

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018791.D
 Acq On : 13 Feb 2019 02:25
 Operator : JU/SJ
 Sample : K1461-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-4

Quant Time: Feb 13 06:27:46 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

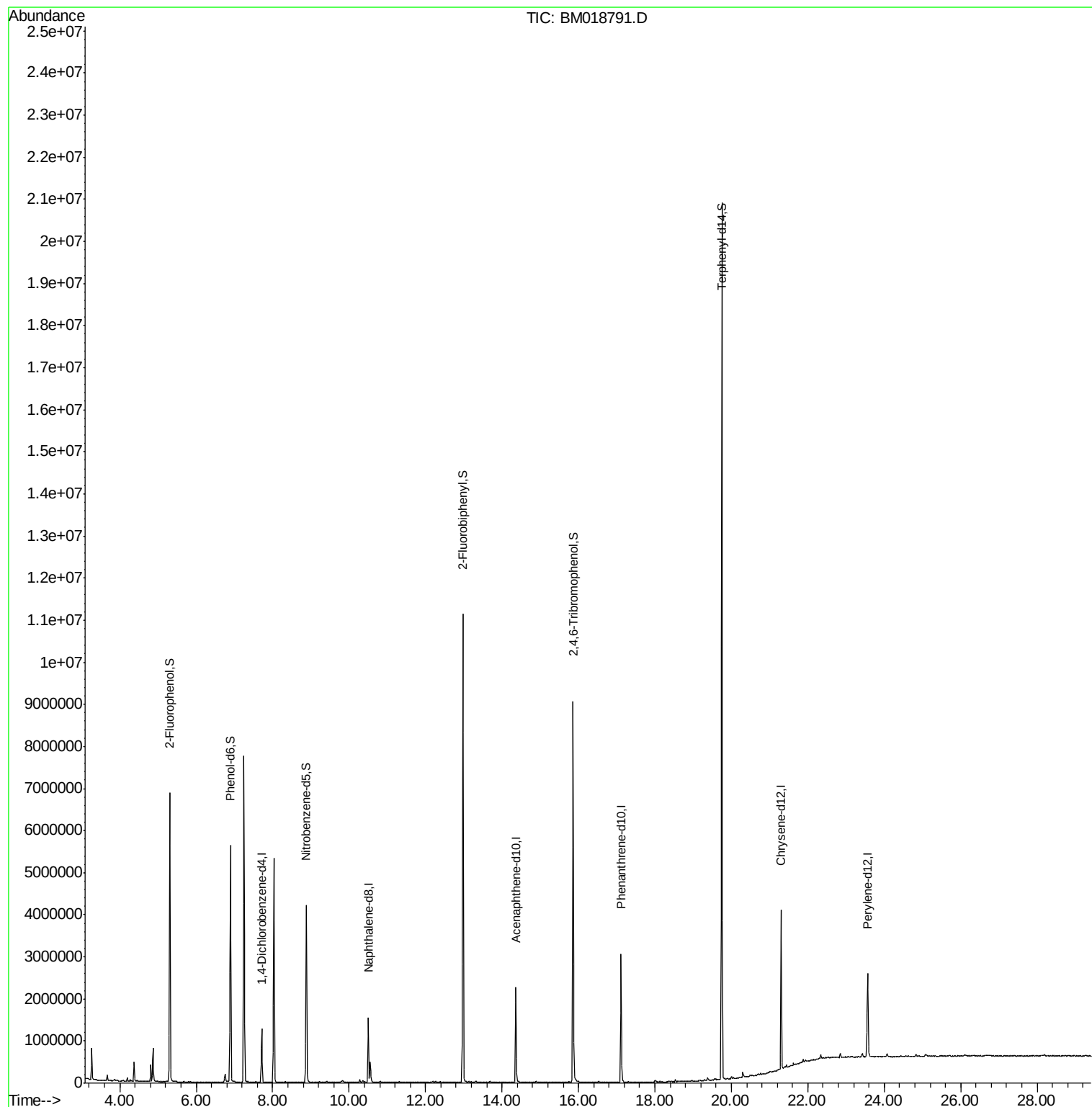
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	319455	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1254205	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	723031	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1674181	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1628133	20.00	ng	0.00
87) Perylene-d12	23.57	264	1401917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2662918	136.58	ng	0.00
7) Phenol-d6	6.89	99	3202651	116.60	ng	0.00
23) Nitrobenzene-d5	8.88	82	2766162	101.98	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1656171	158.91	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5339805	98.04	ng	0.00
79) Terphenyl-d14	19.75	244	9125907	115.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	10836	Below Cal	Qvalue #	34

