

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
 Data File : BM017553.D
 Acq On : 07 Nov 2018 11:00
 Operator : MJ/SJ
 Sample : J5805-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(11-15)

Quant Time: Nov 07 13:40:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	255220	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	965350	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	565033	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1440871	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1695135	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1632025	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1731959	114.78	ng	-0.01
7) Phenol-d6	6.81	99	2007612	97.69	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1618301	98.04	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1197301	156.69	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	3744571	88.18	ng	-0.02
79) Terphenyl-d14	19.67	244	7242962	96.31	ng	-0.02

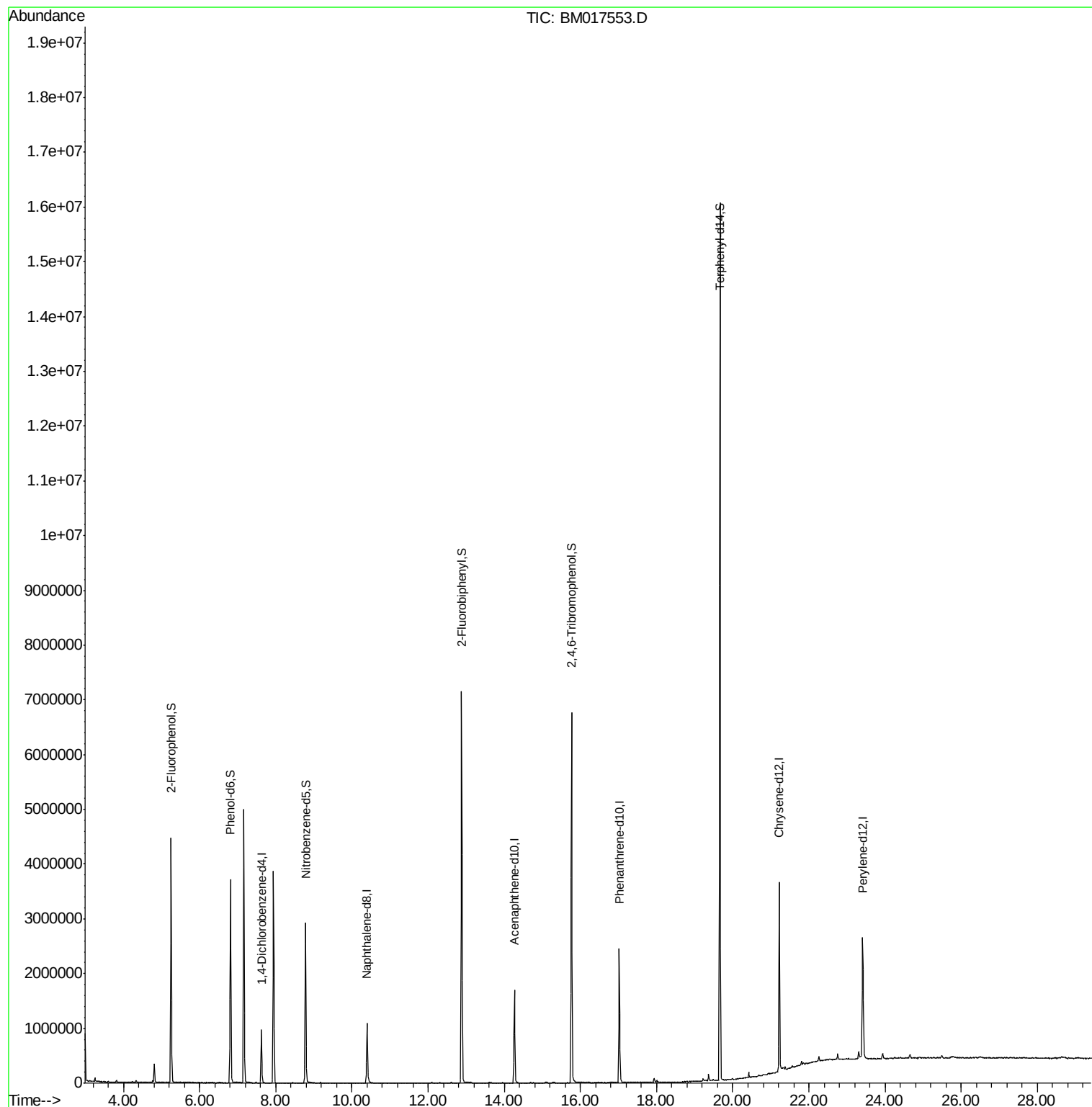
Target Compounds Qvalue

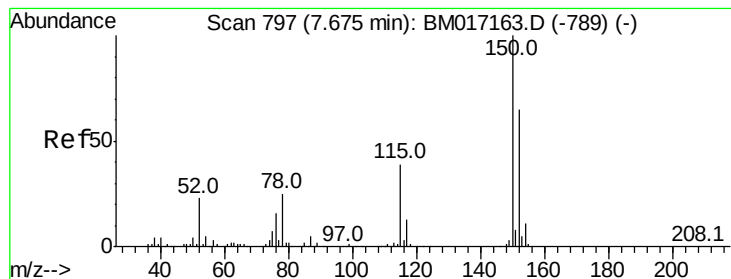
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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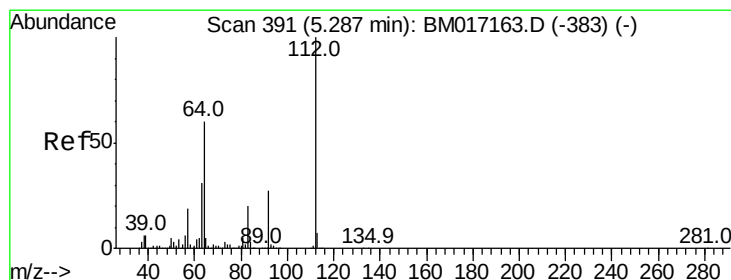
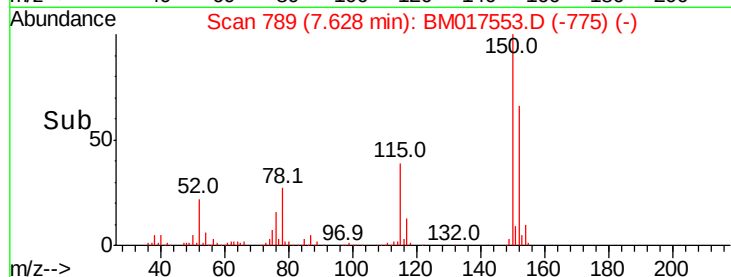
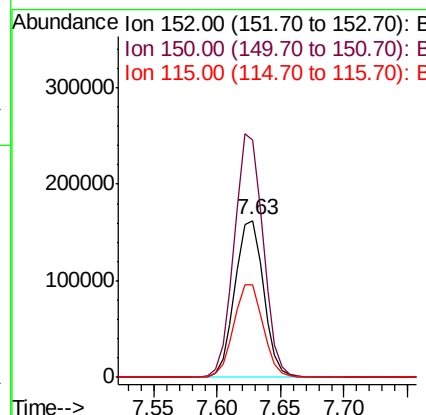
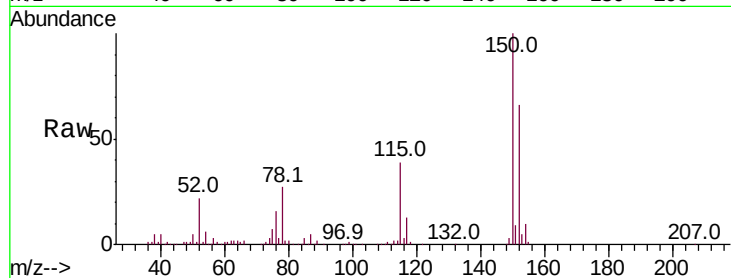


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017553.D
Acq: 07 Nov 2018 11:00

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(11-15)

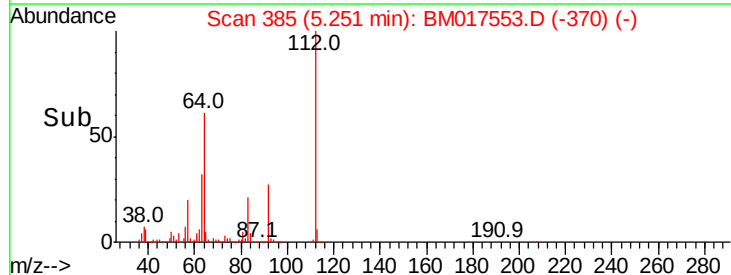
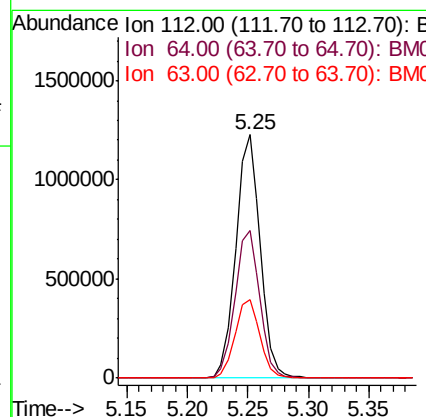
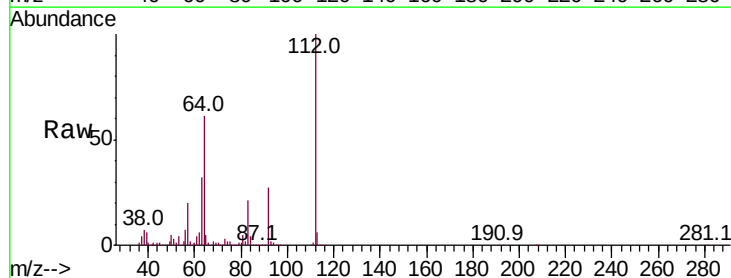
Tot Ion:152 Resp: 255220
Ion Ratio Lower Upper
152 100
150 150.9 124.3 186.5
115 58.6 48.1 72.1

