

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018797.D
 Acq On : 13 Feb 2019 06:06
 Operator : JU/SJ
 Sample : K1462-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-D

Quant Time: Feb 13 06:47:56 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

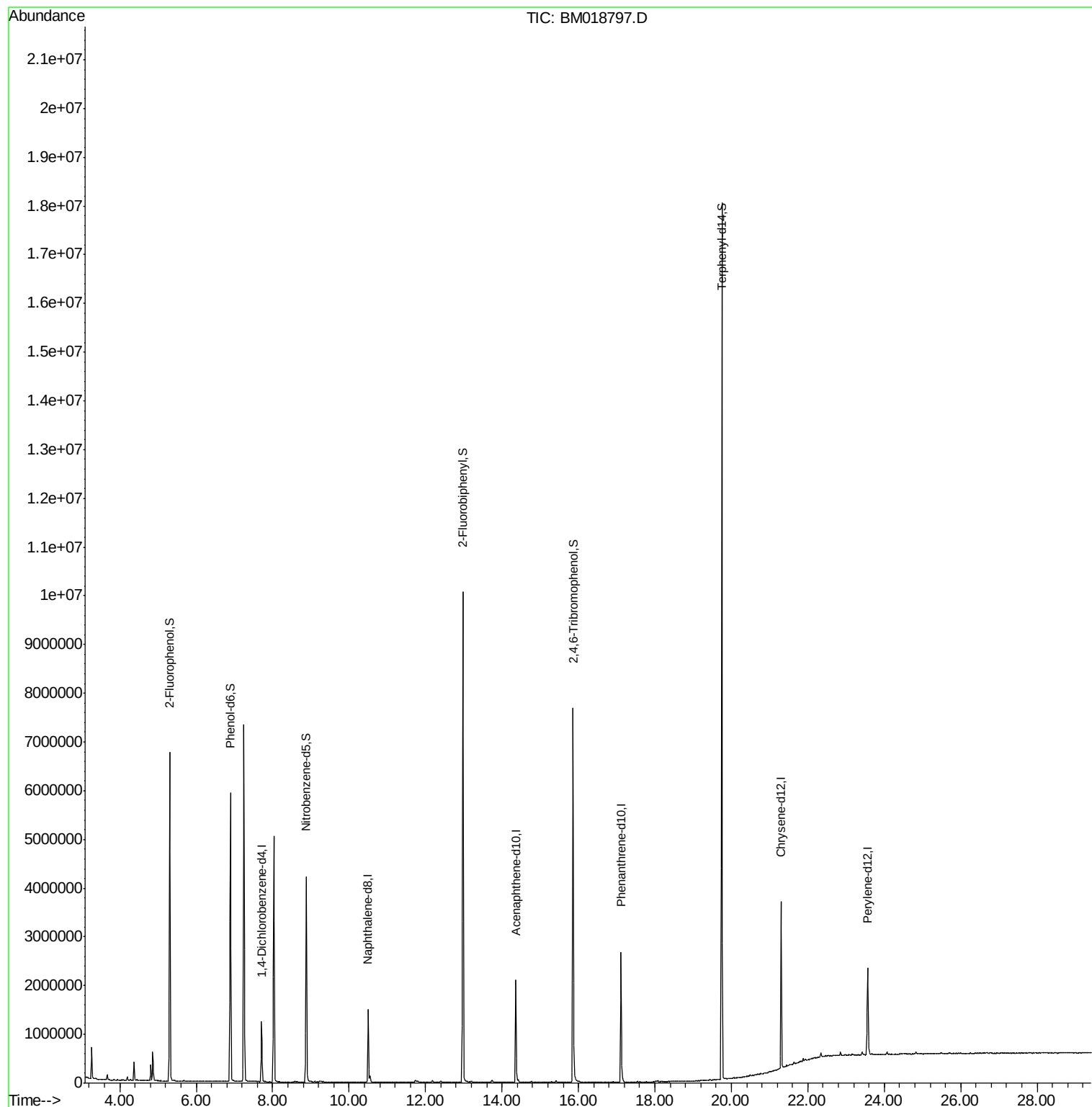
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	312713	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1231292	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	678913	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1543001	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1452163	20.00	ng	0.00
87) Perylene-d12	23.57	264	1267395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2662424	139.50	ng	0.00
7) Phenol-d6	6.89	99	3294607	122.54	ng	0.00
23) Nitrobenzene-d5	8.88	82	2639465	99.12	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1415987	144.69	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4949289	96.77	ng	0.00
79) Terphenyl-d14	19.75	244	8103656	115.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.85	77	519	Below Cal	Qvalue #	21

