

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015911.D
 Acq On : 12 Jul 2018 12:45
 Operator : SJ/JU
 Sample : J3927-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CS-RBR-200031

Quant Time: Jul 12 14:46:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	66539	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	245136	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	124783	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	258665	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	231267	20.00	ng	-0.02
86) Perylene-d12	24.14	264	241943	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	601400	155.00	ng	-0.02
7) Phenol-d6	7.44	99	678149	127.67	ng	-0.02
23) Nitrobenzene-d5	9.47	82	593543	118.14	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	266738	163.60	ng	-0.02
44) 2-Fluorobiphenyl	13.53	172	1170378	116.44	ng	-0.03
78) Terphenyl-d14	20.20	244	1613493	129.41	ng	-0.02

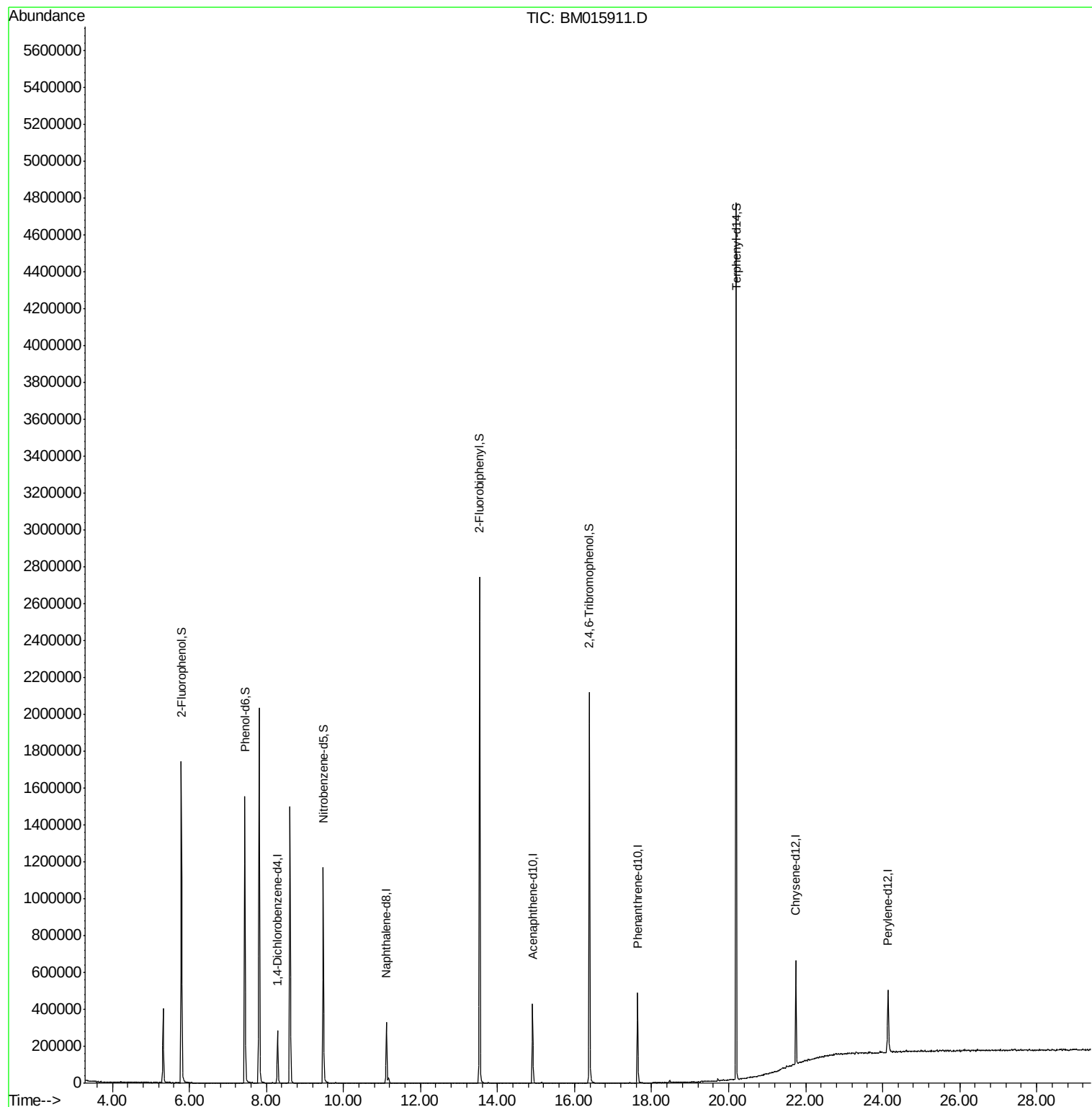
Target Compounds Qvalue

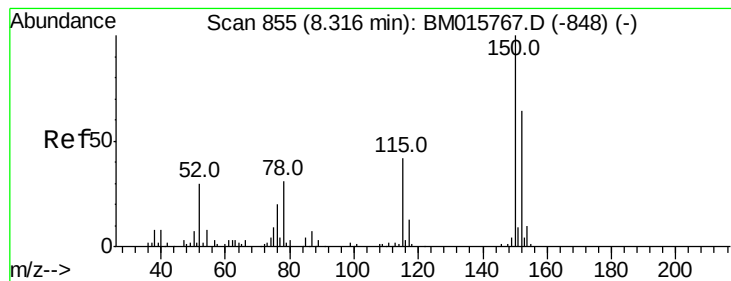
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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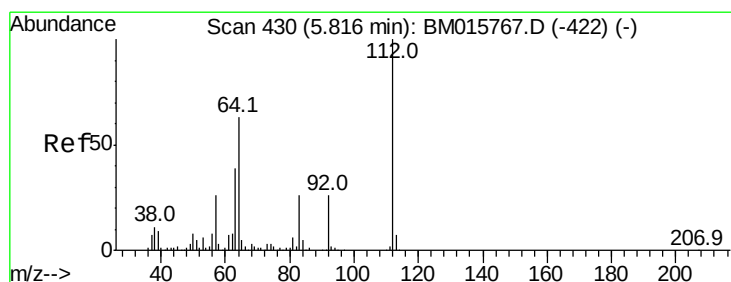
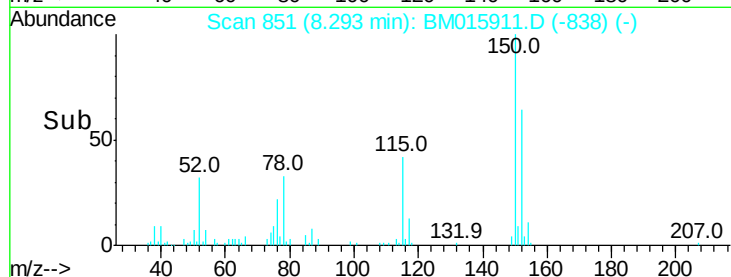
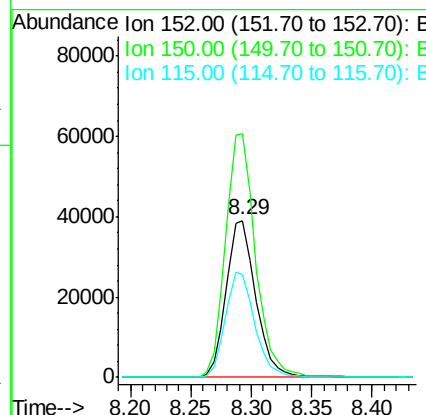
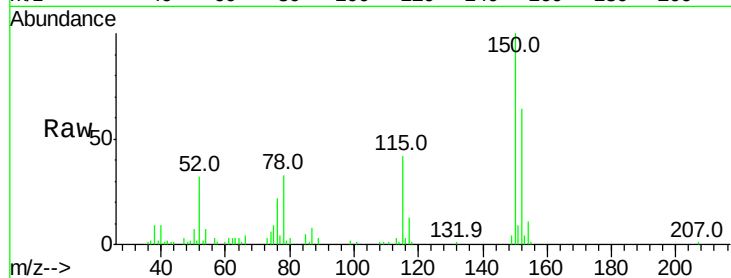


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015911.D
Acq: 12 Jul 2018 12:45

