

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016599.D
 Acq On : 27 Aug 2018 10:38
 Operator : SJ/JU
 Sample : PB112310BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112310BL

Quant Time: Aug 27 13:03:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	92194	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	298949	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	228133	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	724313	20.00	ng	0.00
75) Chrysene-d12	21.53	240	876819	20.00	ng	0.00
86) Perylene-d12	23.81	264	990349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	501931	106.69	ng	0.00
7) Phenol-d6	7.18	99	618792	99.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	524595	80.12	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	695237	109.02	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1725566	72.71	ng	0.00
78) Terphenyl-d14	19.98	244	4443140	107.25	ng	0.00

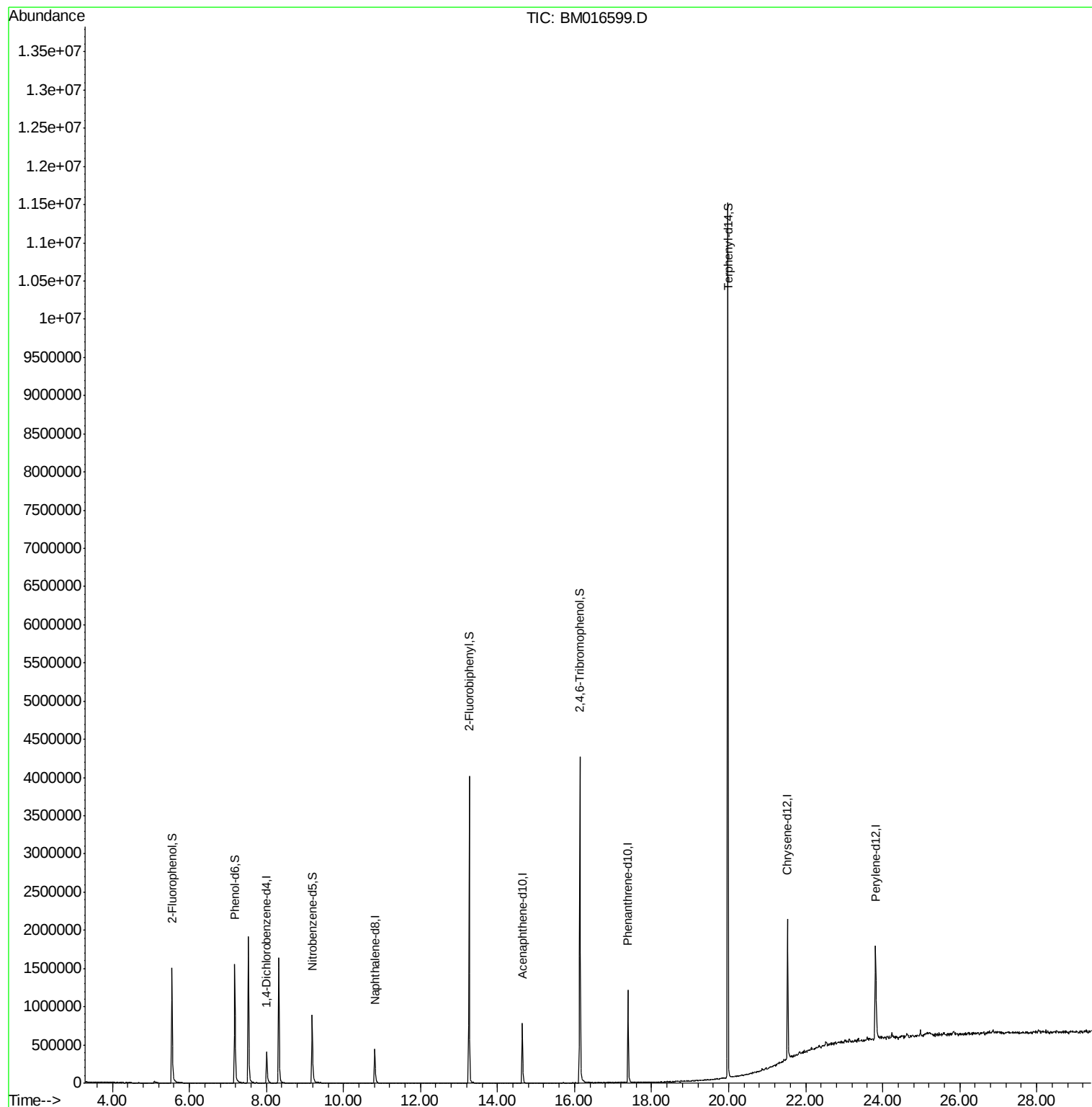
Target Compounds Qvalue

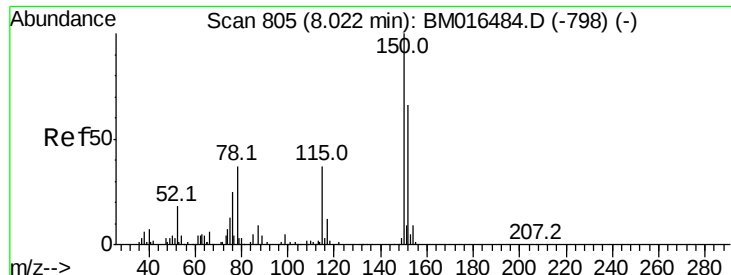
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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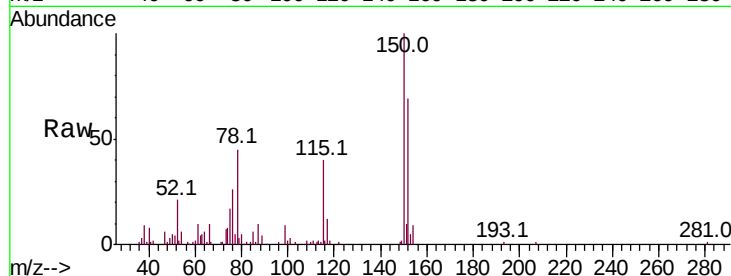


#1

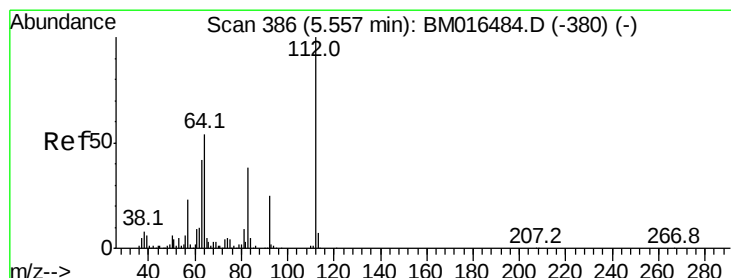
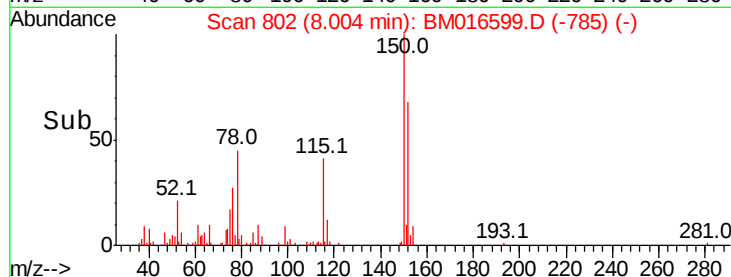
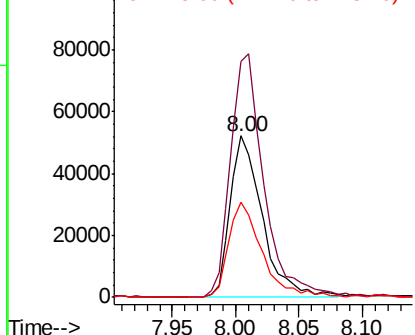
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.00 min
Lab File: BM016599.D
Acq: 27 Aug 2018 10:38

Instrument :
BNA_M
ClientSampleId :
PB112310BL

Tot Ion:152 Resp: 92194
Ion Ratio Lower Upper
152 100
150 145.9 119.5 179.3
115 58.7 43.0 64.4



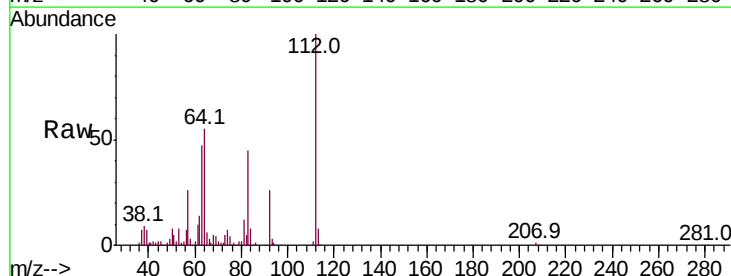
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



