

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\
 Data File : BM016563.D
 Acq On : 23 Aug 2018 21:58
 Operator : SJ/JU
 Sample : PB112325BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112325BL

Quant Time: Aug 24 05:20:58 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	8.01	152	149030	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	440184	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	334902	20.00	ng	-0.02
63) Phenanthrene-d10	17.39	188	1095967	20.00	ng	-0.01
75) Chrysene-d12	21.54	240	1258313	20.00	ng	0.00
86) Perylene-d12	23.82	264	1333076	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	727795	95.70	ng	0.00
7) Phenol-d6	7.19	99	893714	88.80	ng	-0.01
23) Nitrobenzene-d5	9.20	82	1125358	116.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.14	330	1006834	107.55	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	4294330	123.25	ng	-0.01
78) Terphenyl-d14	19.99	244	9110698	153.25	ng	-0.01

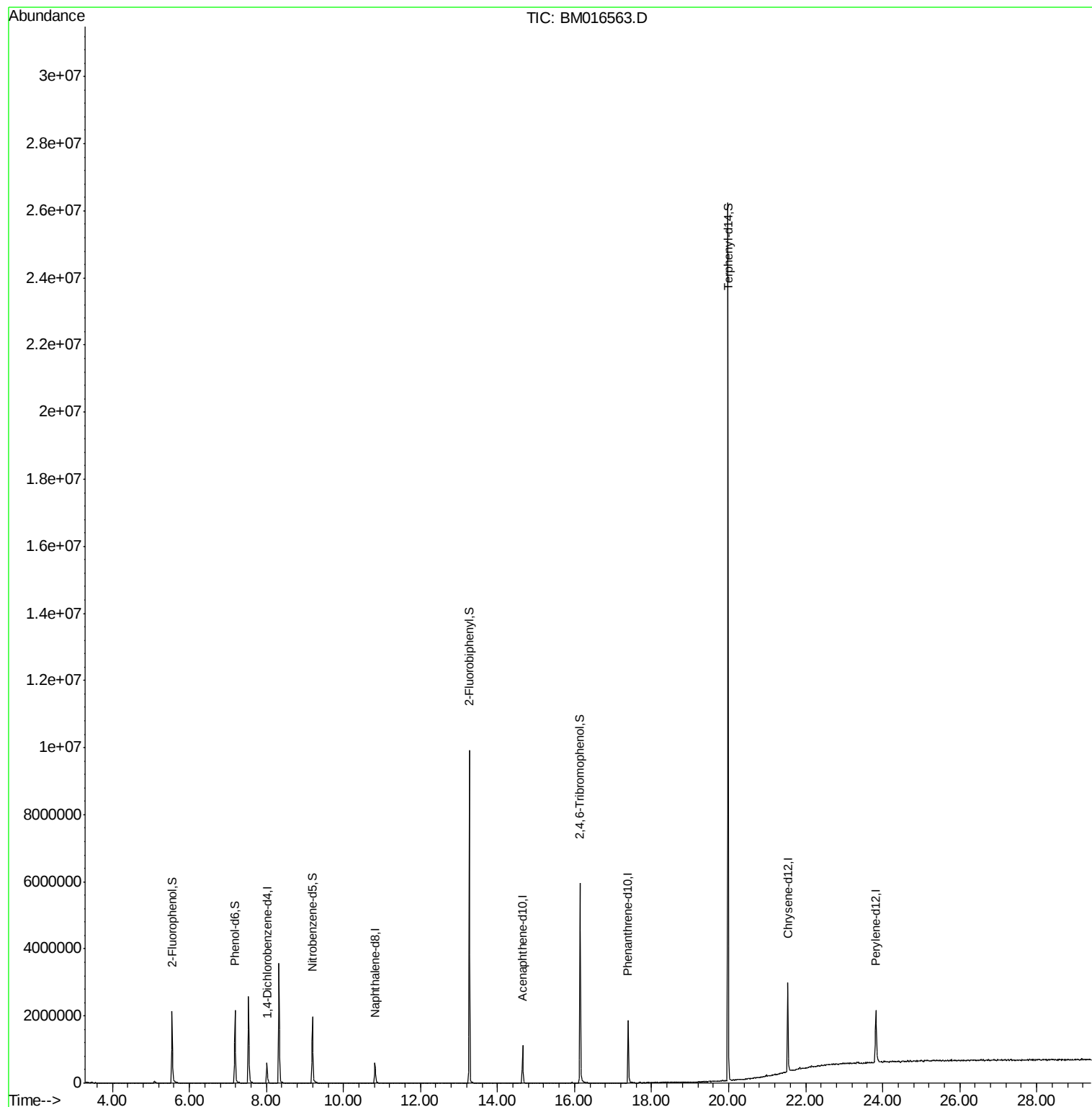
Target Compounds Qvalue

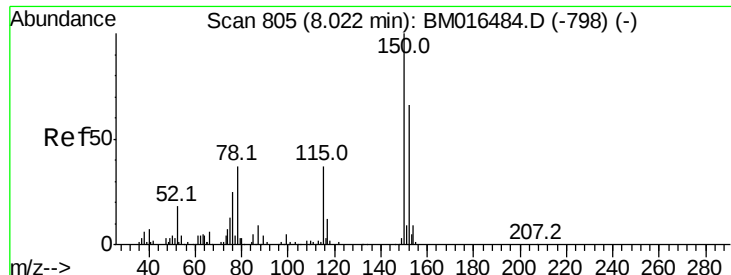
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BM016563.D

Acq: 23 Aug 2018 21:58

Instrument :

BNA_M

ClientSampleId :

PB112325BL

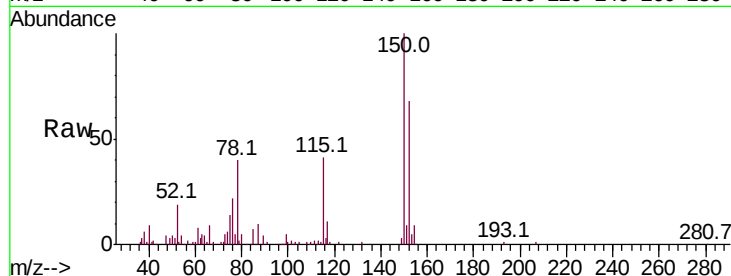
Tot Ion:152 Resp: 149030

Ion Ratio Lower Upper

152 100

150 147.3 119.5 179.3

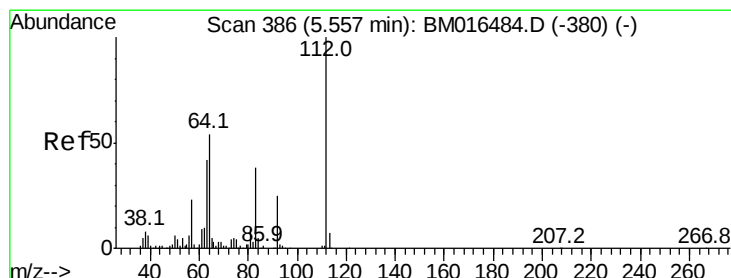
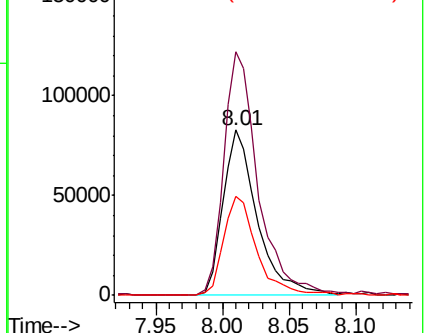
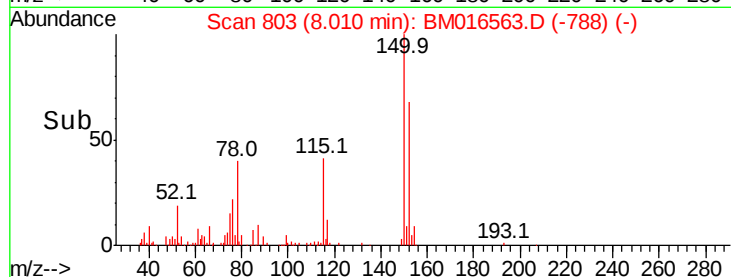
115 59.7 43.0 64.4