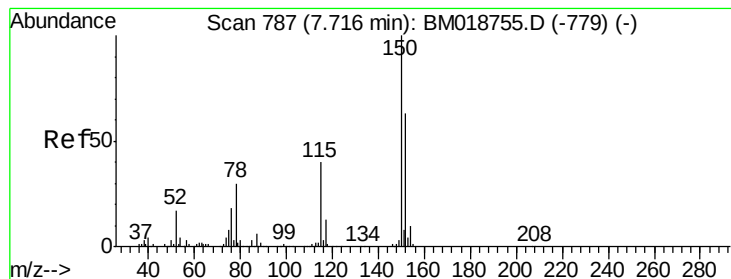
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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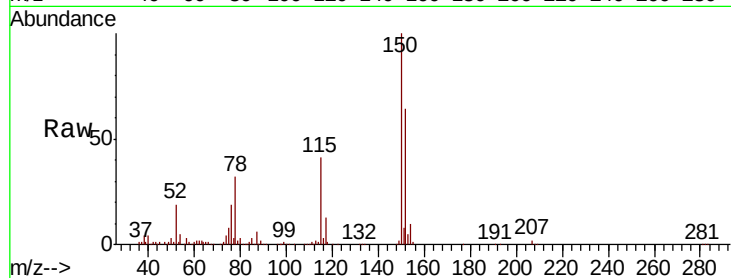


#1

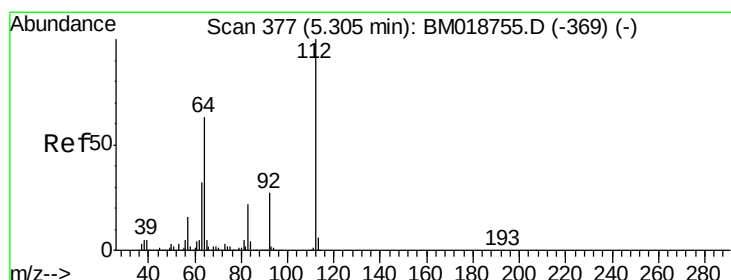
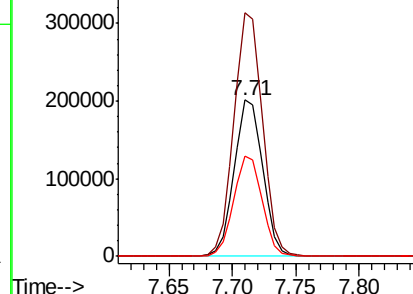
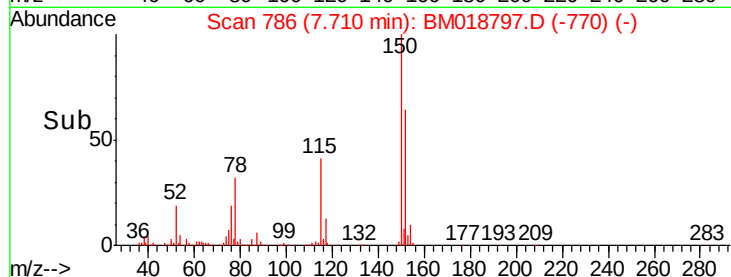
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018797.D
Acq: 13 Feb 2019 06:06

Instrument :
BNA_M
ClientSampleId :
TP-1-D

Tgt Ion:152 Resp: 312713
Ion Ratio Lower Upper
152 100
150 156.1 127.3 190.9
115 64.2 50.8 76.2



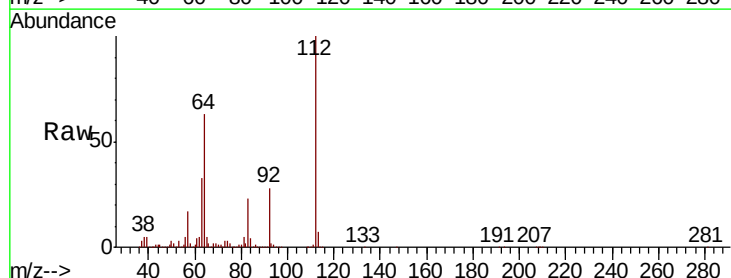
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



