

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
 Data File : BM017287.D
 Acq On : 23 Oct 2018 16:35
 Operator : MJ/SJ
 Sample : PB114097BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114097BL

Quant Time: Oct 24 12:16:23 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	285954	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1126612	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	657254	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1591529	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1778804	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1525977	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2003900	118.52	ng	0.00
7) Phenol-d6	6.85	99	2632329	114.32	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1565948	81.29	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1175863	132.29	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3732614	75.56	ng	-0.02
79) Terphenyl-d14	19.69	244	6331744	80.23	ng	-0.01

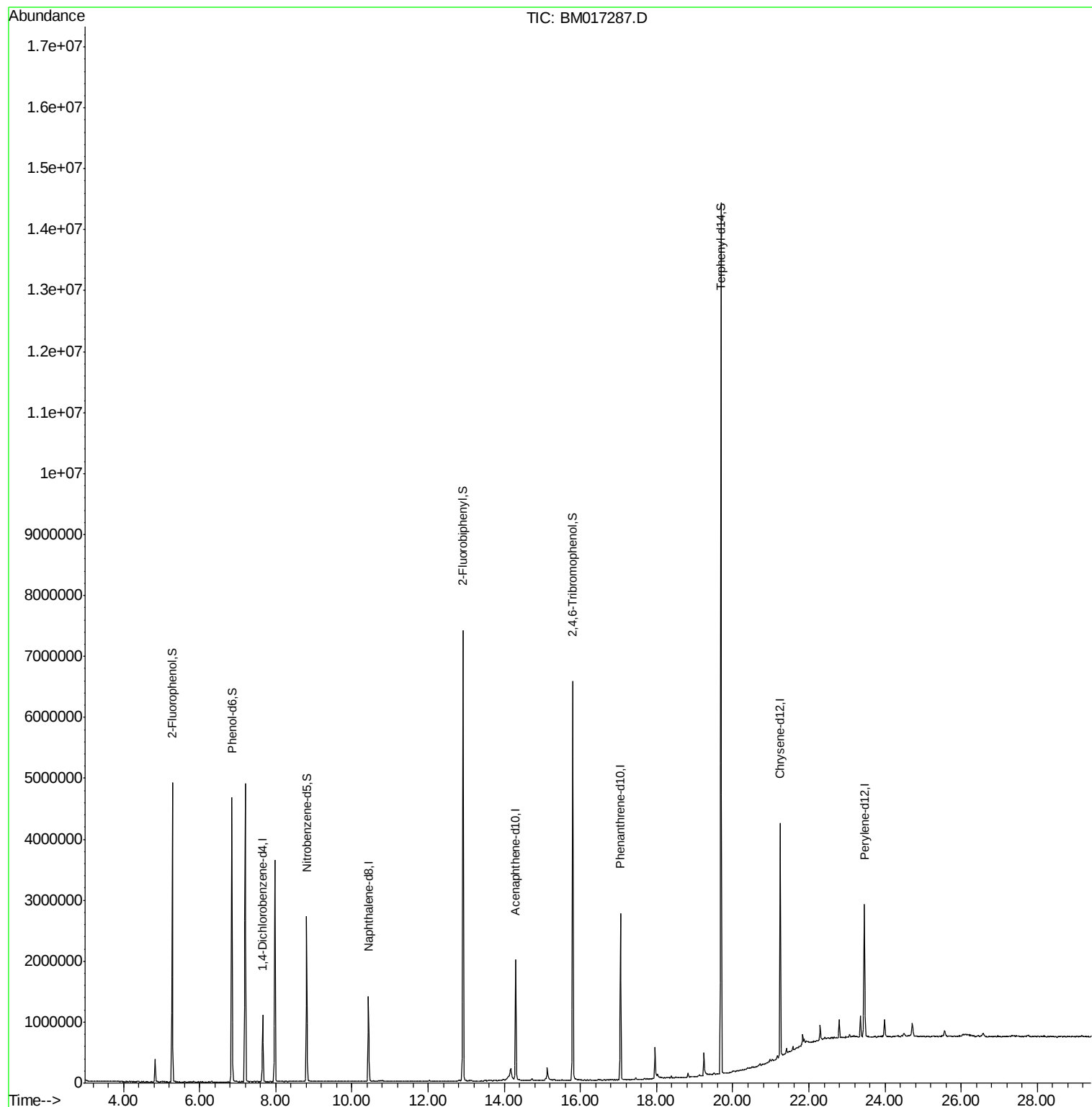
Target Compounds	Qvalue
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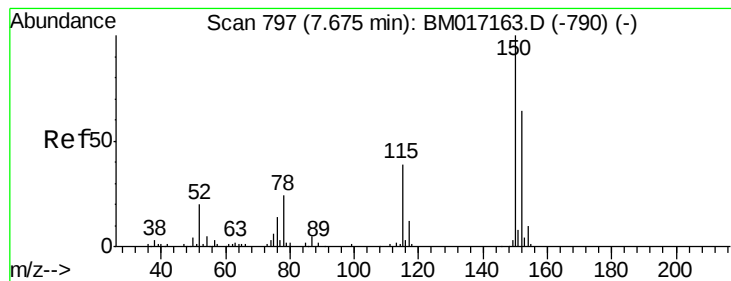
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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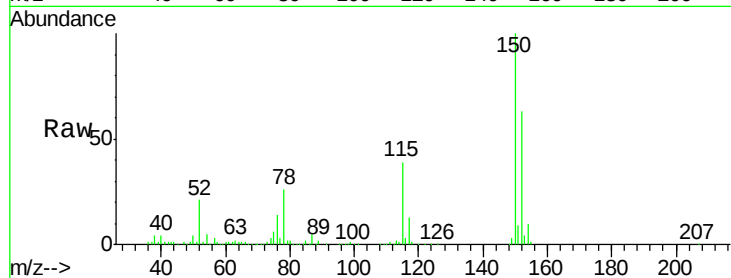


