

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016539.D
 Acq On : 23 Aug 2018 03:36
 Operator : SJ/JU
 Sample : PB112247BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BL

Quant Time: Aug 23 07:16:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	150996	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	457820	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	348262	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1150947	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1380848	20.00	ng	0.00
86) Perylene-d12	23.83	264	1529452	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	835107	108.38	ng	0.00
7) Phenol-d6	7.19	99	986938	96.79	ng	-0.01
23) Nitrobenzene-d5	9.20	82	781092	77.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	1182933	121.51	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2894761	79.90	ng	0.00
78) Terphenyl-d14	19.99	244	6842145	104.88	ng	0.00

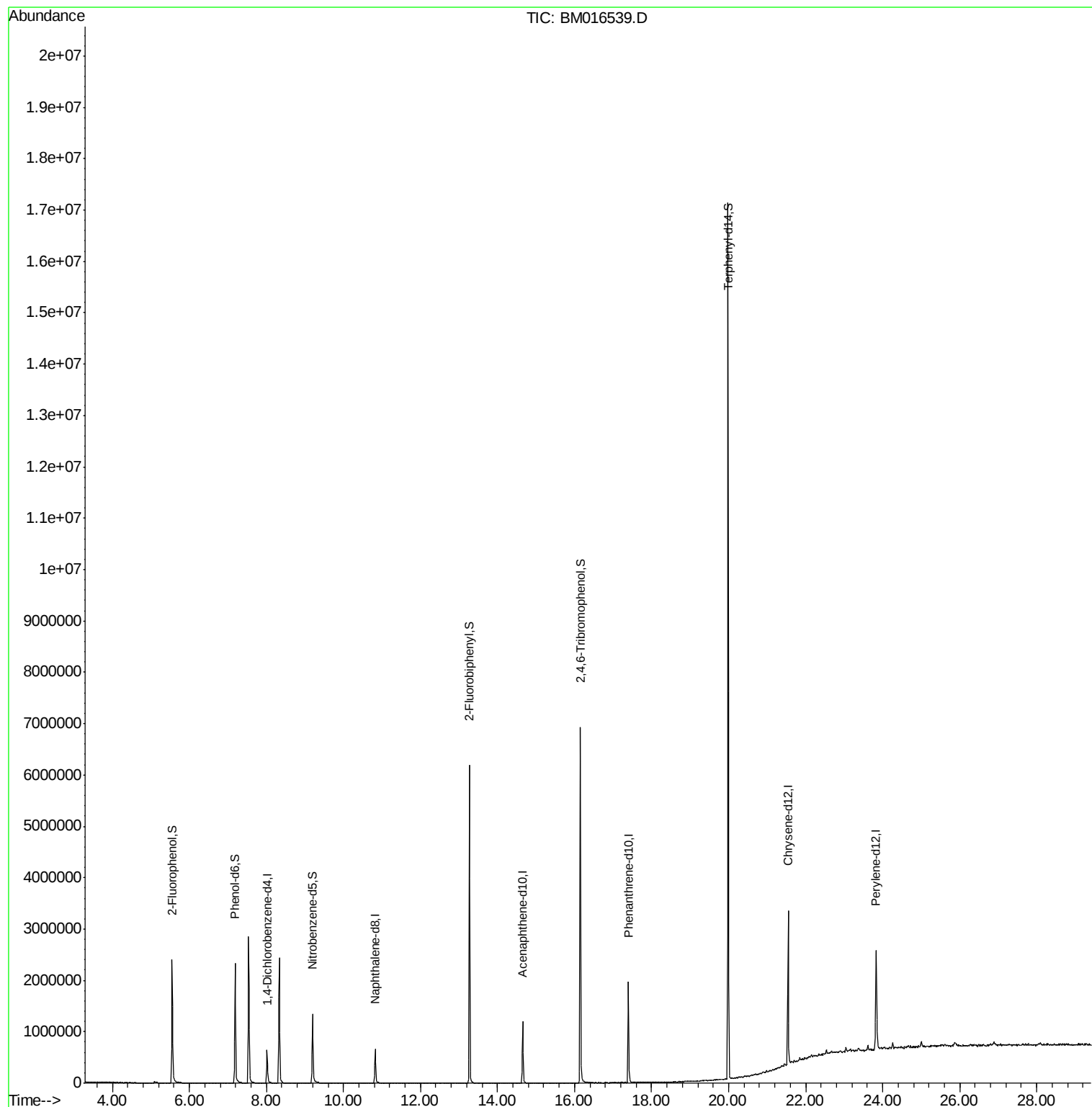
Target Compounds Qvalue

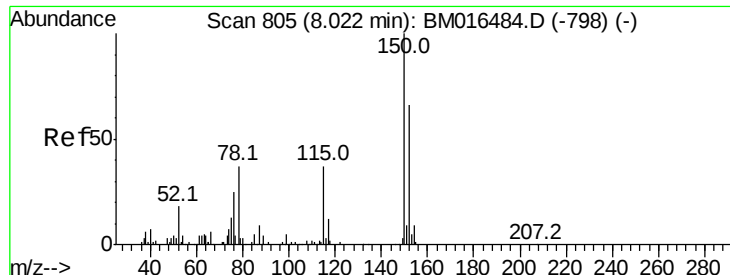
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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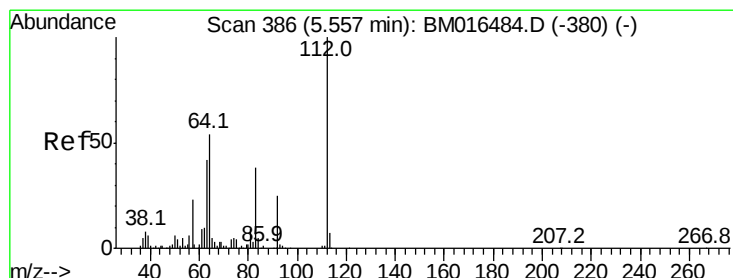
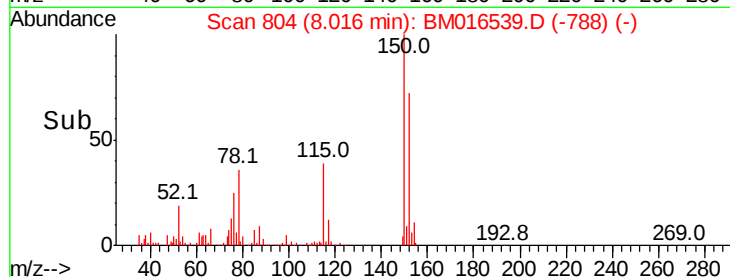
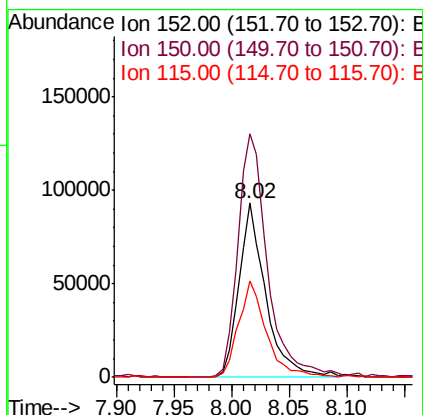
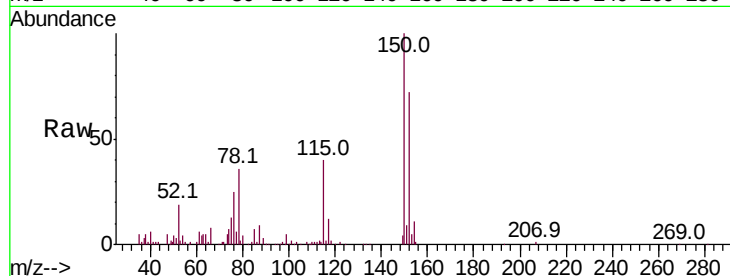


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BM016539.D
 Acq: 23 Aug 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BL