Instrument :
BNA_M
ClientSampleId :
CS-RBR-200031

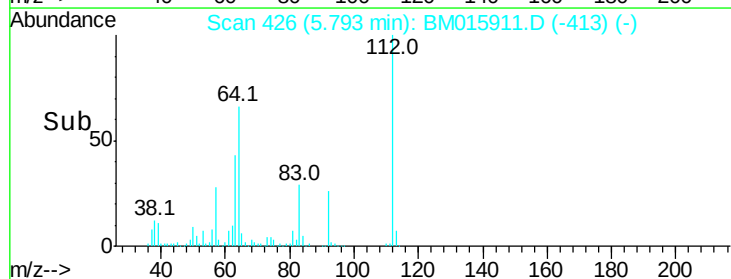
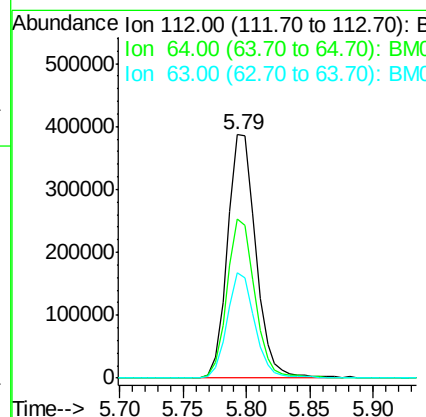
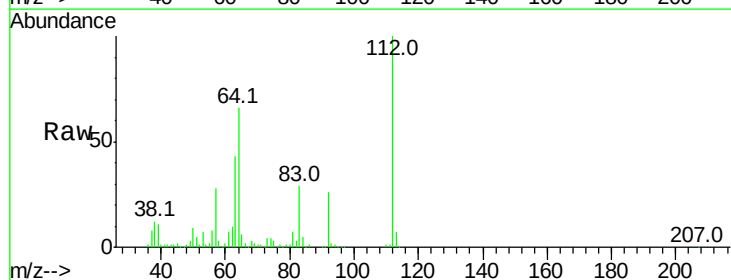
Tot Ion:152 Resp: 66539
Ion Ratio Lower Upper
152 100
150 155.4 119.5 179.3
115 65.9 43.0 64.4#

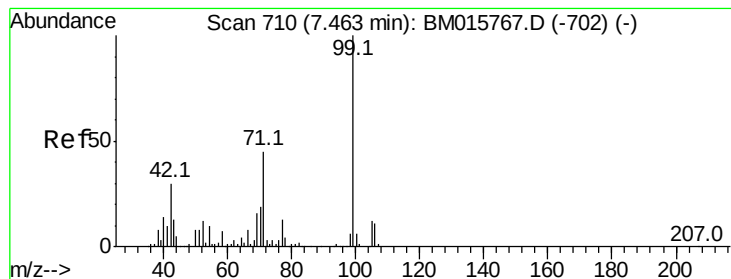


#5

2-Fluorophenol
Concen: Below ng
RT: 5.79 min Scan# 426
Delta R.T. -0.02 min
Lab File: BM015911.D
Acq: 12 Jul 2018 12:45

Tgt Ion:112 Resp: 601400
Ion Ratio Lower Upper
112 100
64 65.5 38.6 57.8#
63 43.2 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015911.D

Acq: 12 Jul 2018 12:45

Instrument :

BNA_M

ClientSampleId :

CS-RBR-200031

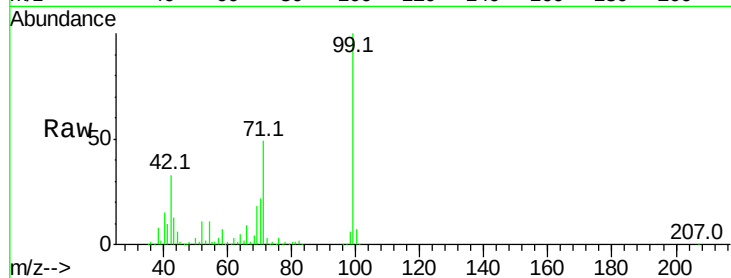
Tot Ion: 99 Resp: 678149

Ion Ratio Lower Upper

99 100

42 33.5 11.0 16.4#

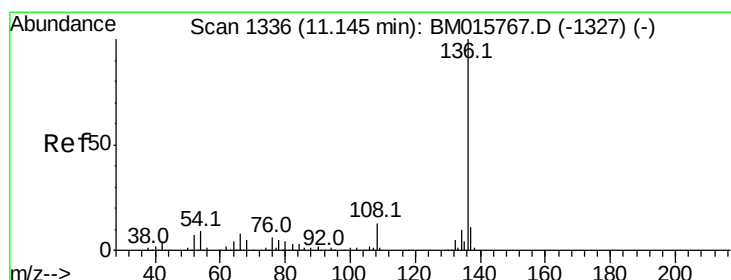
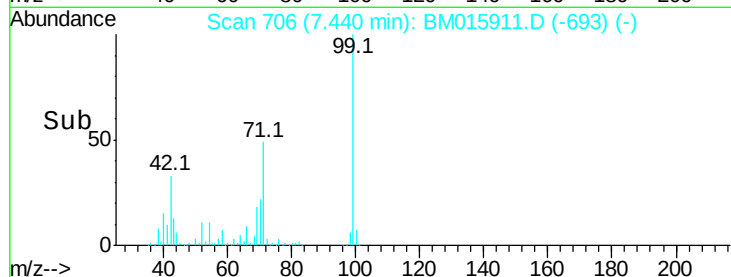
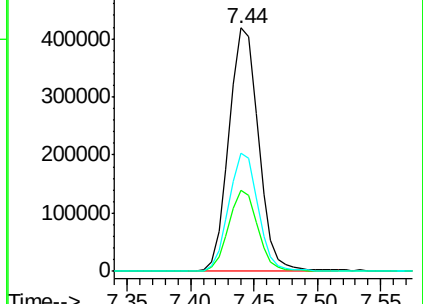
71 48.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM015911.D