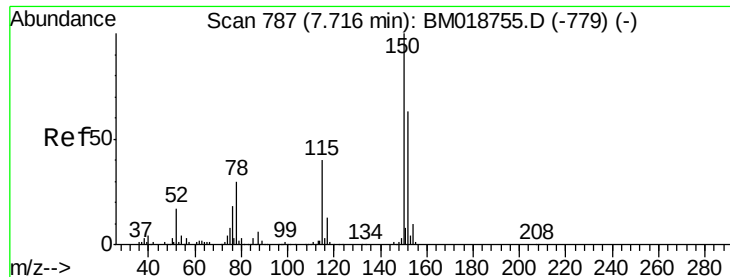
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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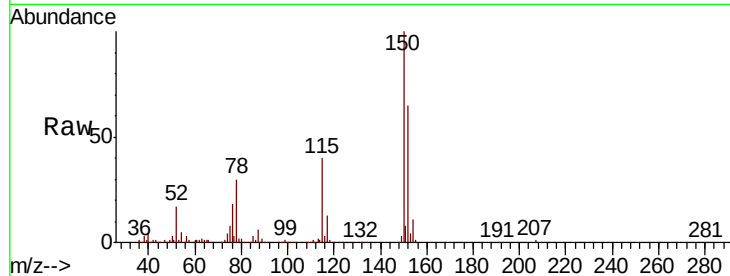


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018791.D
Acq: 13 Feb 2019 02:25

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.3	190.9
115	60.9	50.8	76.2

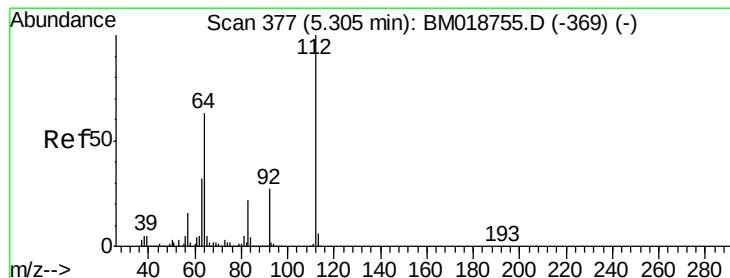
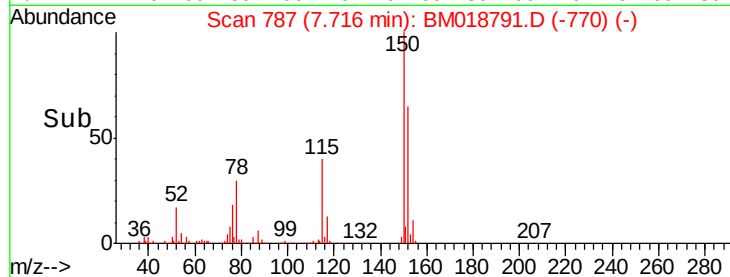
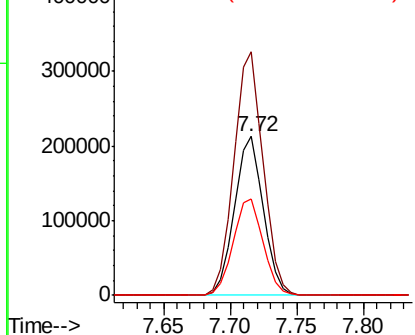


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

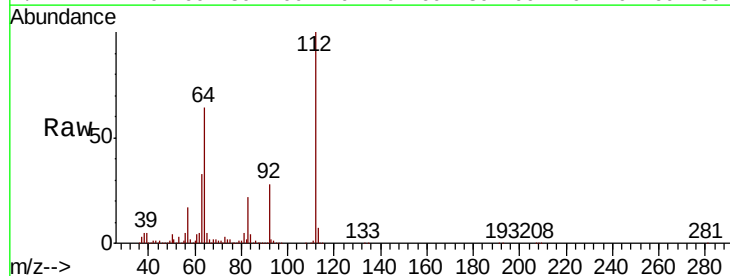
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.580 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018791.D
Acq: 13 Feb 2019 02:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	50.6	75.8
63	33.1	25.7	38.5