#1

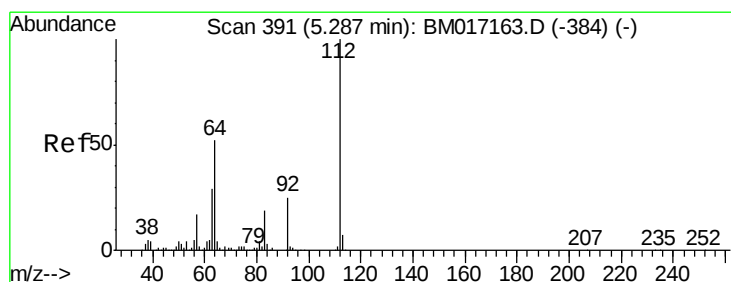
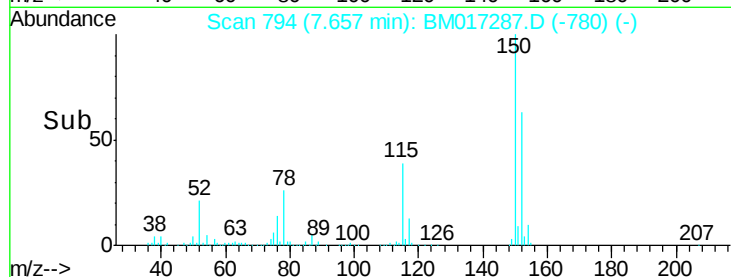
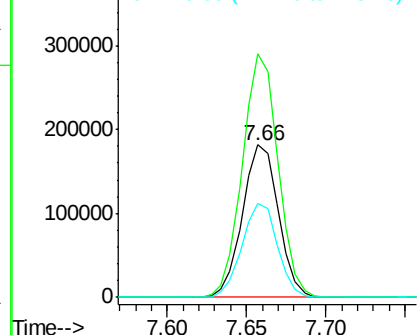
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017287.D
Acq: 23 Oct 2018 16:35

Instrument :
BNA_M
ClientSampleId :
PB114097BL

Tgt Ion:152 Resp: 285954
Ion Ratio Lower Upper
152 100
150 159.5 124.3 186.5
115 61.5 48.1 72.1



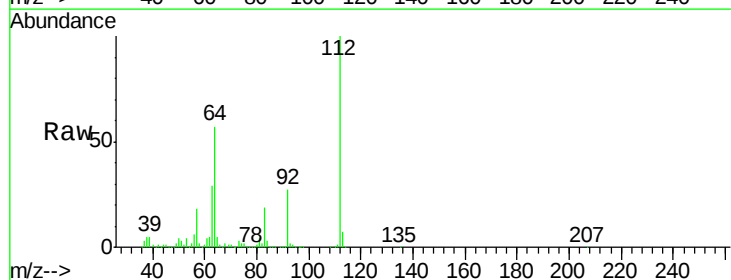
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



