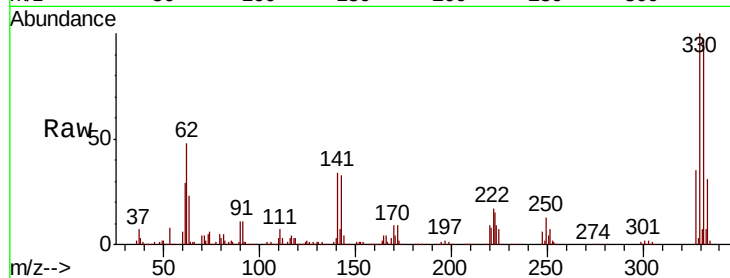




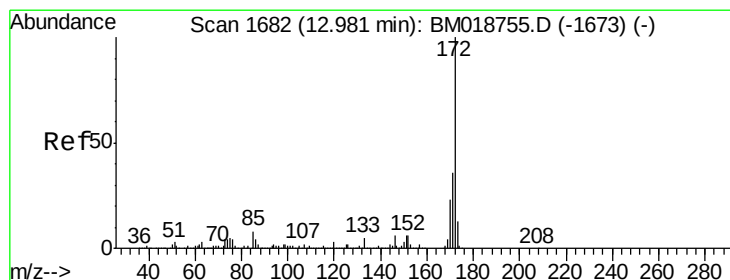
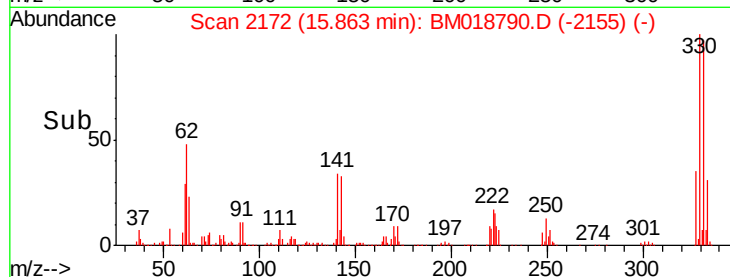
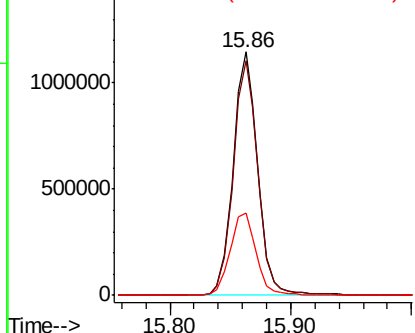
#42
 2,4,6-Tribromophenol
 Concen: 164.840 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM018790.D
 Acq: 13 Feb 2019 01:49

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-3

Tot Ion:330 Resp: 1619510
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.9 115.3
 141 36.0 28.7 43.1

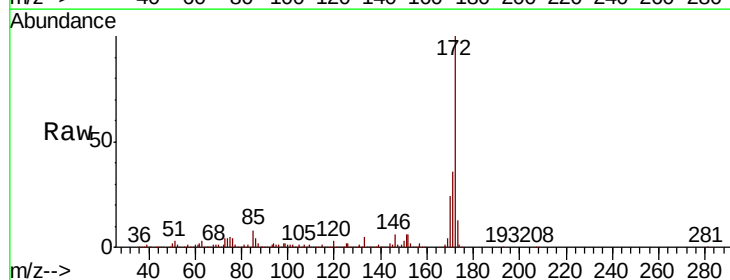


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

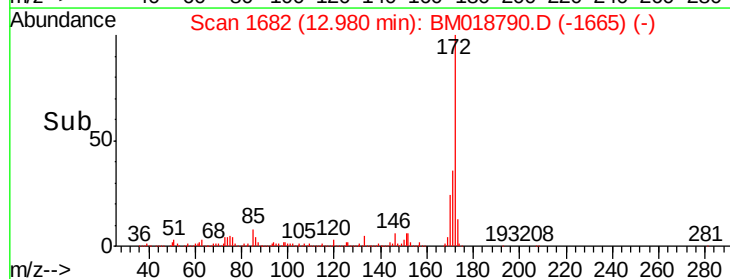
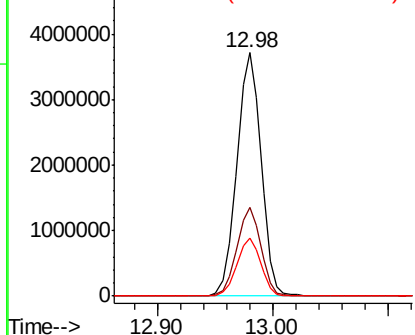