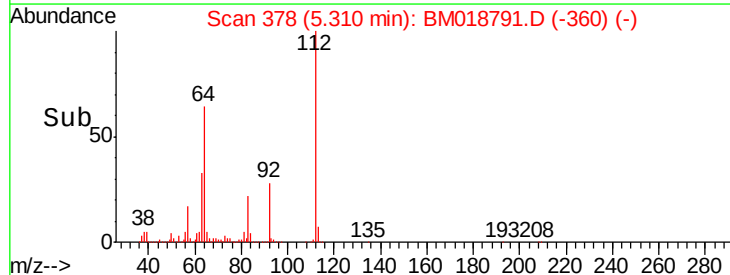
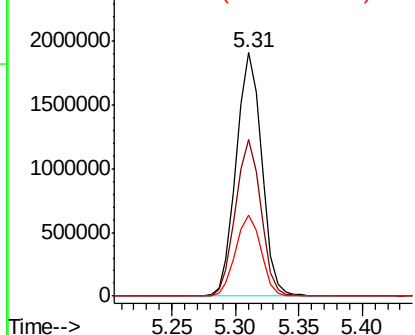


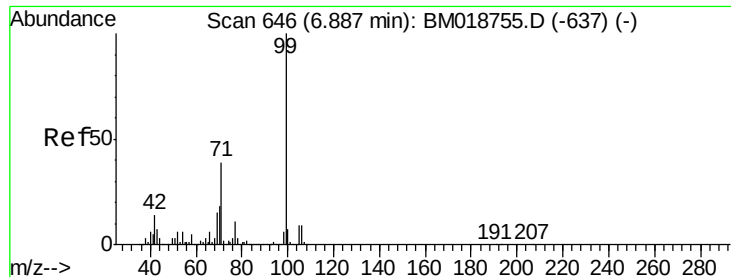
Abundance

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: 116.602 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018791.D

Acq: 13 Feb 2019 02:25

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-4

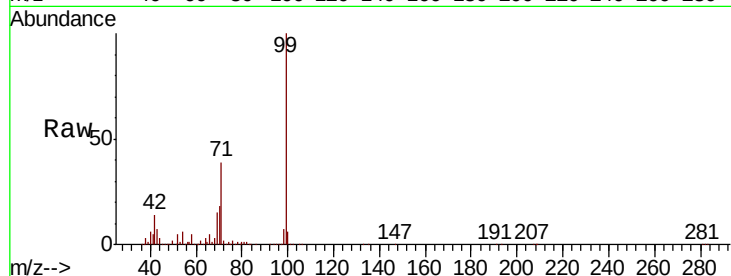
Tgt Ion: 99 Resp: 3202651

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

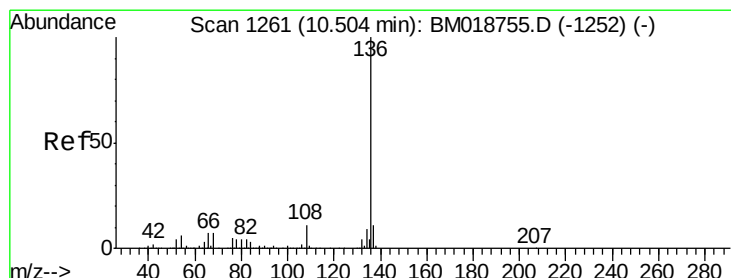
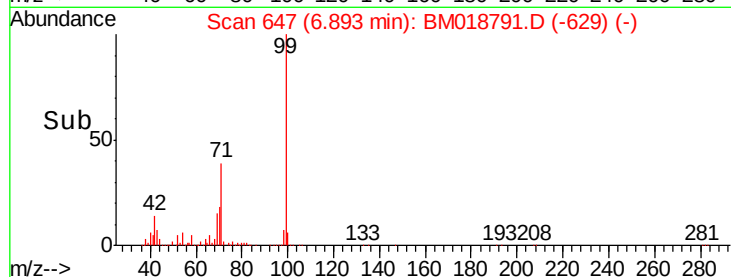
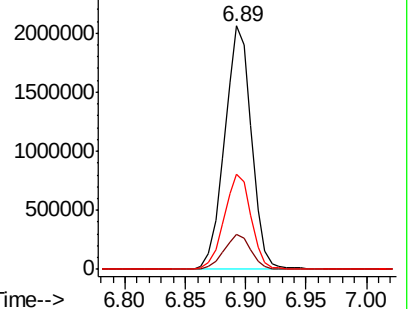
71 39.3 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018791.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018791.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018791.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018791.D

Acq: 13 Feb 2019 02:25

Tgt Ion: 136 Resp: 1254205

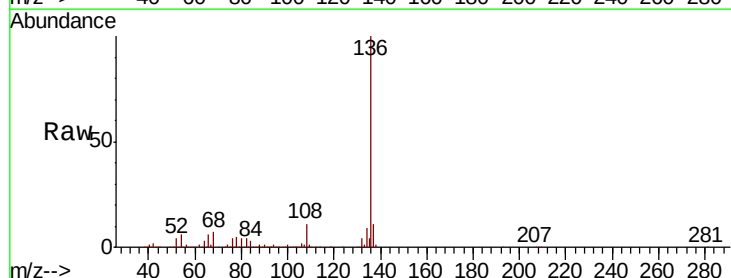
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.4 5.0 7.6

