

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071118\
 Data File : BM015909.D
 Acq On : 12 Jul 2018 11:31
 Operator : SJ/JU
 Sample : J3924-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-1-4

Quant Time: Jul 12 12:14:16 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	73738	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	274739	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	141218	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	292221	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	257110	20.00	ng	-0.02
86) Perylene-d12	24.14	264	266034	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	683033	158.86	ng	-0.02
7) Phenol-d6	7.45	99	760277	129.16	ng	-0.02
23) Nitrobenzene-d5	9.47	82	662357	117.63	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	312094	169.14	ng	-0.02
44) 2-Fluorobiphenyl	13.53	172	1353153	118.96	ng	-0.03
78) Terphenyl-d14	20.20	244	1835311	132.40	ng	-0.02

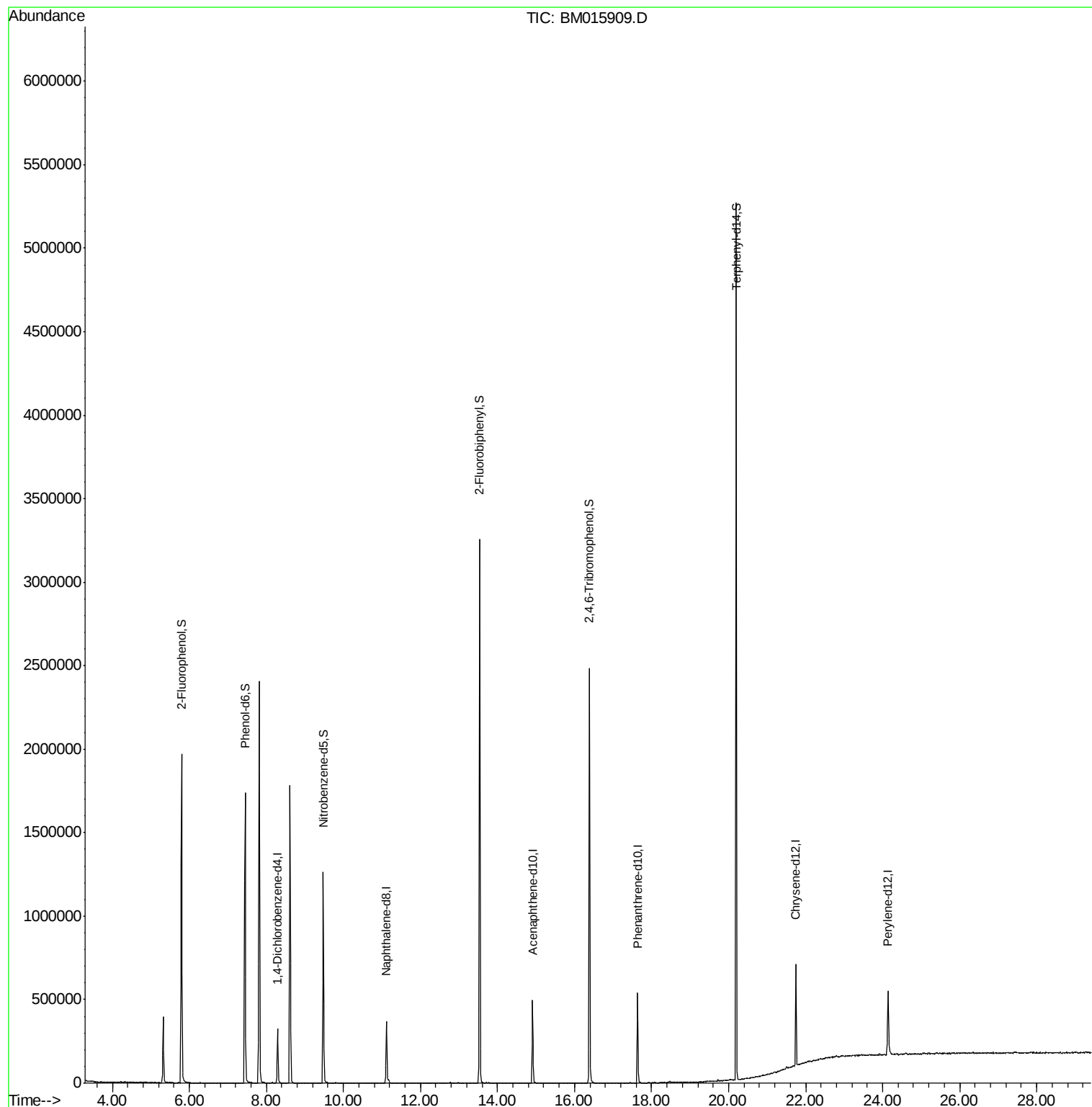
Target Compounds	Qvalue
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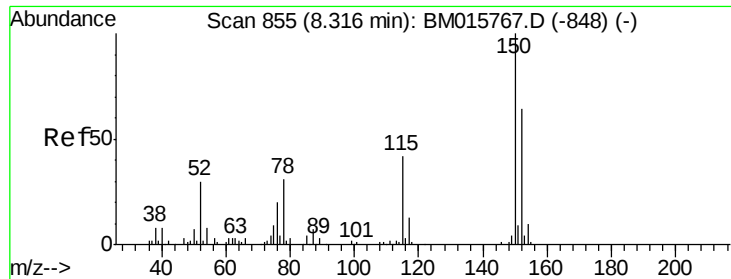
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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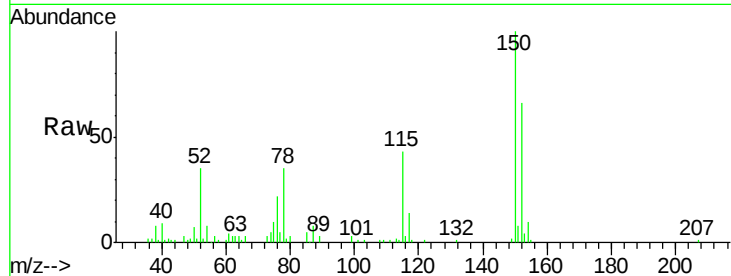