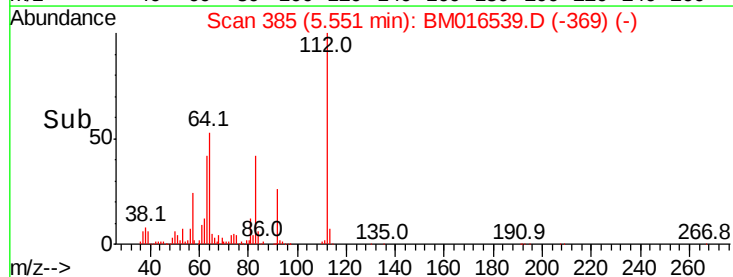
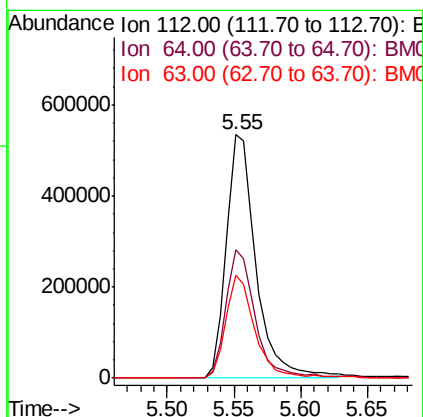
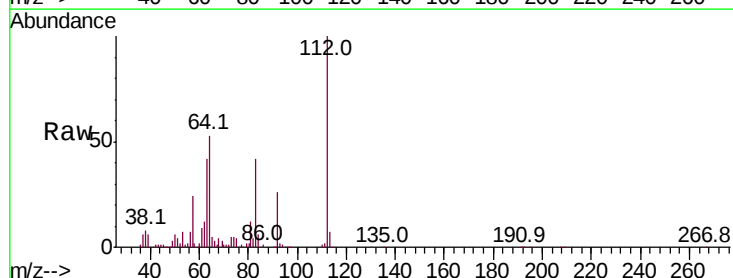
Tot Ion	Ratio	Lower	Upper
152	100		
150	139.7	119.5	179.3
115	55.3	43.0	64.4

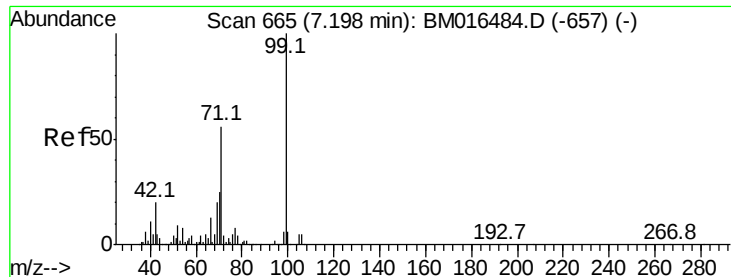


#5

2-Fluorophenol
 Concen: 108.378 ng
 RT: 5.55 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BM016539.D
 Acq: 23 Aug 2018 03:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	38.6	57.8
63	42.1	19.3	28.9





#7

Phenol-d6

Concen: 96.791 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016539.D

Acq: 23 Aug 2018 03:36

Instrument :

BNA_M

ClientSampleId :

PB112247BL

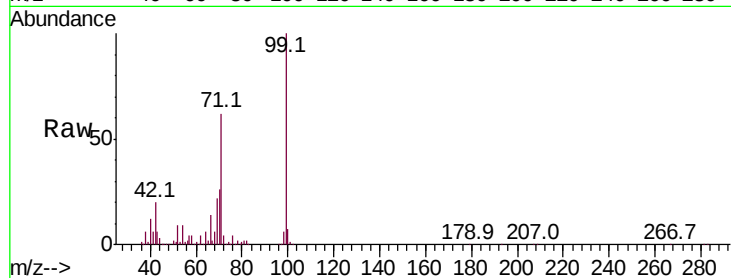
Tot Ion: 99 Resp: 986938

Ion Ratio Lower Upper

99 100

42 20.5 11.0 16.4#

71 62.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)

7.19

800000

600000

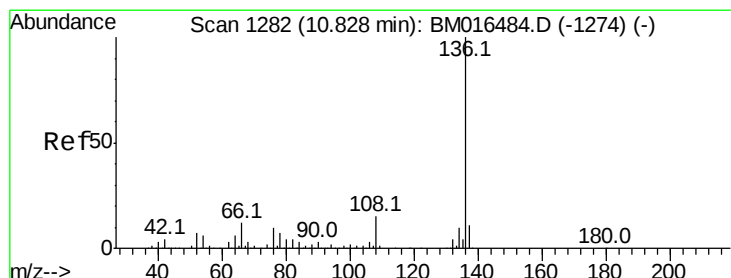
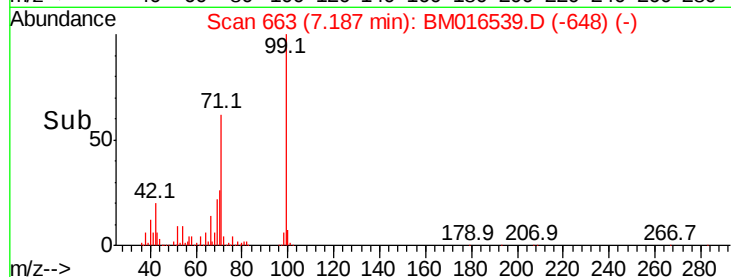
400000

