

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017260.D
 Acq On : 20 Oct 2018 12:01
 Operator : MJ/SJ
 Sample : J5195-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-B

Quant Time: Oct 22 04:10:09 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	311185	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1246379	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	735472	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1763359	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	2030130	20.00	ng	-0.01
87) Perylene-d12	23.46	264	500522	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2006035	109.03	ng	0.00
7) Phenol-d6	6.85	99	2462177	98.26	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1782442	83.64	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1301621	130.87	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4018591	72.70	ng	-0.01
79) Terphenyl-d14	19.70	244	7293959	80.98	ng	0.00

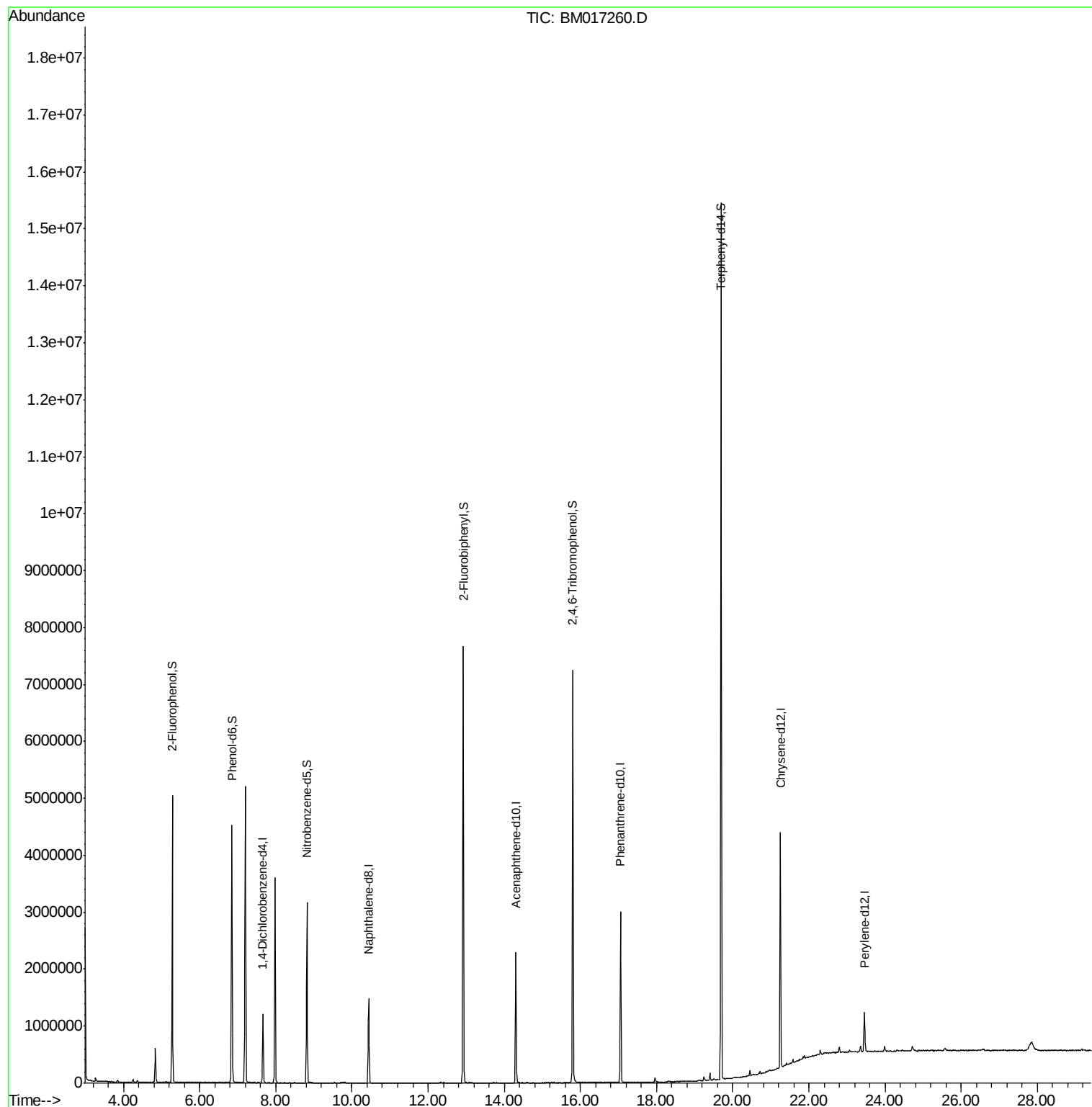
Target Compounds	Qvalue
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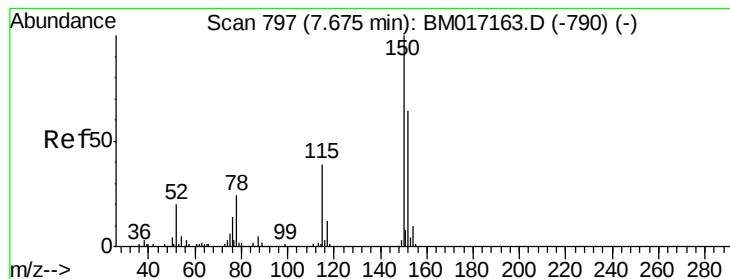
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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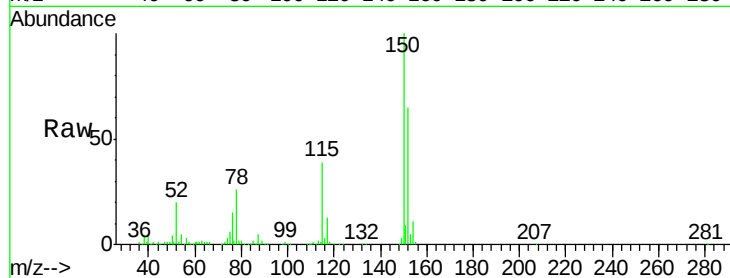


