

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017271.D
 Acq On : 20 Oct 2018 18:39
 Operator : MJ/SJ
 Sample : PB113963BL
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BL

Quant Time: Oct 22 06:44:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	329257	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1297436	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	768050	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1761973	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1550450	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1350975	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2676443	137.48	ng	0.00
7) Phenol-d6	6.85	99	3507720	132.30	ng	0.00
23) Nitrobenzene-d5	8.82	82	2061003	92.91	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1084083	104.37	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4999900	86.62	ng	-0.01
79) Terphenyl-d14	19.70	244	7094083	103.13	ng	0.00

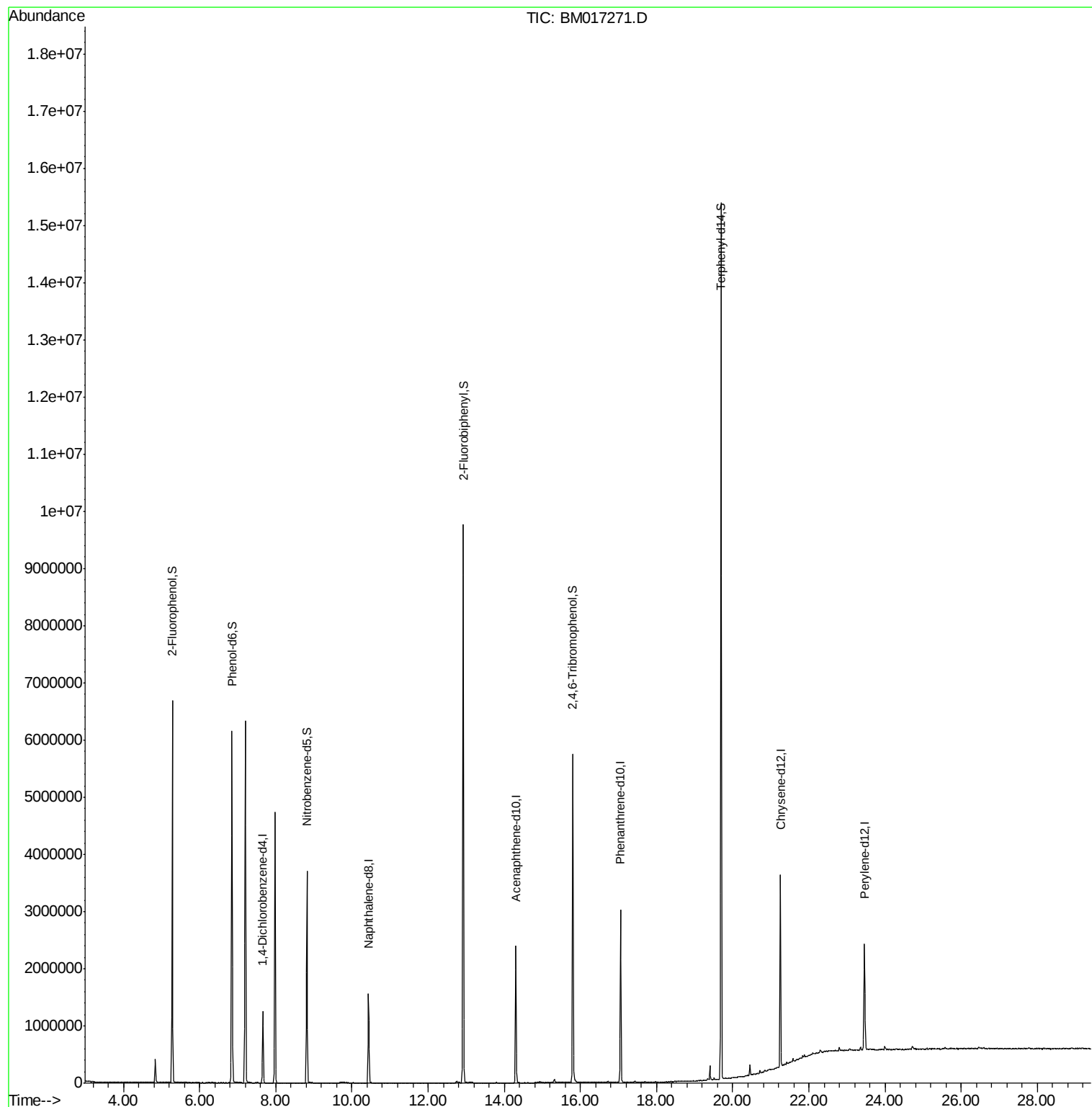
Target Compounds	Qvalue
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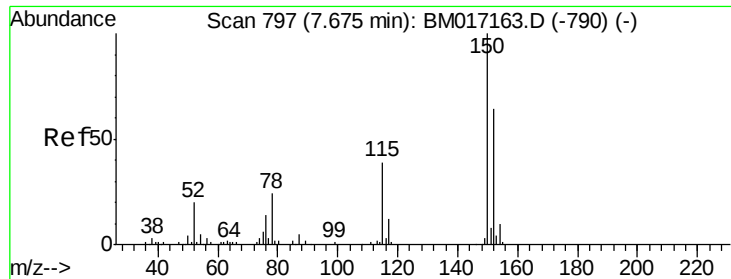
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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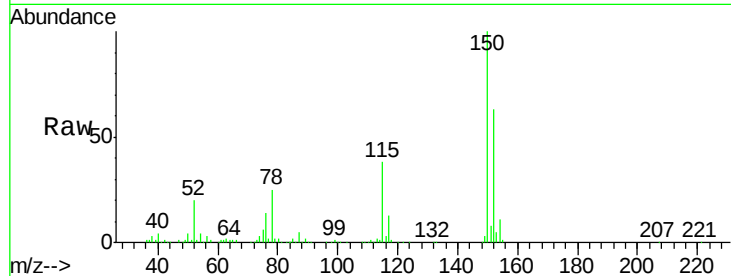