68 7.3 5.5 8.3

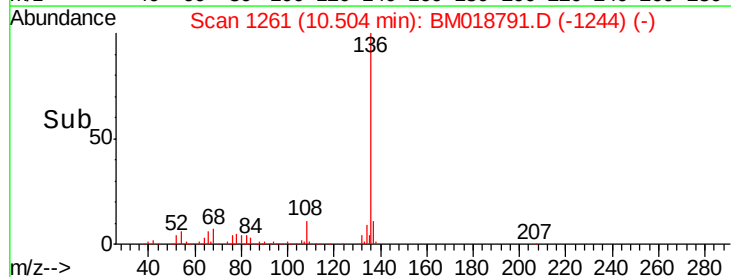
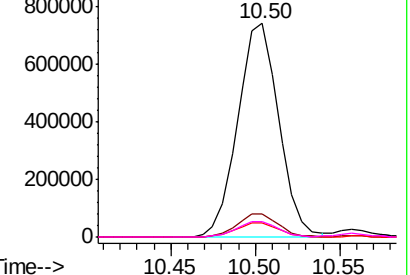


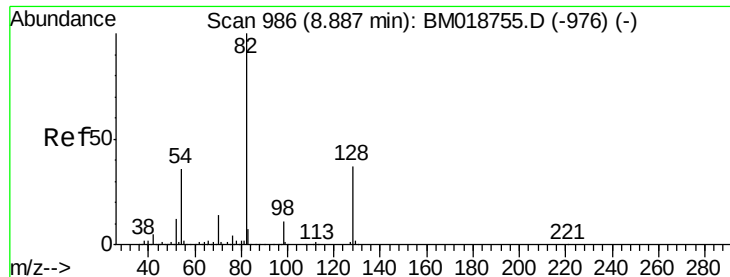
Abundance Ion 136.00 (135.70 to 136.70): BM018791.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018791.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018791.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018791.D (-1244) (-)

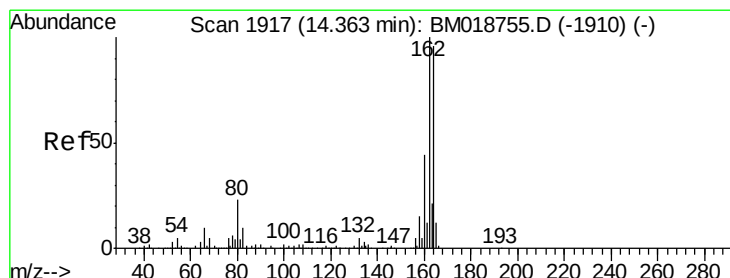
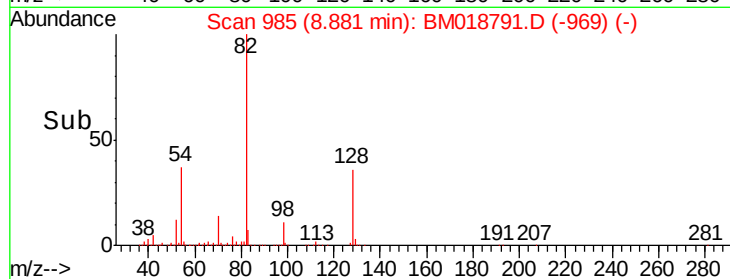
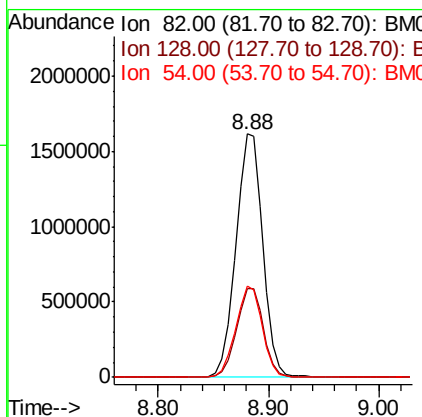
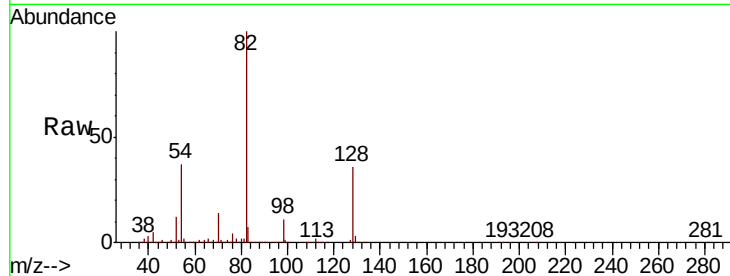