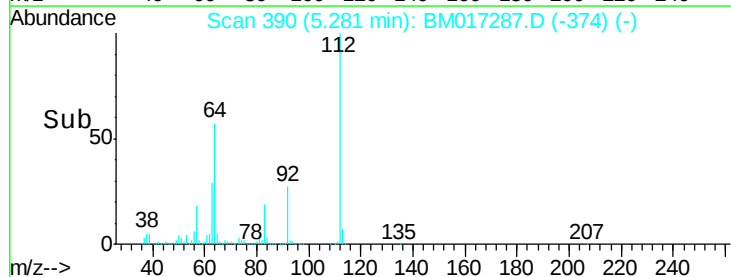
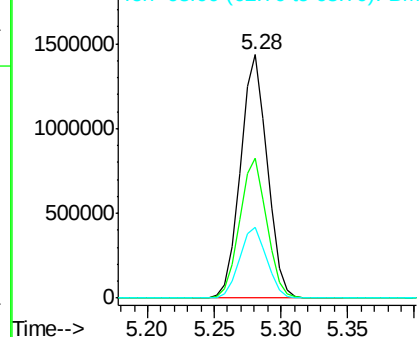
#5

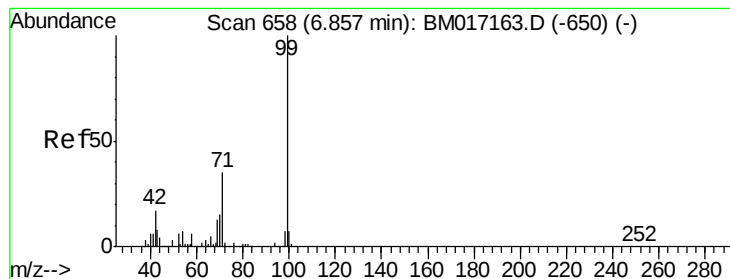
2-Fluorophenol
Concen: 118.525 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017287.D
Acq: 23 Oct 2018 16:35

Tgt Ion:112 Resp: 2003900
Ion Ratio Lower Upper
112 100
64 57.4 41.7 62.5
63 29.2 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: 114.318 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017287.D

Acq: 23 Oct 2018 16:35

Instrument :

BNA_M

ClientSampleId :

PB114097BL

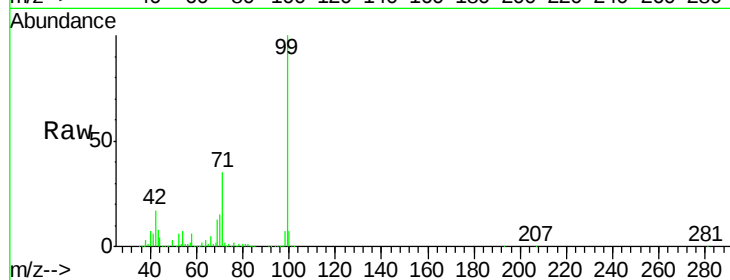
Tgt Ion: 99 Resp: 2632329

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

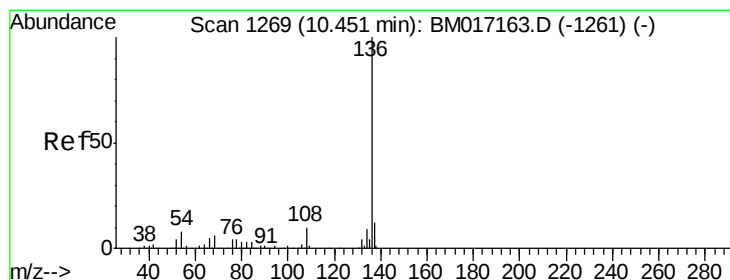
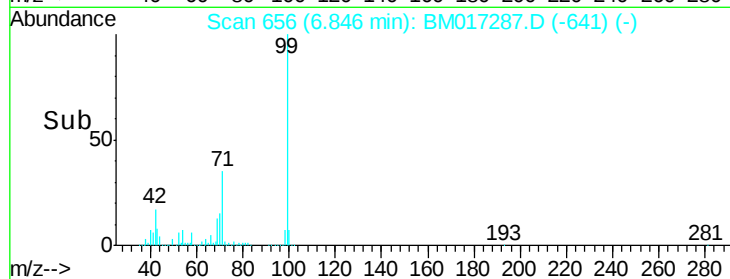
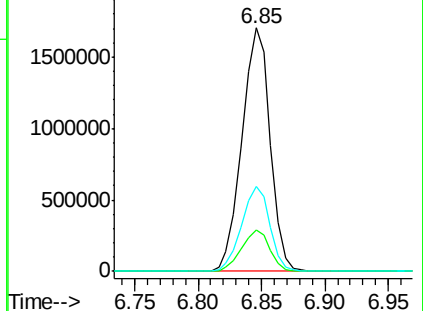
71 34.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017287.D