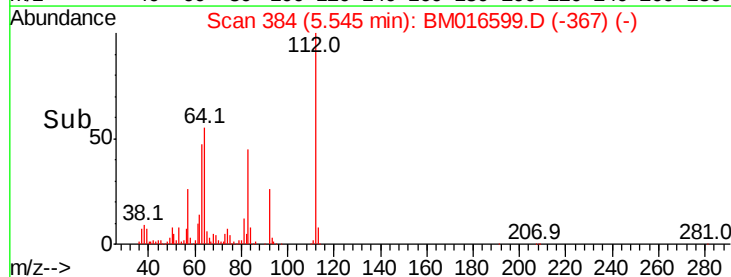
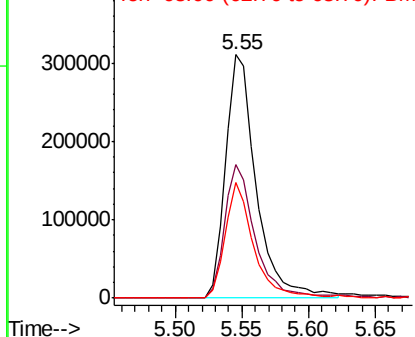
#5

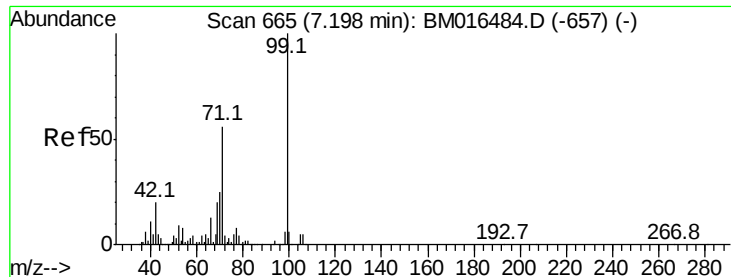
2-Fluorophenol
Concen: 106.686 ng
RT: 5.55 min Scan# 384
Delta R.T. -0.00 min
Lab File: BM016599.D
Acq: 27 Aug 2018 10:38

Tgt Ion:112 Resp: 501931
Ion Ratio Lower Upper
112 100
64 55.0 38.6 57.8
63 47.4 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: 99.393 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016599.D

Acq: 27 Aug 2018 10:38

Instrument :

BNA_M

ClientSampleId :

PB112310BL

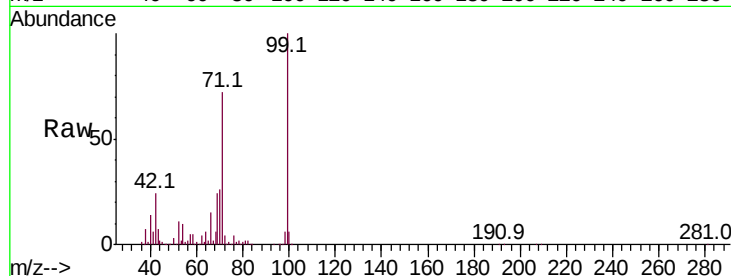
Tot Ion: 99 Resp: 618792

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

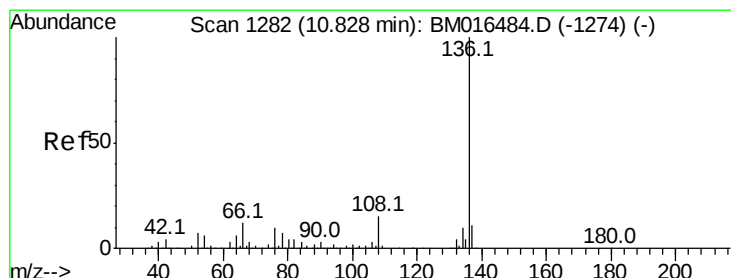
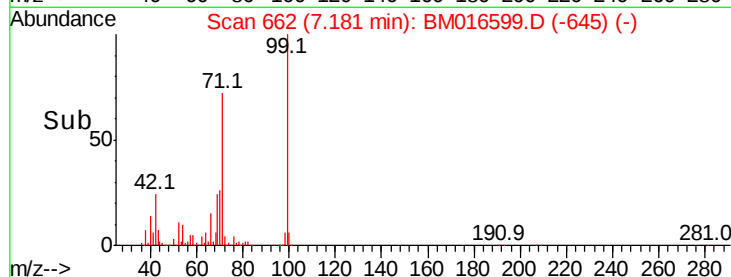
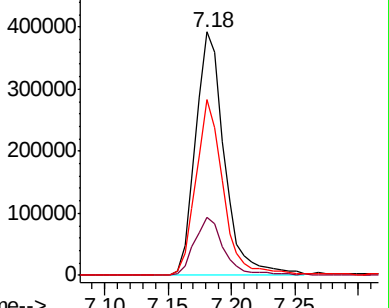
71 72.3 23.4 35.2#