#23
Nitrobenzene-d5
Concen: 101.980 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018791.D
Acq: 13 Feb 2019 02:25

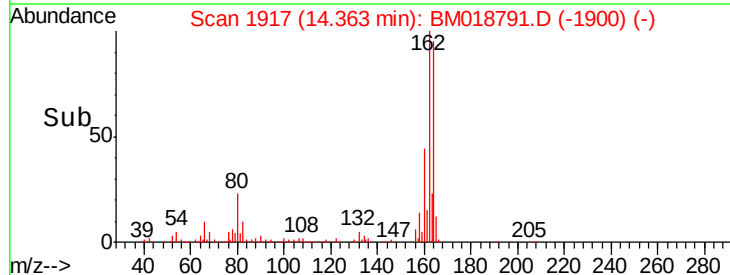
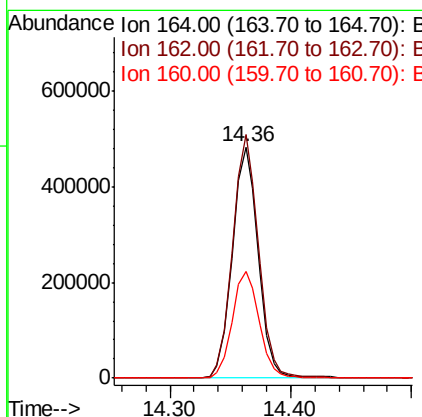
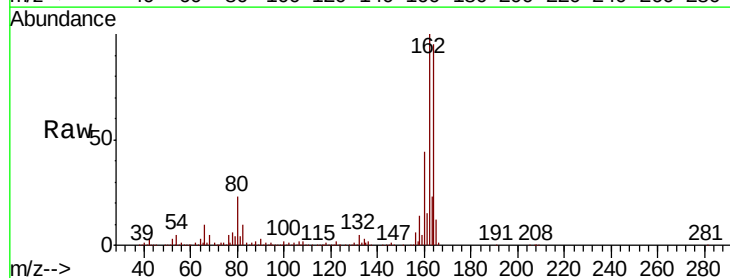
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-4

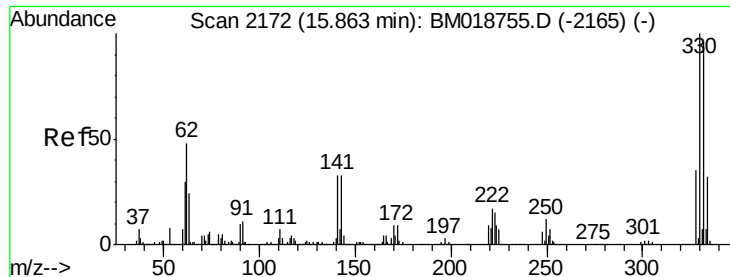
Tgt Ion: 82 Resp: 2766162
Ion Ratio Lower Upper
82 100
128 36.4 29.9 44.9
54 37.4 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018791.D
Acq: 13 Feb 2019 02:25

Tgt Ion: 164 Resp: 723031
Ion Ratio Lower Upper
164 100
162 105.4 83.4 125.0
160 46.0 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 158.907 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018791.D