#1

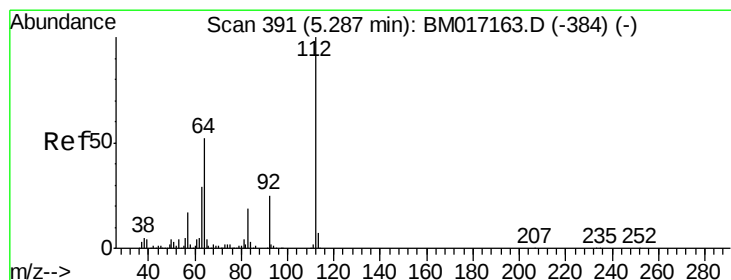
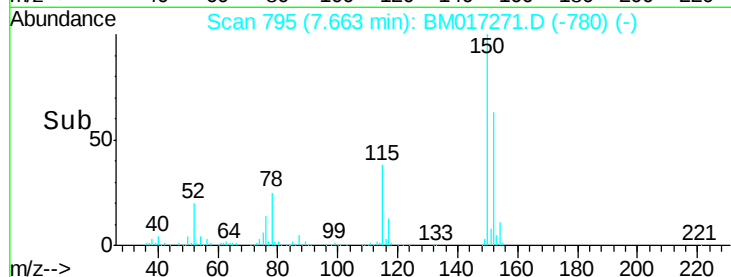
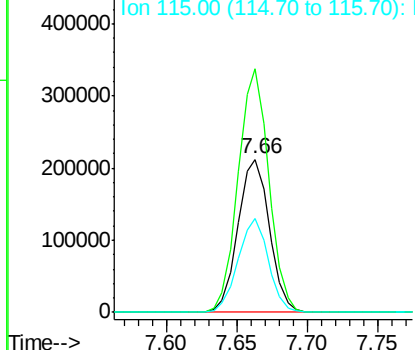
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017271.D
Acq: 20 Oct 2018 18:39

Instrument :
BNA_M
ClientSampleId :
PB113963BL

Tgt Ion:152 Resp: 329257
Ion Ratio Lower Upper
152 100
150 158.8 124.3 186.5
115 61.1 48.1 72.1



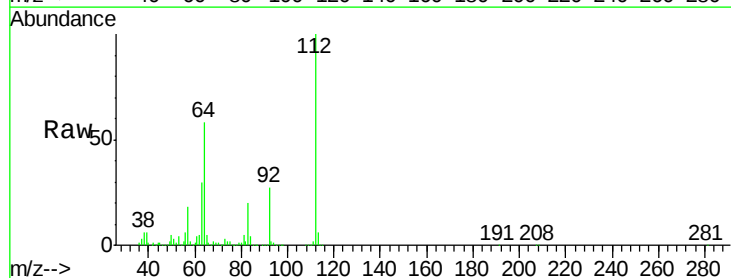
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