#1

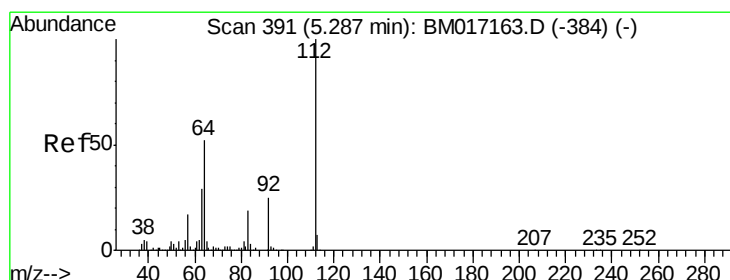
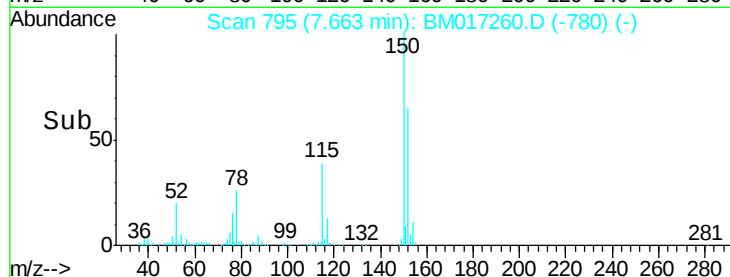
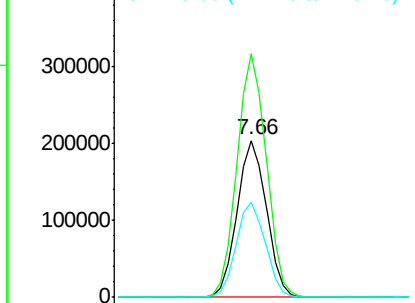
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017260.D
Acq: 20 Oct 2018 12:01

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-B

Tgt Ion:152 Resp: 311185
Ion Ratio Lower Upper
152 100
150 154.9 124.3 186.5
115 60.8 48.1 72.1



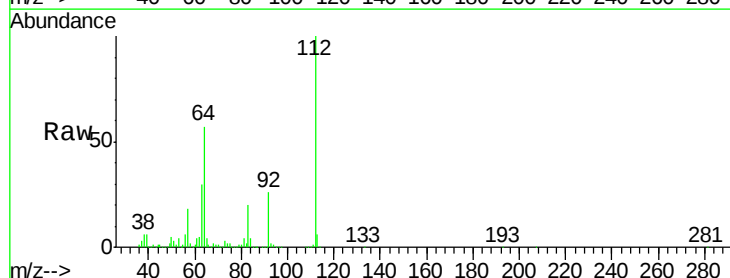
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