Acq: 23 Oct 2018 16:35

Tgt Ion: 136 Resp: 1126612

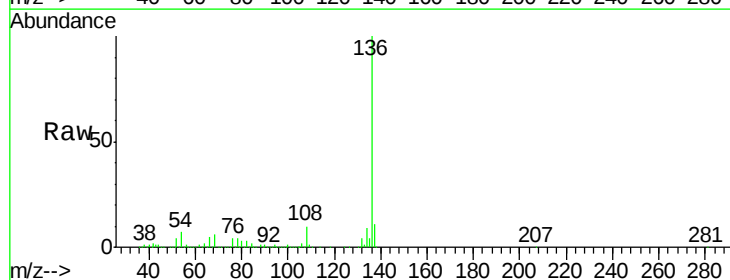
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.4 6.7 10.1

68 5.8 4.7 7.1

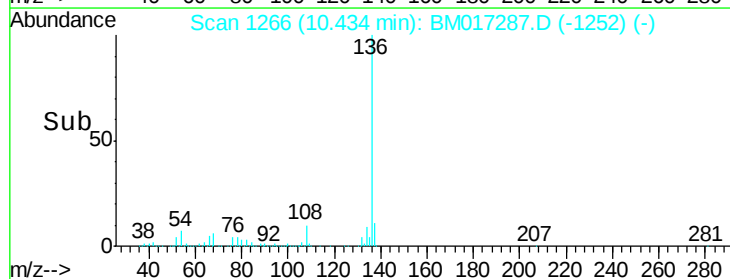
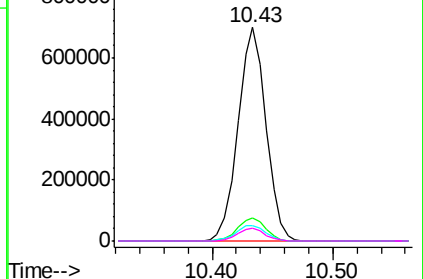


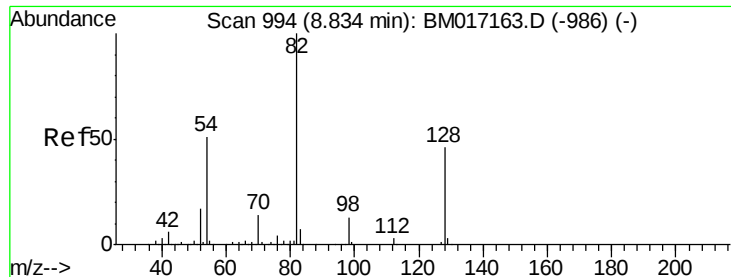
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