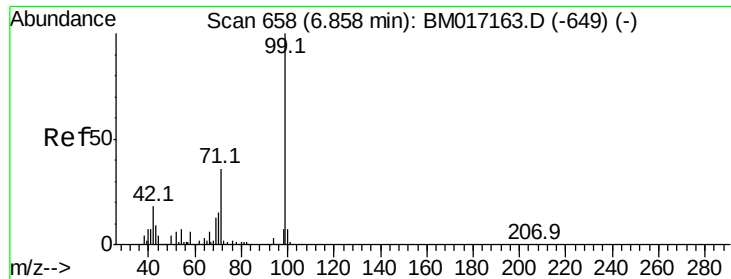


#5

2-Fluorophenol
Concen: 114.776 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017553.D
Acq: 07 Nov 2018 11:00

Tgt Ion:112 Resp: 1731959
Ion Ratio Lower Upper
112 100
64 60.5 41.7 62.5
63 32.3 23.0 34.4





#7

Phenol-d6

Concen: 97.687 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017553.D

Acq: 07 Nov 2018 11:00

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(11-15)

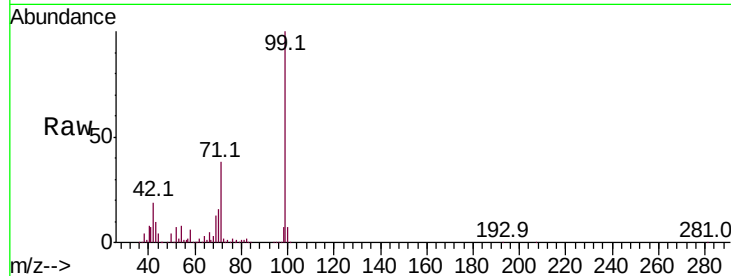
Tot Ion: 99 Resp: 2007612

Ion Ratio Lower Upper

99 100

42 19.3 13.3 19.9

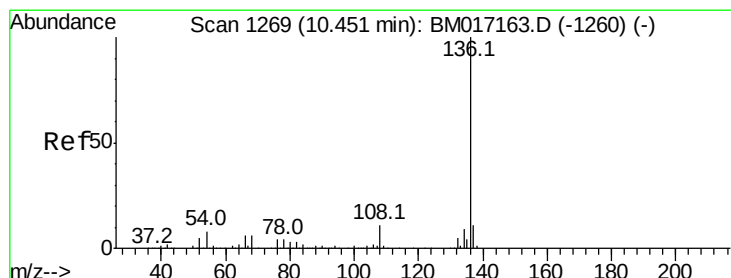
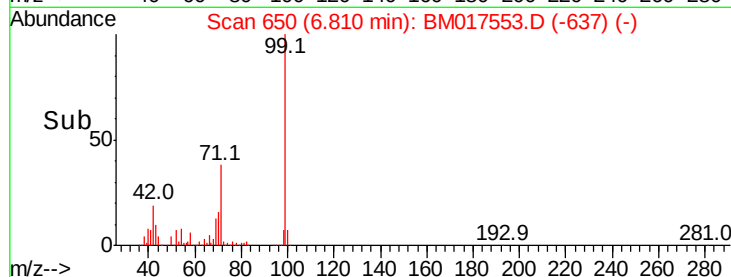
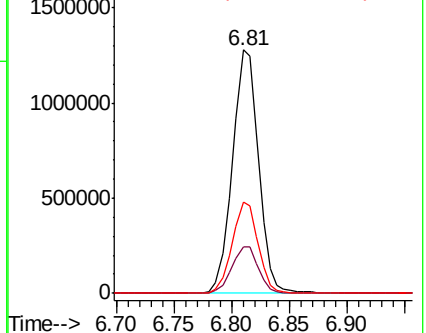
71 37.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BM017553.D