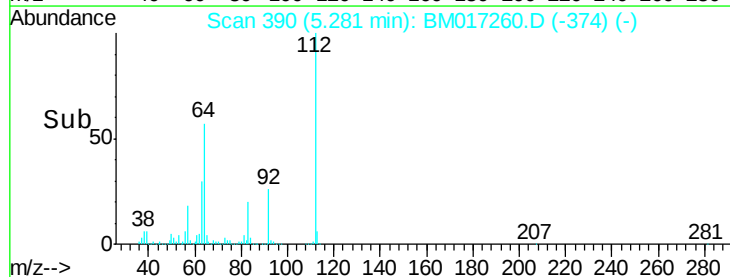
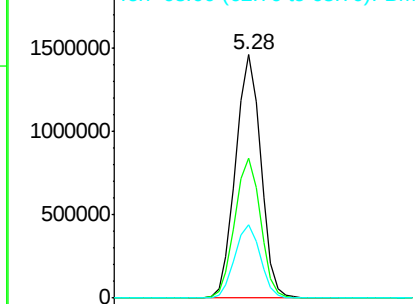
#5

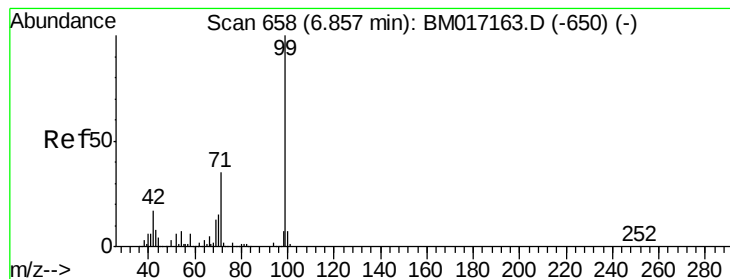
2-Fluorophenol
Concen: 109.031 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017260.D
Acq: 20 Oct 2018 12:01

Tgt Ion:112 Resp: 2006035
Ion Ratio Lower Upper
112 100
64 57.2 41.7 62.5
63 30.1 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: 98.259 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017260.D

Acq: 20 Oct 2018 12:01

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-B

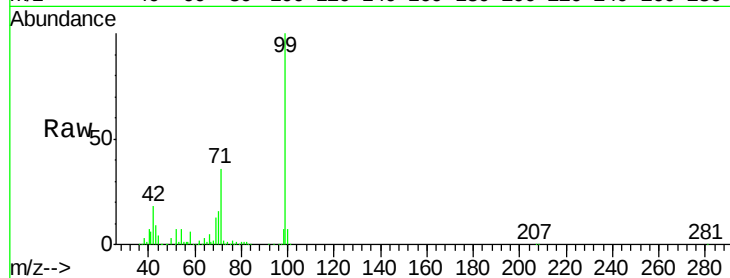
Tgt Ion: 99 Resp: 2462177

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

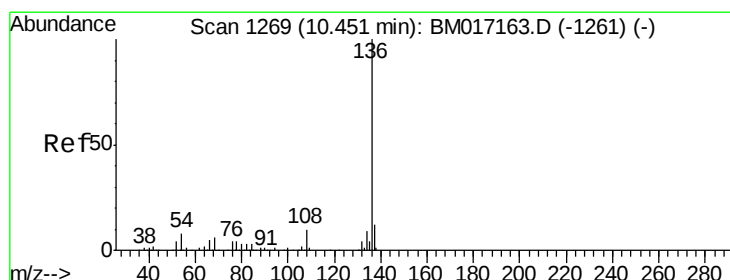
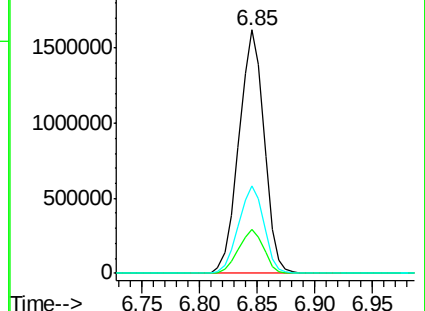
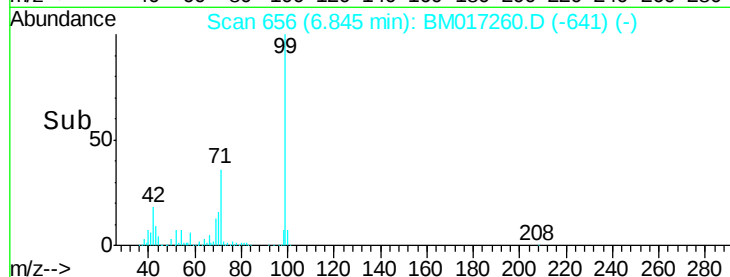
71 36.1 28.0 42.0



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: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017260.D