#1

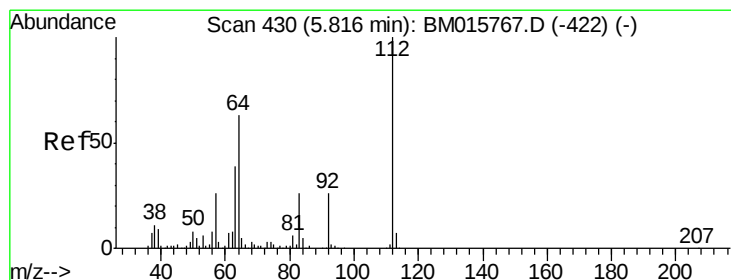
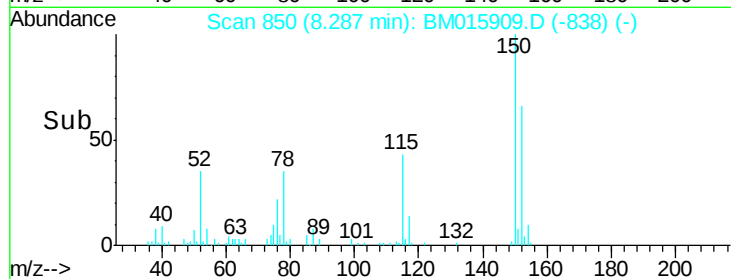
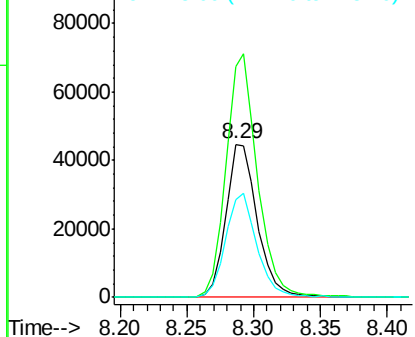
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 850
 Delta R.T. -0.03 min
 Lab File: BM015909.D
 Acq: 12 Jul 2018 11:31

Instrument :
 BNA_M
 ClientSampleId :
 RO-1-4

Tgt Ion:152 Resp: 73738
 Ion Ratio Lower Upper
 152 100
 150 150.7 119.5 179.3
 115 64.0 43.0 64.4



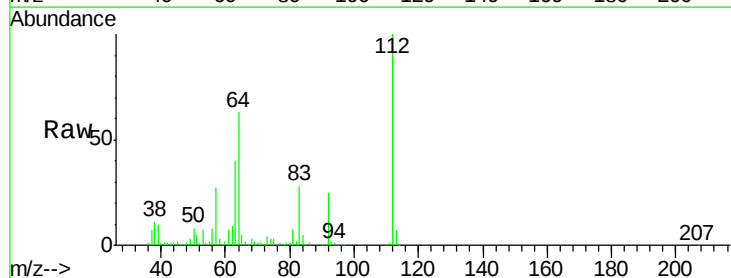
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