Acq: 13 Feb 2019 02:25

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-4

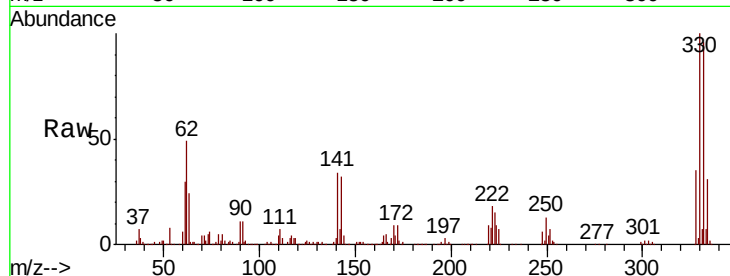
Tgt Ion:330 Resp: 1656171

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 36.0 28.7 43.1

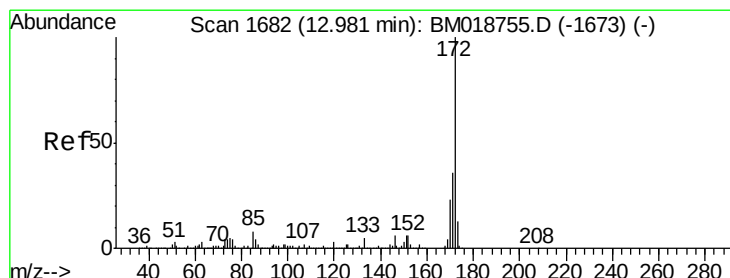
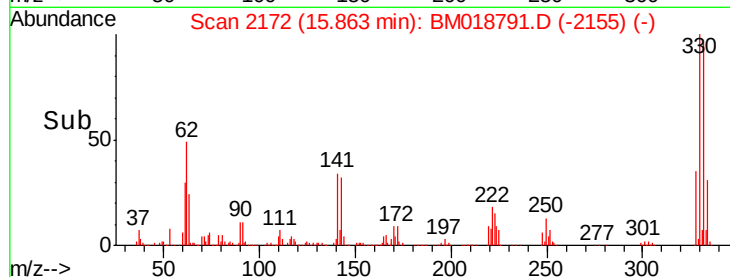
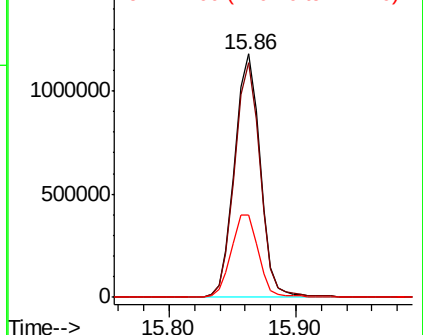


Abundance

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: 98.038 ng

RT: 12.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BM018791.D

Acq: 13 Feb 2019 02:25

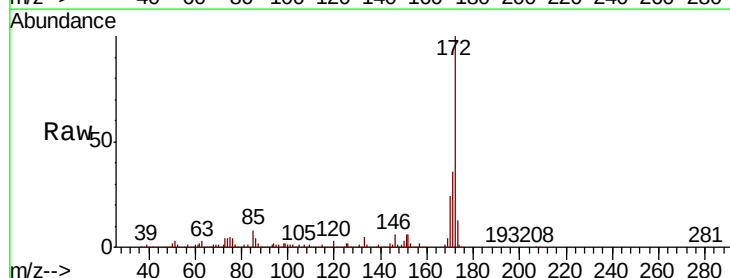
Tgt Ion:172 Resp: 5339805

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

170 23.7 18.6 28.0

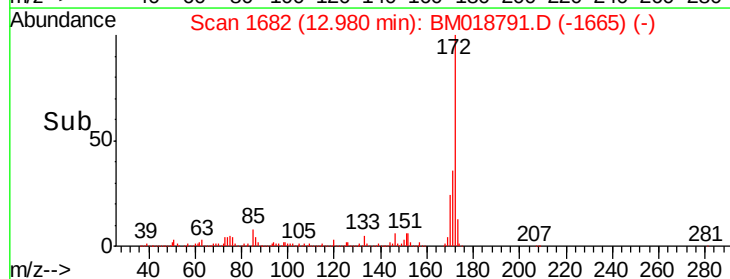
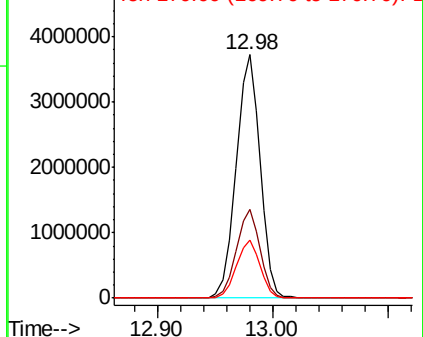