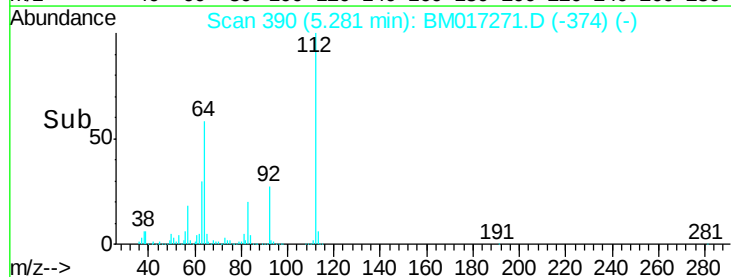
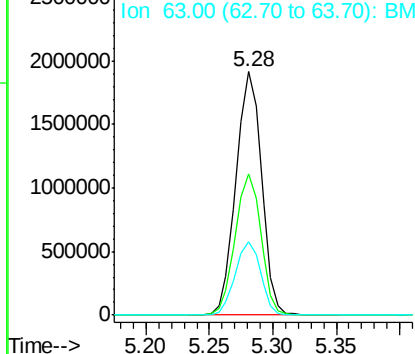
#5

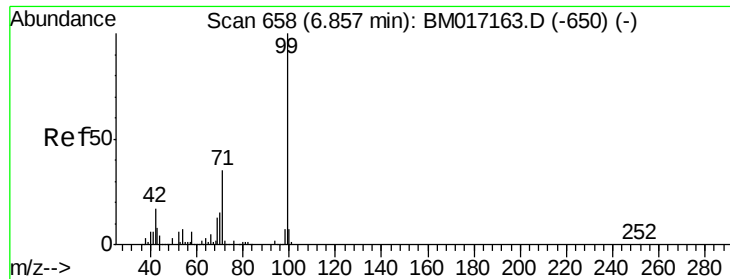
2-Fluorophenol
Concen: 137.484 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017271.D
Acq: 20 Oct 2018 18:39

Tgt Ion:112 Resp: 2676443
Ion Ratio Lower Upper
112 100
64 58.2 41.7 62.5
63 30.4 23.0 34.4



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: 132.300 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017271.D

Acq: 20 Oct 2018 18:39

Instrument :

BNA_M

ClientSampleId :

PB113963BL

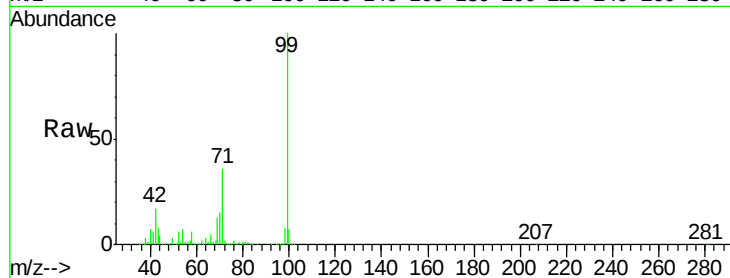
Tgt Ion: 99 Resp: 3507720

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

71 35.8 28.0 42.0

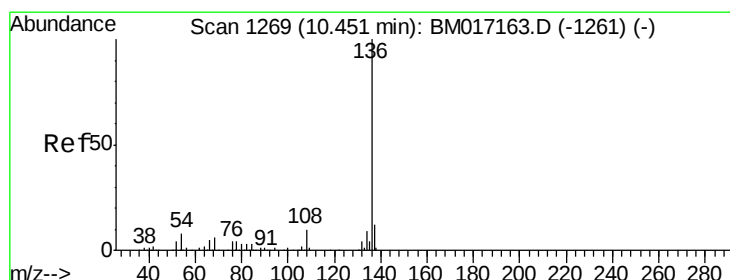
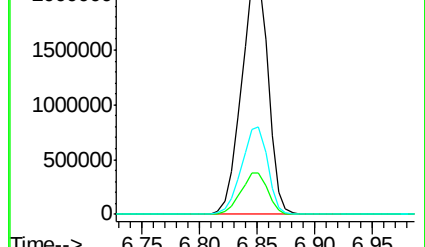
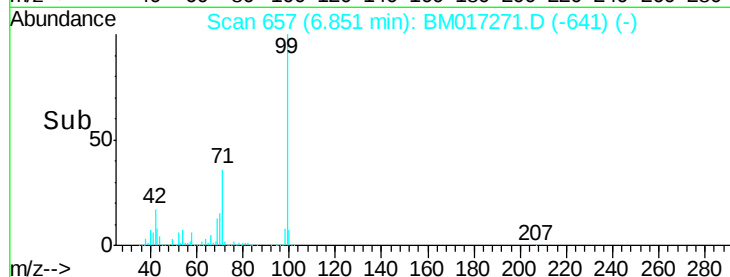


Abundance Ion 99.00 (98.70 to 99.70): BM017271.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017271.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017271.D (-641) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017271.D