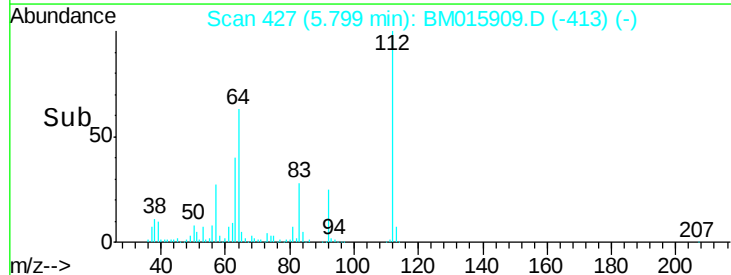
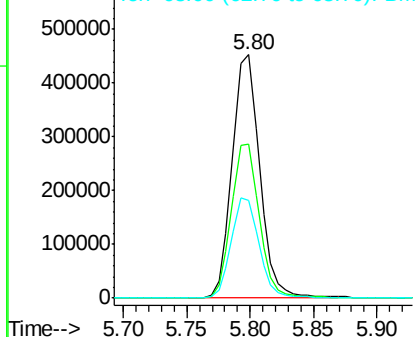
#5

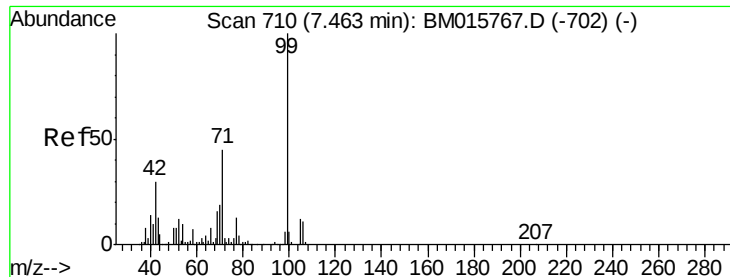
2-Fluorophenol
 Concen: Below ng
 RT: 5.80 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BM015909.D
 Acq: 12 Jul 2018 11:31

Tgt Ion:112 Resp: 683033
 Ion Ratio Lower Upper
 112 100
 64 63.3 38.6 57.8#
 63 40.4 19.3 28.9#



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: N.D. ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015909.D

Acq: 12 Jul 2018 11:31

Instrument :

BNA_M

ClientSampleId :

RO-1-4

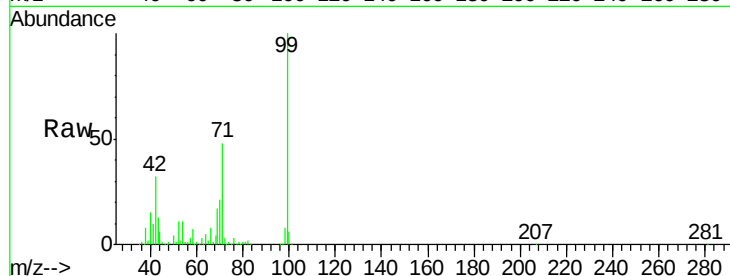
Tgt Ion: 99 Resp: 760277

Ion Ratio Lower Upper

99 100

42 32.3 11.0 16.4#

71 47.7 23.4 35.2#

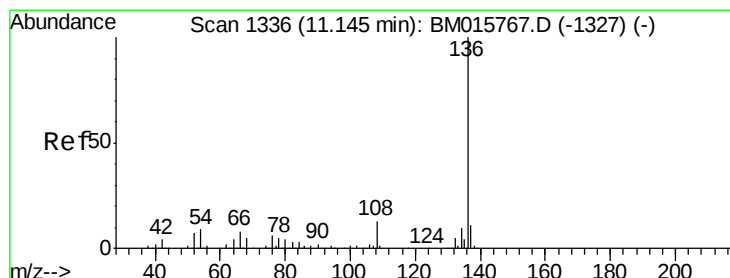
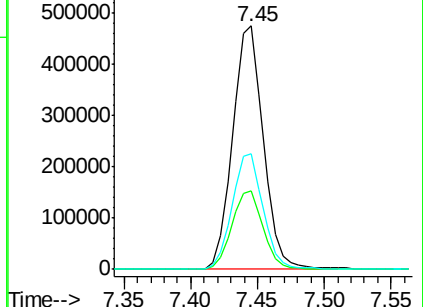
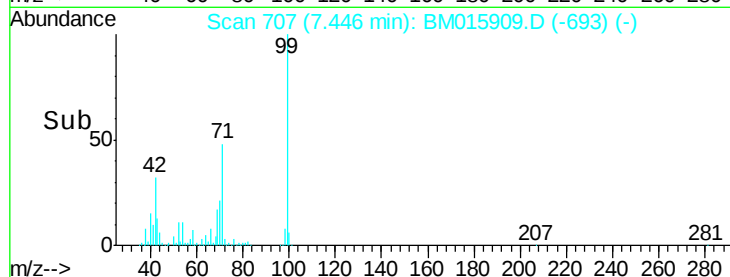


Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

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

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM015909.D

Acq: 12 Jul 2018 11:31

Tgt Ion: 136 Resp: 274739

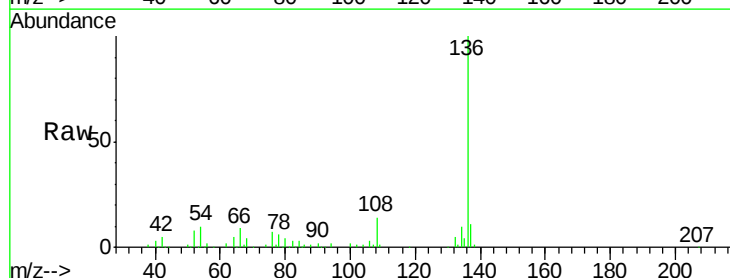
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.7 4.6 6.8#

68 4.5 3.7 5.5



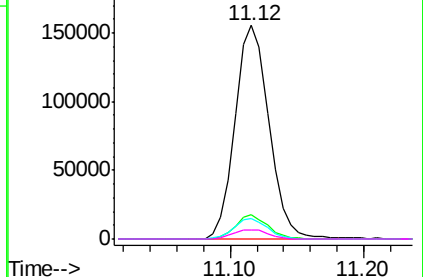
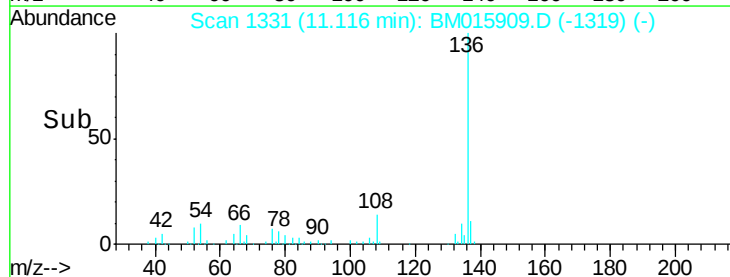
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

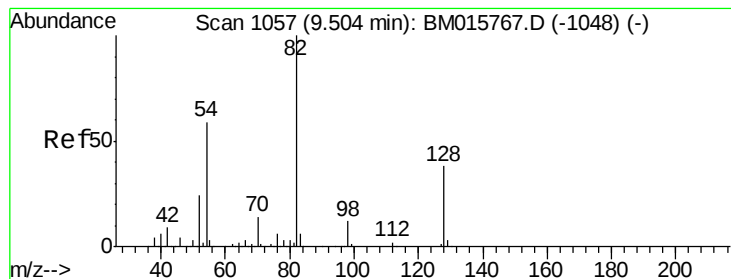
Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

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

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

Time-->





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.47 min Scan# 1052

Delta R.T. -0.03 min

Lab File: BM015909.D

Acq: 12 Jul 2018 11:31

Instrument :

BNA_M

ClientSampleId :

RO-1-4

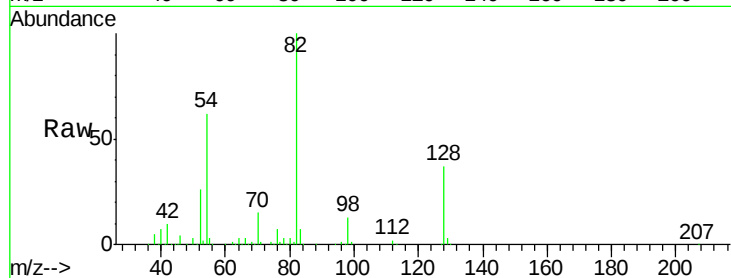
Tgt Ion: 82 Resp: 662357

Ion Ratio Lower Upper

82 100

128 36.6 32.8 49.2

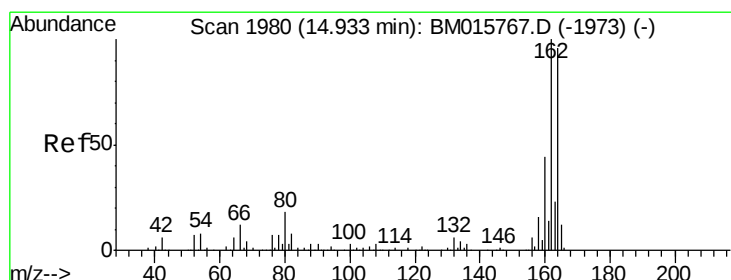
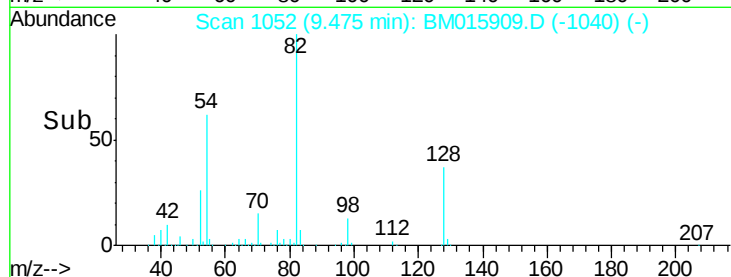
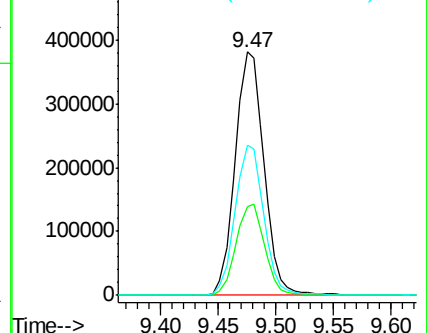
54 61.9 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1048) (-)