Acq: 12 Jul 2018 12:45

Tgt Ion: 136 Resp: 245136

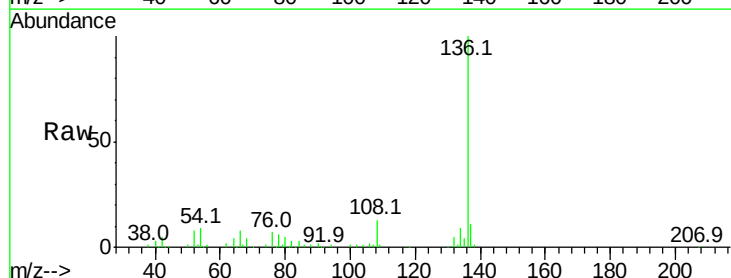
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.1 4.6 6.8#

68 4.2 3.7 5.5

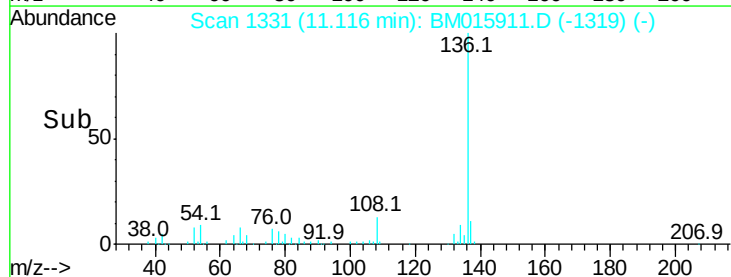
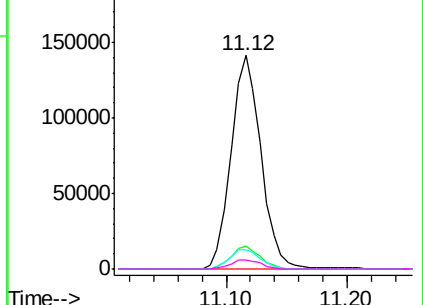


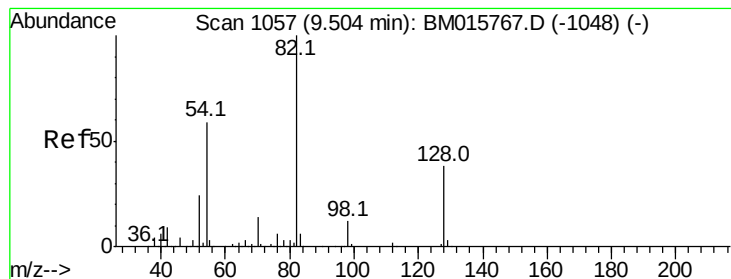
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.47 min Scan# 1052

Delta R.T. -0.03 min

Lab File: BM015911.D

Acq: 12 Jul 2018 12:45

Instrument :

BNA_M

ClientSampleId :

