

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110718\
 Data File : BM017542.D
 Acq On : 07 Nov 2018 00:16
 Operator : MJ/SJ
 Sample : J5812-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP3-A

Quant Time: Nov 07 09:07:21 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

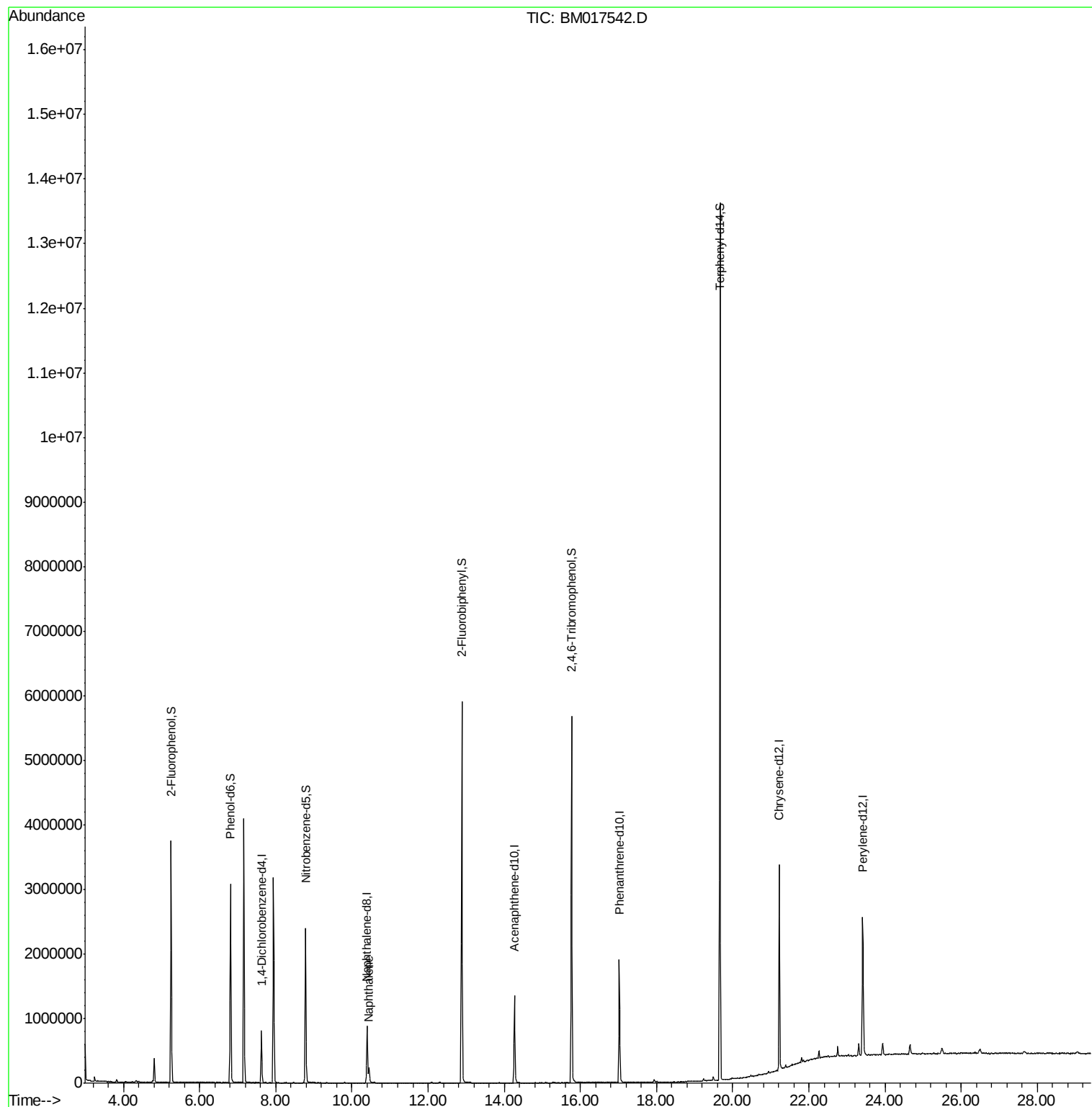
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	204938	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	776279	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	462447	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1173539	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1488730	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1585809	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1427123	117.78	ng	-0.01
7) Phenol-d6	6.82	99	1682738	101.97	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1345849	101.40	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	974198	155.77	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	3128549	90.01	ng	-0.02
79) Terphenyl-d14	19.67	244	6204700	93.94	ng	-0.02
Target Compounds						
31) Naphthalene	10.45	128	195898	5.149	ng	Qvalue 98