Acq: 20 Oct 2018 12:01

Tgt Ion: 136 Resp: 1246379

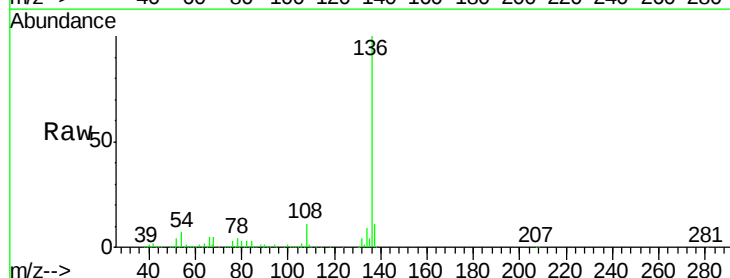
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.5 6.7 10.1

68 5.5 4.7 7.1

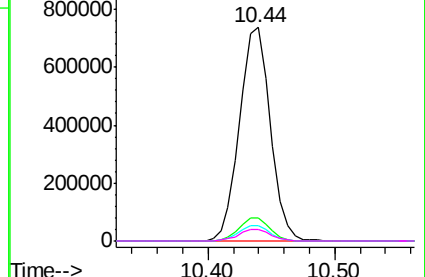
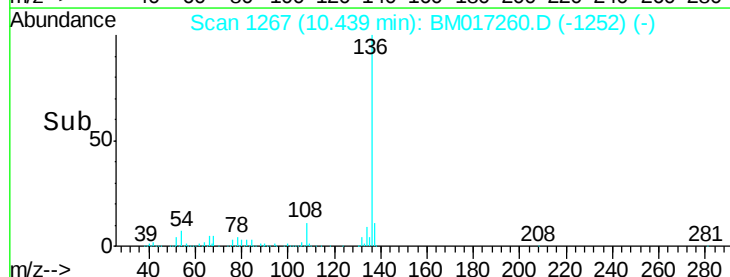


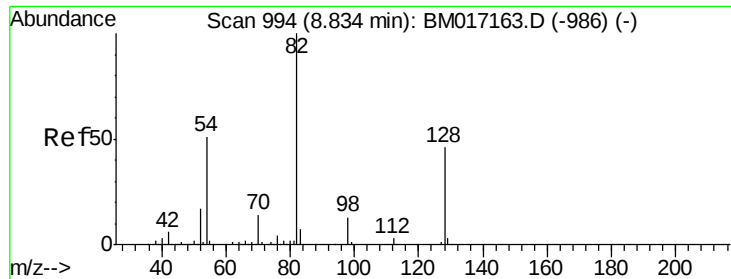
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

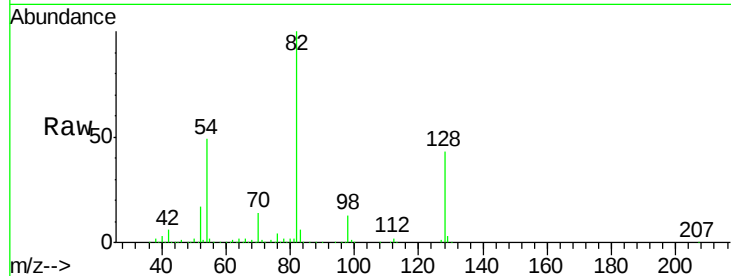




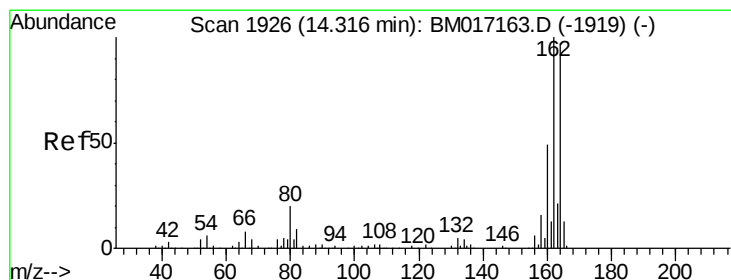
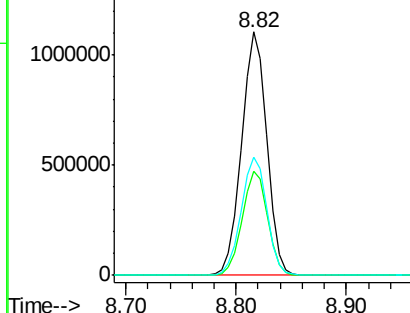
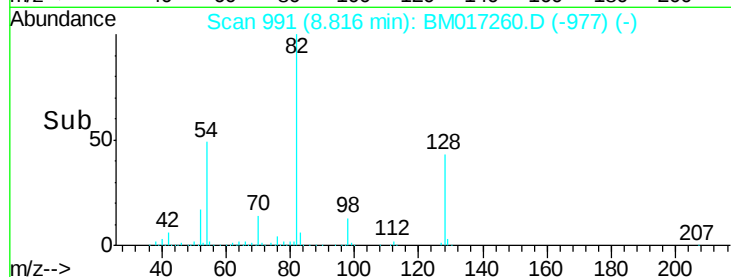
#23
 Nitrobenzene-d5
 Concen: 83.640 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017260.D
 Acq: 20 Oct 2018 12:01