CS-RBR-200031

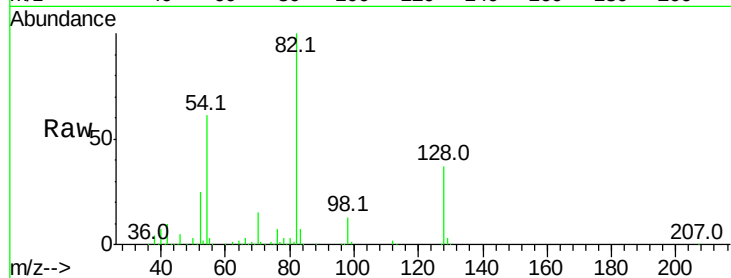
Tot Ion: 82 Resp: 593543

Ion Ratio Lower Upper

82 100

128 37.2 32.8 49.2

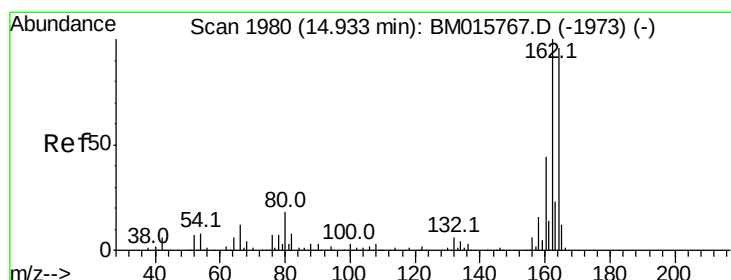
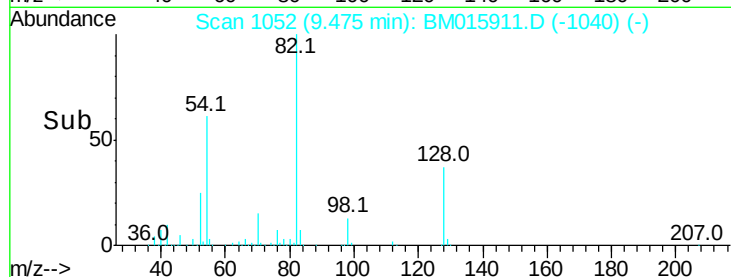
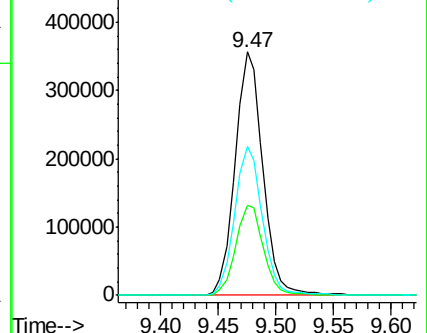
54 61.1 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM015911.D (-1040) (-)

Ion 128.00 (127.70 to 128.70): BM015911.D (-1040) (-)

Ion 54.00 (53.70 to 54.70): BM015911.D (-1040) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.91 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BM015911.D

Acq: 12 Jul 2018 12:45

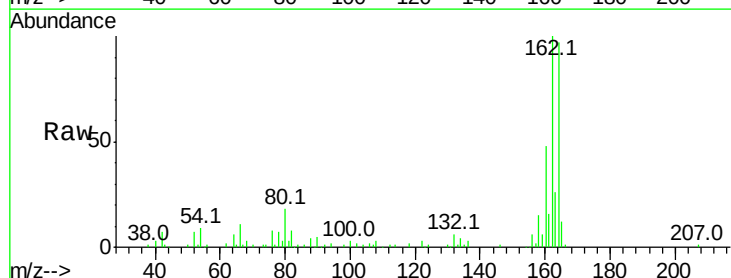
Tgt Ion:164 Resp: 124783

Ion Ratio Lower Upper

164 100

162 103.4 82.4 123.6

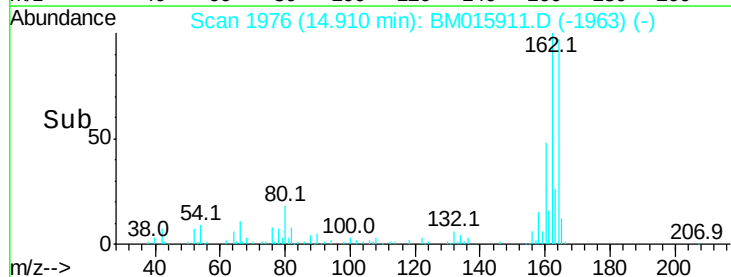
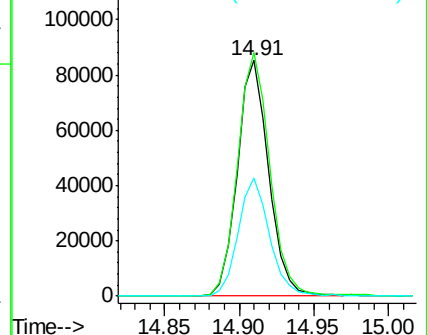
160 50.1 35.8 53.6

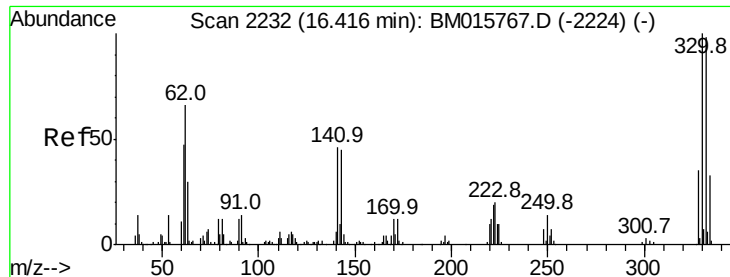


Abundance Ion 164.00 (163.70 to 164.70): BM015911.D (-1963) (-)

Ion 162.00 (161.70 to 162.70): BM015911.D (-1963) (-)

Ion 160.00 (159.70 to 160.70): BM015911.D (-1963) (-)