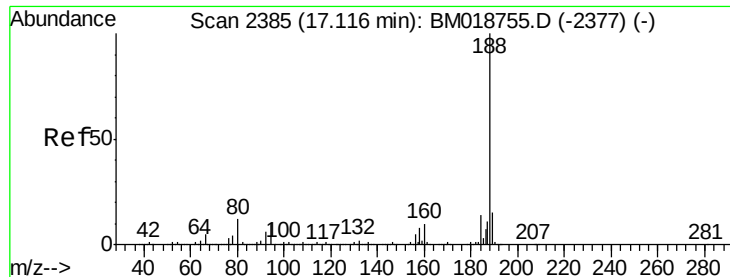
Abundance

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

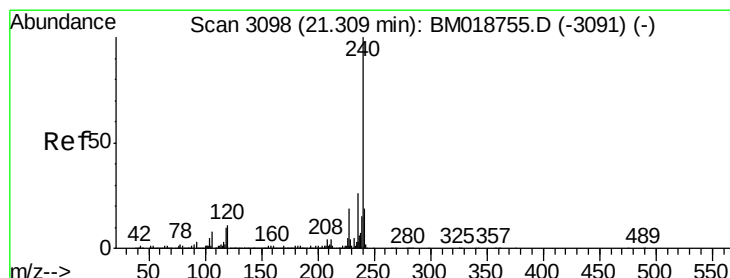
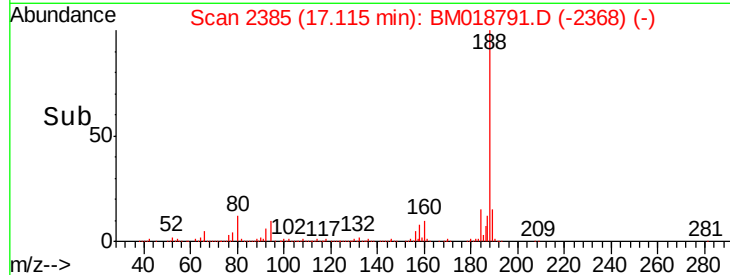
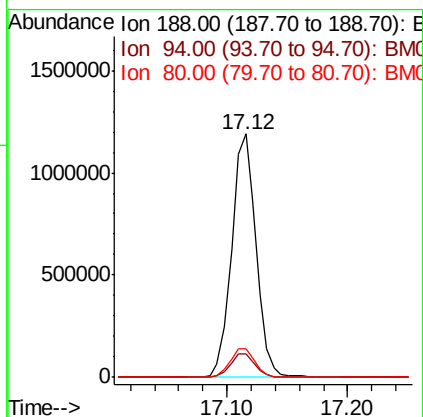
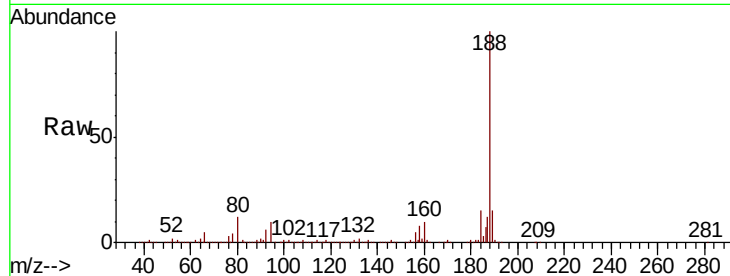




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018791.D
Acq: 13 Feb 2019 02:25

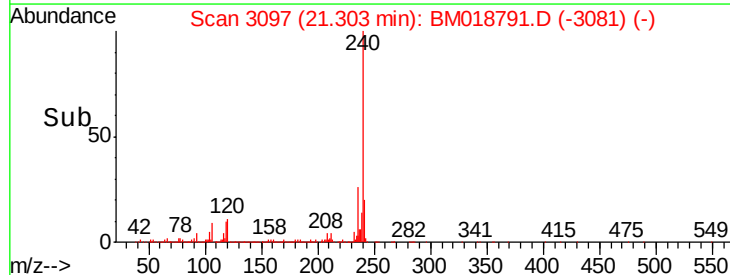
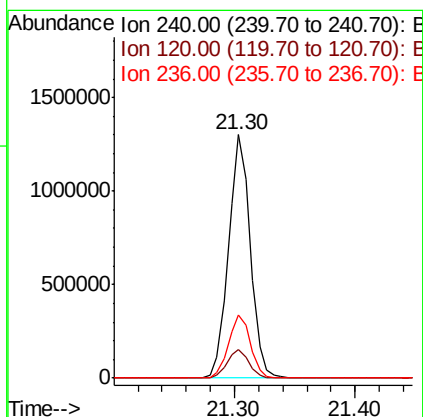
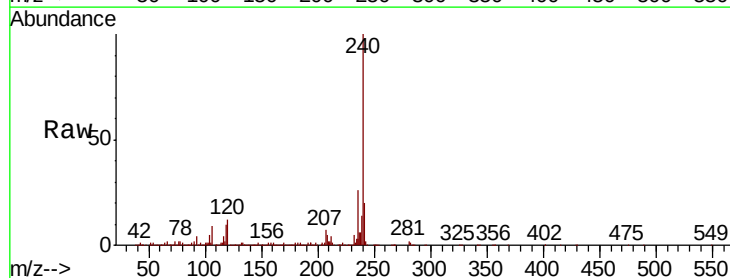
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-4

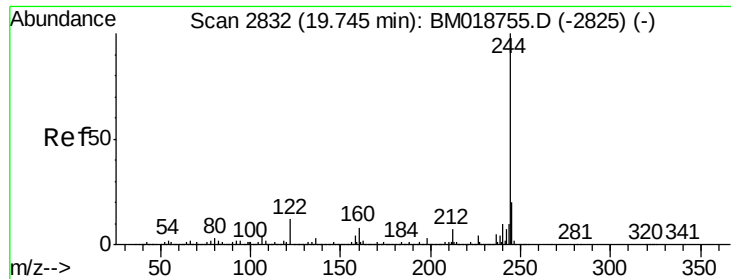
Tgt Ion:188 Resp: 1674181
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 11.7 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018791.D
Acq: 13 Feb 2019 02:25