200000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016539.D

Acq: 23 Aug 2018 03:36

Tgt Ion: 136 Resp: 457820

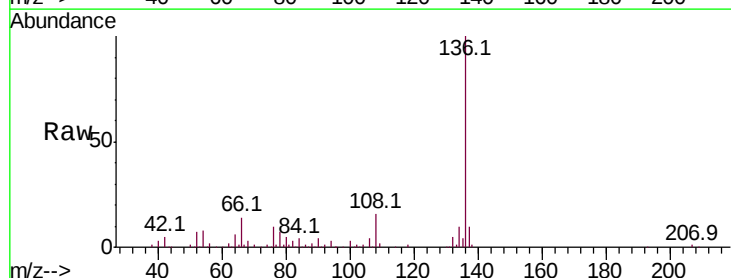
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 8.1 4.6 6.8#

68 3.1 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

10.82

400000

300000

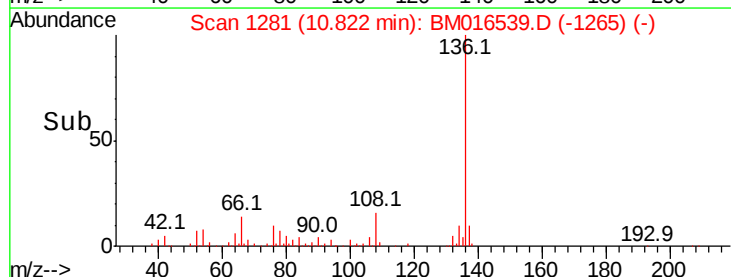
200000

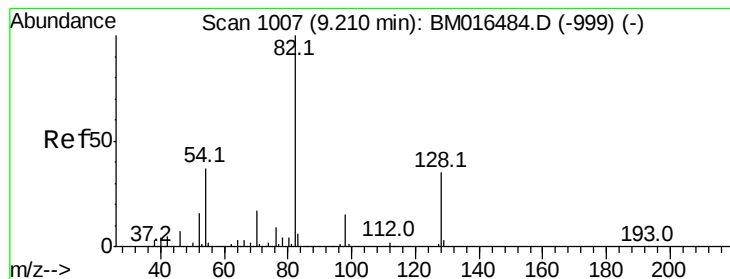
100000

0

10.80 10.85 10.90

Time-->





#23

Nitrobenzene-d5

Concen: 77.899 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM016539.D

Acq: 23 Aug 2018 03:36

Instrument :

BNA_M

ClientSampleId :