Acq: 07 Nov 2018 11:00

Tgt Ion: 136 Resp: 965350

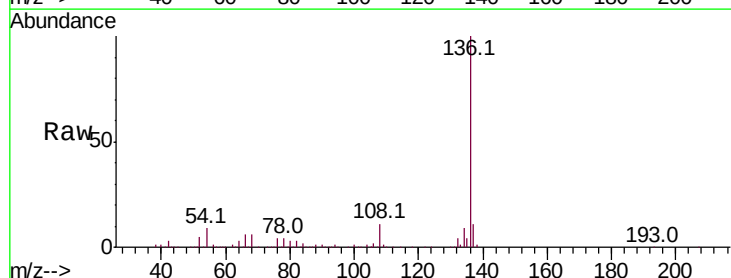
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 8.5 6.7 10.1

68 5.9 4.7 7.1

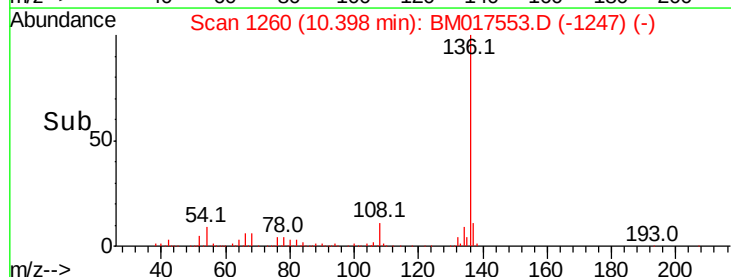
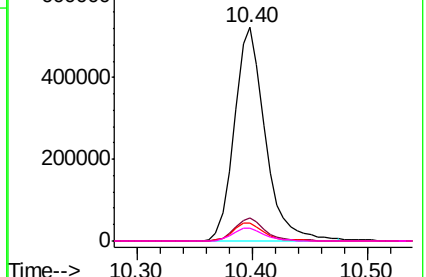


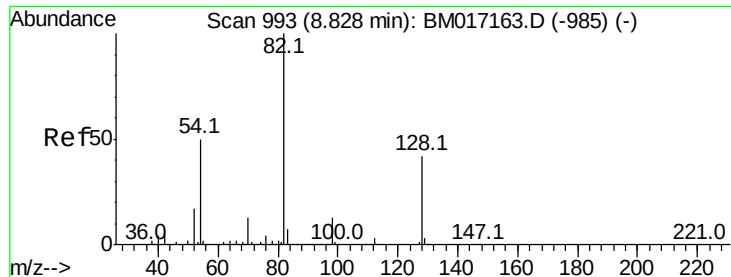
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)

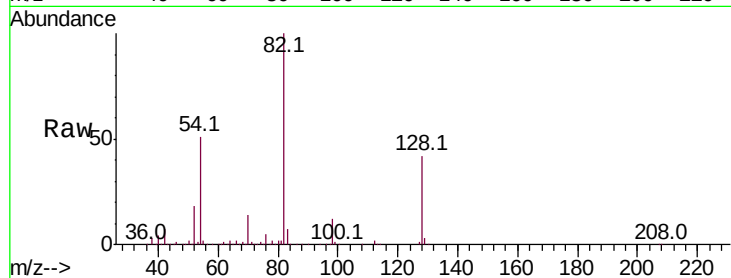




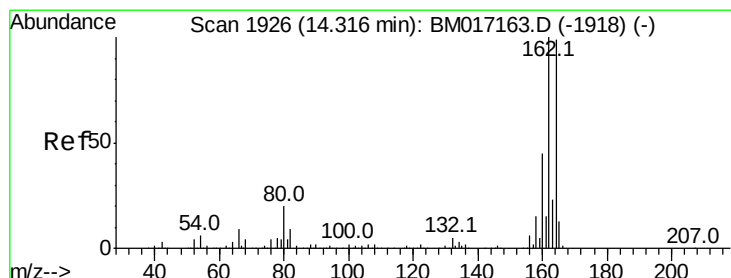
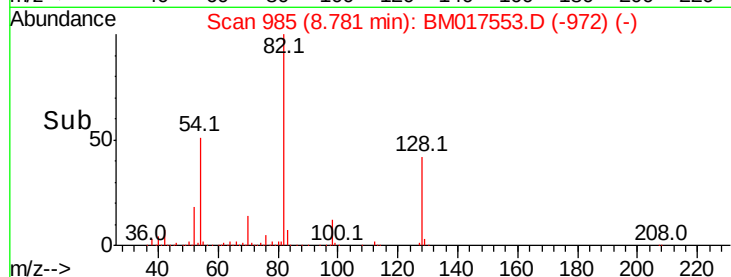
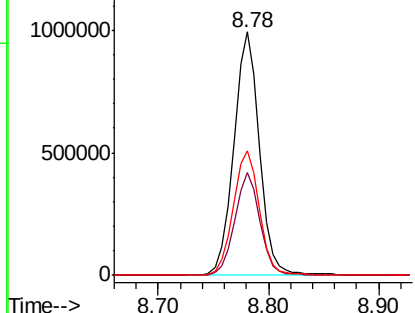
#23
Nitrobenzene-d5
Concen: 98.045 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM017553.D
Acq: 07 Nov 2018 11:00