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: 10.81 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM016599.D

Acq: 27 Aug 2018 10:38

Tgt Ion: 136 Resp: 298949

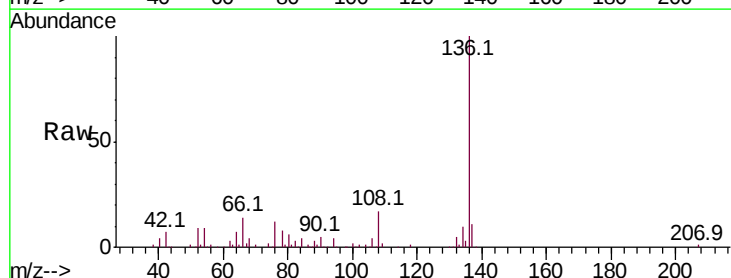
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.2 4.6 6.8#

68 3.7 3.7 5.5

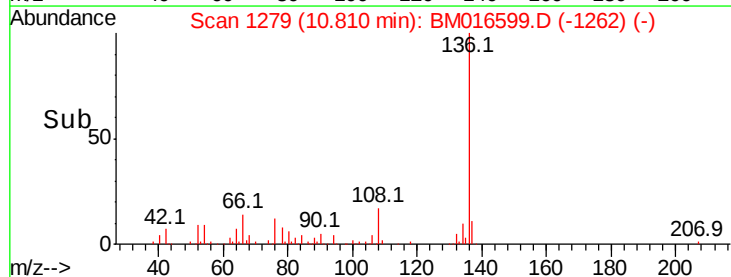
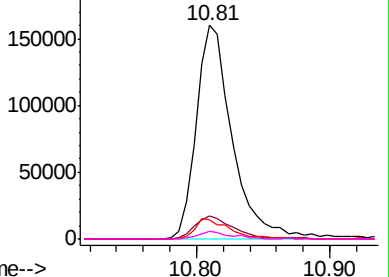


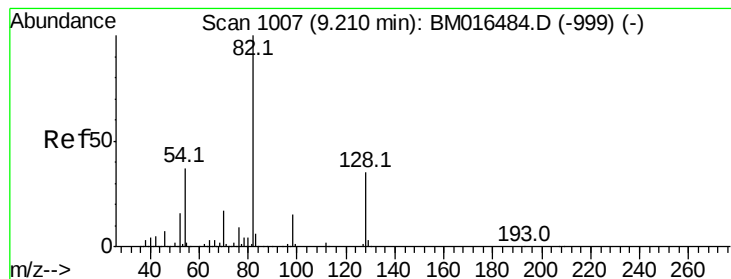
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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: 80.122 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BM016599.D

Acq: 27 Aug 2018 10:38

Instrument :

BNA_M

ClientSampleId :