PB112247BL

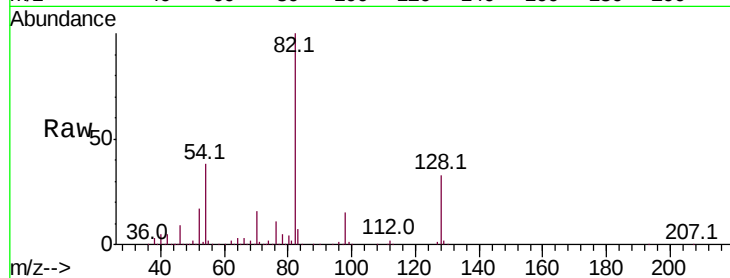
Tot Ion: 82 Resp: 781092

Ion Ratio Lower Upper

82 100

128 32.7 32.8 49.2#

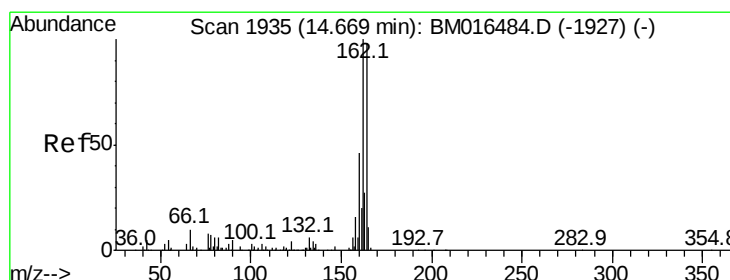
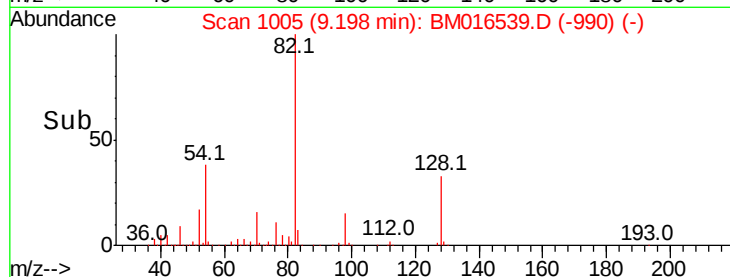
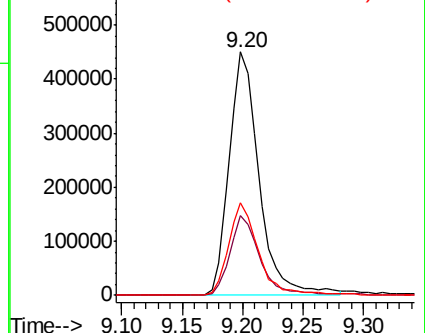
54 38.3 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-999) (-)

Ion 128.00 (127.70 to 128.70): BM016484.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-999) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016539.D

Acq: 23 Aug 2018 03:36

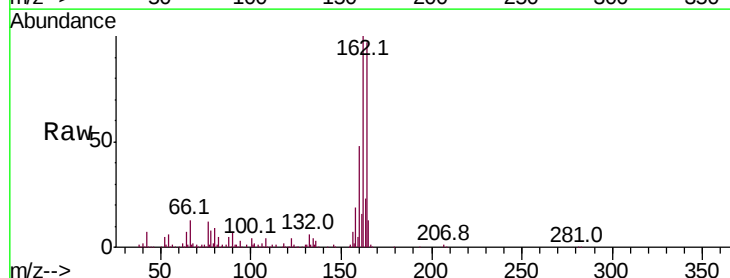
Tgt Ion:164 Resp: 348262

Ion Ratio Lower Upper

164 100

162 103.1 82.4 123.6

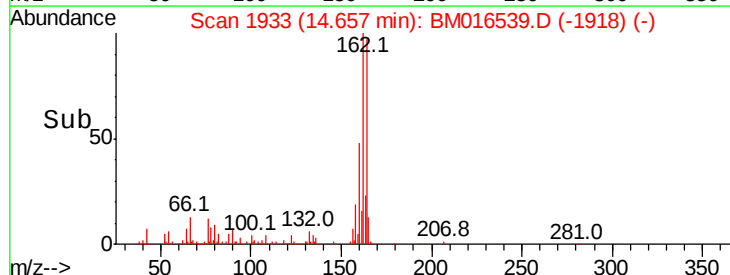
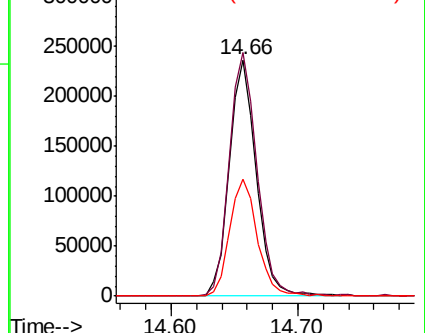
160 49.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016484.D (-1927) (-)

Ion 162.00 (161.70 to 162.70): BM016484.D (-1927) (-)

Ion 160.00 (159.70 to 160.70): BM016484.D (-1927) (-)