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(11-15)

Tot Ion: 82 Resp: 1618301
Ion Ratio Lower Upper
82 100
128 42.1 37.0 55.6
54 51.4 40.7 61.1

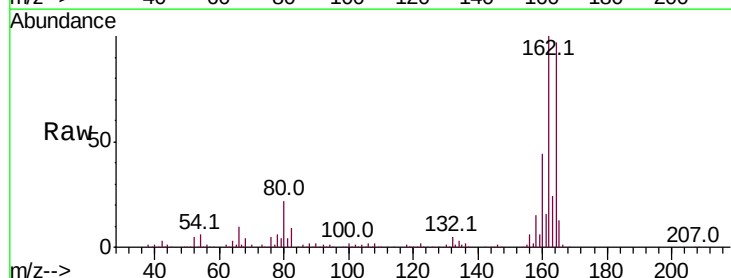


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-985) (-)
Ion 128.00 (127.70 to 128.70): BM017163.D (-985) (-)
Ion 54.00 (53.70 to 54.70): BM017163.D (-985) (-)

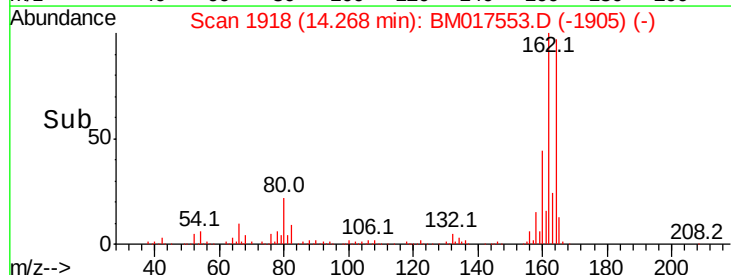
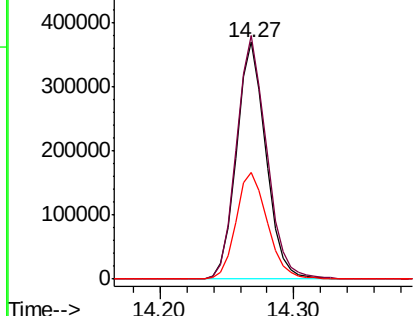


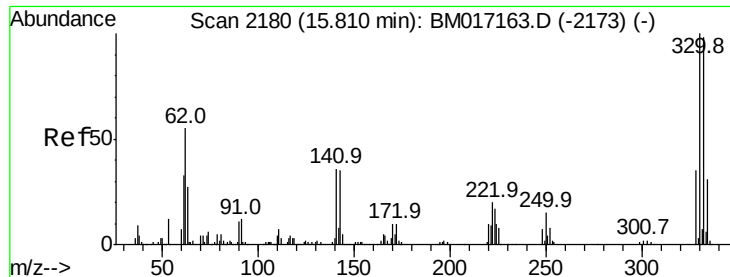
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017553.D
Acq: 07 Nov 2018 11:00

Tgt Ion:164 Resp: 565033
Ion Ratio Lower Upper
164 100
162 102.8 82.1 123.1
160 45.0 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1918) (-)
Ion 162.00 (161.70 to 162.70): BM017163.D (-1918) (-)
Ion 160.00 (159.70 to 160.70): BM017163.D (-1918) (-)