Acq: 20 Oct 2018 18:39

Tgt Ion: 136 Resp: 1297436

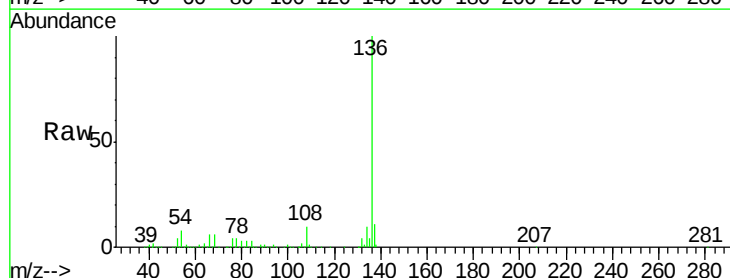
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 8.0 6.7 10.1

68 5.7 4.7 7.1



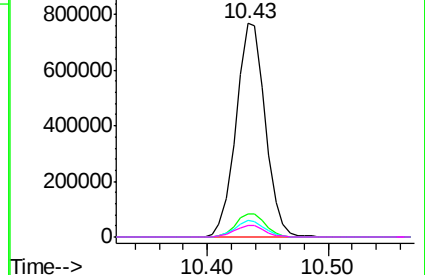
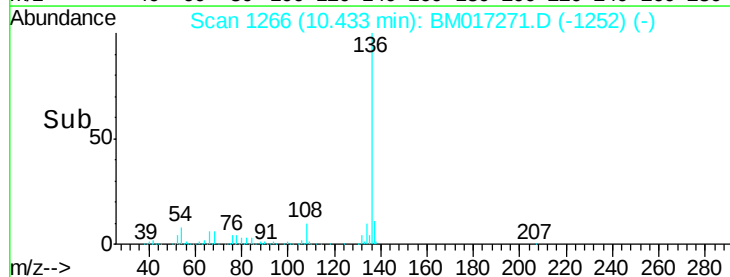
Abundance Ion 136.00 (135.70 to 136.70): BM017271.D (-1252) (-)

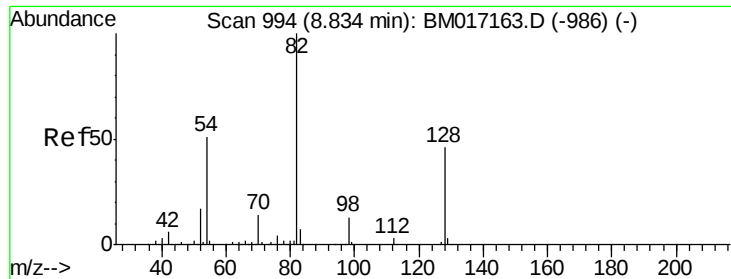
Ion 137.00 (136.70 to 137.70): BM017271.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM017271.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM017271.D (-1252) (-)

Time-->

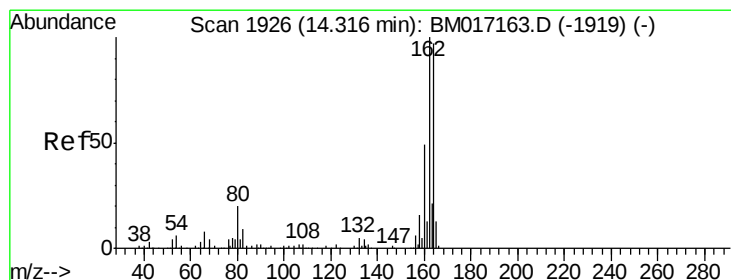
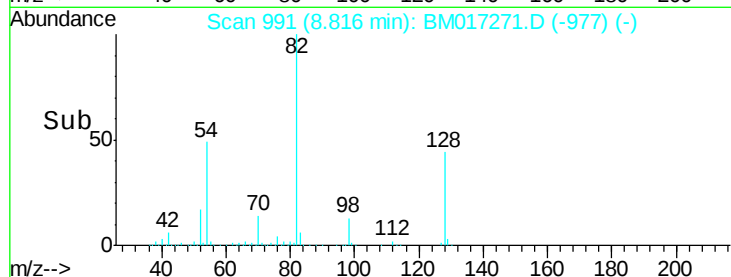
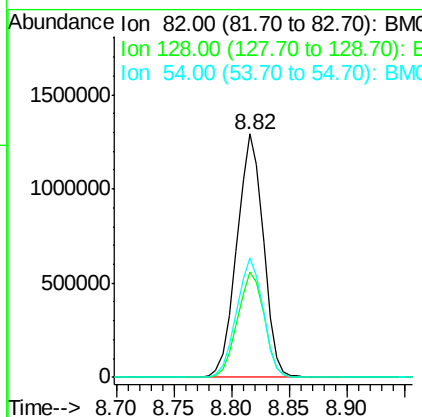
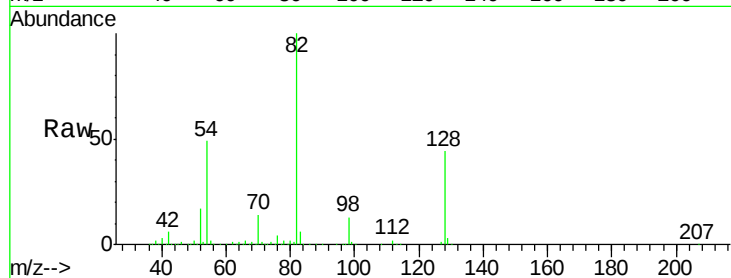