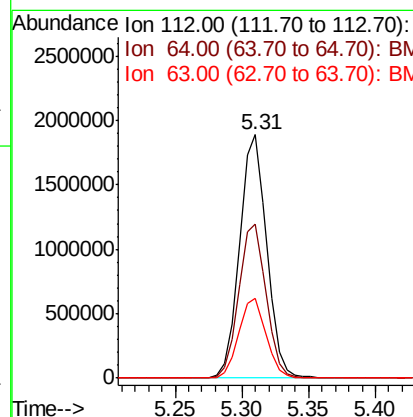
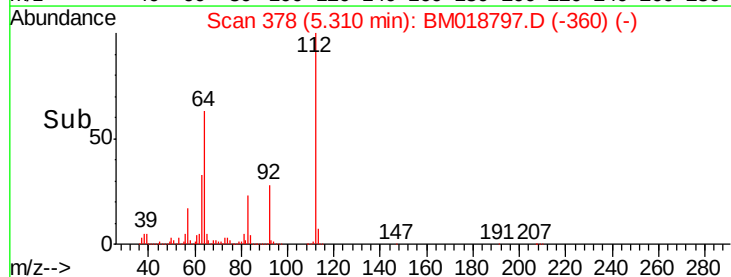
#5

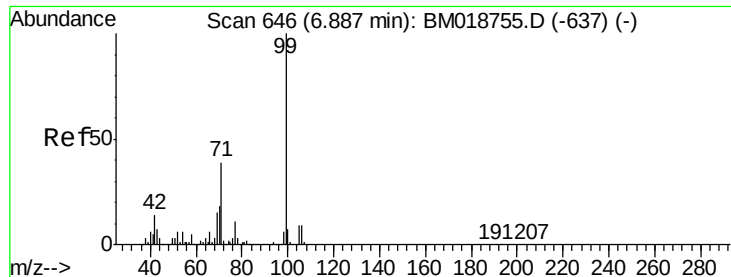
2-Fluorophenol
Concen: 139.499 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018797.D
Acq: 13 Feb 2019 06:06

Tgt Ion:112 Resp: 2662424
Ion Ratio Lower Upper
112 100
64 63.4 50.6 75.8
63 32.7 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: 122.536 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018797.D

Acq: 13 Feb 2019 06:06

Instrument :

BNA_M

ClientSampled :

TP-1-D

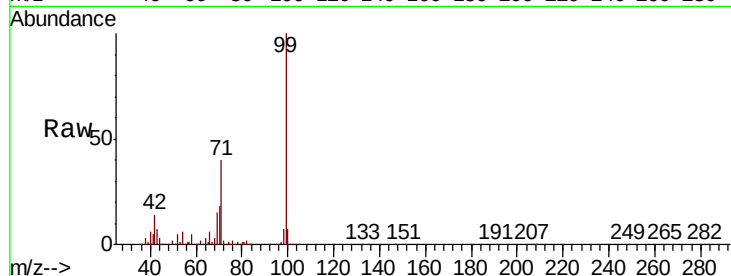
Tgt Ion: 99 Resp: 3294607

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

71 39.9 31.3 46.9

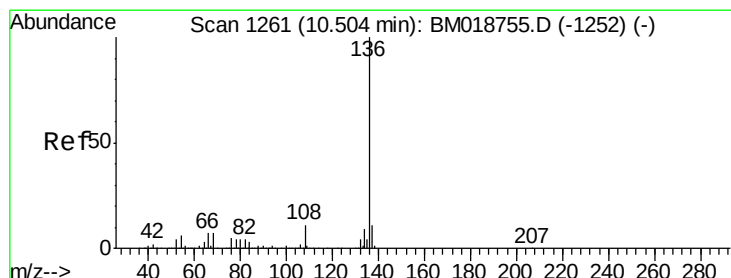
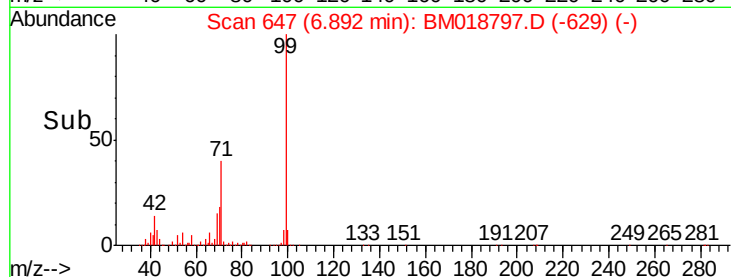
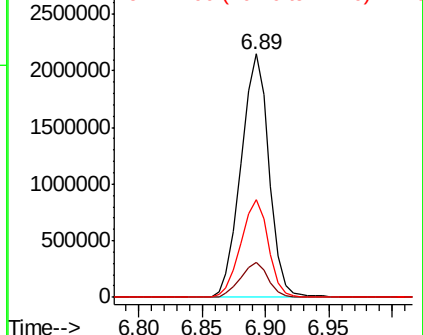