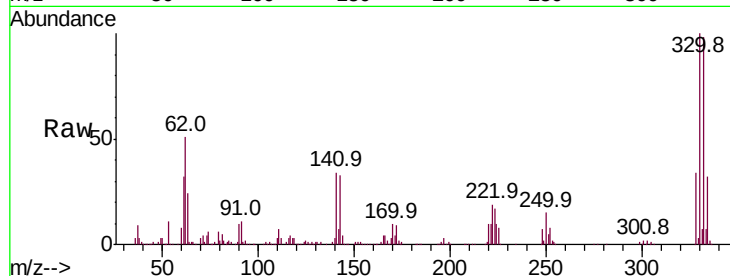




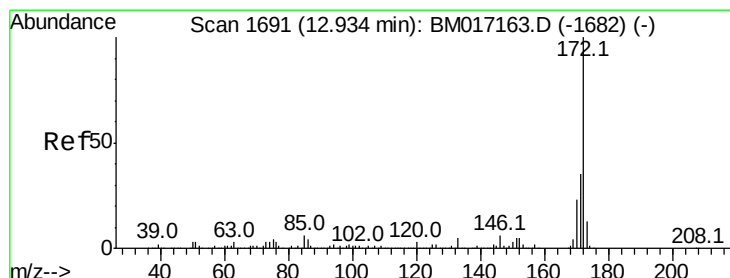
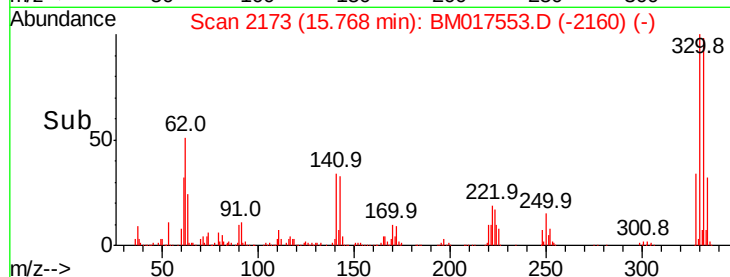
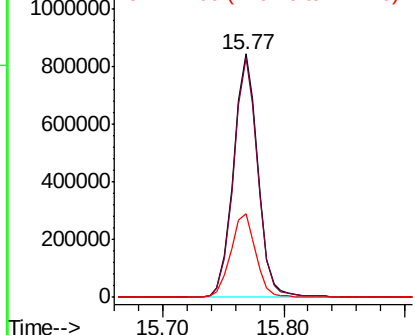
#42
 2,4,6-Tribromophenol
 Concen: 156.689 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017553.D
 Acq: 07 Nov 2018 11:00

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(11-15)

Tot Ion:330 Resp: 1197301
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 35.2 27.4 41.0

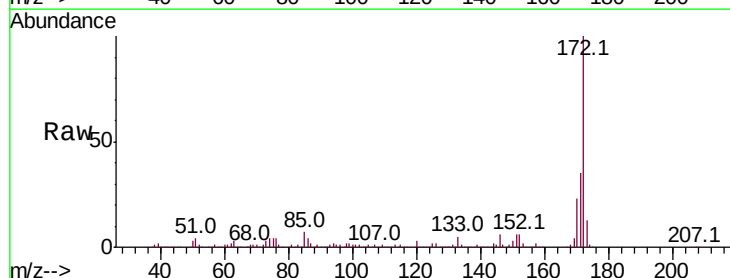


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

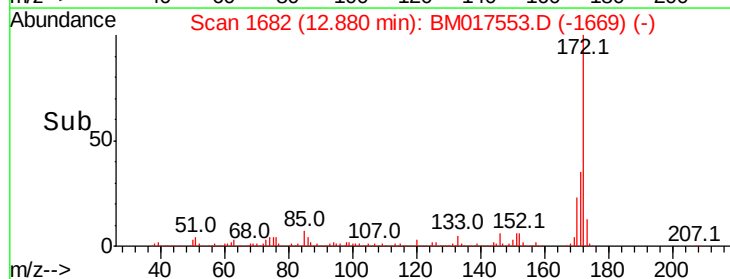
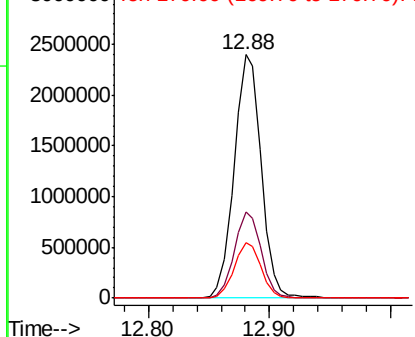


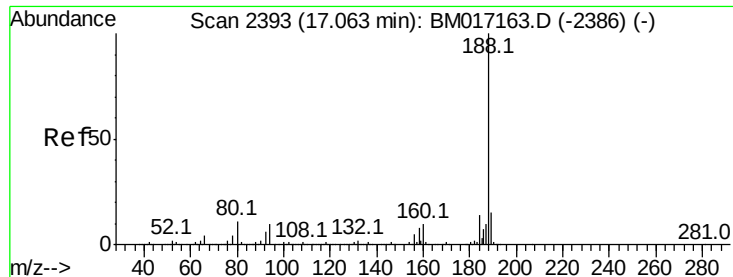
#45
 2-Fluorobiphenyl
 Concen: 88.177 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM017553.D
 Acq: 07 Nov 2018 11:00