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-B

Tgt Ion: 82 Resp: 1782442
 Ion Ratio Lower Upper
 82 100
 128 42.8 37.0 55.6
 54 48.8 40.7 61.1

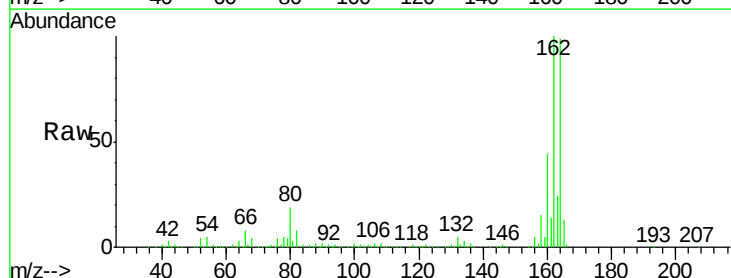


Abundance Ion 82.00 (81.70 to 82.70): BM017260.D (-977) (-)
 Ion 128.00 (127.70 to 128.70): BM017260.D (-977) (-)
 Ion 54.00 (53.70 to 54.70): BM017260.D (-977) (-)

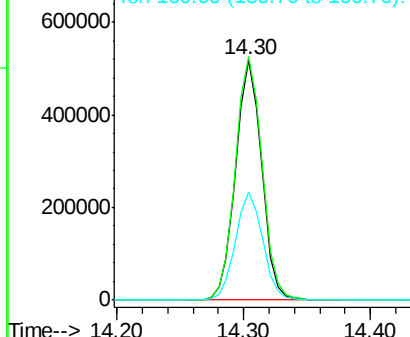
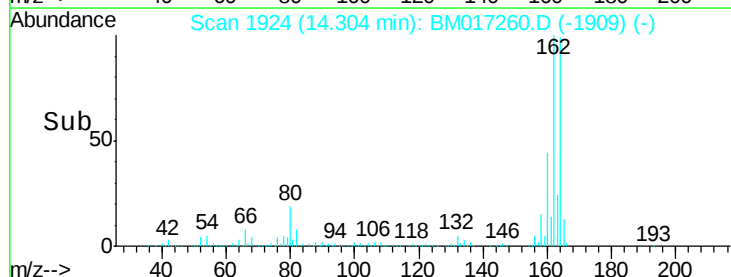


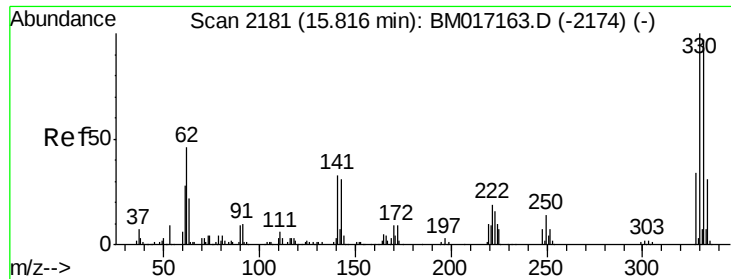
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BM017260.D
 Acq: 20 Oct 2018 12:01

Tgt Ion: 164 Resp: 735472
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.1 123.1
 160 44.8 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): BM017260.D (-1909) (-)
 Ion 162.00 (161.70 to 162.70): BM017260.D (-1909) (-)
 Ion 160.00 (159.70 to 160.70): BM017260.D (-1909) (-)