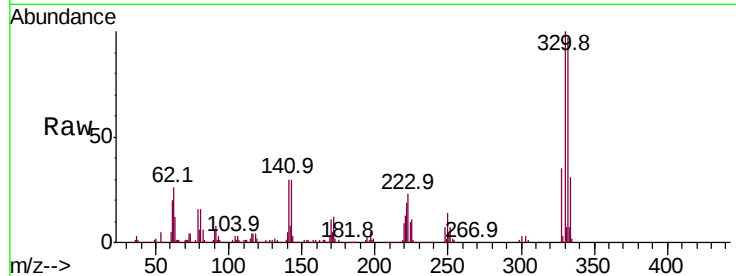




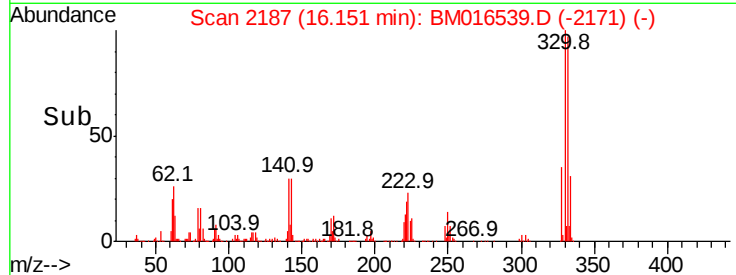
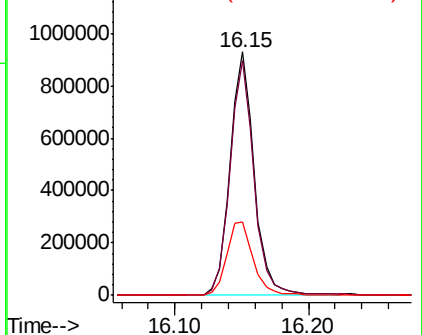
#41
 2,4,6-Tribromophenol
 Concen: 121.508 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016539.D
 Acq: 23 Aug 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BL

Tot Ion:330 Resp: 1182933
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 33.1 0.0 0.0#

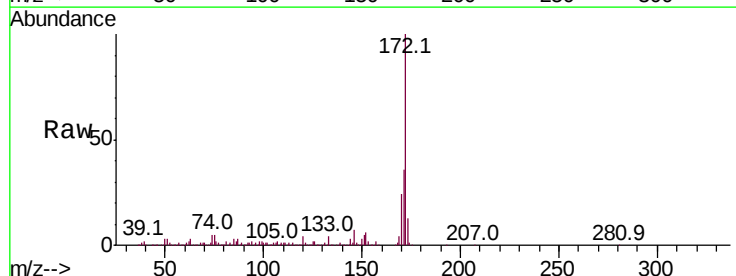


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

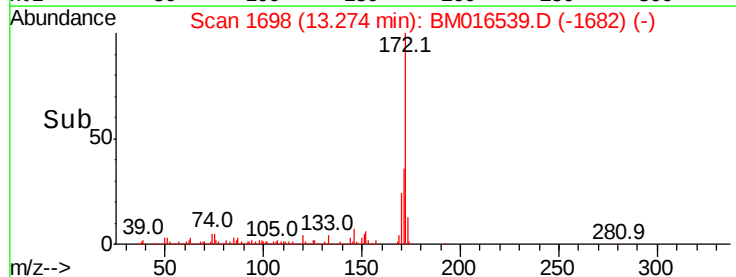
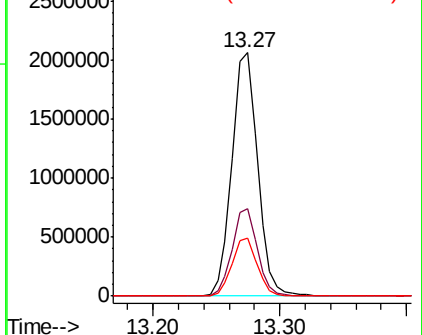


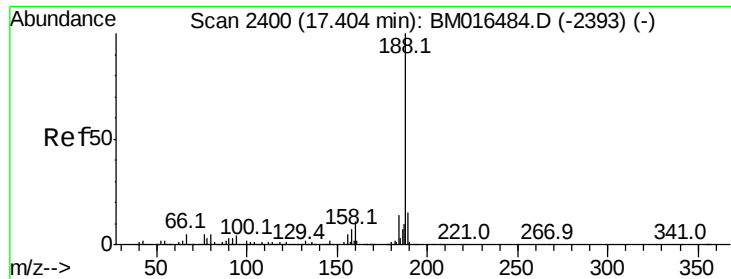
#44
 2-Fluorobiphenyl
 Concen: 79.897 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016539.D
 Acq: 23 Aug 2018 03:36

Tgt Ion:172 Resp: 2894761
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.6 18.8 28.2