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: 95.697 ng

RT: 5.55 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM016563.D

Acq: 23 Aug 2018 21:58

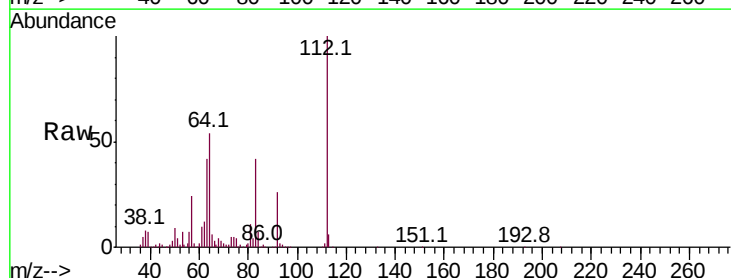
Tgt Ion:112 Resp: 727795

Ion Ratio Lower Upper

112 100

64 54.5 38.6 57.8

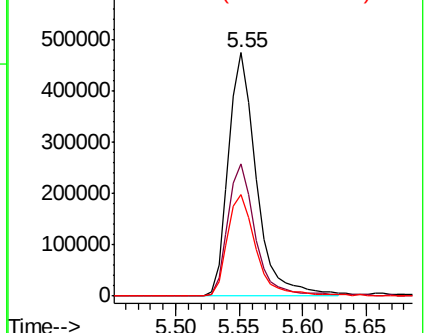
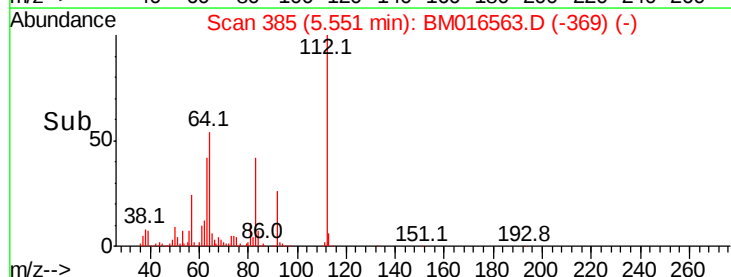
63 41.8 19.3 28.9#

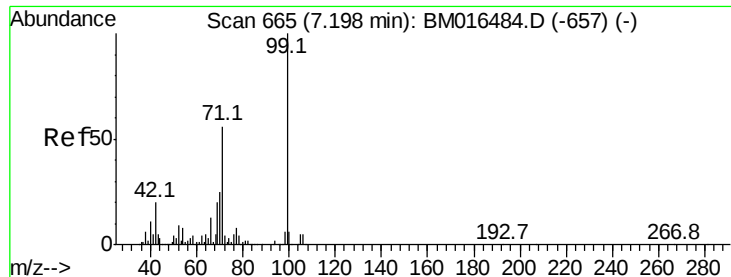


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 88.805 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016563.D

Acq: 23 Aug 2018 21:58

Instrument :

BNA_M

ClientSampleId :

PB112325BL

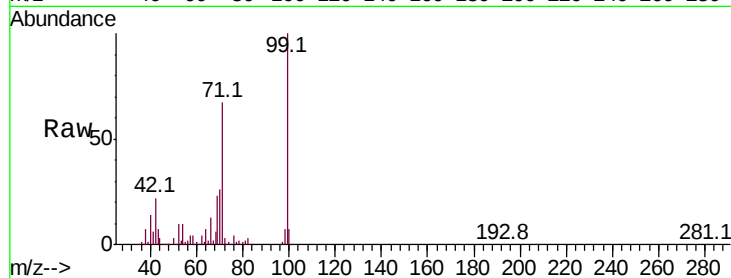
Tot Ion: 99 Resp: 893714

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

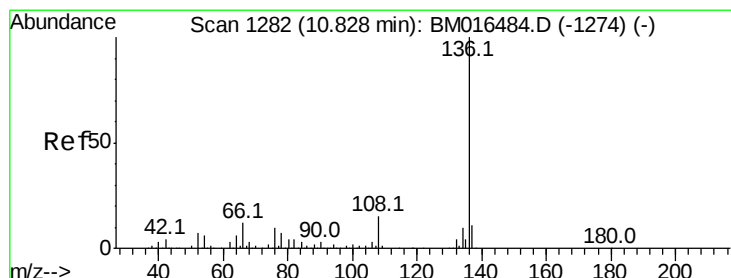
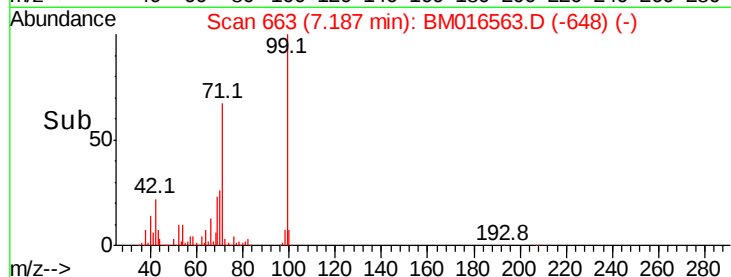
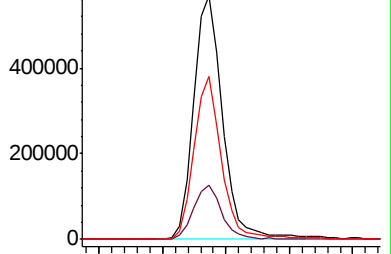
71 66.8 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BM016563.D