Abundance

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# 1260

Delta R.T. -0.01 min

Lab File: BM018797.D

Acq: 13 Feb 2019 06:06

Tgt Ion: 136 Resp: 1231292

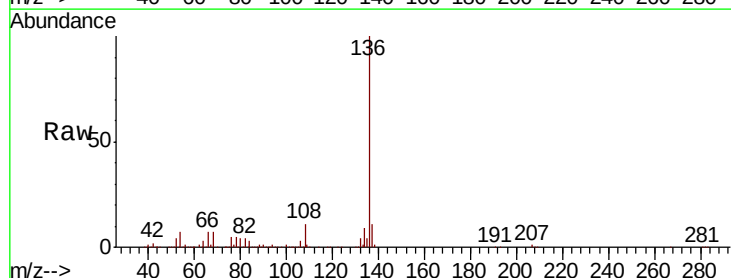
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.9 5.0 7.6

68 7.3 5.5 8.3



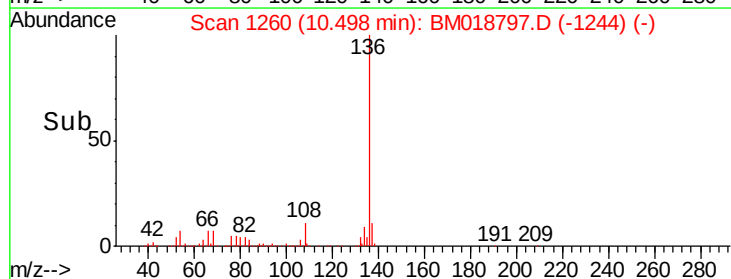
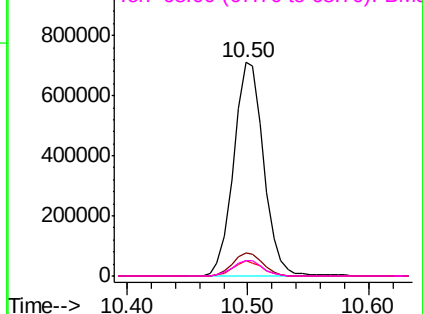
Abundance

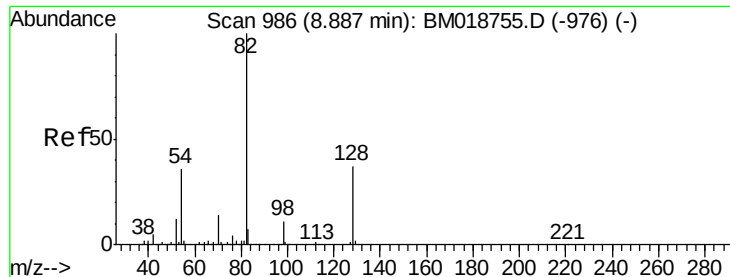
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

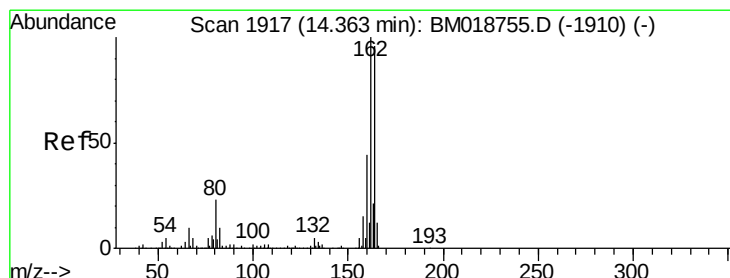
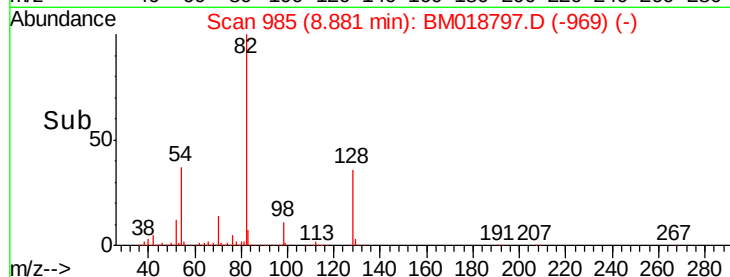
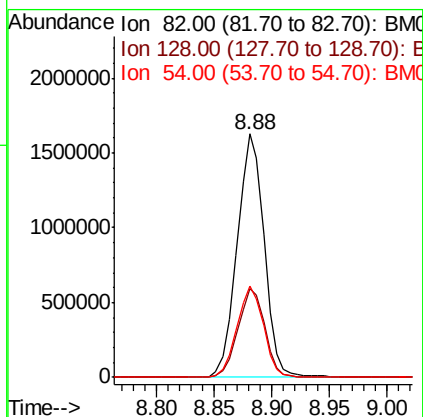
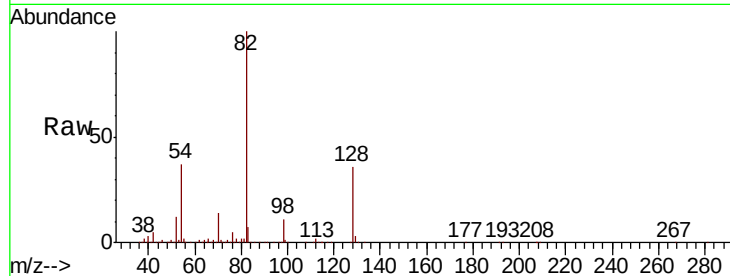