PB112310BL

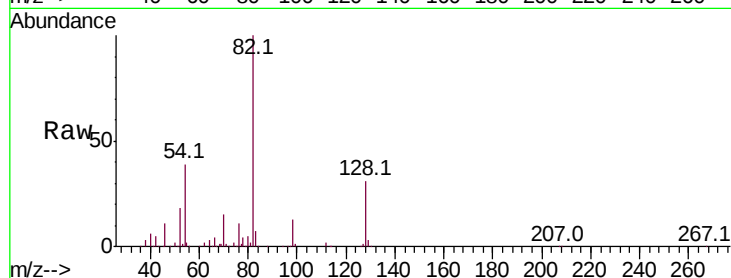
Tot Ion: 82 Resp: 524595

Ion Ratio Lower Upper

82 100

128 30.8 32.8 49.2#

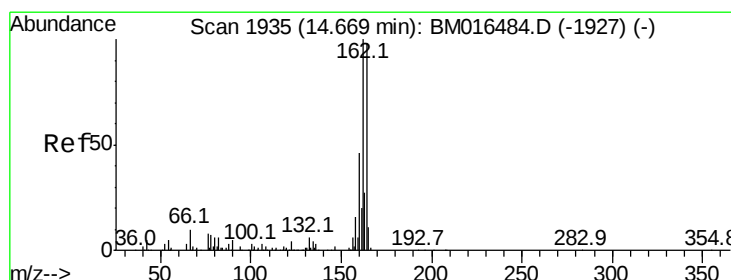
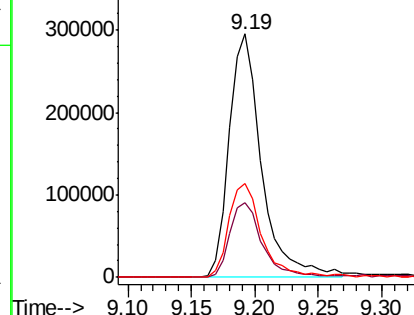
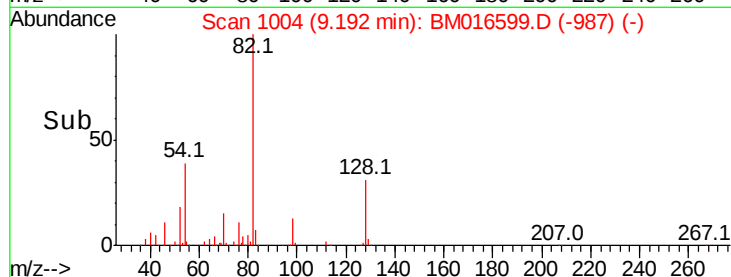
54 38.5 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016599.D (-987) (-)

Ion 128.00 (127.70 to 128.70): BM016599.D (-987) (-)

Ion 54.00 (53.70 to 54.70): BM016599.D (-987) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BM016599.D

Acq: 27 Aug 2018 10:38

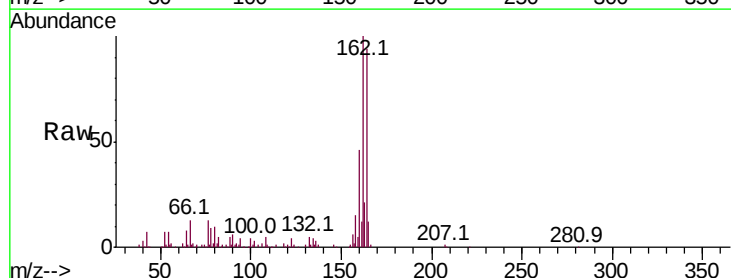
Tgt Ion: 164 Resp: 228133

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

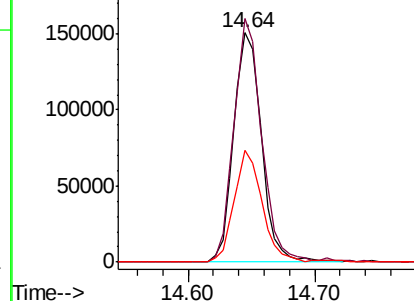
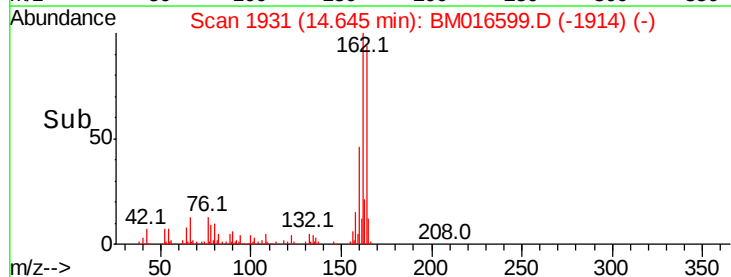
160 48.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016599.D (-1914) (-)

Ion 162.00 (161.70 to 162.70): BM016599.D (-1914) (-)

Ion 160.00 (159.70 to 160.70): BM016599.D (-1914) (-)