Acq: 23 Aug 2018 21:58

Tgt Ion: 136 Resp: 440184

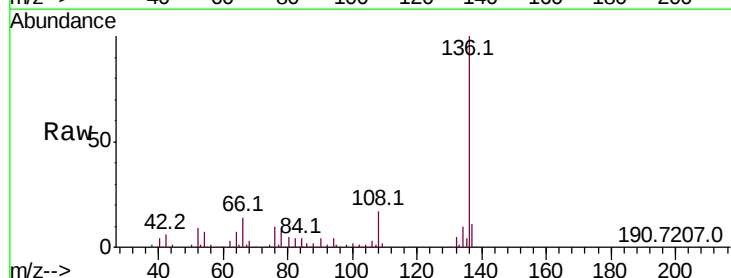
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.6 4.6 6.8

68 3.3 3.7 5.5#

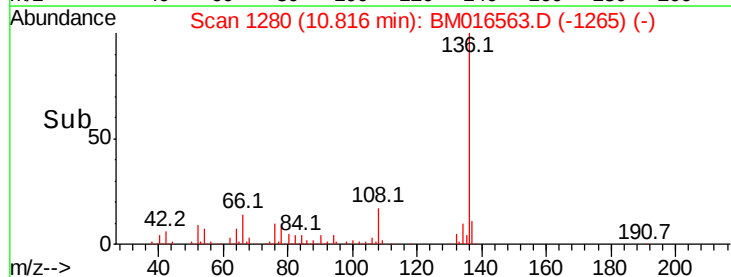
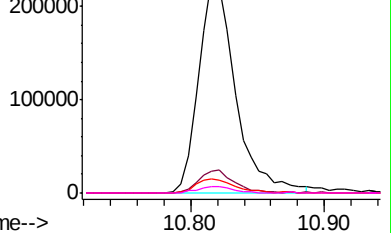


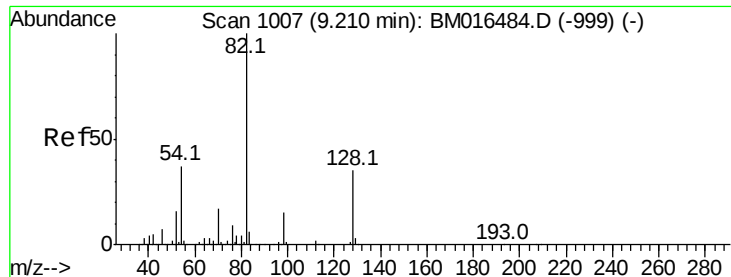
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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) (-)

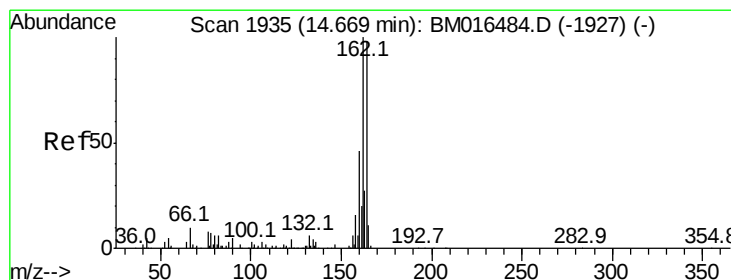
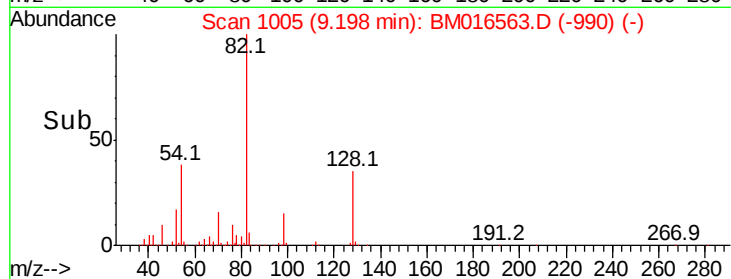
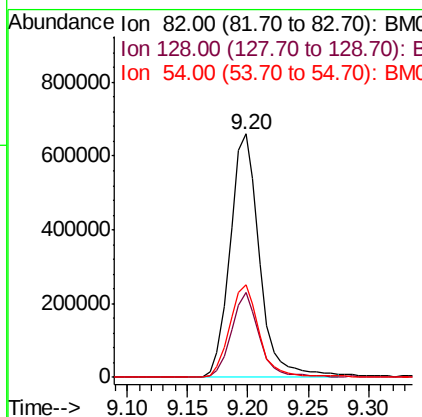
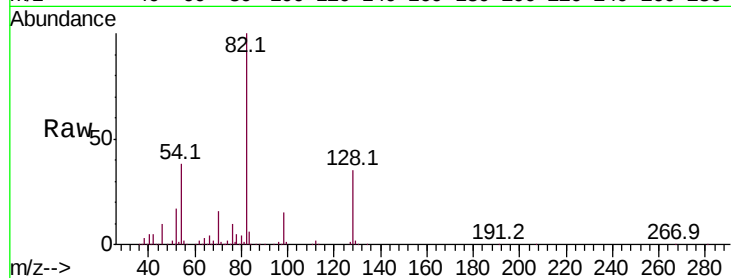