Ion 128.00 (127.70 to 128.70): BM015767.D (-1048) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1048) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.91 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BM015909.D

Acq: 12 Jul 2018 11:31

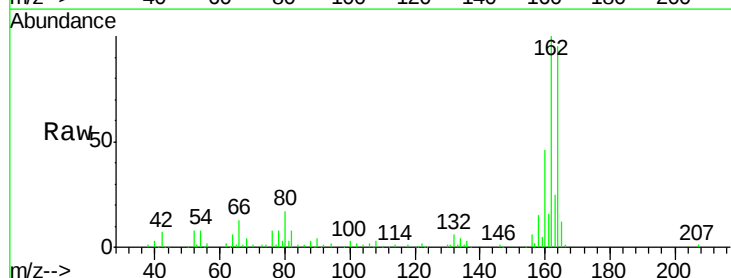
Tgt Ion: 164 Resp: 141218

Ion Ratio Lower Upper

164 100

162 105.3 82.4 123.6

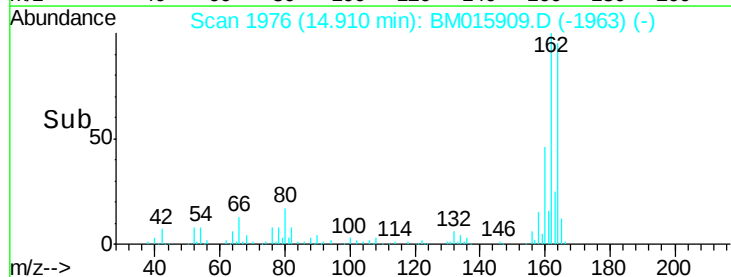
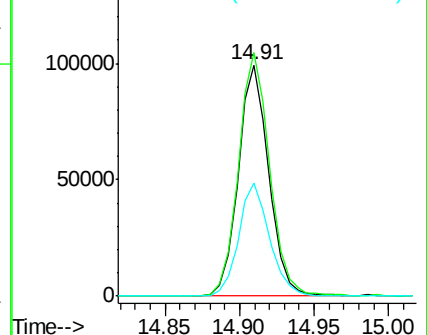
160 48.8 35.8 53.6

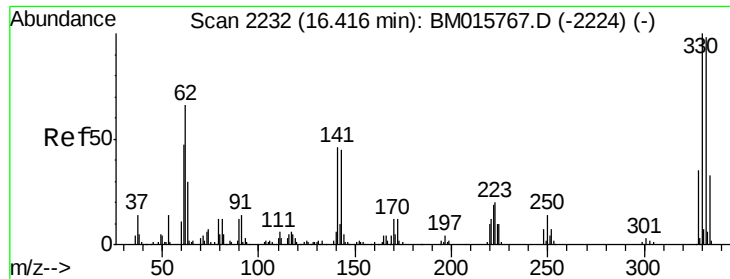


Abundance Ion 164.00 (163.70 to 164.70): BM015767.D (-1973) (-)

Ion 162.00 (161.70 to 162.70): BM015767.D (-1973) (-)

Ion 160.00 (159.70 to 160.70): BM015767.D (-1973) (-)