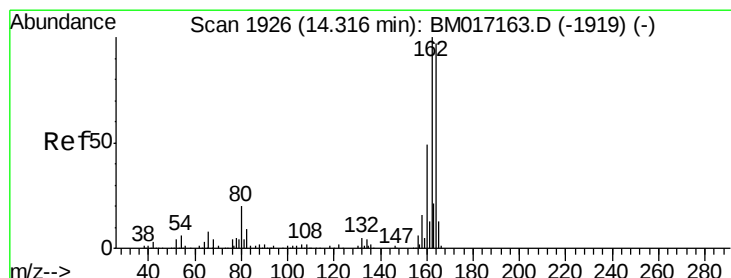
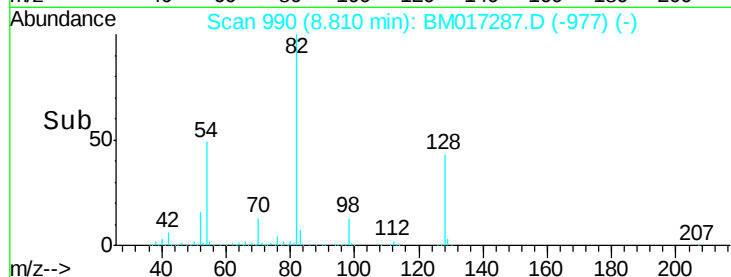
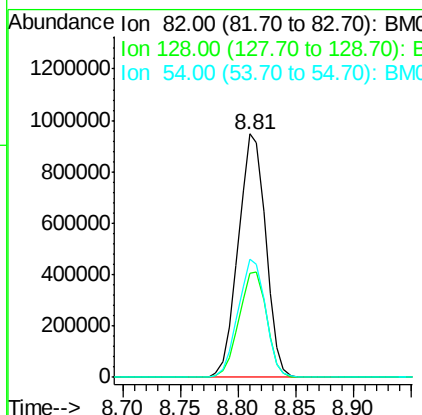
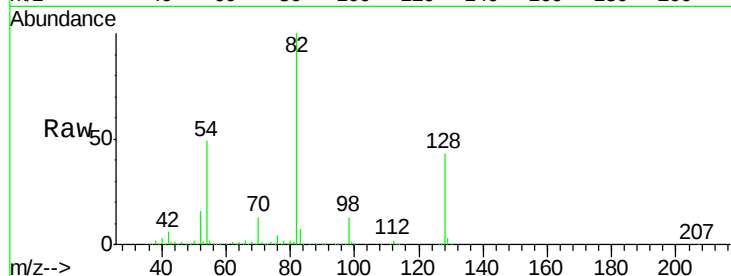




#23
 Nitrobenzene-d5
 Concen: 81.293 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017287.D
 Acq: 23 Oct 2018 16:35

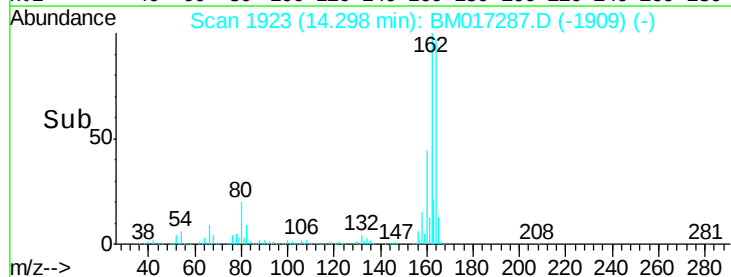
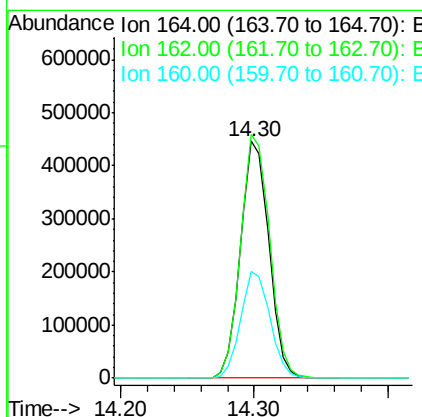
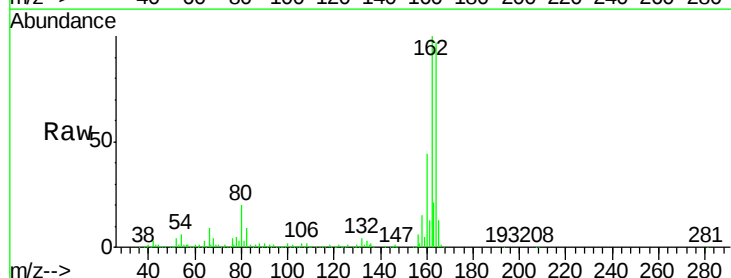
Instrument :
 BNA_M
 ClientSampleId :
 PB114097BL

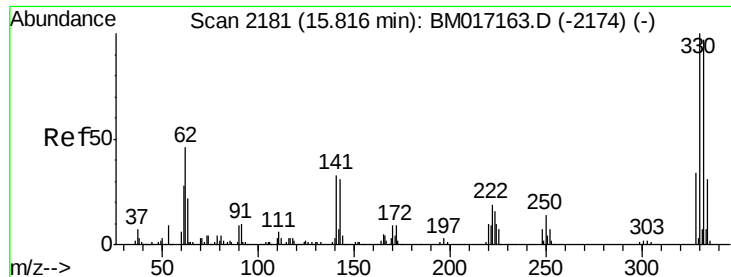
Tgt Ion: 82 Resp: 1565948
 Ion Ratio Lower Upper
 82 100
 128 42.6 37.0 55.6
 54 48.6 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017287.D
 Acq: 23 Oct 2018 16:35