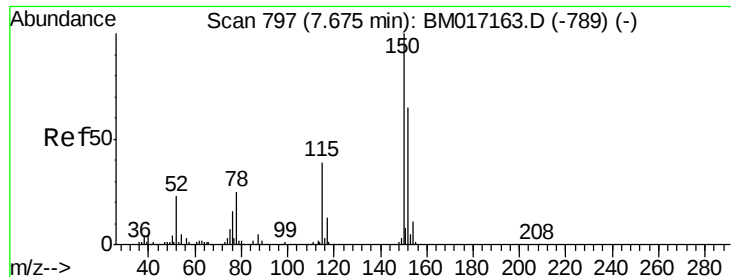
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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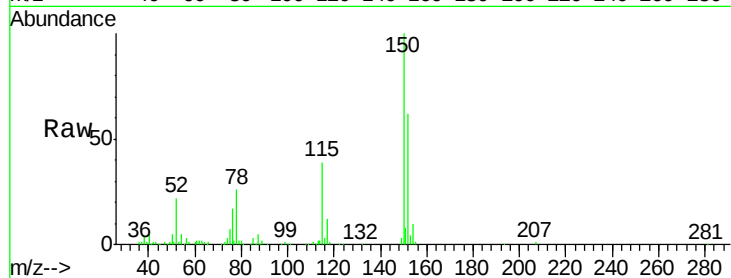


#1

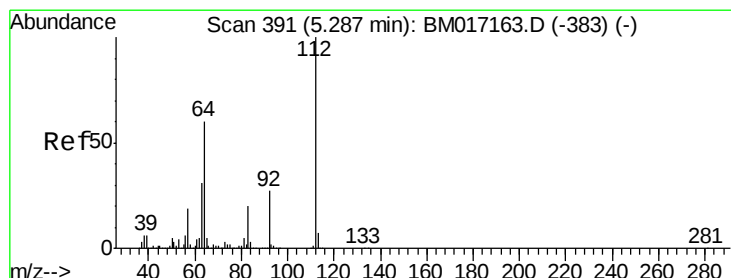
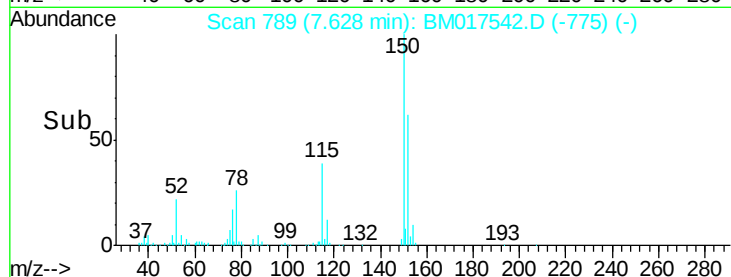
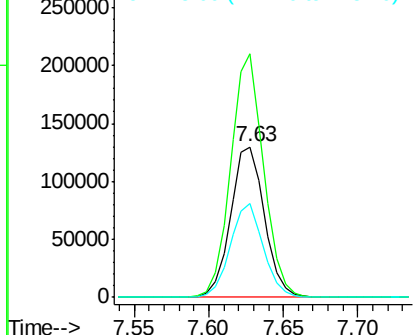
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017542.D
Acq: 07 Nov 2018 00:16

Instrument :
BNA_M
ClientSampleId :
TP3-A

Tgt Ion:152 Resp: 204938
Ion Ratio Lower Upper
152 100
150 161.5 124.3 186.5
115 62.4 48.1 72.1



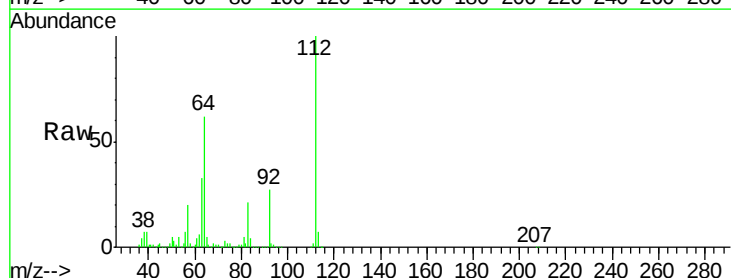
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



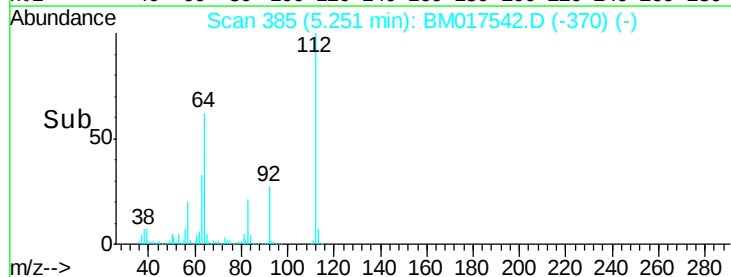
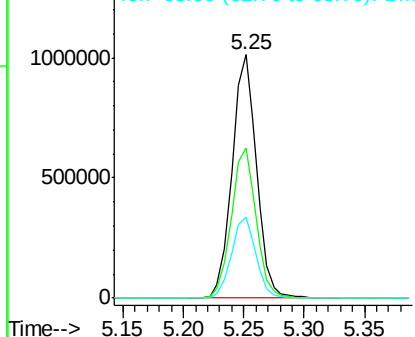
#5