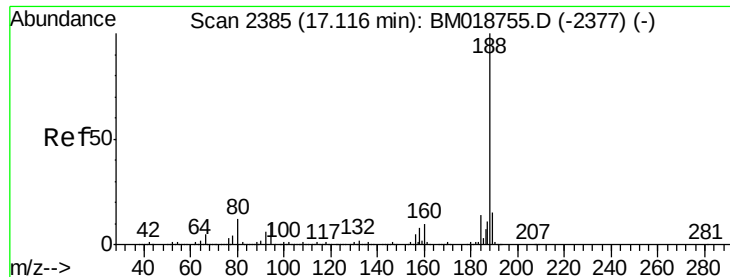
#45
 2-Fluorobiphenyl
 Concen: 105.292 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018790.D
 Acq: 13 Feb 2019 01:49

Tgt Ion:172 Resp: 5406056
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 23.7 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

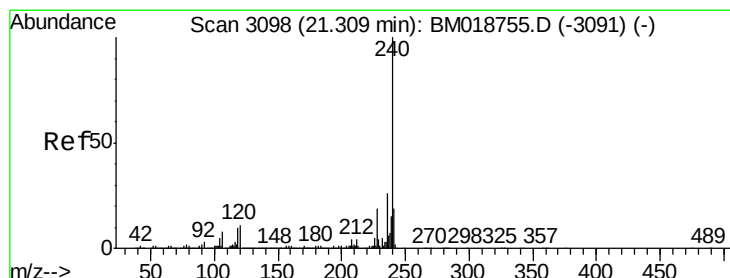
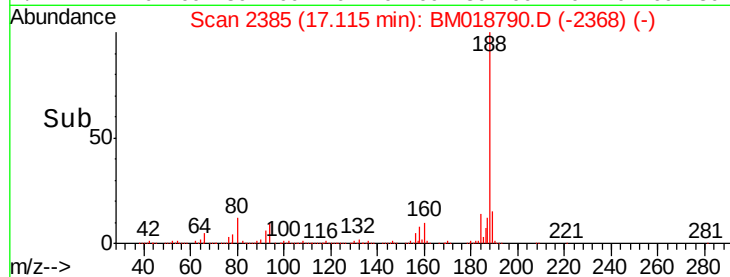
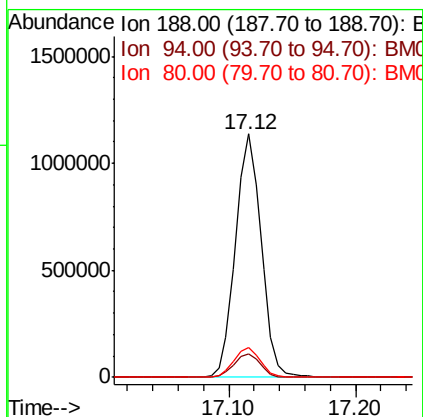
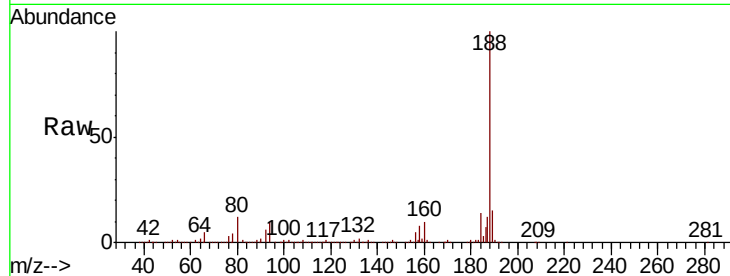




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018790.D
Acq: 13 Feb 2019 01:49