#23
Nitrobenzene-d5
Concen: 92.906 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017271.D
Acq: 20 Oct 2018 18:39

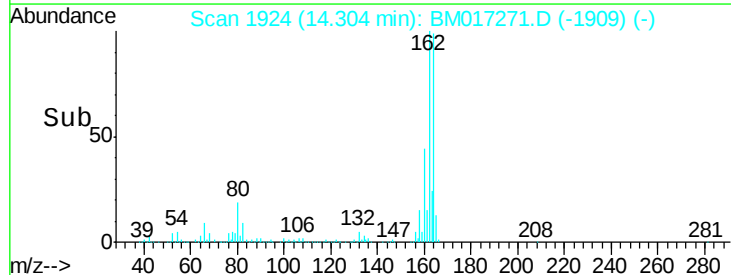
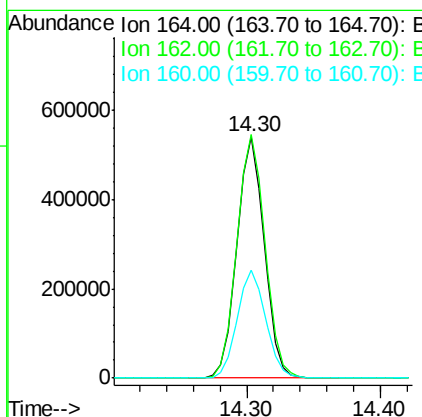
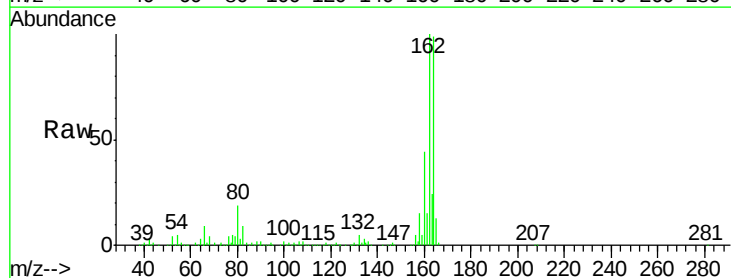
Instrument :
BNA_M
ClientSampleId :
PB113963BL

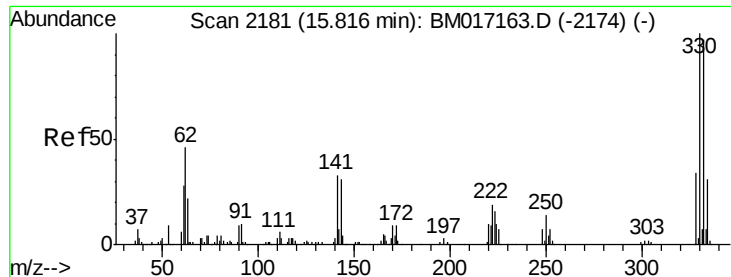
Tgt Ion: 82 Resp: 2061003
Ion Ratio Lower Upper
82 100
128 43.5 37.0 55.6
54 49.0 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017271.D
Acq: 20 Oct 2018 18:39

Tgt Ion: 164 Resp: 768050
Ion Ratio Lower Upper
164 100
162 100.9 82.1 123.1
160 44.6 40.2 60.2