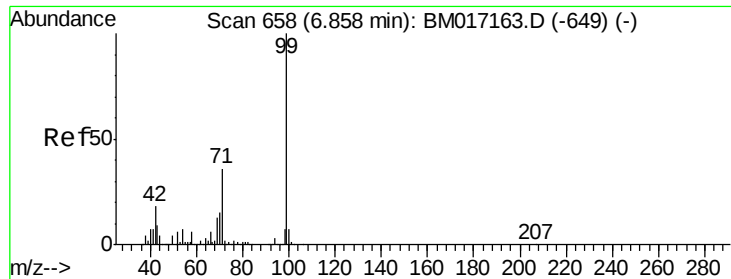
2-Fluorophenol
Concen: 117.779 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017542.D
Acq: 07 Nov 2018 00:16

Tgt Ion:112 Resp: 1427123
Ion Ratio Lower Upper
112 100
64 61.7 41.7 62.5
63 33.5 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: 101.968 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017542.D

Acq: 07 Nov 2018 00:16

Instrument :

BNA_M

ClientSampleId :

TP3-A

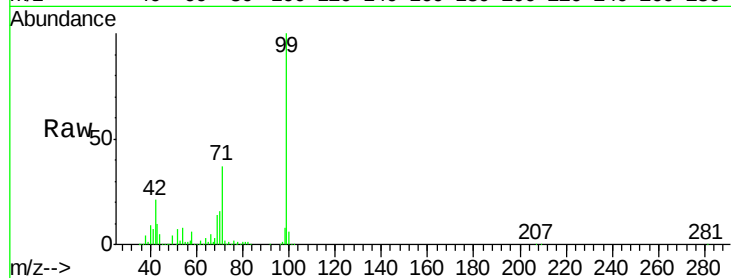
Tgt Ion: 99 Resp: 1682738

Ion Ratio Lower Upper

99 100

42 20.9 13.3 19.9#

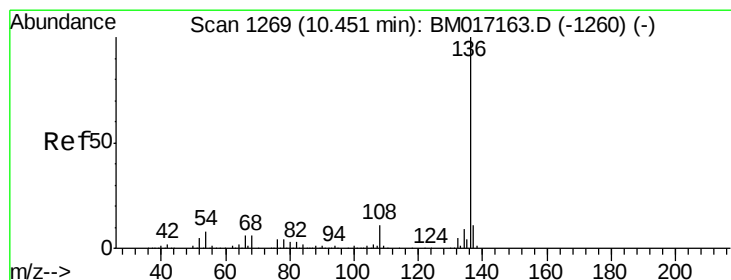
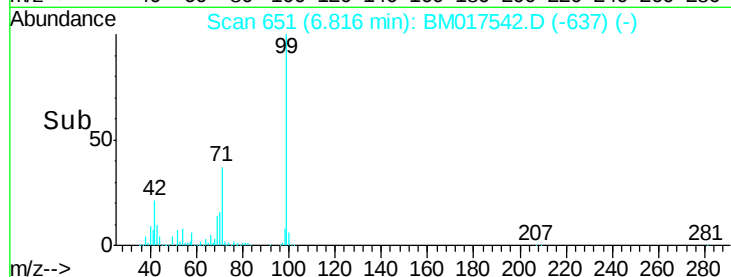
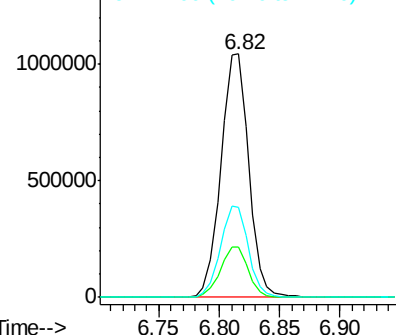
71 36.9 28.0 42.0



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: BM017542.D

Acq: 07 Nov 2018 00:16

Tgt Ion: 136 Resp: 776279

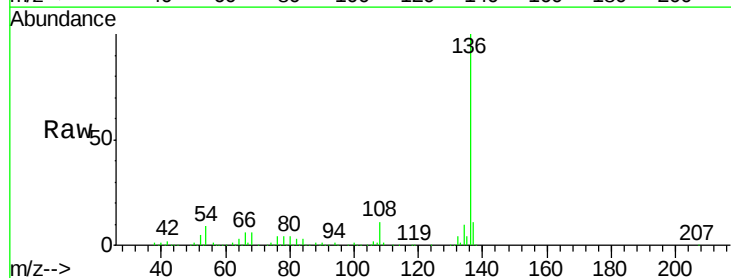
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.9 6.7 10.1