#23
 Nitrobenzene-d5
 Concen: 99.120 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018797.D
 Acq: 13 Feb 2019 06:06

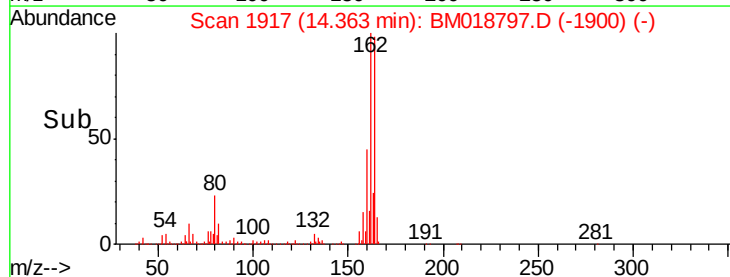
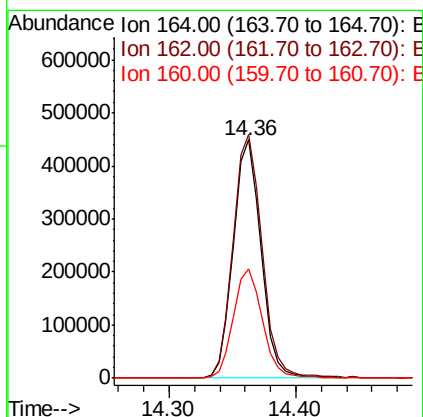
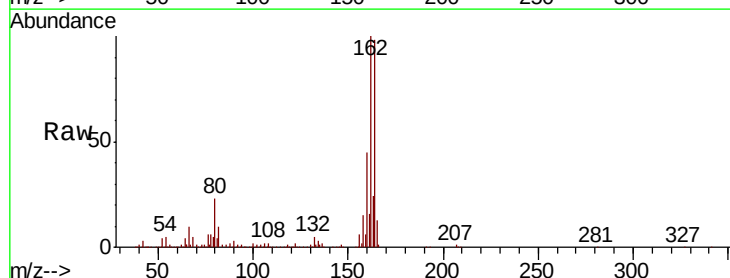
Instrument :
 BNA_M
 ClientSampleId :
 TP-1-D

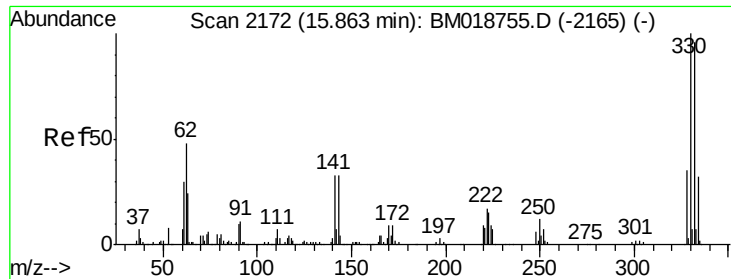
Tgt Ion: 82 Resp: 2639465
 Ion Ratio Lower Upper
 82 100
 128 36.3 29.9 44.9
 54 37.3 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM018797.D
 Acq: 13 Feb 2019 06:06

Tgt Ion: 164 Resp: 678913
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.4 125.0
 160 45.7 36.6 55.0