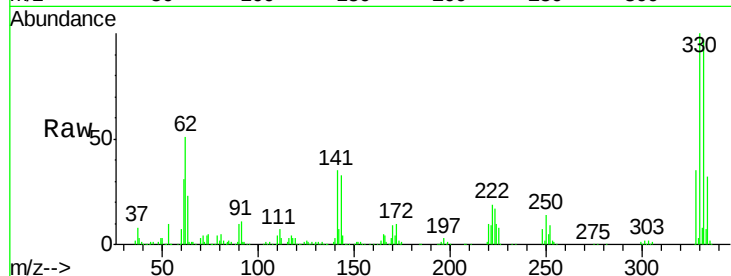




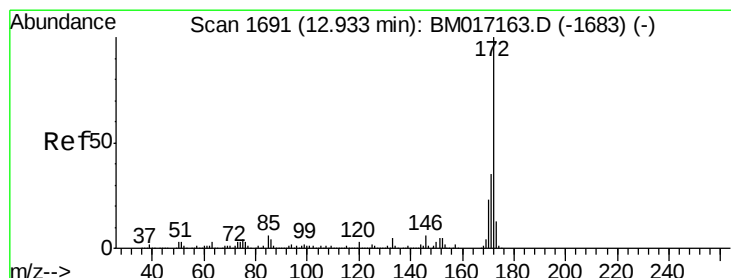
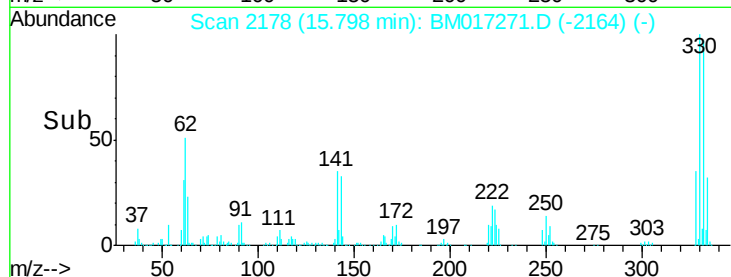
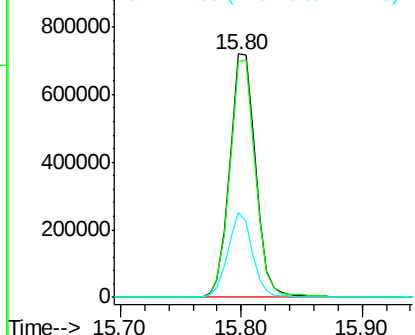
#42
 2,4,6-Tribromophenol
 Concen: 104.372 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017271.D
 Acq: 20 Oct 2018 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BL

Tgt Ion:330 Resp: 1084083
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 33.1 27.4 41.0

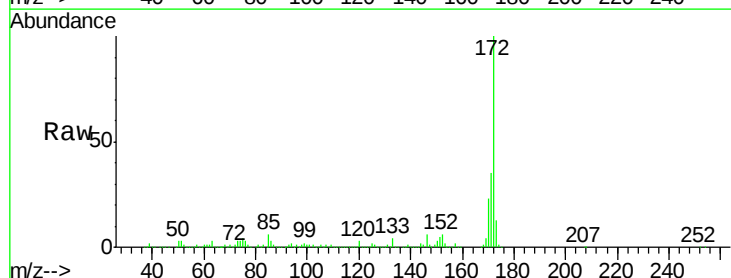


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

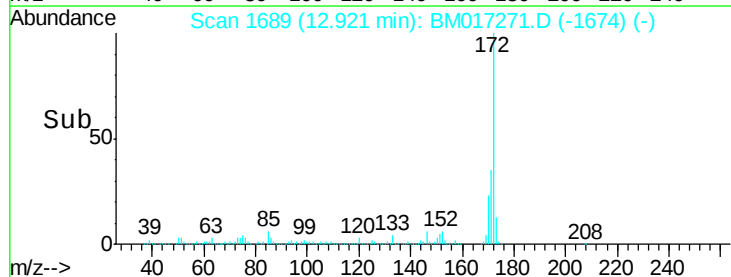
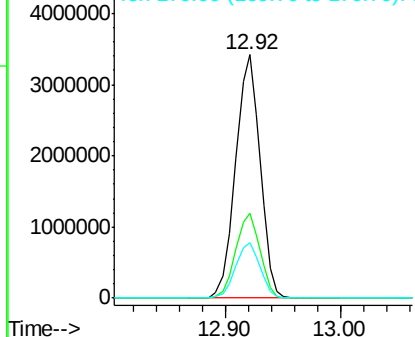


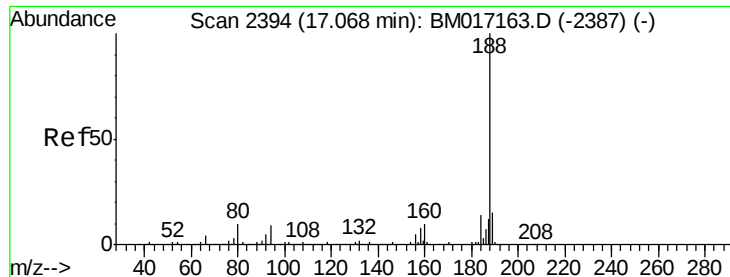
#45
 2-Fluorobiphenyl
 Concen: 86.617 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017271.D
 Acq: 20 Oct 2018 18:39