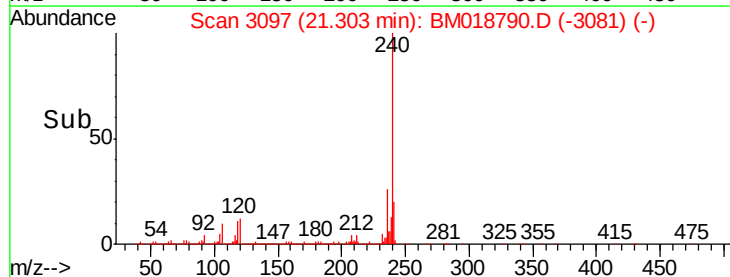
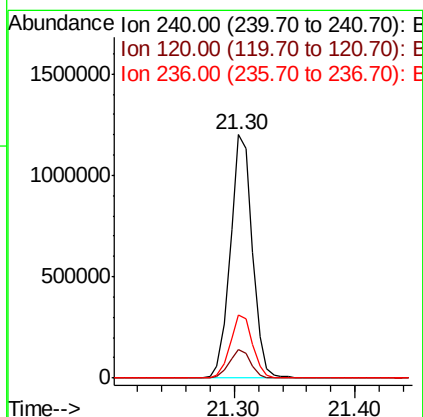
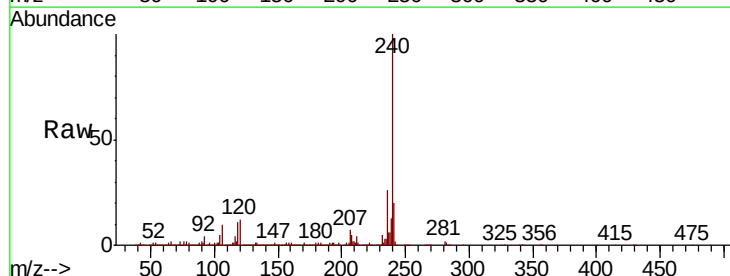
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-3

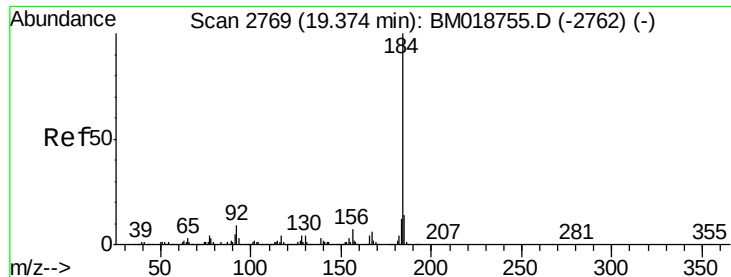
Tot Ion:188 Resp: 1599282
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018790.D
Acq: 13 Feb 2019 01:49

Tgt Ion:240 Resp: 1528898
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.9 20.9 31.3