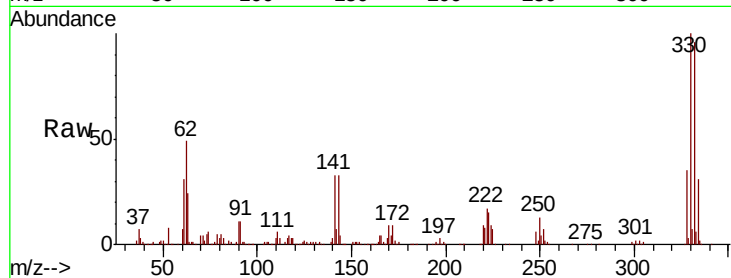




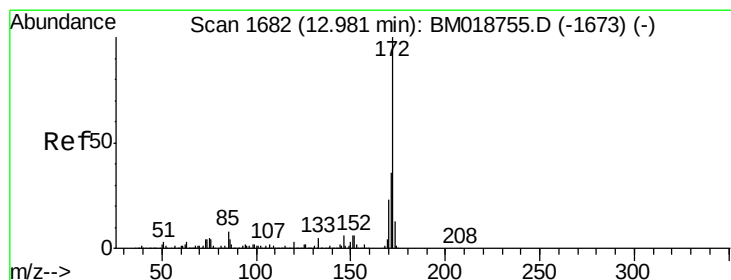
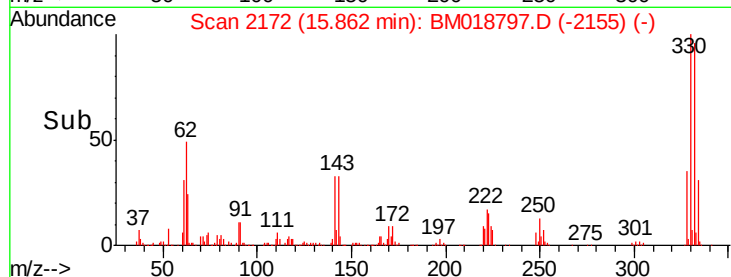
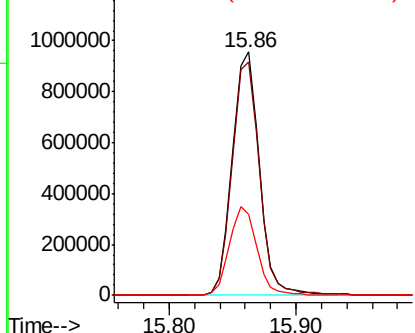
#42
 2,4,6-Tribromophenol
 Concen: 144.690 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM018797.D
 Acq: 13 Feb 2019 06:06

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-D

Tgt Ion:330 Resp: 1415987
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 37.1 28.7 43.1

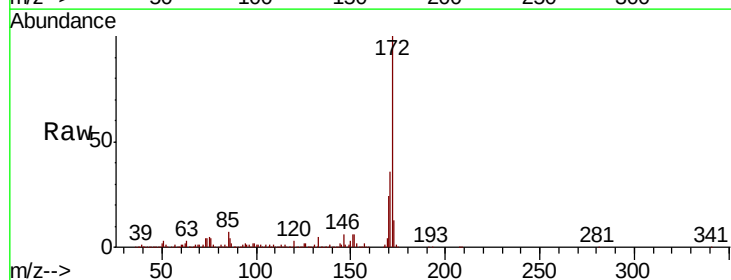


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

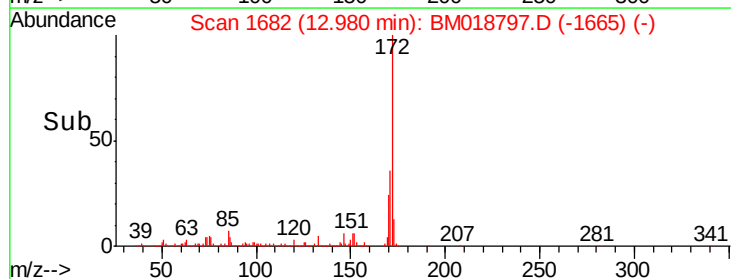
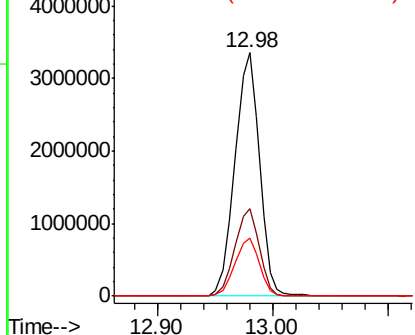


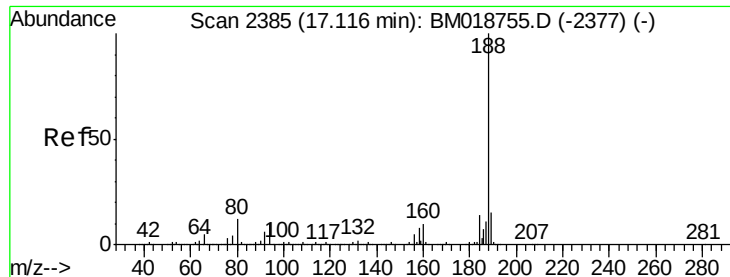
#45
 2-Fluorobiphenyl
 Concen: 96.773 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018797.D
 Acq: 13 Feb 2019 06:06