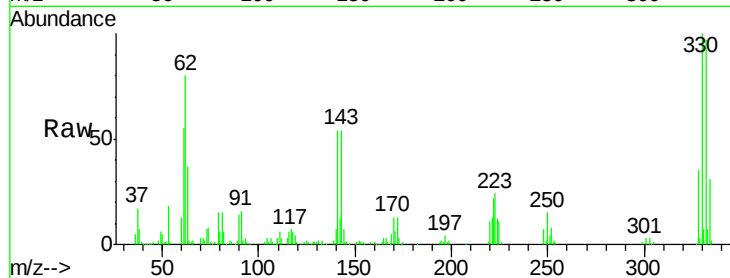




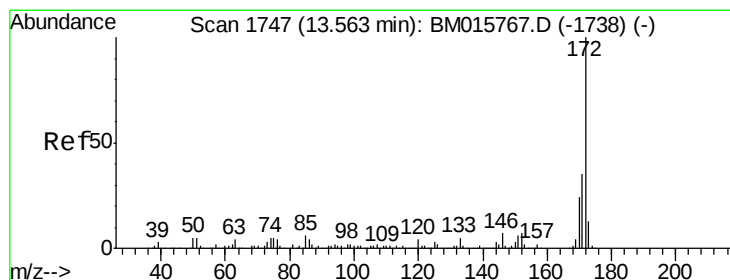
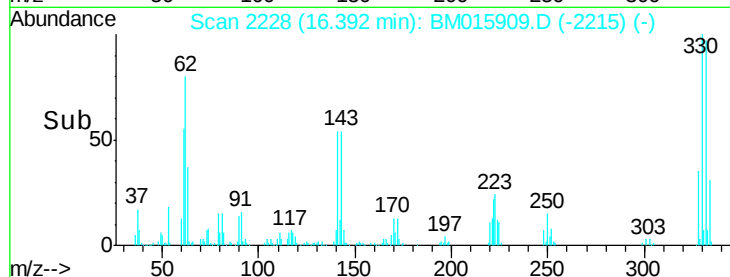
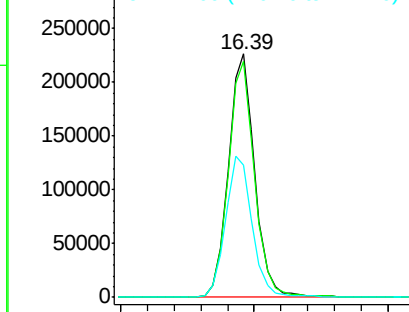
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015909.D
 Acq: 12 Jul 2018 11:31

Instrument :
 BNA_M
 ClientSampleId :
 RO-1-4

Tgt Ion: 330 Resp: 312094
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 59.4 0.0 0.0#

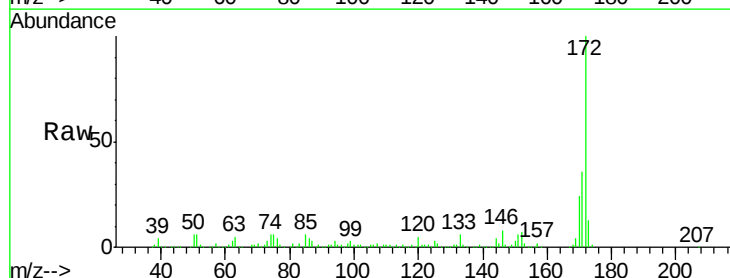


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

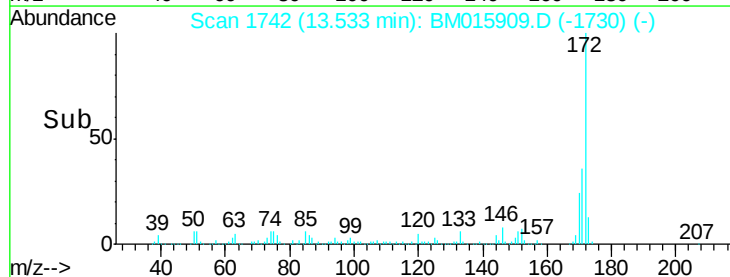
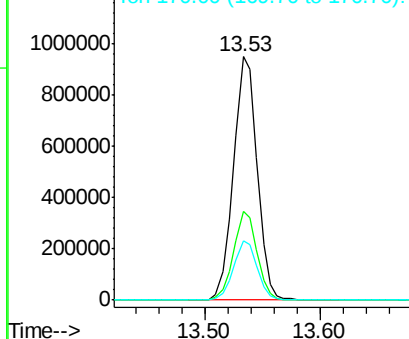


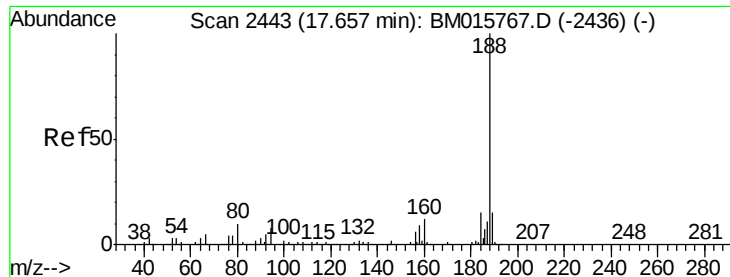
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015909.D
 Acq: 12 Jul 2018 11:31