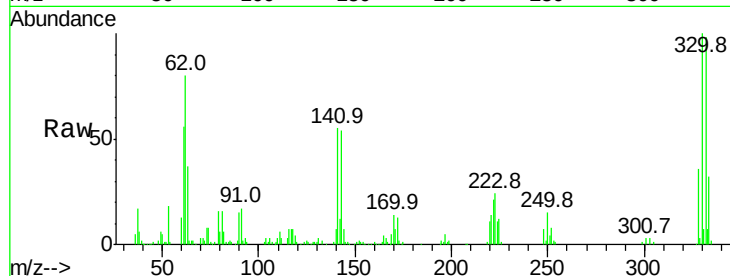




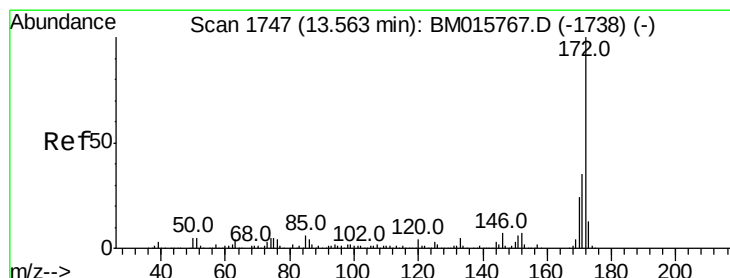
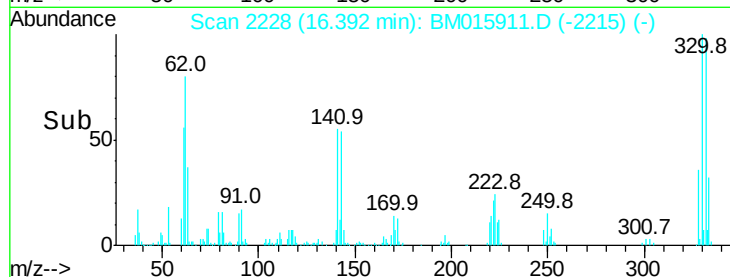
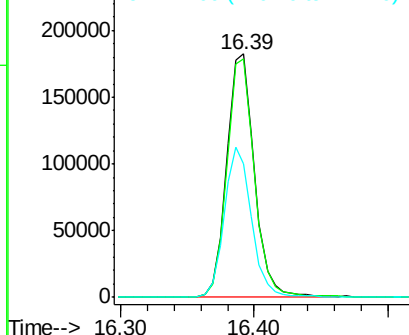
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015911.D
 Acq: 12 Jul 2018 12:45

Instrument :
 BNA_M
 ClientSampleId :
 CS-RBR-200031

Tot Ion:330 Resp: 266738
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 60.9 0.0 0.0#

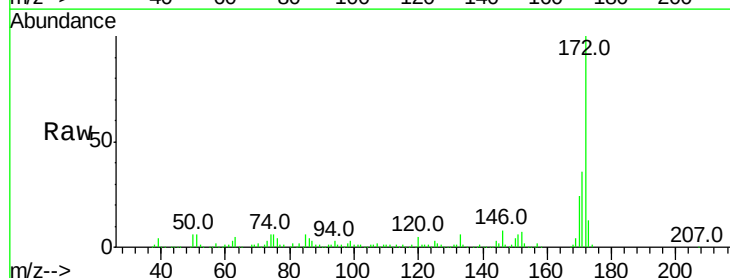


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

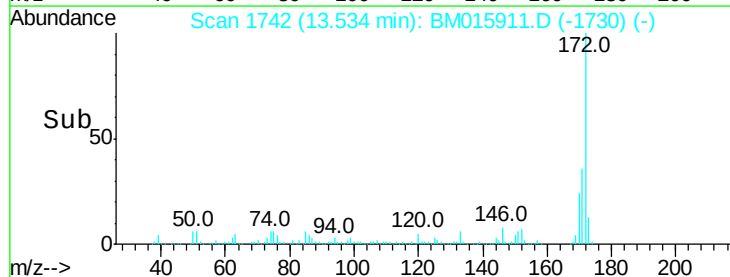
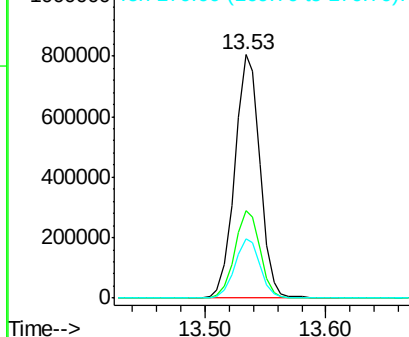