Tgt Ion:172 Resp: 4949289
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.0 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

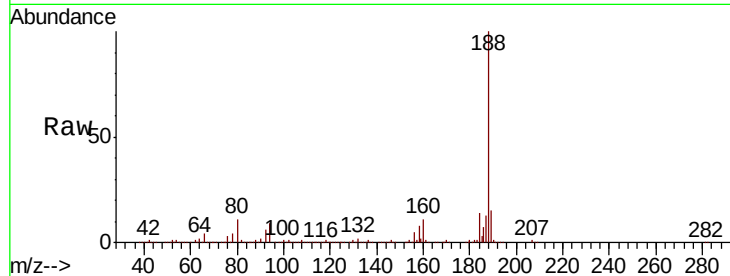




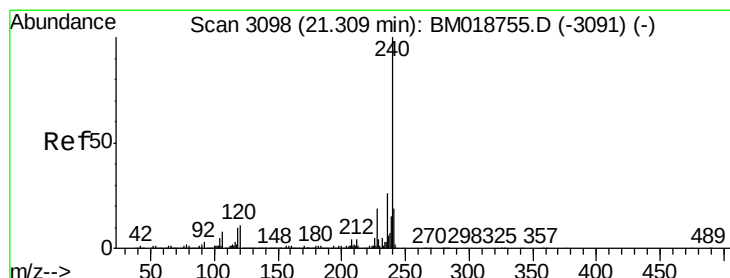
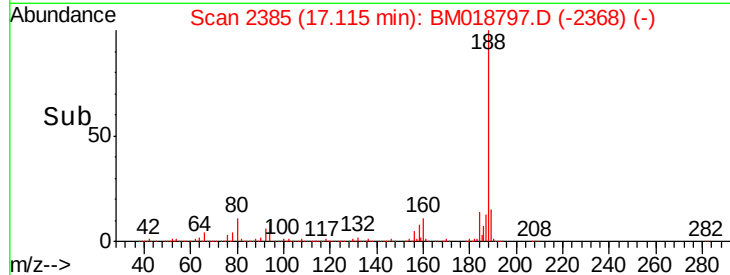
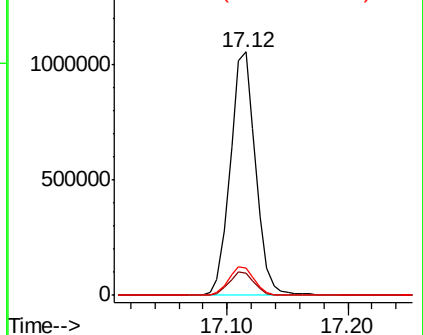
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018797.D
Acq: 13 Feb 2019 06:06

Instrument :
BNA_M
ClientSampled :
TP-1-D

Tgt Ion:188 Resp: 1543001
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 11.4 9.7 14.5

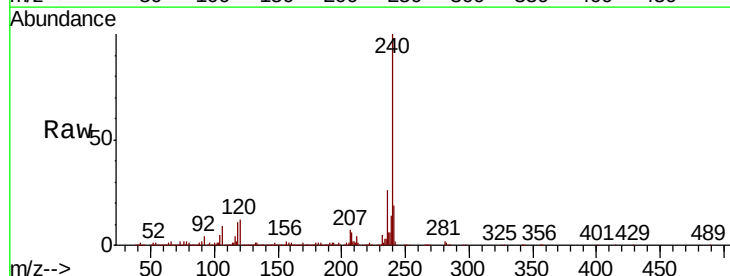


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

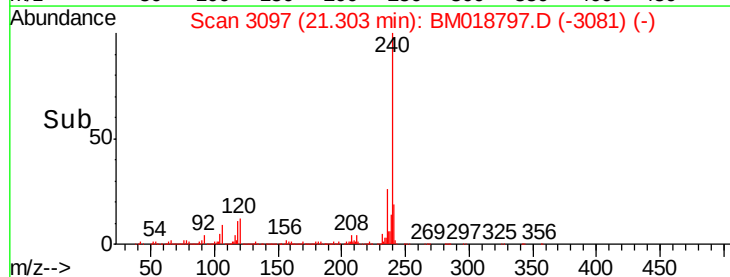
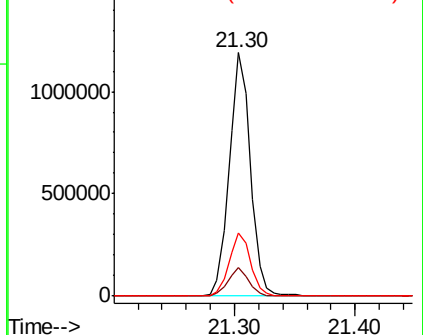