Tgt Ion: 164 Resp: 657254
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.1 123.1
 160 45.2 40.2 60.2

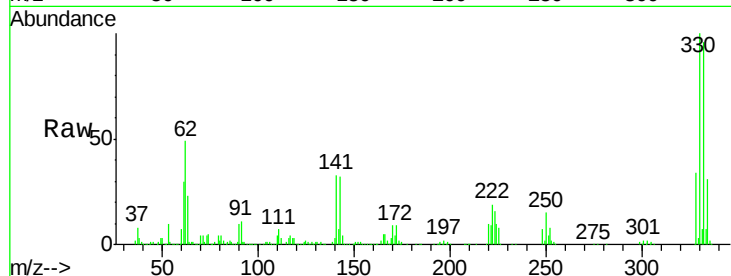




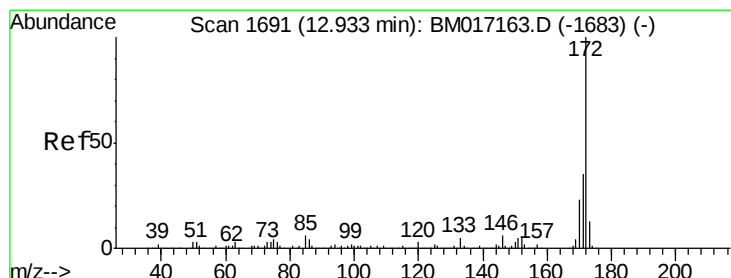
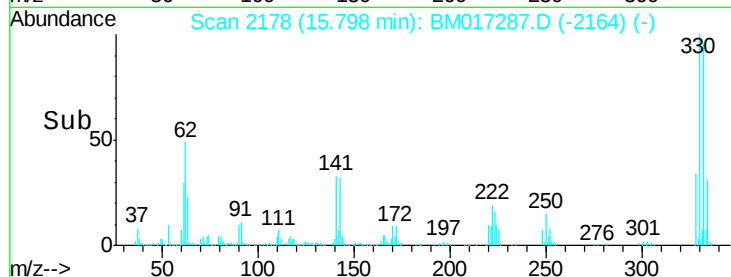
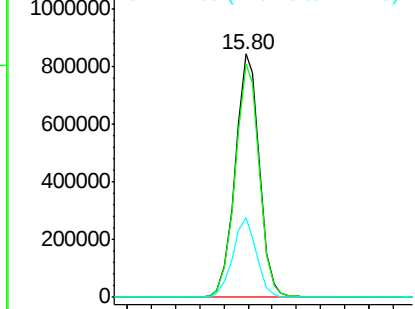
#42
 2,4,6-Tribromophenol
 Concen: 132.292 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017287.D
 Acq: 23 Oct 2018 16:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114097BL

Tgt Ion:330 Resp: 1175863
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 32.2 27.4 41.0

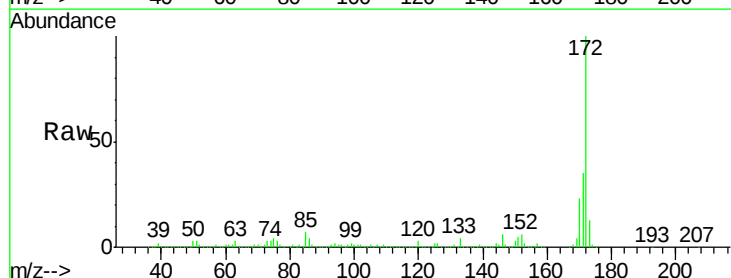


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

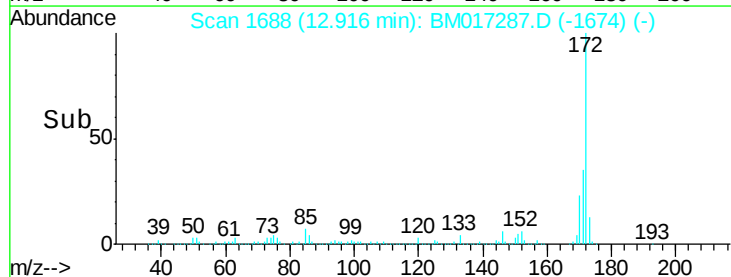
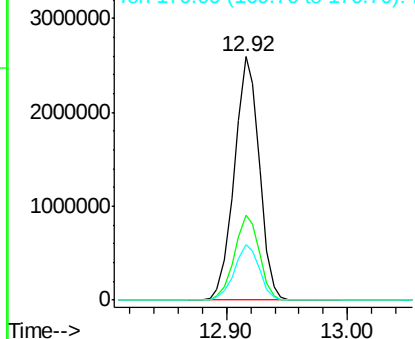