68 6.0 4.7 7.1

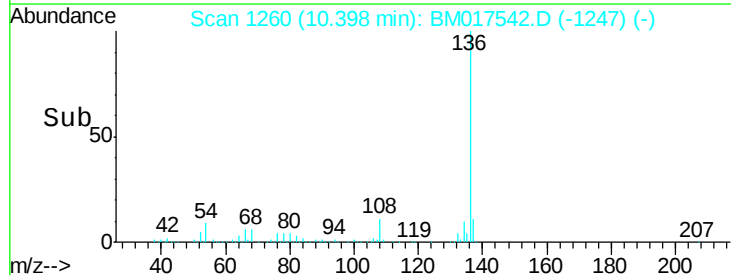
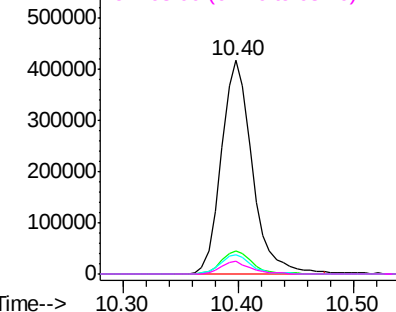


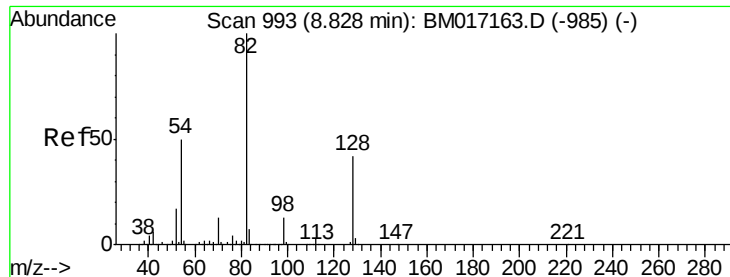
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

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: 101.398 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.02 min

Lab File: BM017542.D

Acq: 07 Nov 2018 00:16

Instrument :

BNA_M

ClientSampleId :

TP3-A

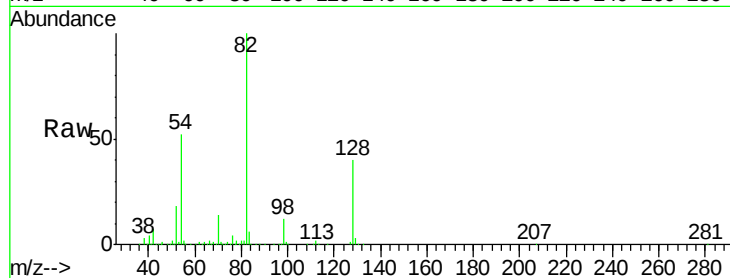
Tgt Ion: 82 Resp: 1345849

Ion Ratio Lower Upper

82 100

128 40.2 37.0 55.6

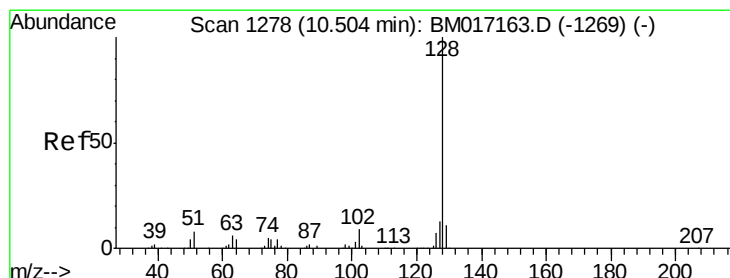
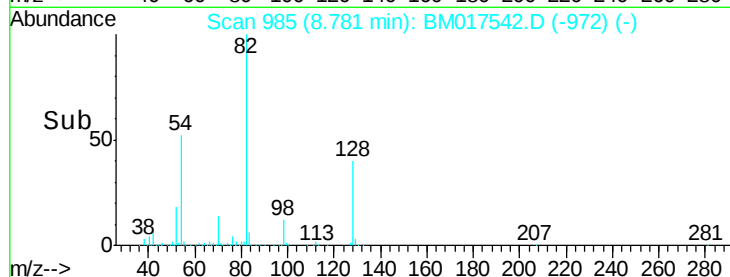
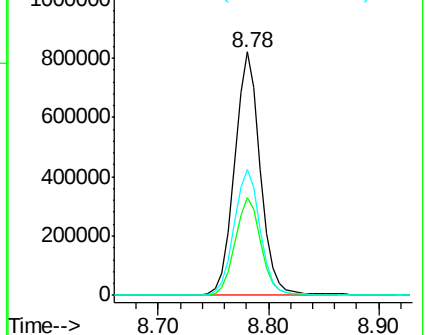
54 51.6 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM017542.D (-972) (-)

Ion 128.00 (127.70 to 128.70): BM017542.D (-972) (-)

Ion 54.00 (53.70 to 54.70): BM017542.D (-972) (-)