#42

2,4,6-Tribromophenol

Concen: 130.866 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017260.D

Acq: 20 Oct 2018 12:01

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-B

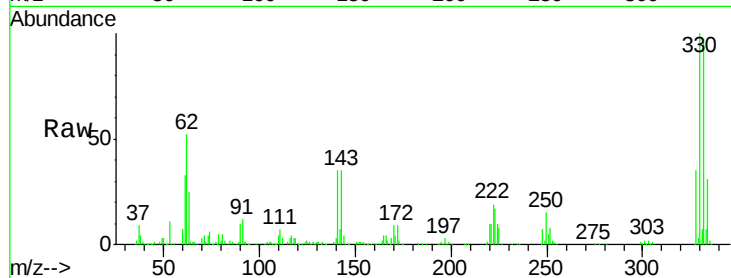
Tgt Ion:330 Resp: 1301621

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

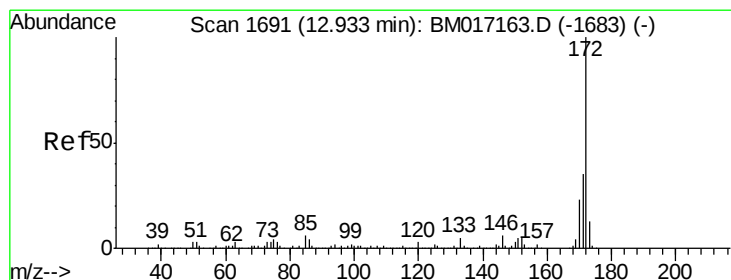
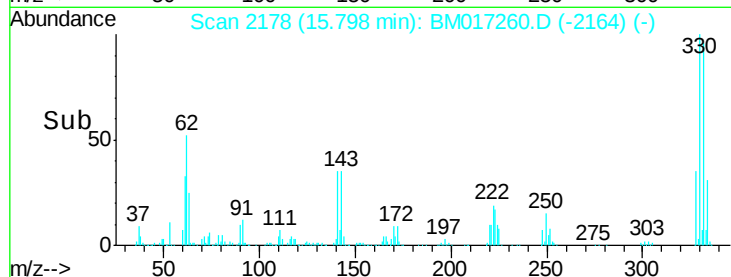
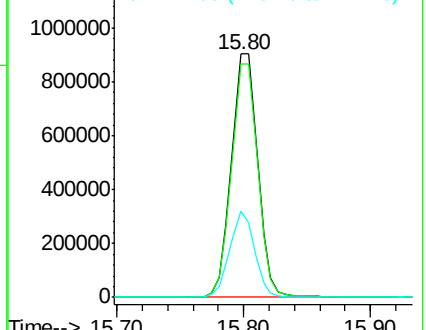
141 33.5 27.4 41.0



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: 72.700 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM017260.D

Acq: 20 Oct 2018 12:01

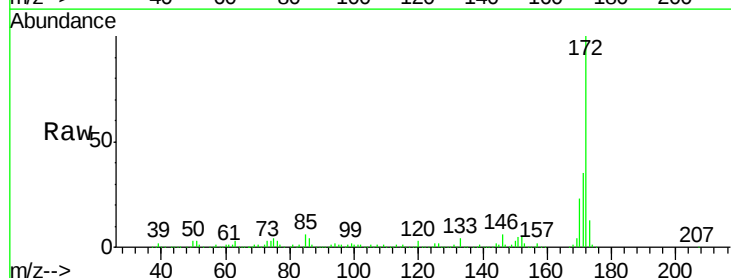
Tgt Ion:172 Resp: 4018591

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

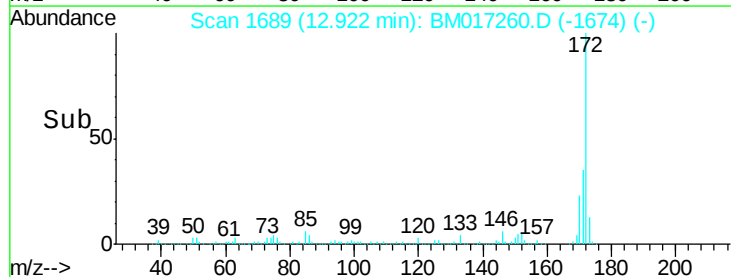
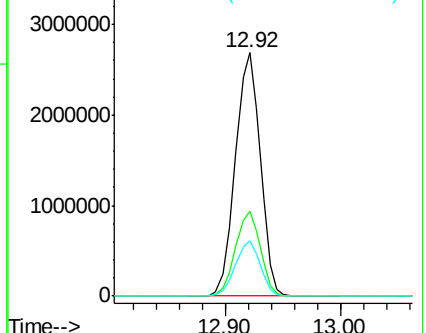
170 22.6 18.3 27.5

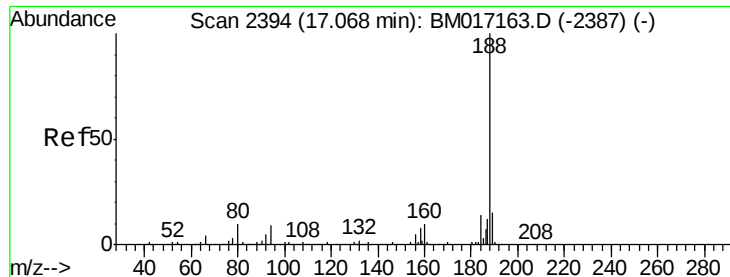


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM017260.D

Acq: 20 Oct 2018 12:01

Instrument :