#23
 Nitrobenzene-d5
 Concen: 116.730 ng
 RT: 9.20 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BM016563.D
 Acq: 23 Aug 2018 21:58

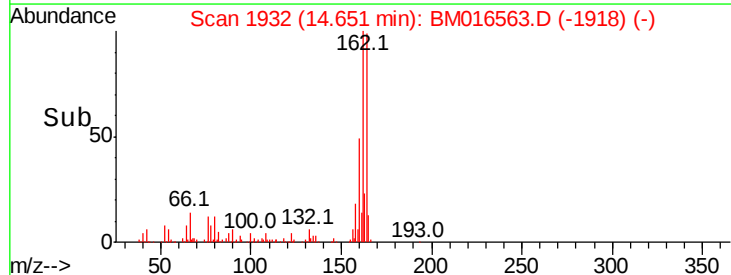
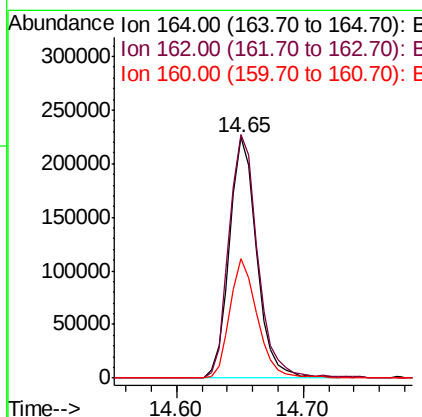
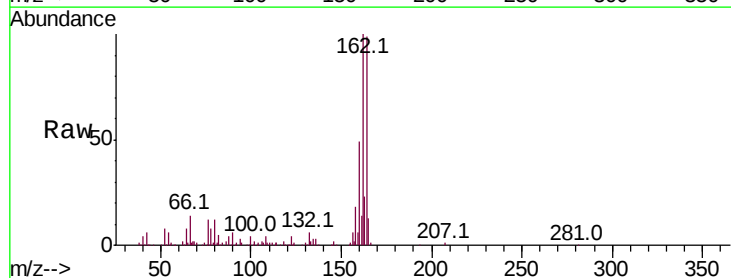
Instrument :
 BNA_M
 ClientSampleId :
 PB112325BL

Tot Ion: 82 Resp: 1125358
 Ion Ratio Lower Upper
 82 100
 128 34.8 32.8 49.2
 54 38.1 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BM016563.D
 Acq: 23 Aug 2018 21:58

Tgt Ion: 164 Resp: 334902
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.4 123.6
 160 49.7 35.8 53.6