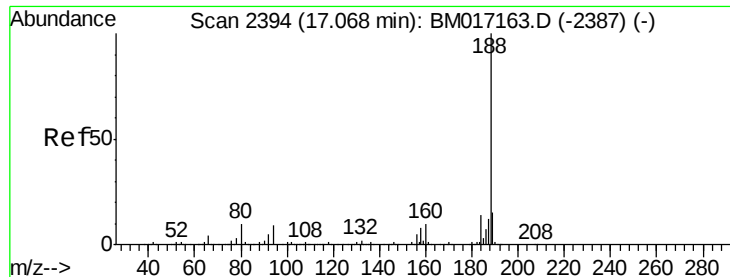
#45
 2-Fluorobiphenyl
 Concen: 75.563 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017287.D
 Acq: 23 Oct 2018 16:35

Tgt Ion:172 Resp: 3732614
 Ion Ratio Lower Upper
 172 100
 171 35.1 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: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017287.D

Acq: 23 Oct 2018 16:35

Instrument :

BNA_M

ClientSampleId :

PB114097BL

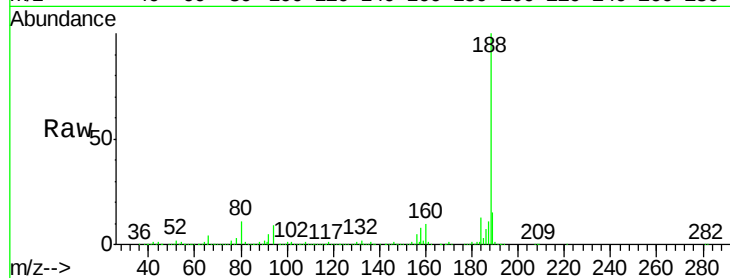
Tgt Ion:188 Resp: 1591529

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

80 10.7 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

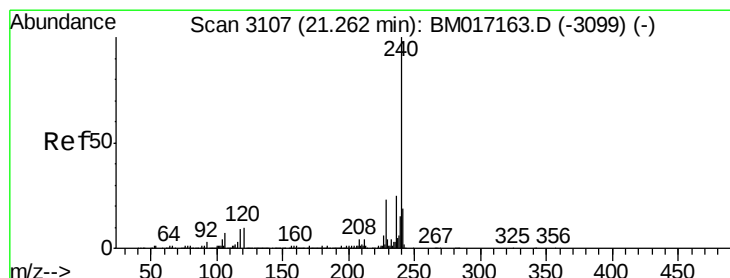
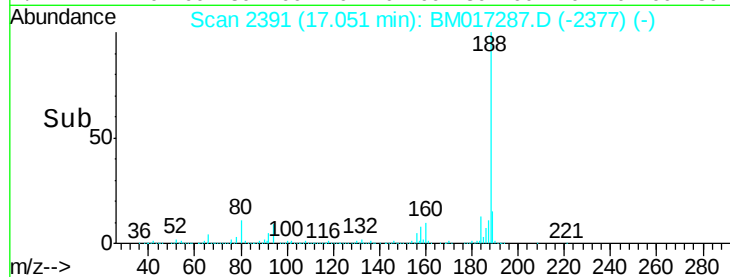
17.05