BNA_M

ClientSampleId :

JC-02-101818-B

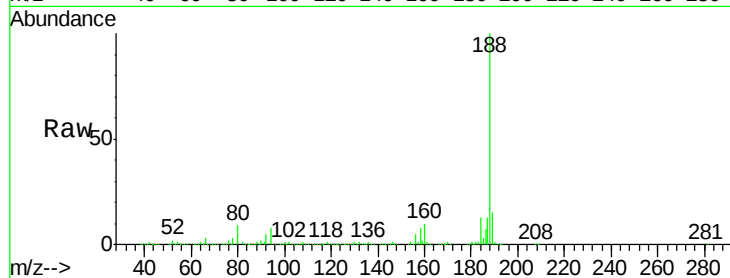
Tgt Ion:188 Resp: 1763359

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

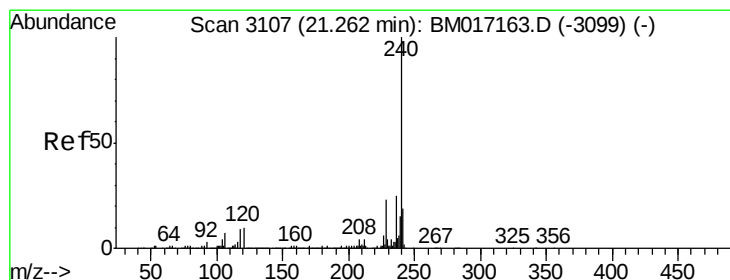
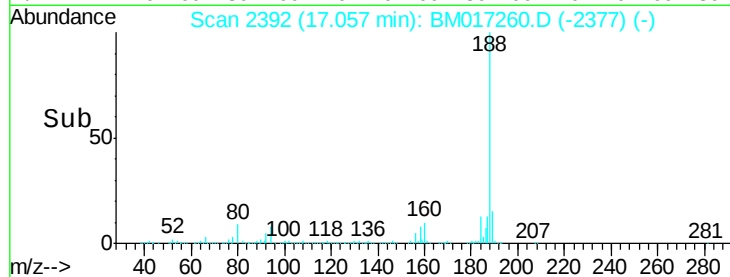
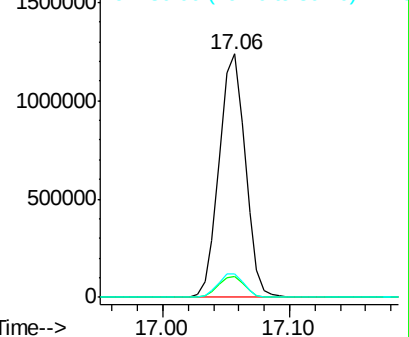
80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017260.D

Acq: 20 Oct 2018 12:01

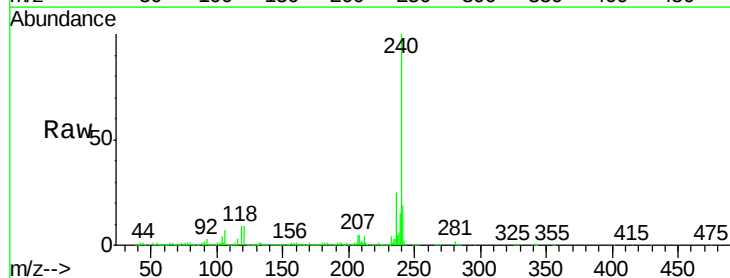
Tgt Ion:240 Resp: 2030130

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

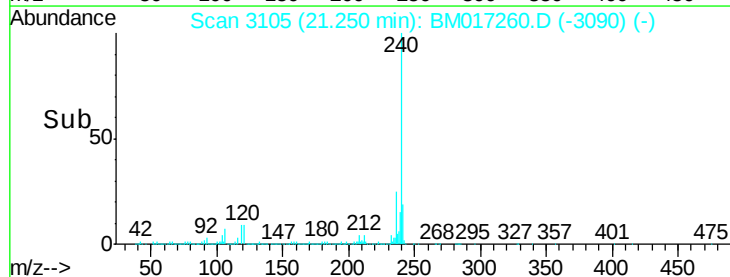
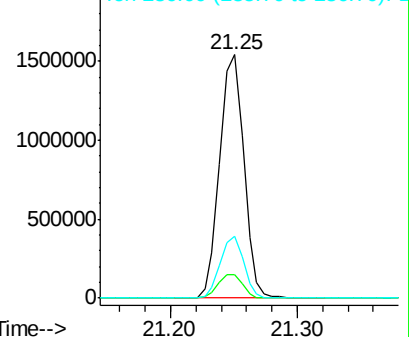
236 25.2 19.9 29.9