Tgt Ion:172 Resp: 4999900
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 22.8 18.3 27.5



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: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017271.D

Acq: 20 Oct 2018 18:39

Instrument :

BNA_M

ClientSampleId :

PB113963BL

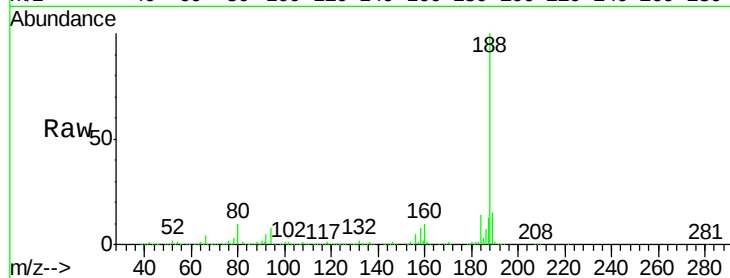
Tgt Ion:188 Resp: 1761973

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

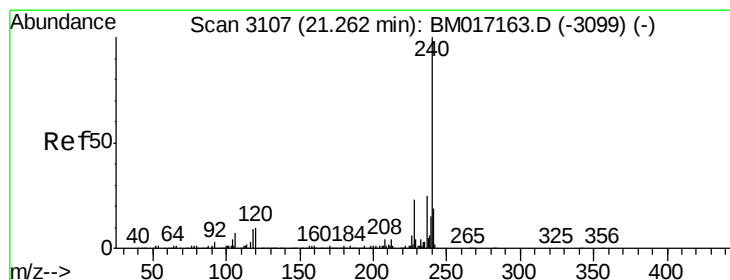
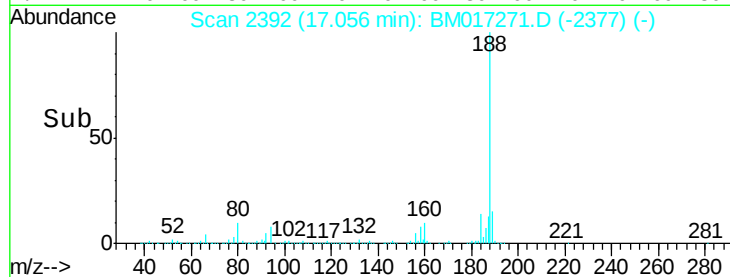
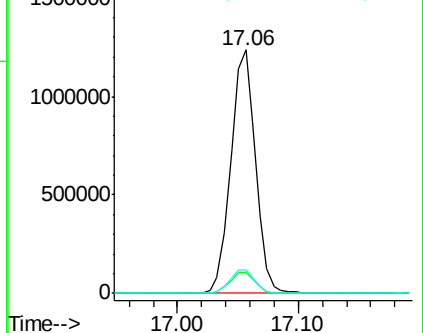
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017271.D

Acq: 20 Oct 2018 18:39

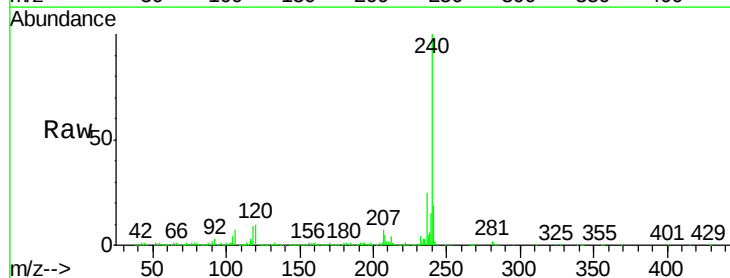
Tgt Ion:240 Resp: 1550450

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

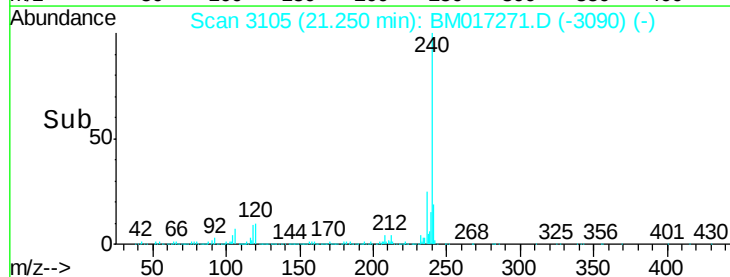
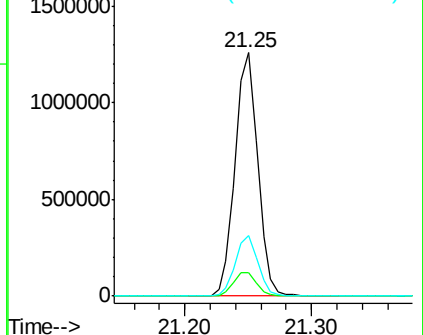
236 24.7 19.9 29.9