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

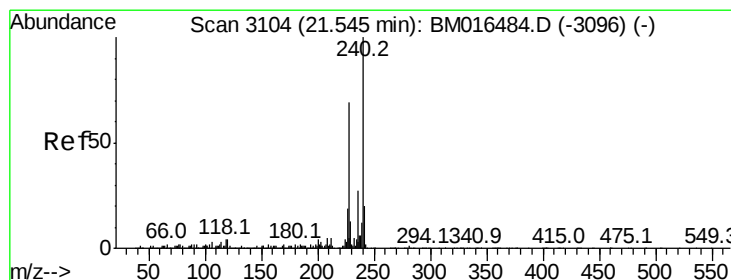
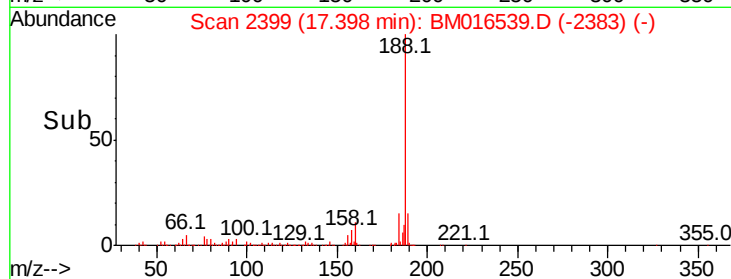
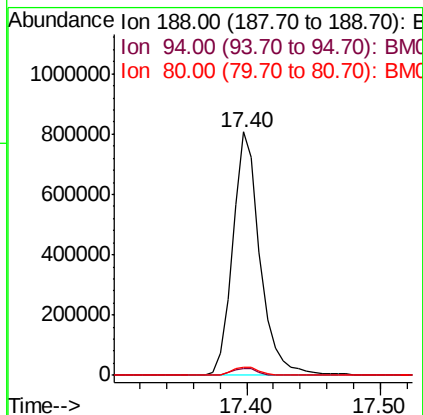
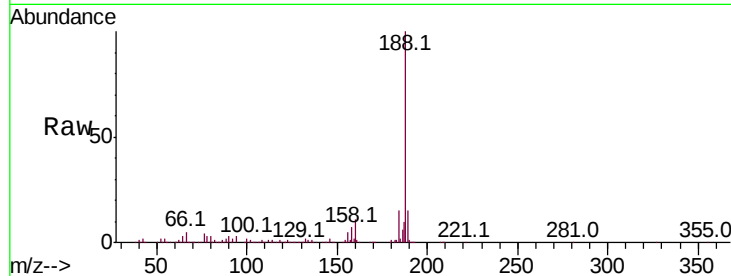




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016539.D
Acq: 23 Aug 2018 03:36

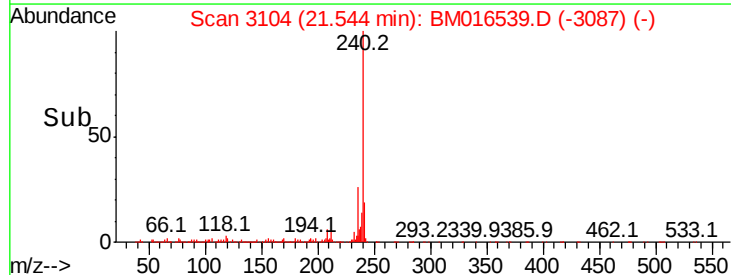
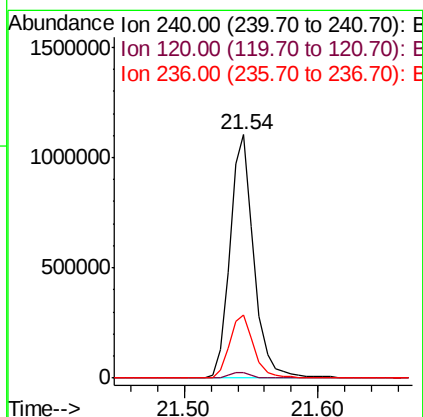
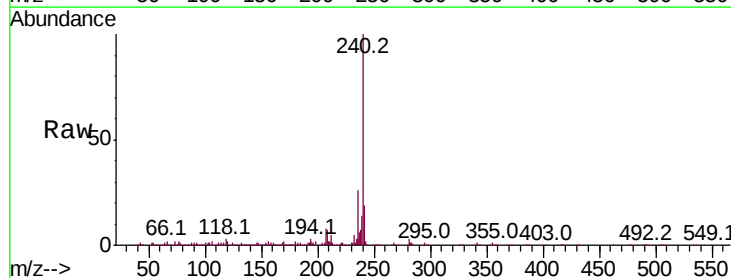
Instrument :
BNA_M
ClientSampleId :
PB112247BL