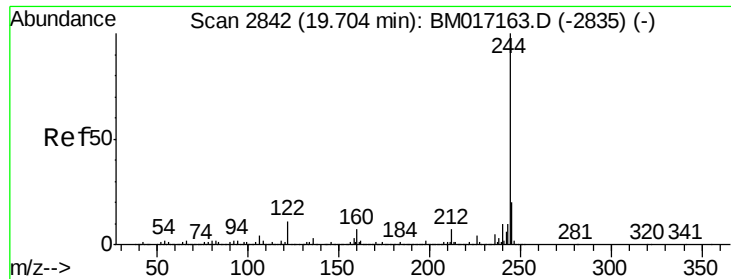


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

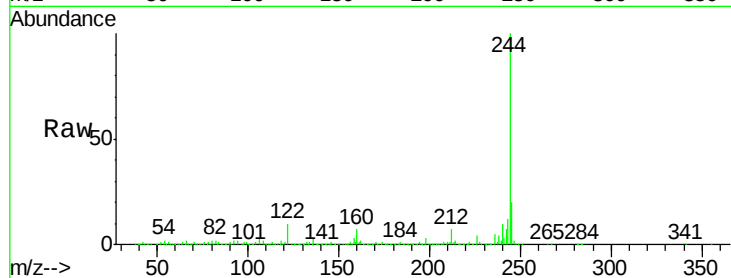




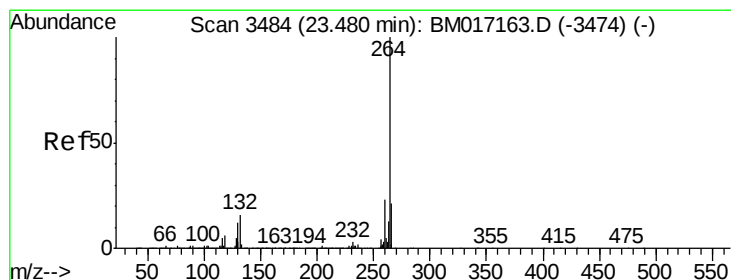
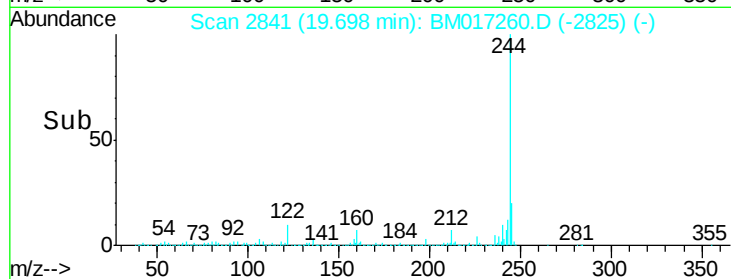
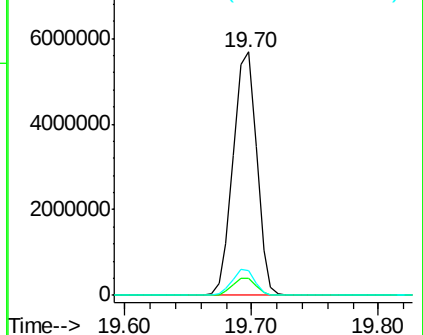
#79
 Terphenyl-d14
 Concen: 80.983 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017260.D
 Acq: 20 Oct 2018 12:01

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-101818-B

Tgt Ion:244 Resp: 7293959
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.9 8.4 12.6

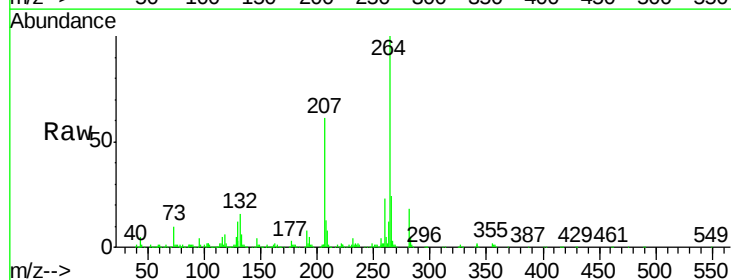


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3480
 Delta R.T. -0.02 min
 Lab File: BM017260.D
 Acq: 20 Oct 2018 12:01

Tgt Ion:264 Resp: 500522
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 24.2 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