Tgt Ion: 172 Resp: 1353153
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

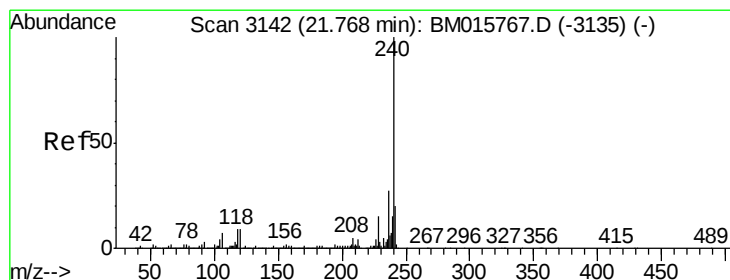
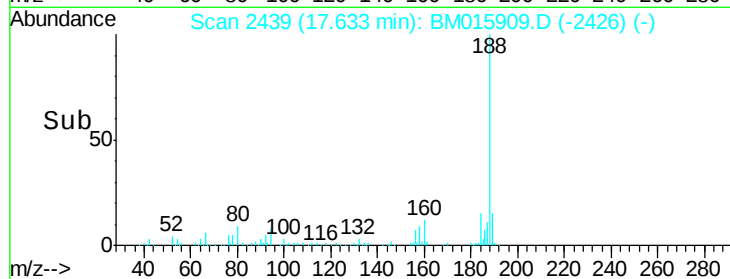
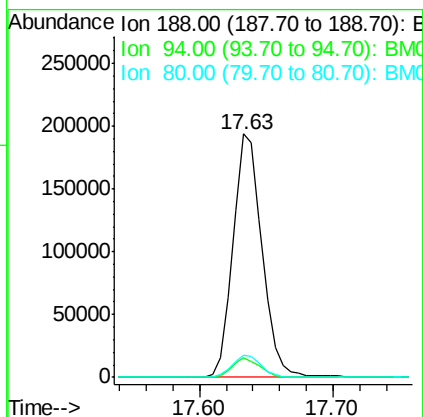
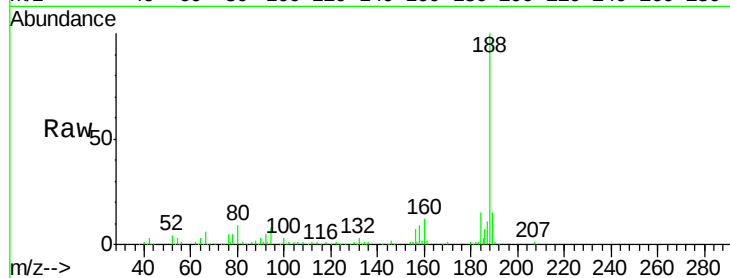




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM015909.D
Acq: 12 Jul 2018 11:31

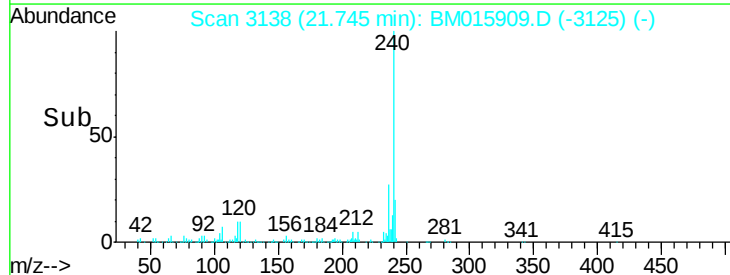
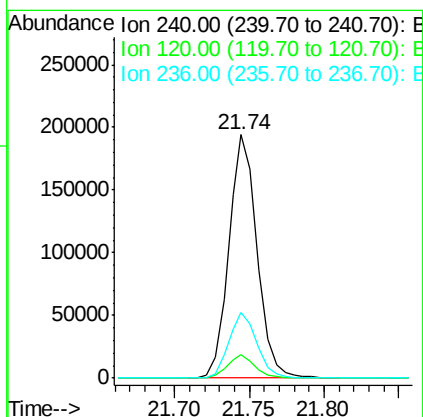
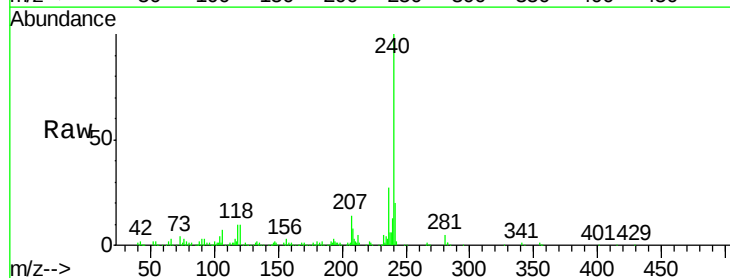
Instrument :
BNA_M
ClientSampleId :
RO-1-4