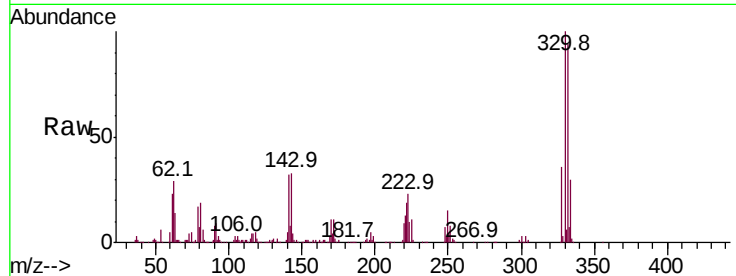




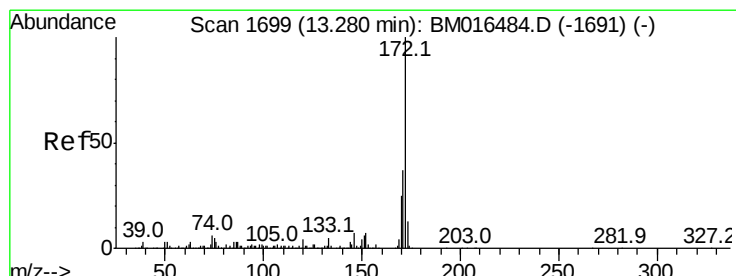
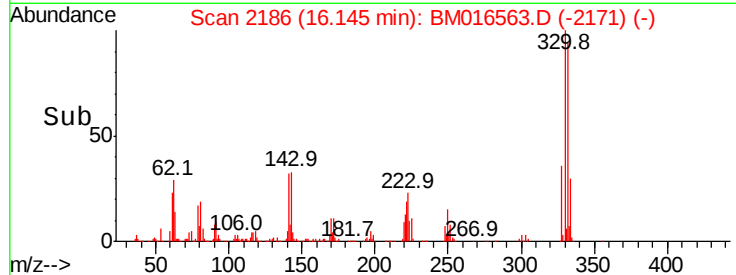
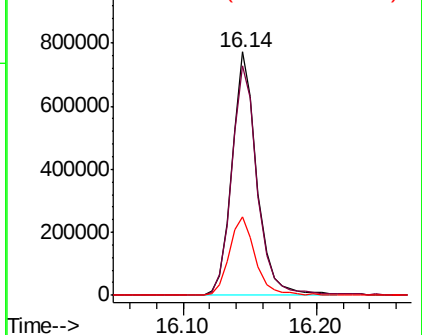
#41
 2,4,6-Tribromophenol
 Concen: 107.546 ng
 RT: 16.14 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BM016563.D
 Acq: 23 Aug 2018 21:58

Instrument :
 BNA_M
 ClientSampleId :
 PB112325BL

Tot Ion:330 Resp: 1006834
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 33.8 0.0 0.0#

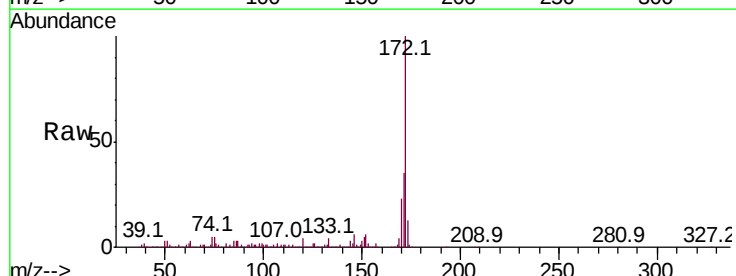


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

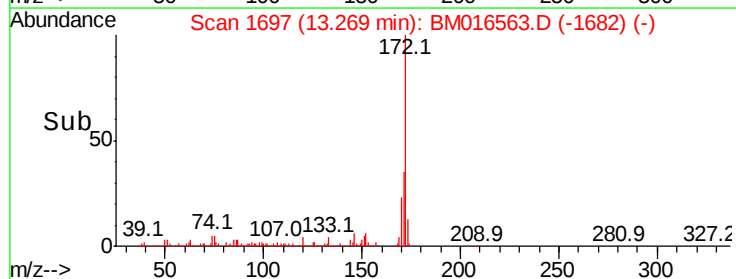
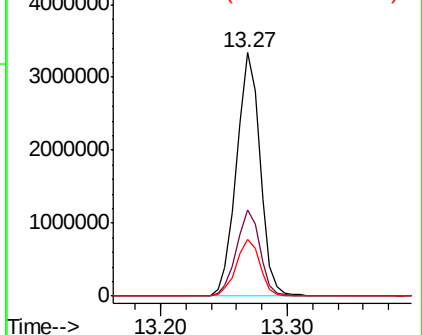


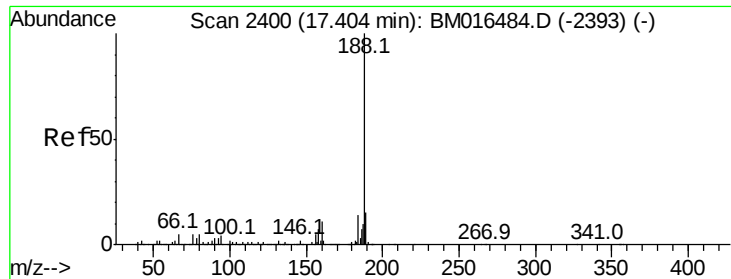
#44
 2-Fluorobiphenyl
 Concen: 123.254 ng
 RT: 13.27 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BM016563.D
 Acq: 23 Aug 2018 21:58

Tgt Ion:172 Resp: 4294330
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.4 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