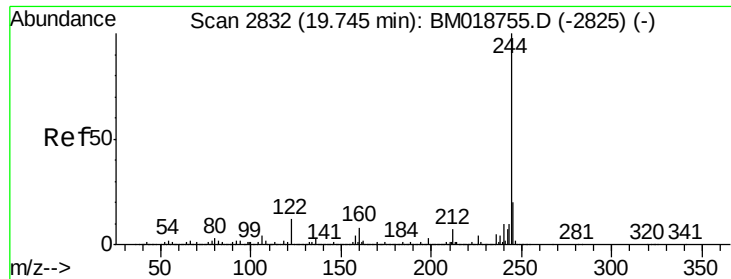
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018797.D
Acq: 13 Feb 2019 06:06

Tgt Ion:240 Resp: 1452163
Ion Ratio Lower Upper
240 100
120 11.7 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: 115.118 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018797.D

Acq: 13 Feb 2019 06:06

Instrument :

BNA_M

ClientSampleId :

TP-1-D

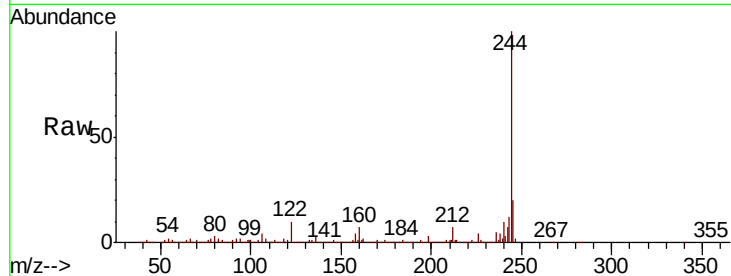
Tgt Ion:244 Resp: 8103656

Ion Ratio Lower Upper

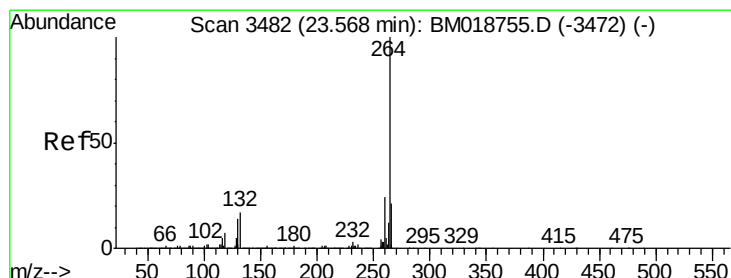
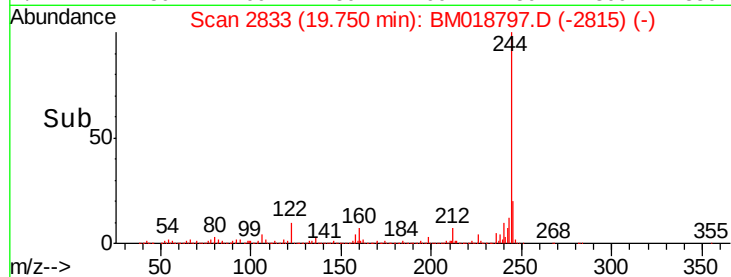
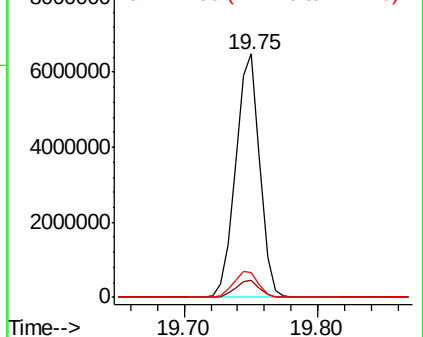
244 100

212 7.1 5.6 8.4

122 10.2 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: BM018797.D

Acq: 13 Feb 2019 06:06

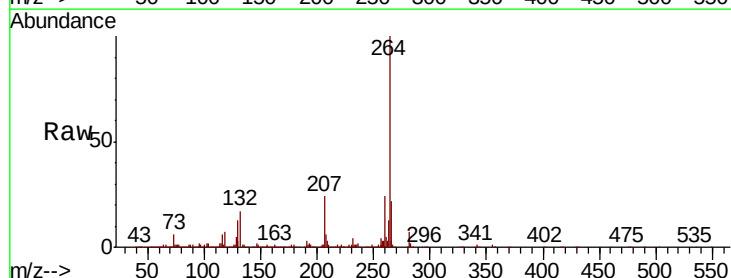
Tgt Ion:264 Resp: 1267395

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.2 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