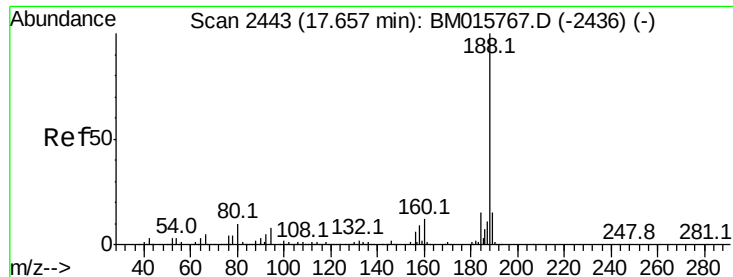
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015911.D
 Acq: 12 Jul 2018 12:45

Tgt Ion:172 Resp: 1170378
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.3 18.8 28.2



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

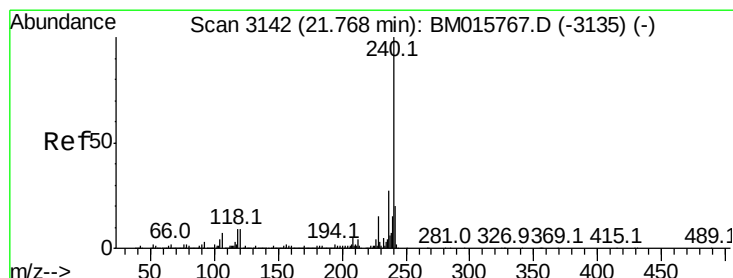
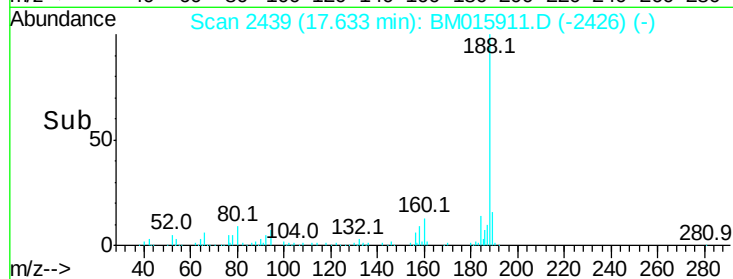
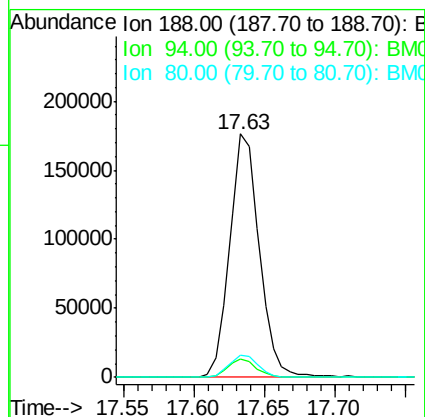
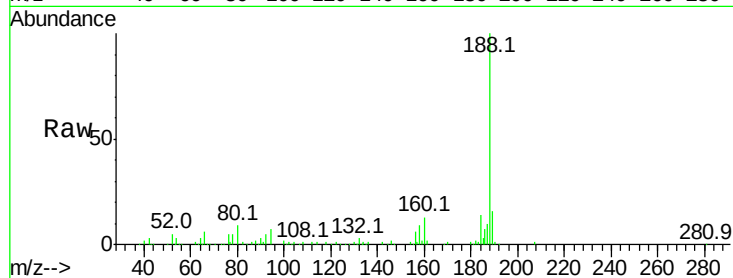




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM015911.D
Acq: 12 Jul 2018 12:45

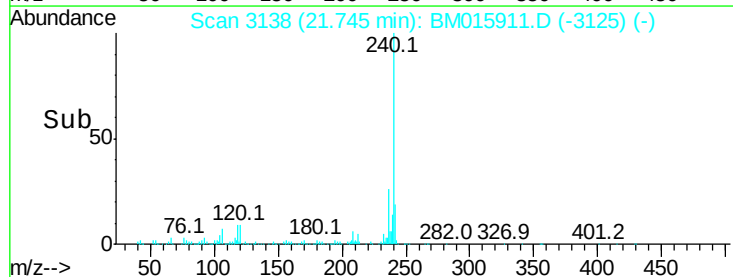
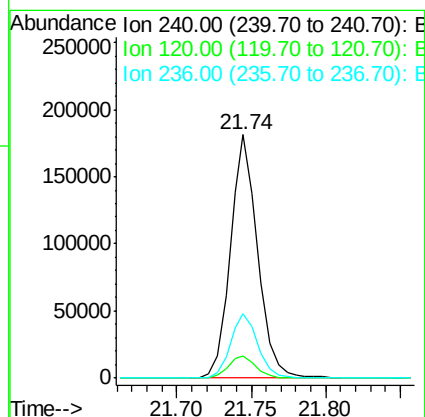
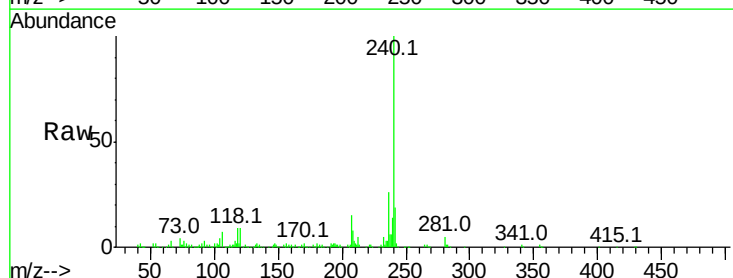
Instrument :
BNA_M
ClientSampleId :
CS-RBR-200031