#31

Naphthalene

Concen: 5.149 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BM017542.D

Acq: 07 Nov 2018 00:16

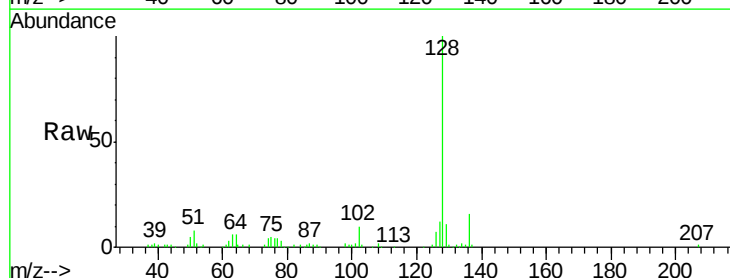
Tgt Ion: 128 Resp: 195898

Ion Ratio Lower Upper

128 100

129 11.5 8.5 12.7

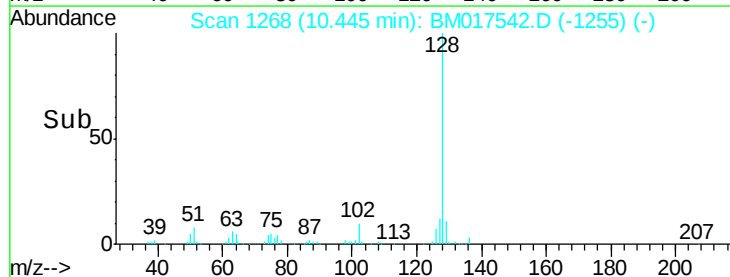
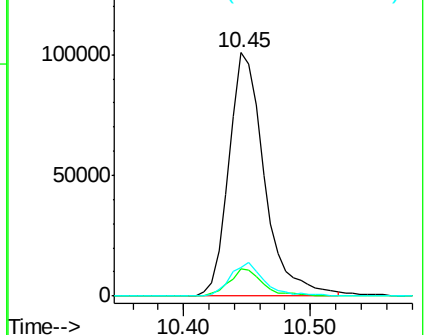
127 11.9 10.3 15.5

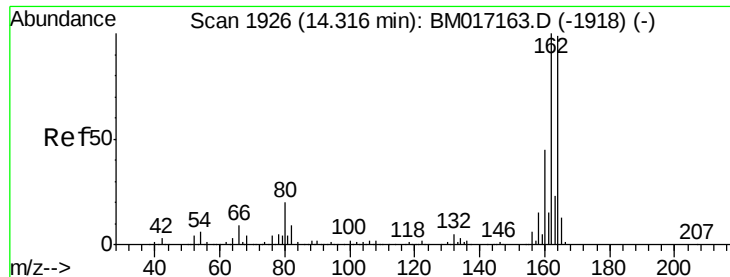


Abundance Ion 128.00 (127.70 to 128.70): BM017542.D (-1255) (-)

Ion 129.00 (128.70 to 129.70): BM017542.D (-1255) (-)

Ion 127.00 (126.70 to 127.70): BM017542.D (-1255) (-)





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.27 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM017542.D

Acq: 07 Nov 2018 00:16

Instrument :

BNA_M

ClientSampleId :

TP3-A

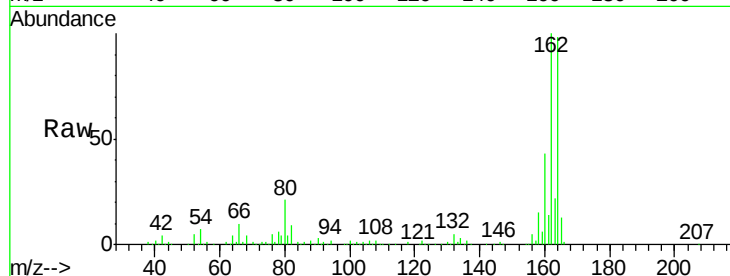
Tgt Ion:164 Resp: 462447

Ion Ratio Lower Upper

164 100

162 102.2 82.1 123.1

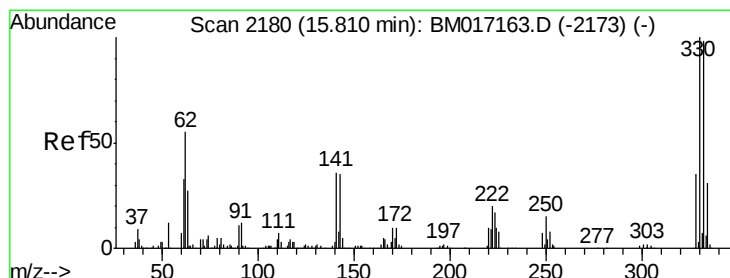
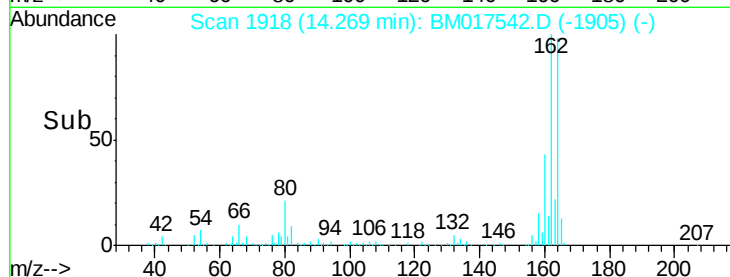
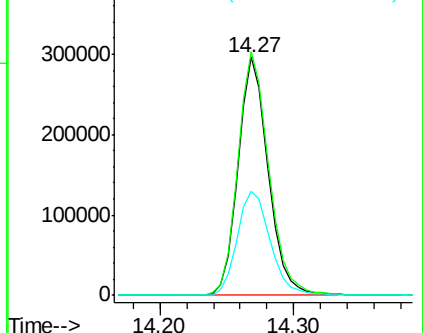
160 43.6 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 155.774 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM017542.D