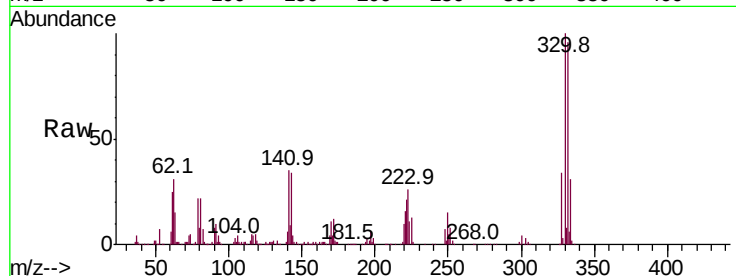




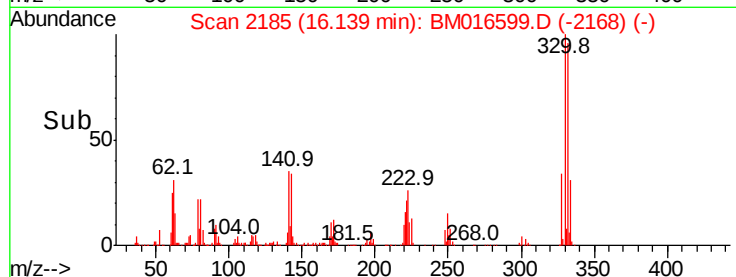
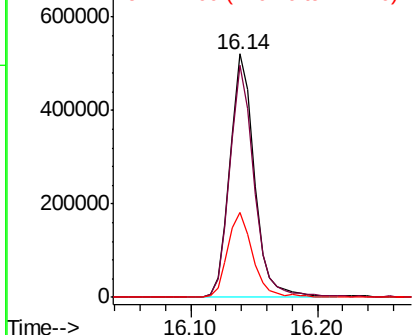
#41
 2,4,6-Tribromophenol
 Concen: 109.018 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BM016599.D
 Acq: 27 Aug 2018 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB112310BL

Tot Ion:330 Resp: 695237
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 35.7 0.0 0.0#

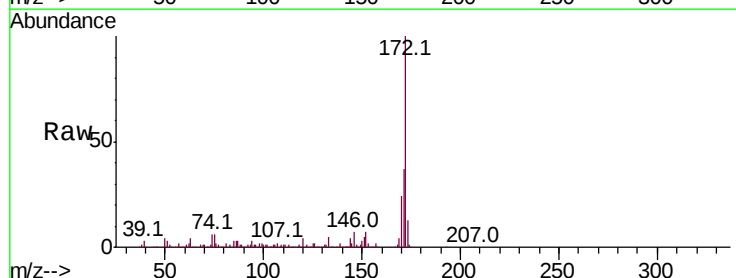


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

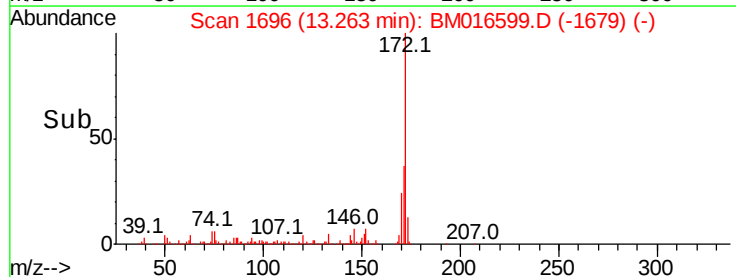
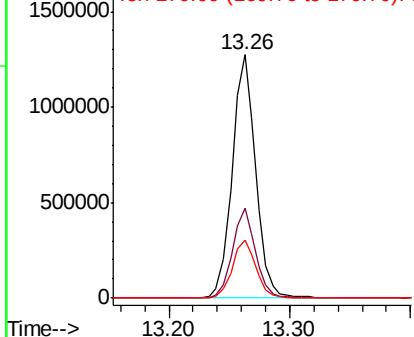


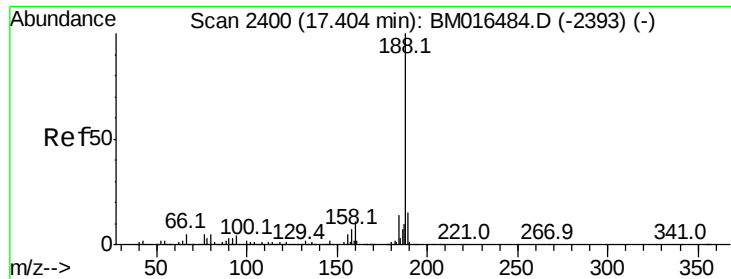
#44
 2-Fluorobiphenyl
 Concen: 72.706 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM016599.D
 Acq: 27 Aug 2018 10:38

Tgt Ion:172 Resp: 1725566
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.5 42.7
 170 23.9 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