1000000

500000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017287.D

Acq: 23 Oct 2018 16:35

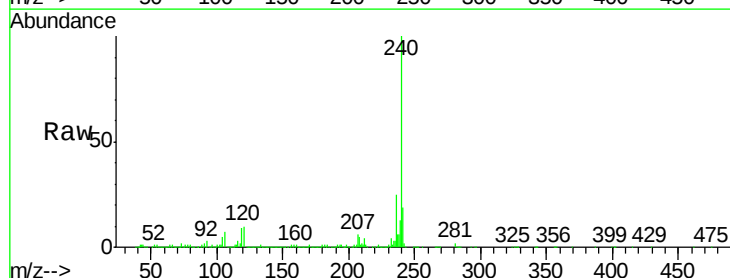
Tgt Ion:240 Resp: 1778804

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

236 25.5 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

21.24

2000000

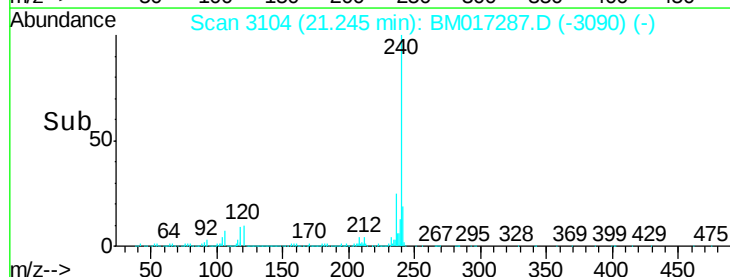
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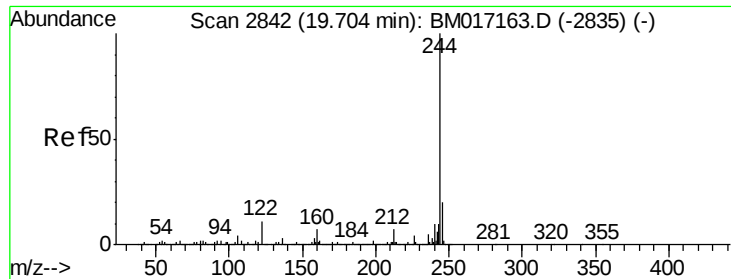
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500000

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Time-->

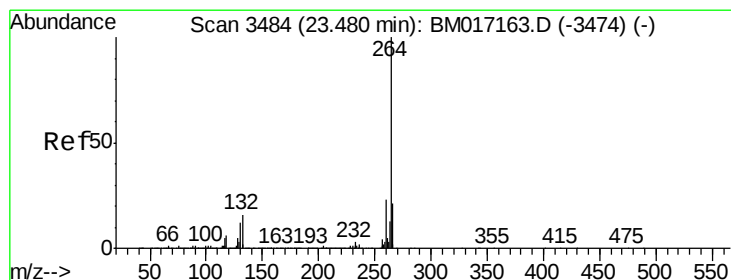
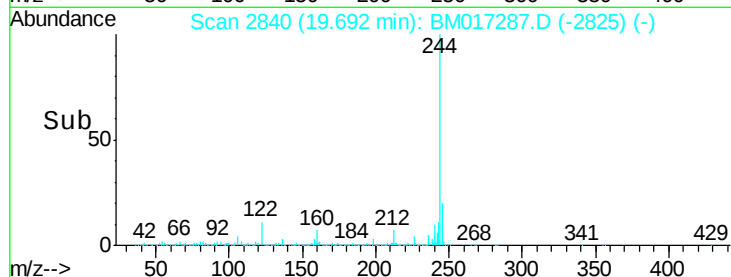
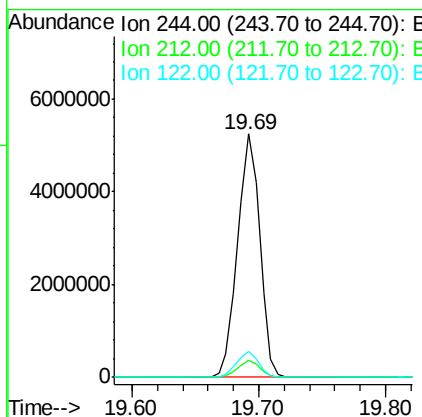
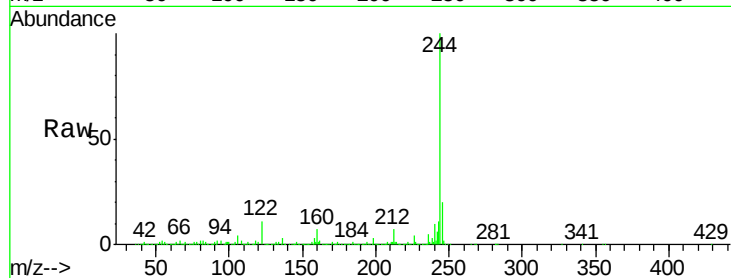




#79
 Terphenyl-d14
 Concen: 80.232 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM017287.D
 Acq: 23 Oct 2018 16:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114097BL

Tgt Ion:244 Resp: 6331744
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.9 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3480
 Delta R.T. -0.02 min
 Lab File: BM017287.D
 Acq: 23 Oct 2018 16:35

Tgt Ion:264 Resp: 1525977
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 22.4 17.8 26.8