Acq: 07 Nov 2018 00:16

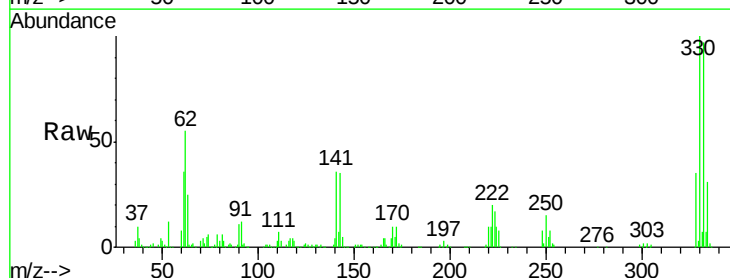
Tgt Ion:330 Resp: 974198

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

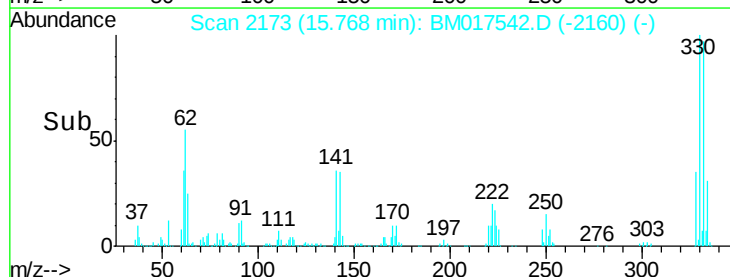
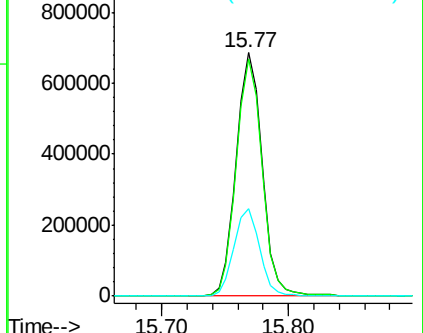
141 35.9 27.4 41.0

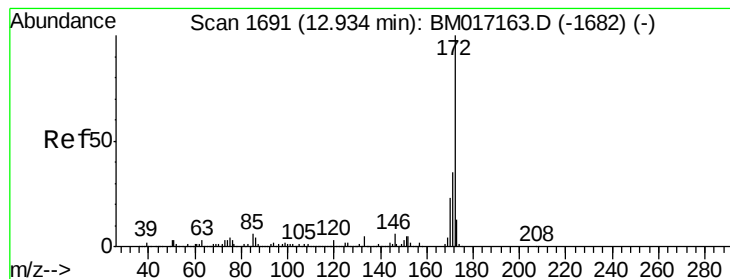


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 90.014 ng

RT: 12.89 min Scan# 1683

Delta R.T. -0.02 min

Lab File: BM017542.D

Acq: 07 Nov 2018 00:16

Instrument :

BNA_M

ClientSampled :