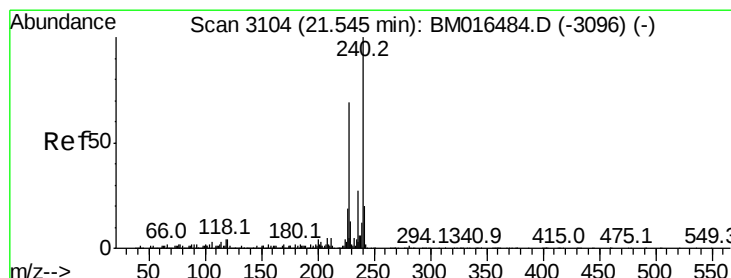
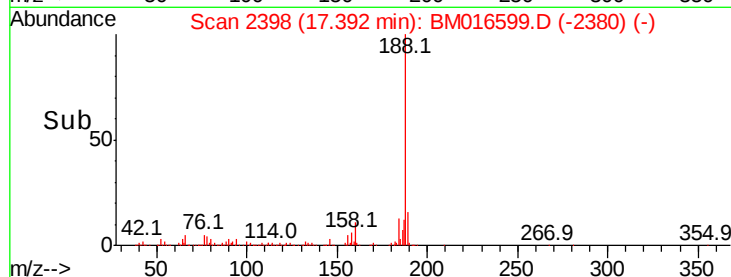
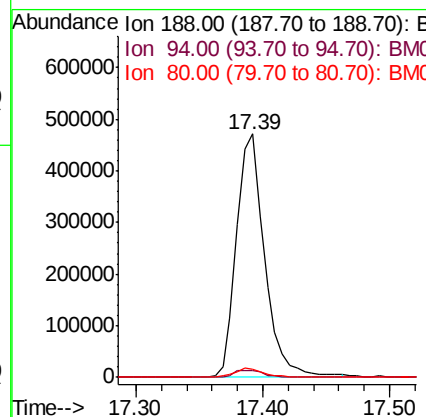
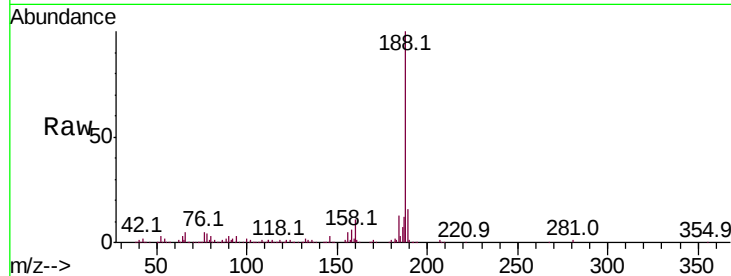




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BM016599.D
Acq: 27 Aug 2018 10:38

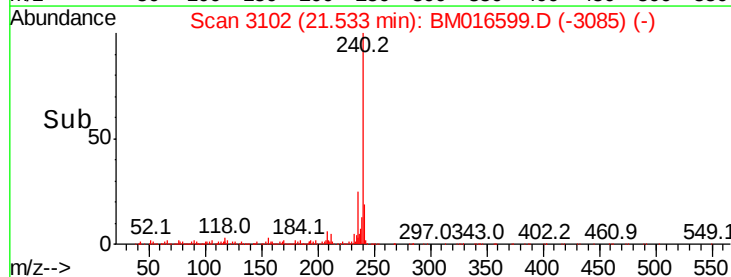
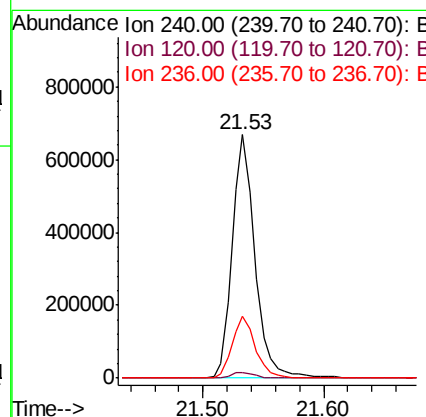
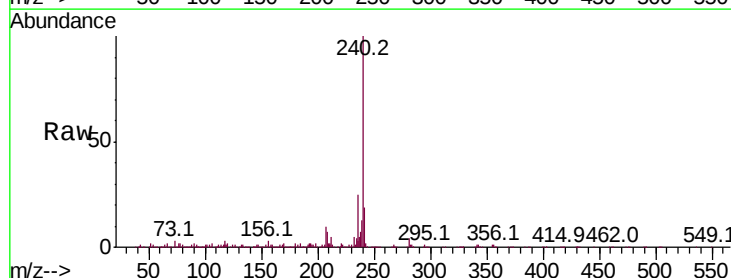
Instrument :
BNA_M
ClientSampleId :
PB112310BL