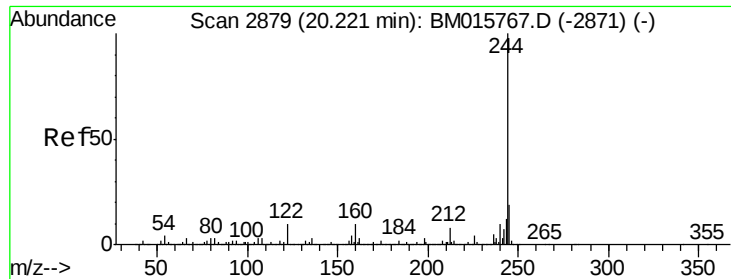
Tgt Ion:188 Resp: 292221
Ion Ratio Lower Upper
188 100
94 8.1 8.7 13.1#
80 9.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BM015909.D
Acq: 12 Jul 2018 11:31

Tgt Ion:240 Resp: 257110
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 26.8 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: BM015909.D

Acq: 12 Jul 2018 11:31

Instrument :

BNA_M

ClientSampled :

RO-1-4

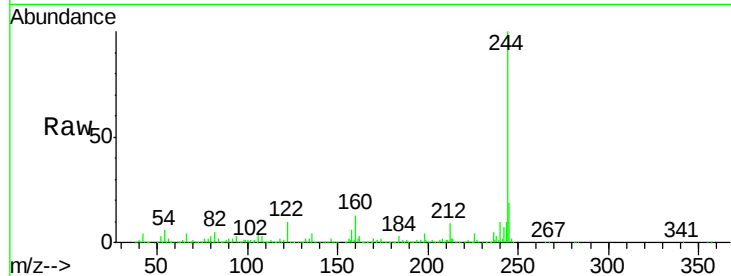
Tgt Ion:244 Resp: 1835311

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

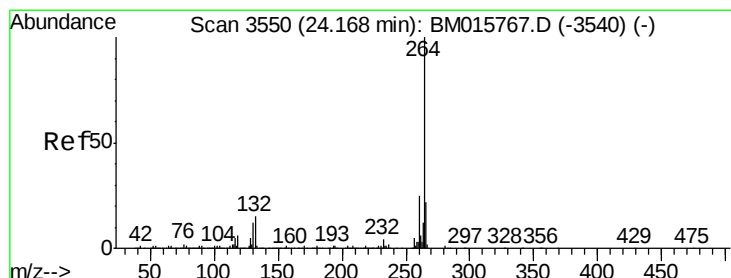
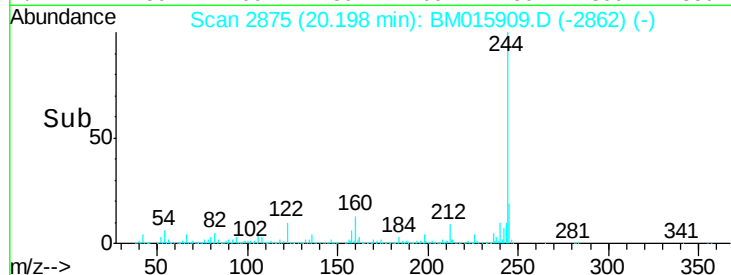
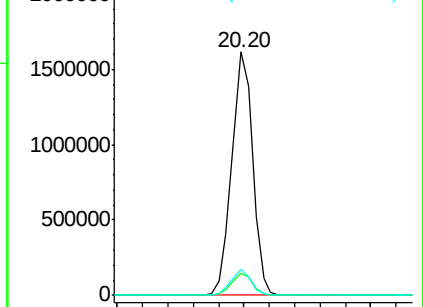
122 10.5 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.14 min Scan# 3545

Delta R.T. -0.03 min

Lab File: BM015909.D

Acq: 12 Jul 2018 11:31

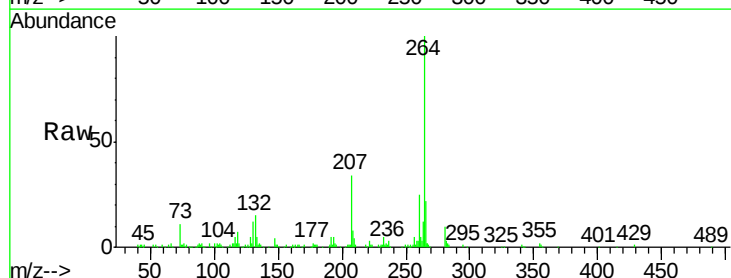
Tgt Ion:264 Resp: 266034

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

265 22.3 17.3 25.9



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