TP3-A

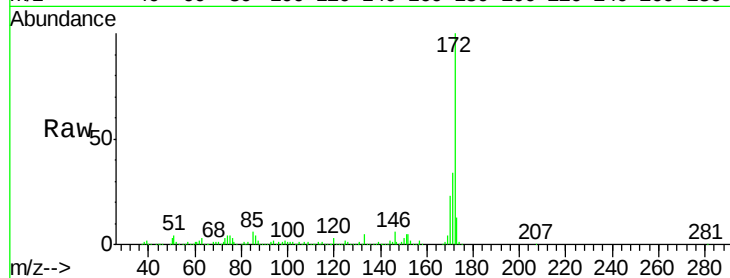
Tgt Ion:172 Resp: 3128549

Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

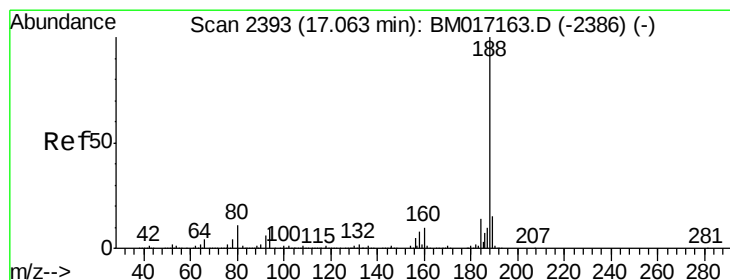
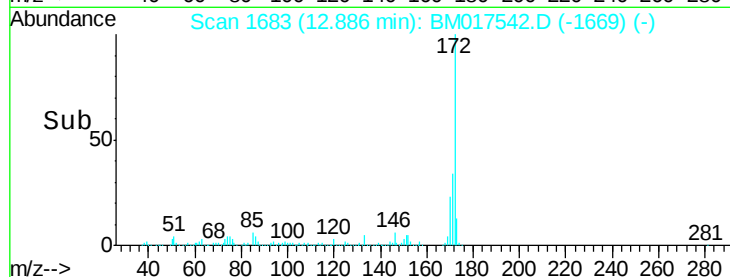
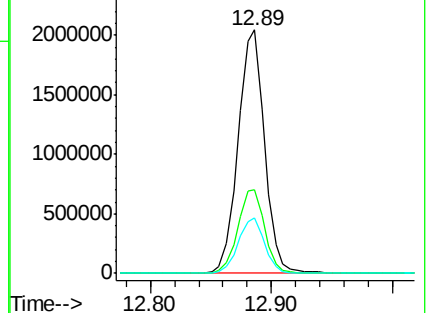
170 22.6 18.3 27.5



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: 17.02 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM017542.D

Acq: 07 Nov 2018 00:16

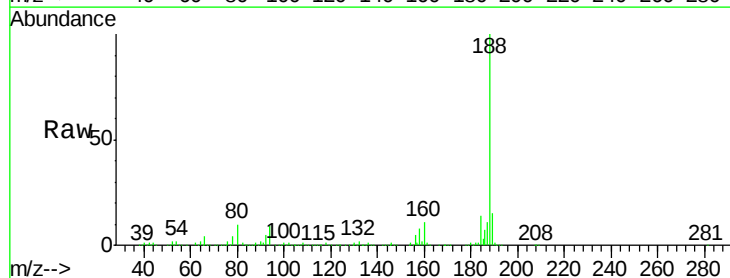
Tgt Ion:188 Resp: 1173539

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

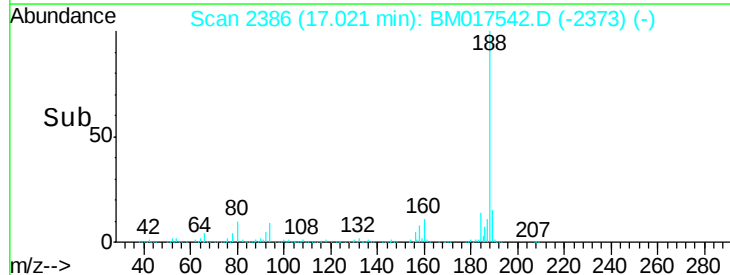
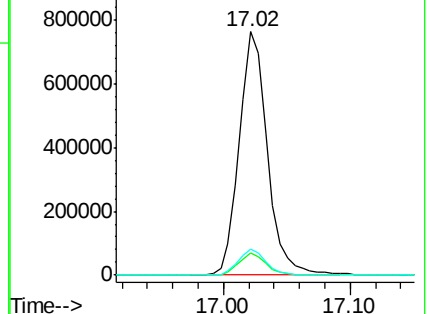
80 10.5 7.7 11.5