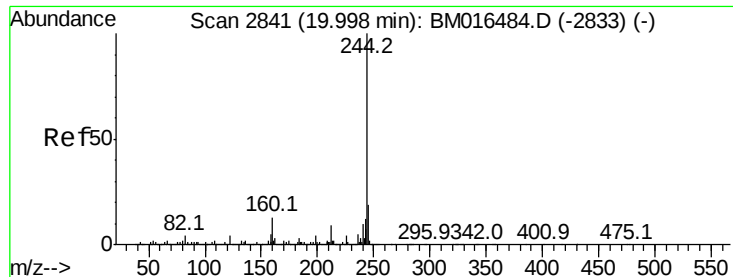
Tot Ion:188 Resp: 724313
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 3.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM016599.D
Acq: 27 Aug 2018 10:38

Tgt Ion:240 Resp: 876819
Ion Ratio Lower Upper
240 100
120 2.3 8.2 12.2#
236 25.4 20.0 30.0





#78

Terphenyl-d14

Concen: 107.254 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016599.D

Acq: 27 Aug 2018 10:38

Instrument :

BNA_M

ClientSampleId :

PB112310BL

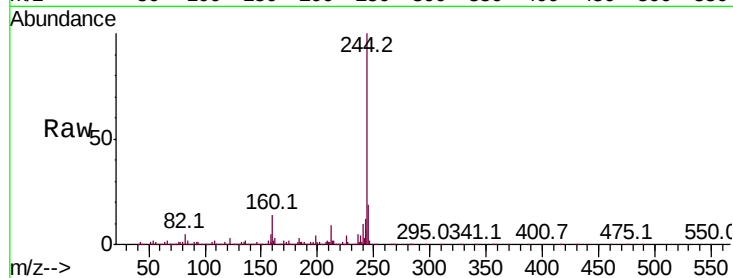
Tot Ion:244 Resp: 4443140

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

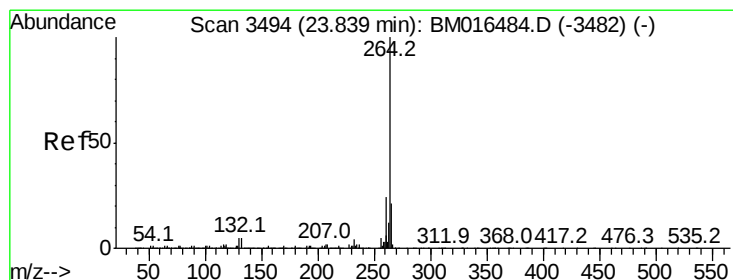
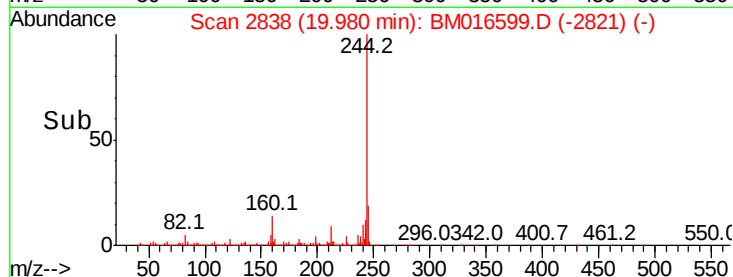
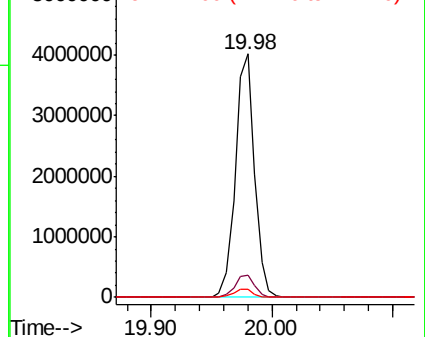
122 3.2 6.2 9.4#



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: 23.81 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BM016599.D

Acq: 27 Aug 2018 10:38

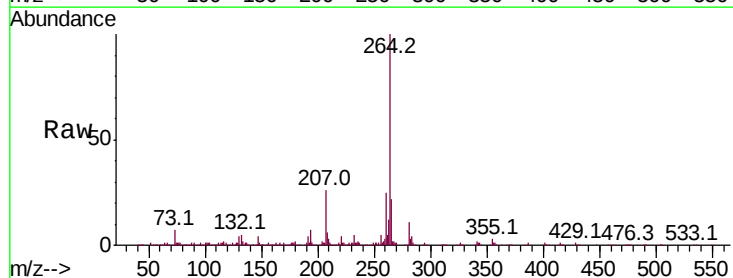
Tgt Ion:264 Resp: 990349

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 22.0 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