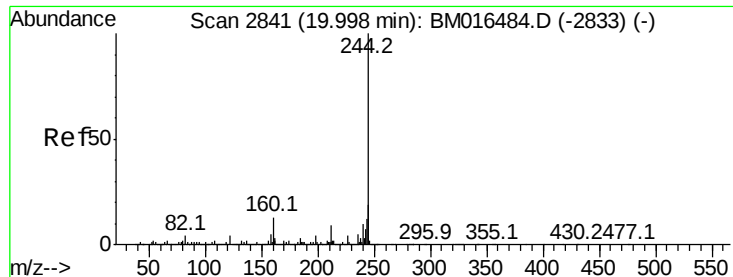
Tot Ion:188 Resp: 1150947
Ion Ratio Lower Upper
188 100
94 3.0 8.7 13.1#
80 3.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM016539.D
Acq: 23 Aug 2018 03:36

Tgt Ion:240 Resp: 1380848
Ion Ratio Lower Upper
240 100
120 2.3 8.2 12.2#
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: 104.877 ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016539.D

Acq: 23 Aug 2018 03:36

Instrument :

BNA_M

ClientSampleId :

PB112247BL

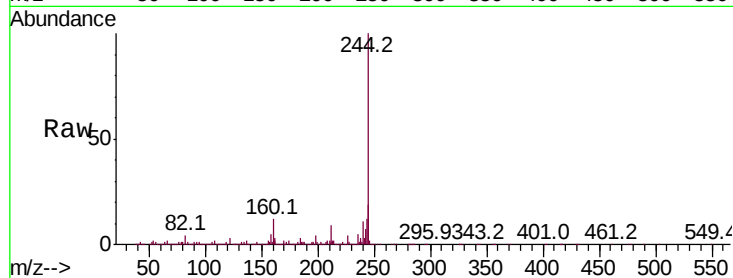
Tot Ion:244 Resp: 6842145

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

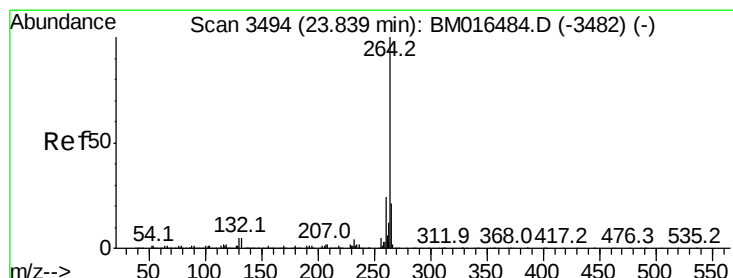
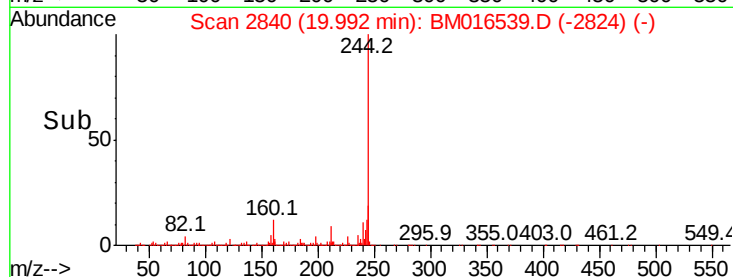
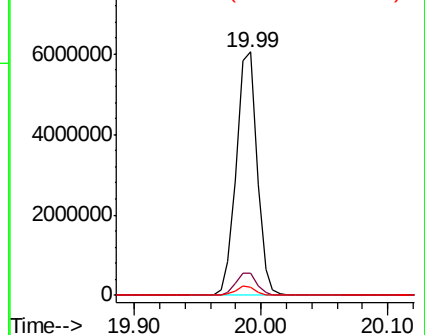
122 3.2 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.83 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM016539.D

Acq: 23 Aug 2018 03:36

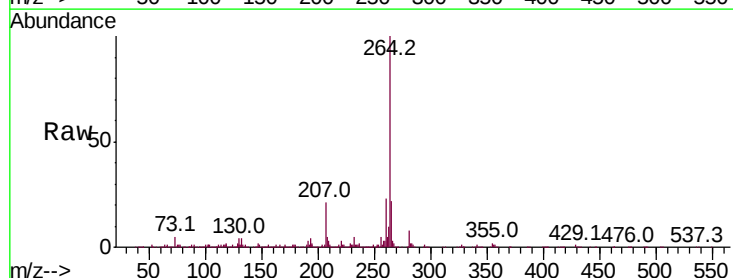
Tgt Ion:264 Resp: 1529452

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.8 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