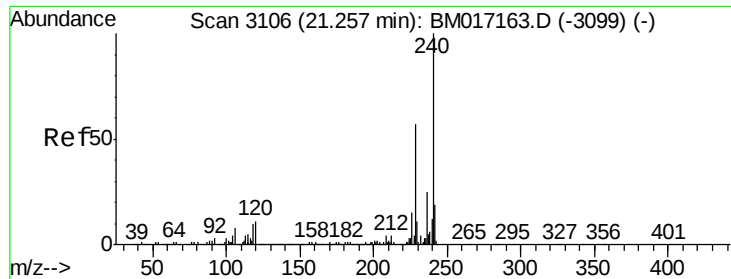


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

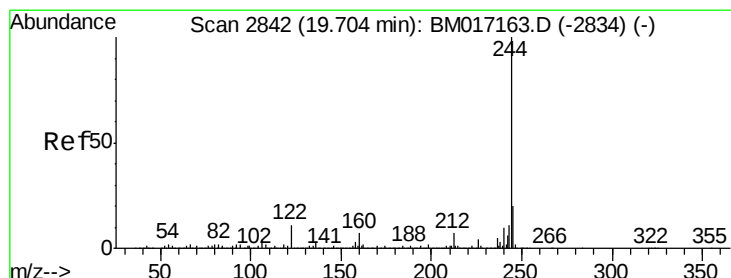
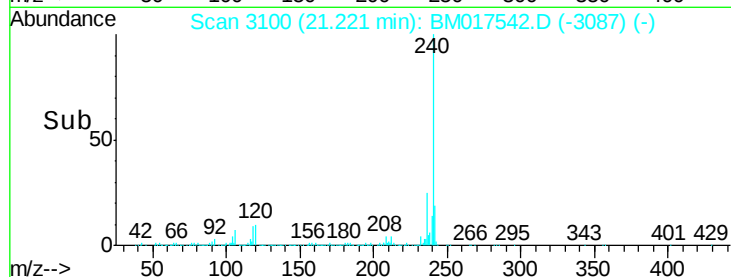
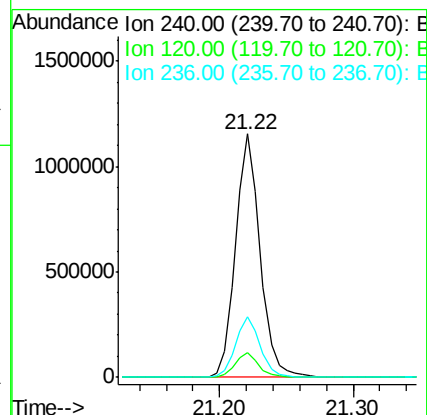
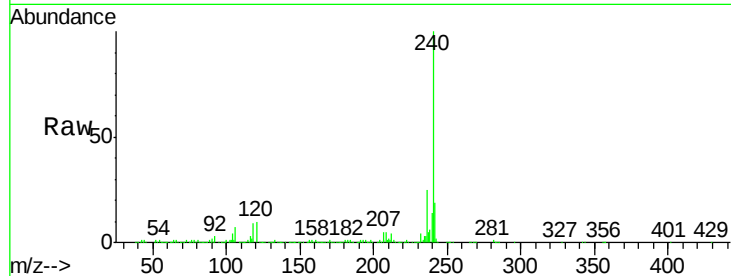




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017542.D
Acq: 07 Nov 2018 00:16

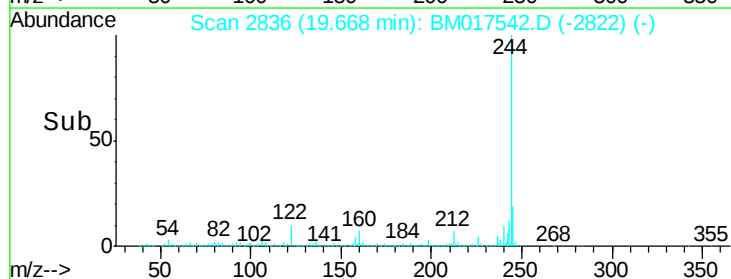
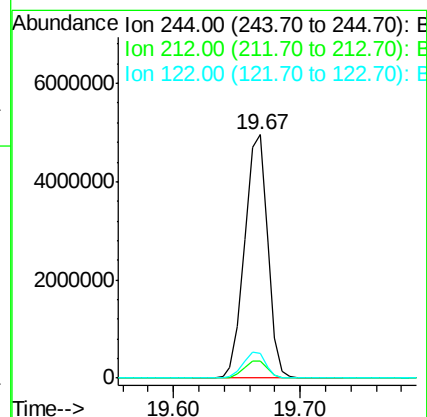
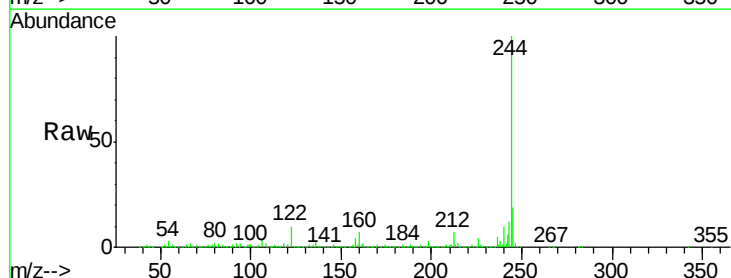
Instrument :
BNA_M
ClientSampleId :
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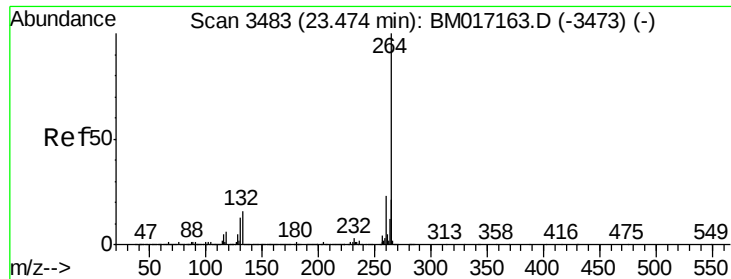
Tgt Ion:240 Resp: 1488730
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 25.0 19.9 29.9



#79
Terphenyl-d14
Concen: 93.942 ng
RT: 19.67 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BM017542.D
Acq: 07 Nov 2018 00:16

Tgt Ion:244 Resp: 6204700
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 10.0 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: BM017542.D
Acq: 07 Nov 2018 00:16

Instrument :
BNA_M
ClientSampleId :
TP3-A

Tgt Ion:264 Resp: 1585809

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.0	17.8	26.8