Tgt Ion:172 Resp: 3744571
 Ion Ratio Lower Upper
 172 100
 171 35.3 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

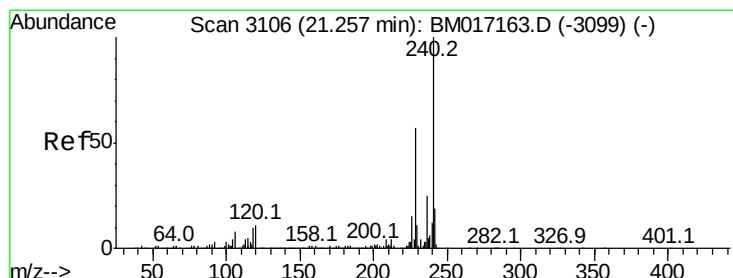
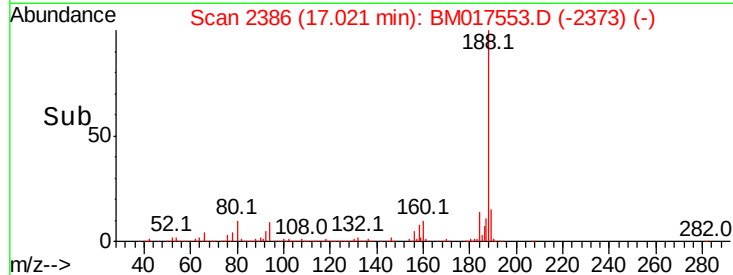
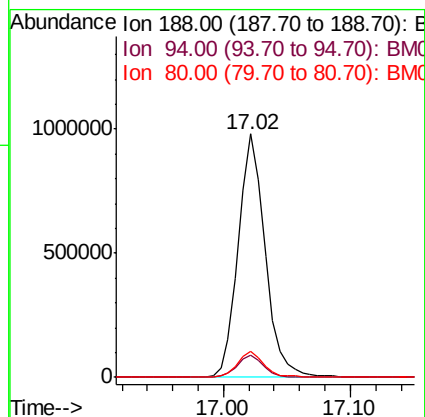
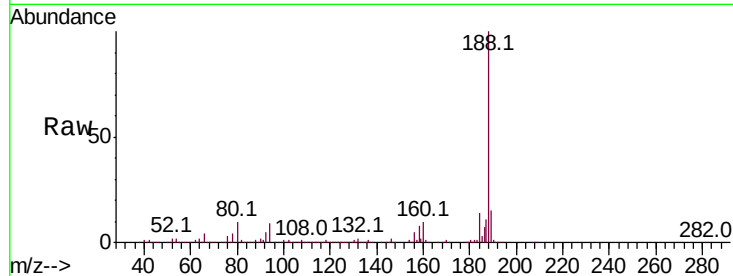




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017553.D
Acq: 07 Nov 2018 11:00

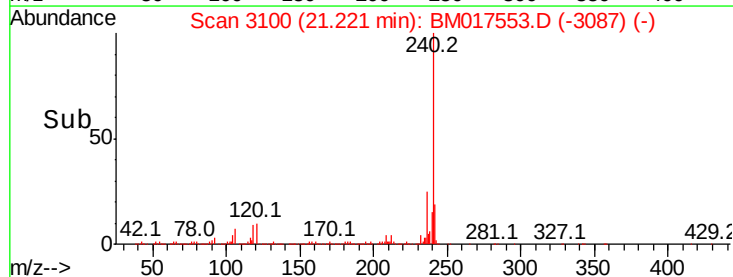
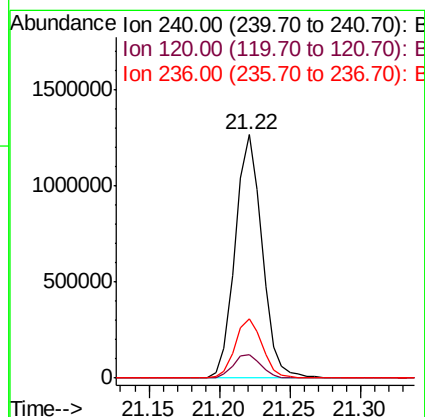
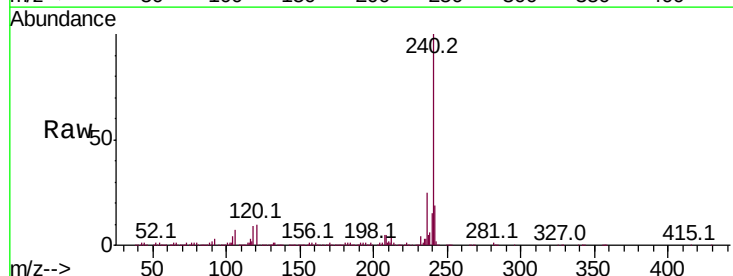
Instrument :
BNA_M
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COMP-SAMPLES(11-15)