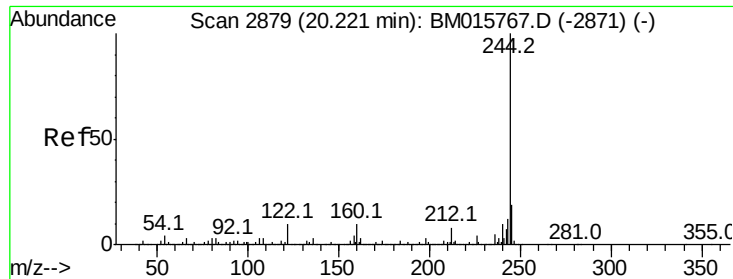
Tot Ion:188 Resp: 258665
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 9.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BM015911.D
Acq: 12 Jul 2018 12:45

Tgt Ion:240 Resp: 231267
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 26.5 20.0 30.0

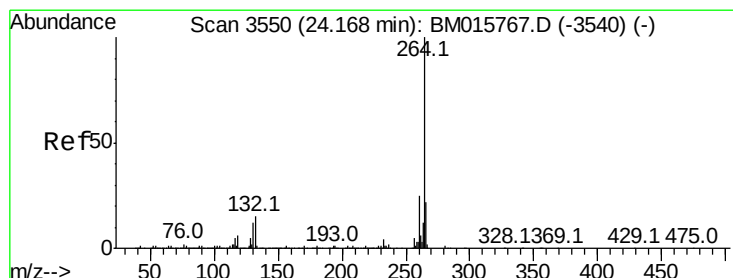
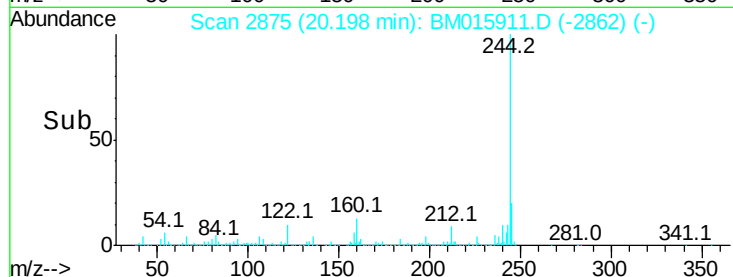
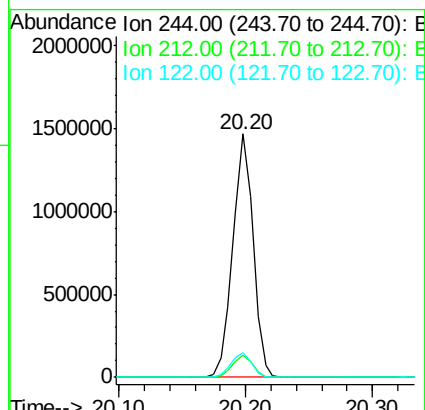
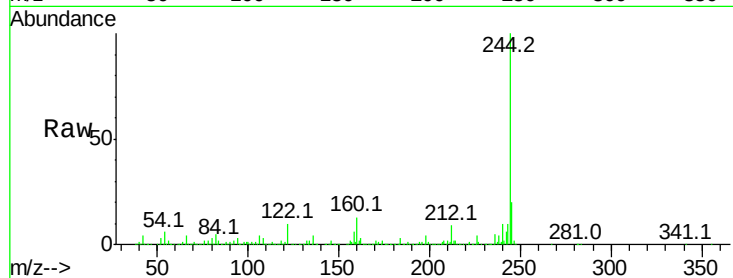




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.20 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BM015911.D
 Acq: 12 Jul 2018 12:45

Instrument :
 BNA_M
 ClientSampleId :
 CS-RBR-200031

Tot Ion:244 Resp: 1613493
 Ion Ratio Lower Upper
 244 100
 212 9.1 4.9 7.3#
 122 10.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.14 min Scan# 3545
 Delta R.T. -0.03 min
 Lab File: BM015911.D
 Acq: 12 Jul 2018 12:45

Tgt Ion:264 Resp: 241943
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 22.3 17.3 25.9