Tgt Ion:240 Resp: 1628133
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 115.628 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018791.D

Acq: 13 Feb 2019 02:25

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-4

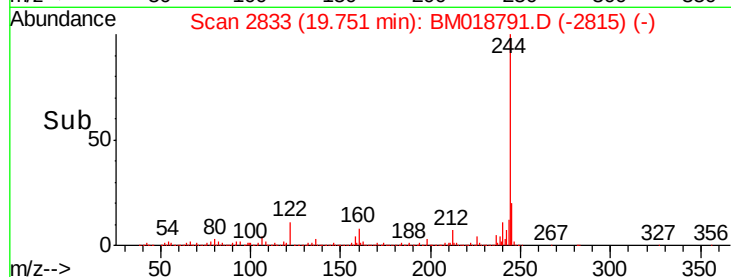
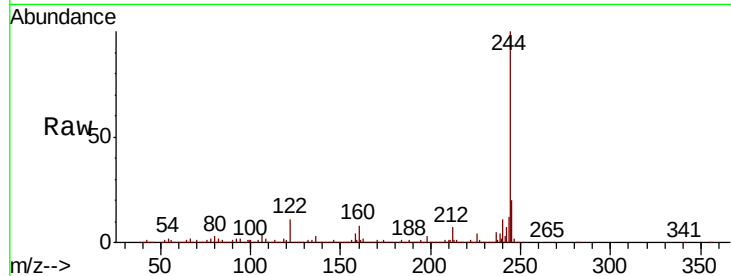
Tgt Ion:244 Resp: 9125907

Ion Ratio Lower Upper

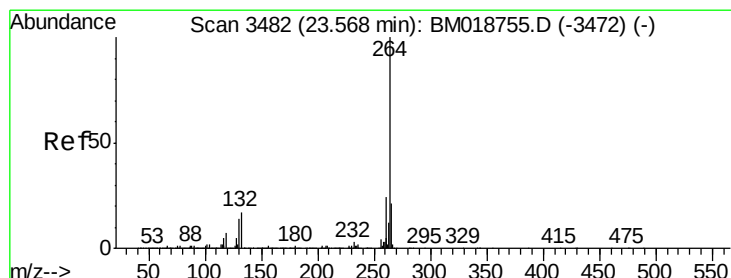
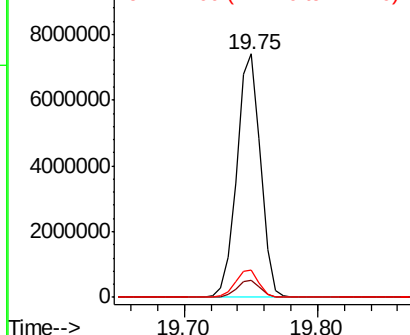
244 100

212 7.3 5.6 8.4

122 11.0 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E
1e+07 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: BM018791.D

Acq: 13 Feb 2019 02:25

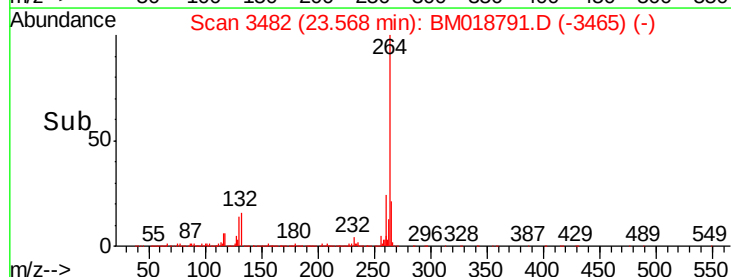
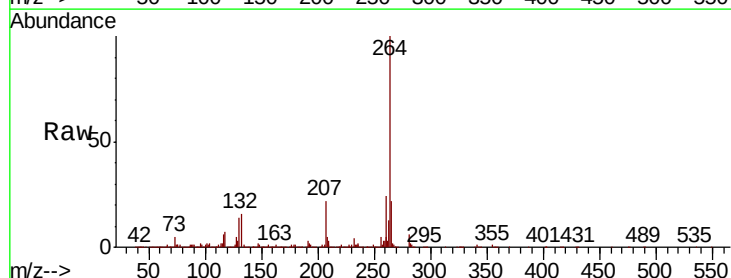
Tgt Ion:264 Resp: 1401917

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
1000000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