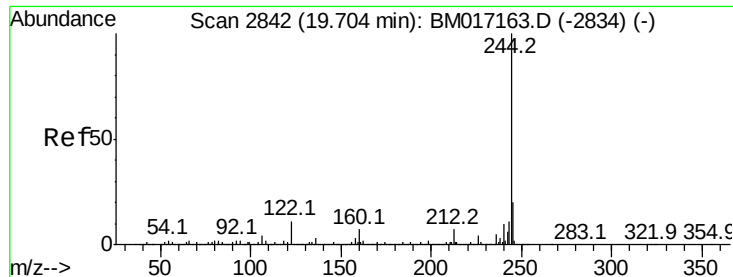
Tot Ion:188 Resp: 1440871
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017553.D
Acq: 07 Nov 2018 11:00

Tgt Ion:240 Resp: 1695135
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 24.6 19.9 29.9





#79

Terphenyl-d14

Concen: 96.309 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017553.D

Acq: 07 Nov 2018 11:00

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(11-15)

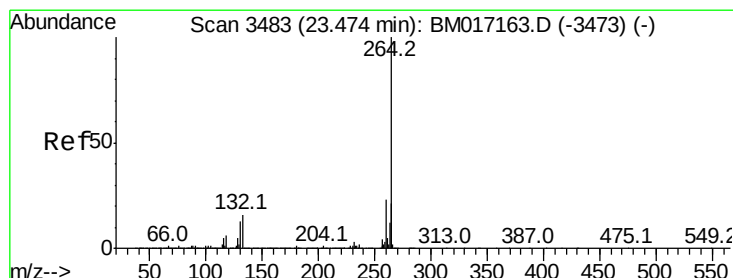
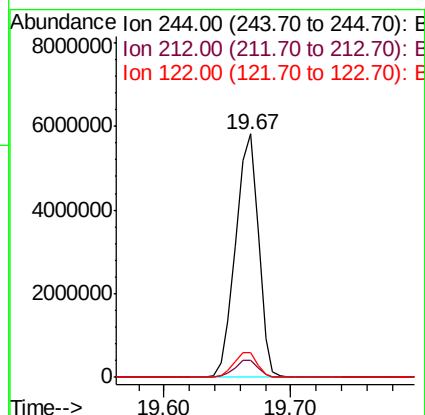
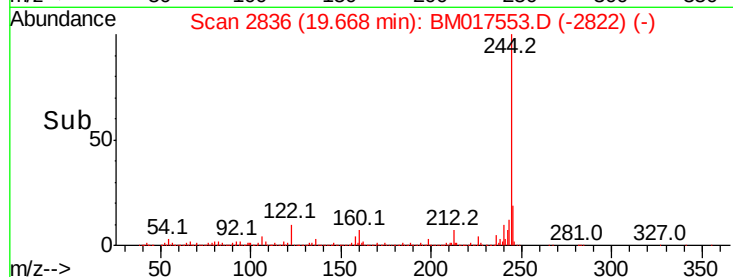
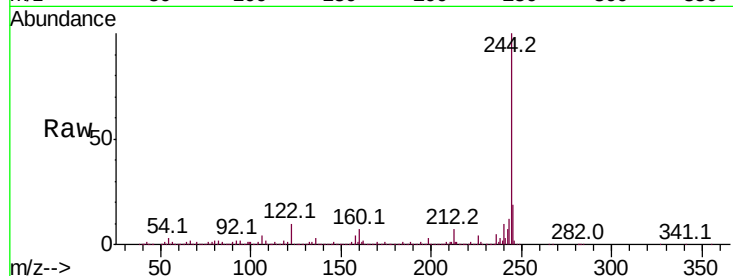
Tot Ion:244 Resp: 7242962

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 10.4 8.4 12.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3473

Delta R.T. -0.04 min

Lab File: BM017553.D

Acq: 07 Nov 2018 11:00

Tgt Ion:264 Resp: 1632025

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 22.3 17.8 26.8