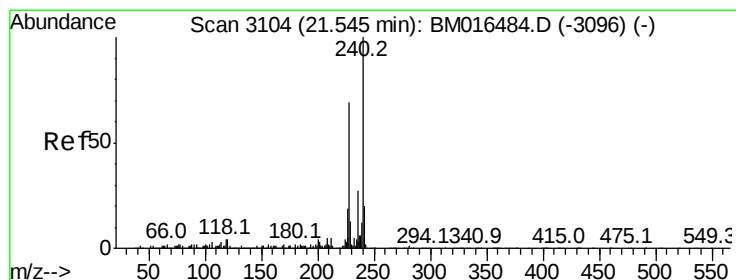
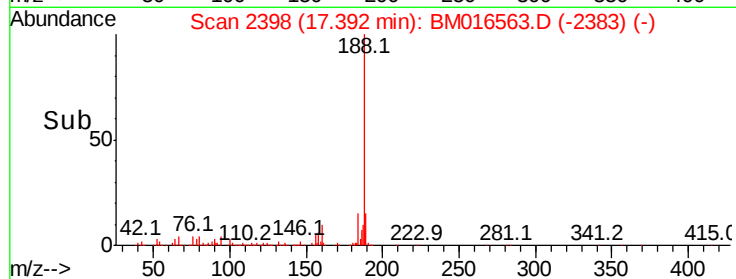
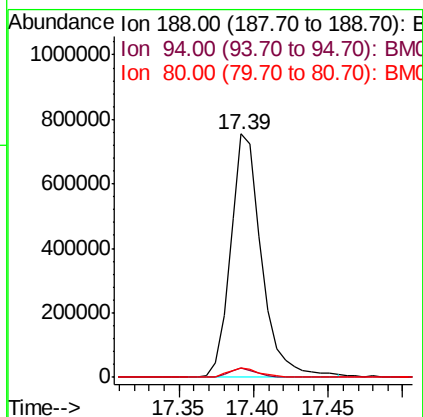
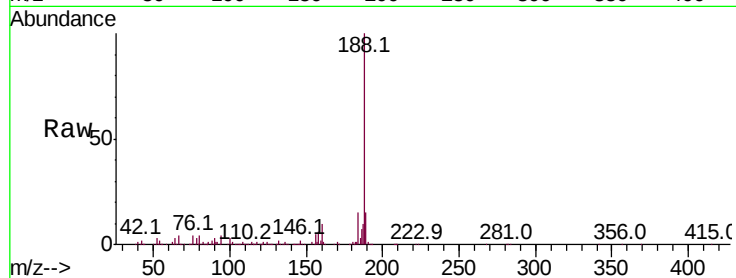




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM016563.D
Acq: 23 Aug 2018 21:58

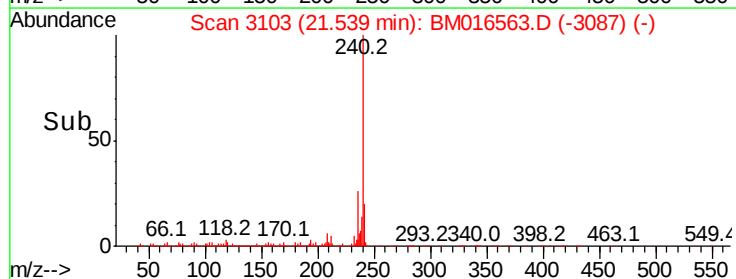
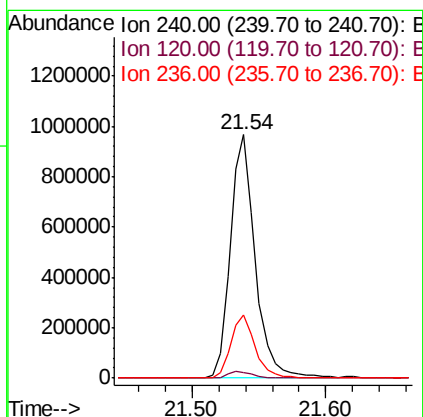
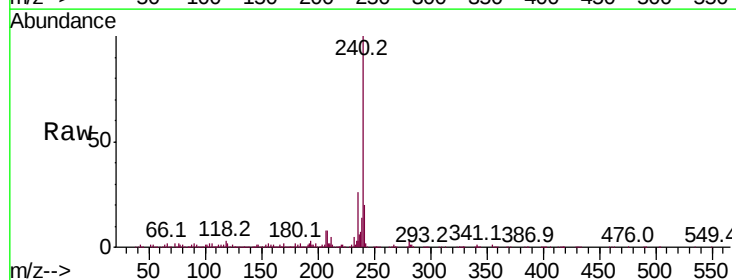
Instrument :
BNA_M
ClientSampleId :
PB112325BL