#77

Benzidine

Concen: 5.532 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018790.D

Acq: 13 Feb 2019 01:49

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-3

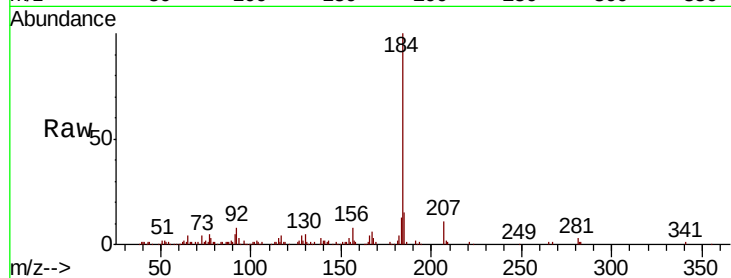
Tot Ion:184 Resp: 190488

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

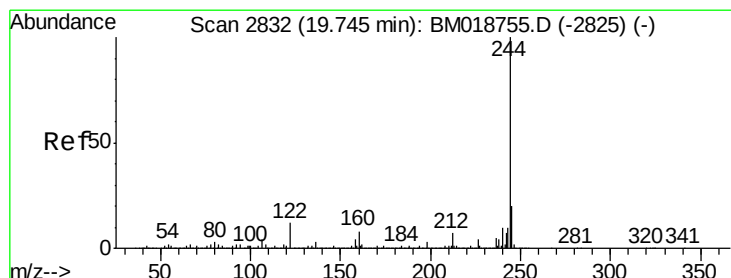
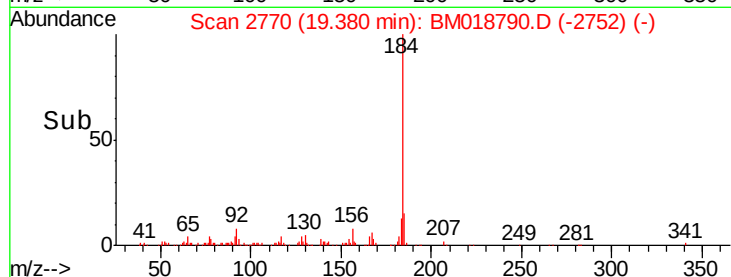
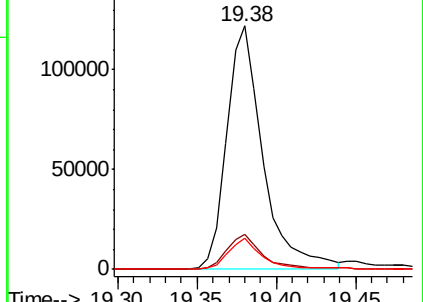
183 13.0 9.7 14.5



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



#79

Terphenyl-d14

Concen: 124.425 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018790.D

Acq: 13 Feb 2019 01:49

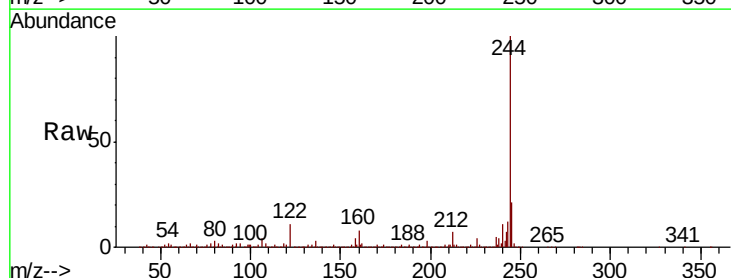
Tgt Ion:244 Resp: 9221660

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

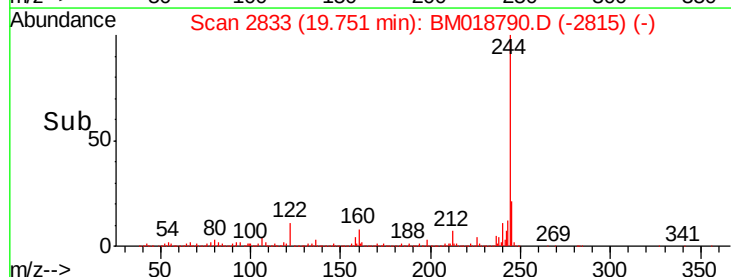
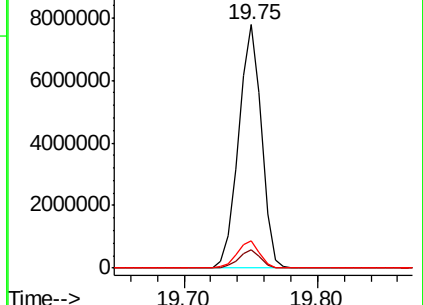
122 11.5 9.3 13.9

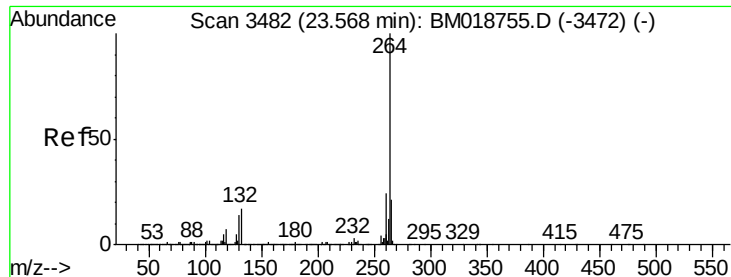


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BM018790.D
Acq: 13 Feb 2019 01:49

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-3

Tot Ion:264 Resp: 1289940

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.2	17.3	25.9