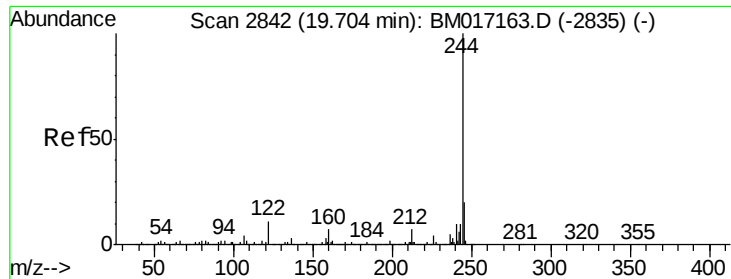


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

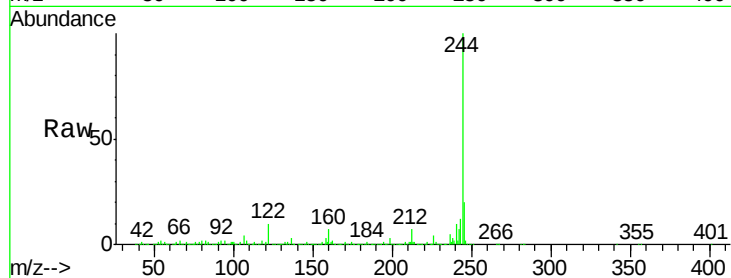




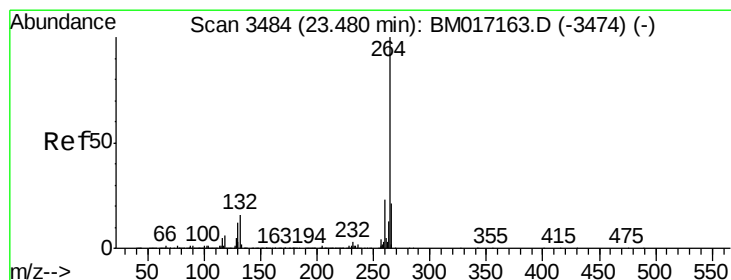
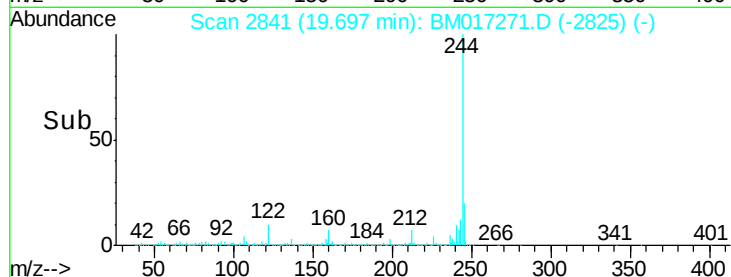
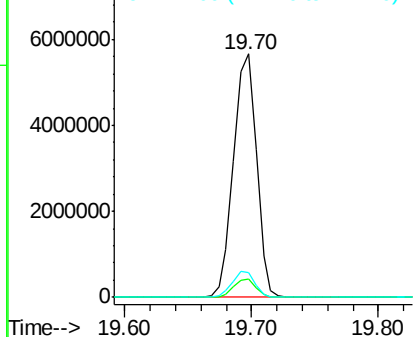
#79
 Terphenyl-d14
 Concen: 103.132 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017271.D
 Acq: 20 Oct 2018 18:39

Instrument :
 BNA_M
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 PB113963BL

Tgt Ion:244 Resp: 7094083
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.1 8.4 12.6

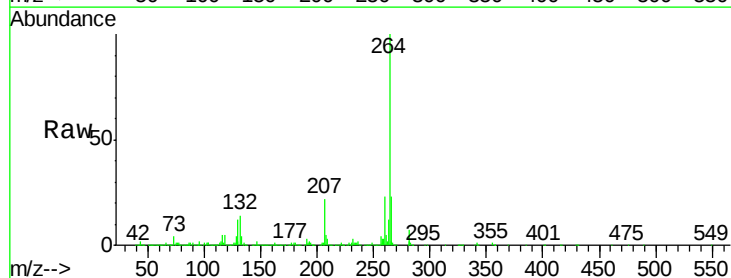


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3481
 Delta R.T. -0.02 min
 Lab File: BM017271.D
 Acq: 20 Oct 2018 18:39

Tgt Ion:264 Resp: 1350975
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 22.6 17.8 26.8



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