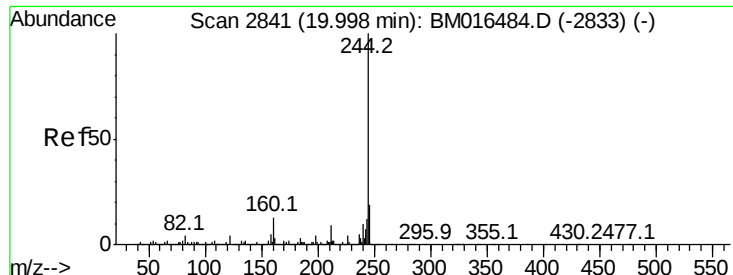
Tot Ion:188 Resp: 1095967
Ion Ratio Lower Upper
188 100
94 3.6 8.7 13.1#
80 3.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016563.D
Acq: 23 Aug 2018 21:58

Tgt Ion:240 Resp: 1258313
Ion Ratio Lower Upper
240 100
120 2.4 8.2 12.2#
236 25.9 20.0 30.0





#78

Terphenyl-d14

Concen: 153.248 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016563.D

Acq: 23 Aug 2018 21:58

Instrument :

BNA_M

ClientSampleId :

PB112325BL

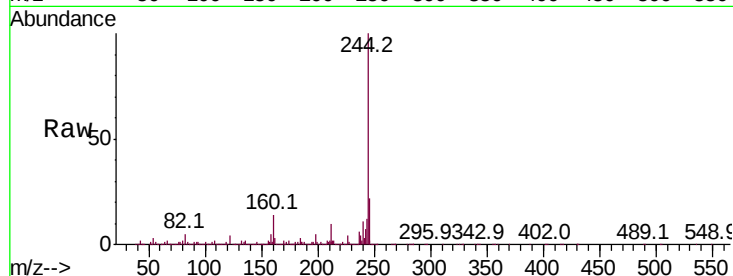
Tot Ion:244 Resp: 9110698

Ion Ratio Lower Upper

244 100

212 10.2 4.9 7.3#

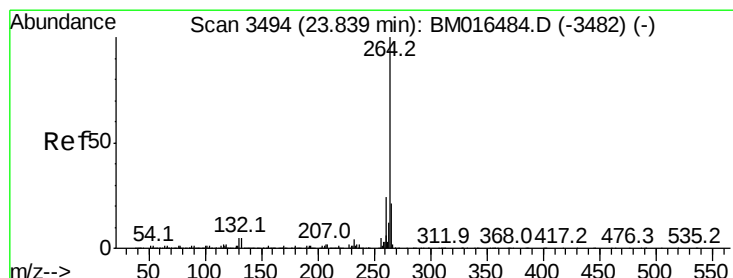
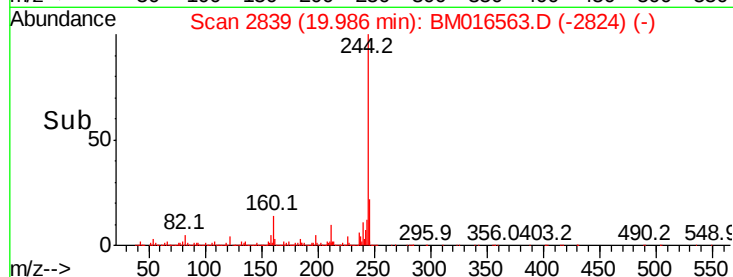
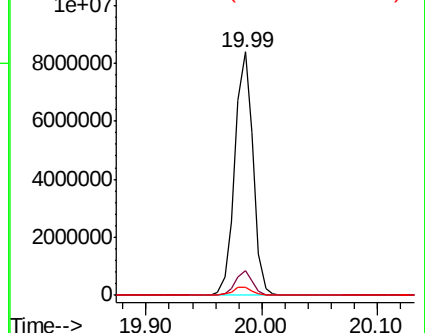
122 3.6 6.2 9.4#



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: 23.82 min Scan# 3491

Delta R.T. -0.02 min

Lab File: BM016563.D

Acq: 23 Aug 2018 21:58

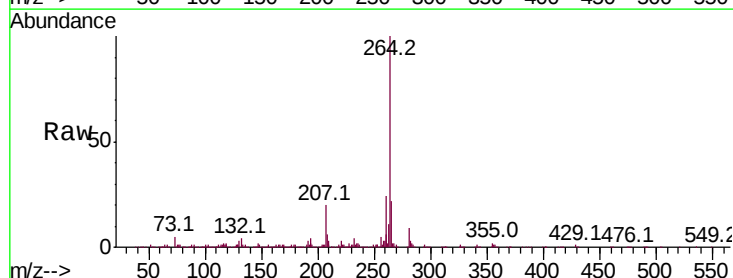
Tgt Ion:264 Resp: 1333076

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.1 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

