

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015862.D
 Acq On : 10 Jul 2018 03:37
 Operator : SJ/JU
 Sample : J3891-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-12002-RBR-RBR-VNJ-230

Quant Time: Jul 10 07:03:04 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	8.30	152	56181	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	219695	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	130090	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	323798	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	373314	20.00	ng	-0.01
86) Perylene-d12	24.15	264	373783	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	462450	141.17	ng	-0.01
7) Phenol-d6	7.45	99	537454	119.84	ng	-0.01
23) Nitrobenzene-d5	9.49	82	469159	104.19	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	289939	170.57	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1007265	96.13	ng	-0.02
78) Terphenyl-d14	20.21	244	2166493	107.65	ng	-0.01

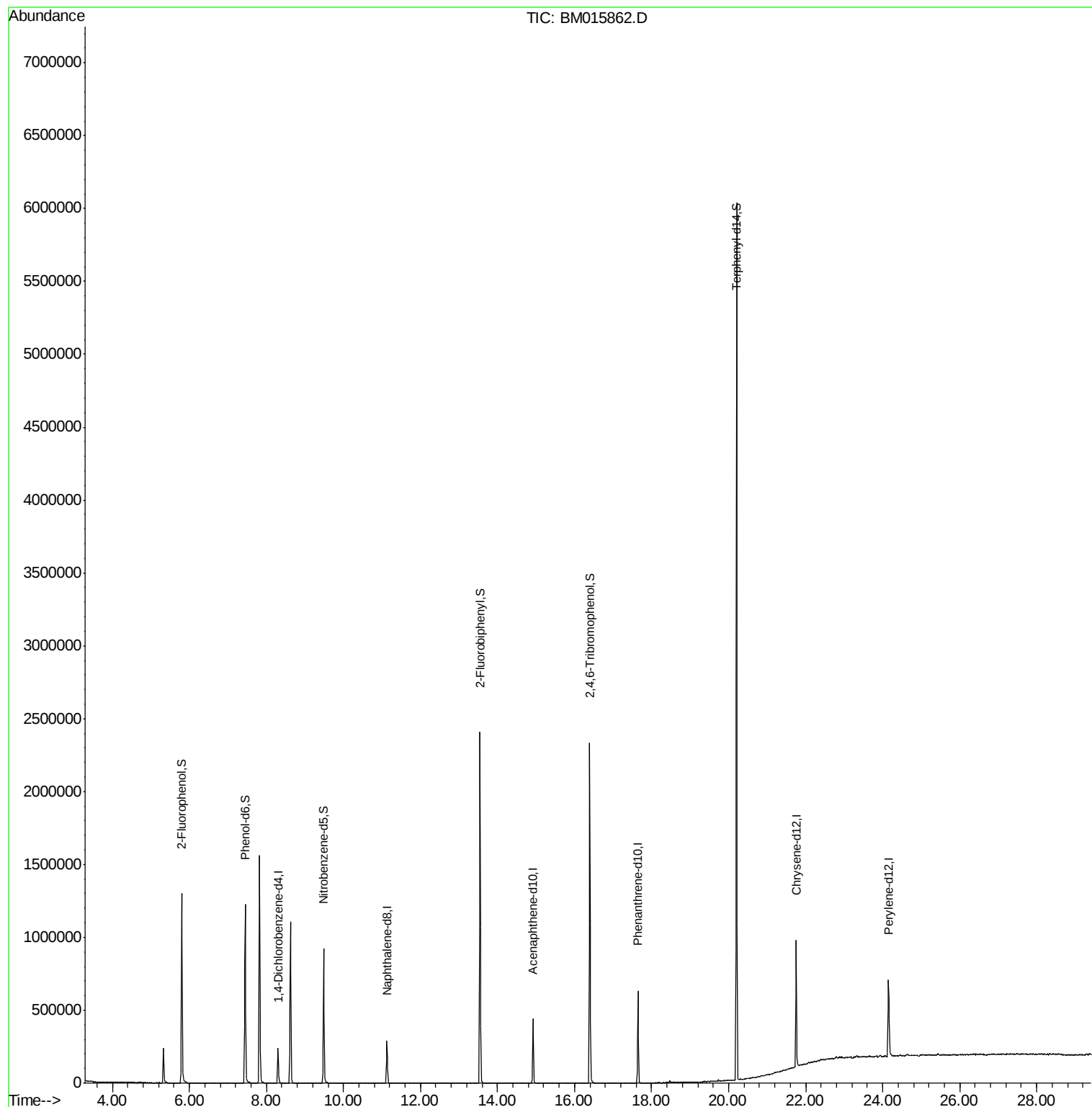
Target Compounds Qvalue

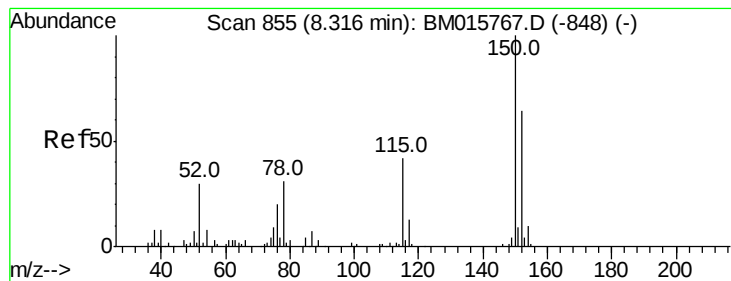
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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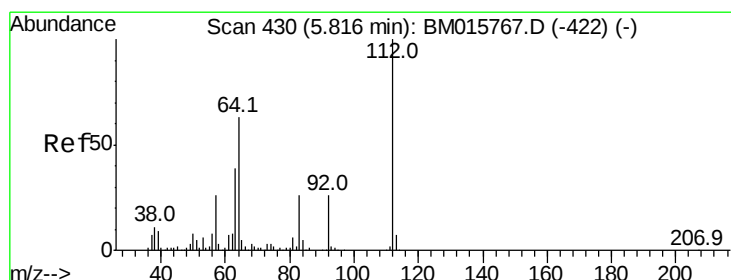
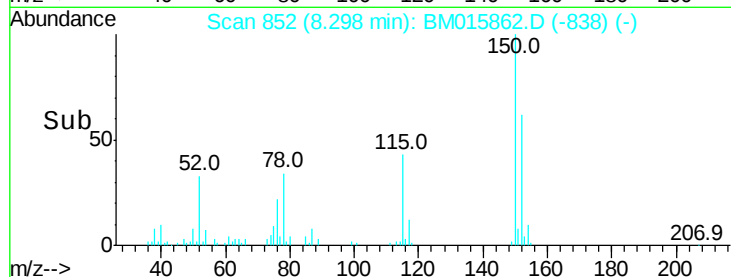
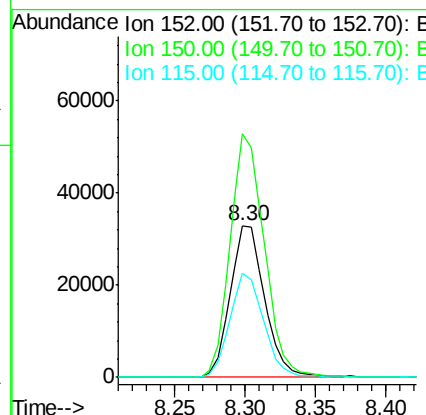
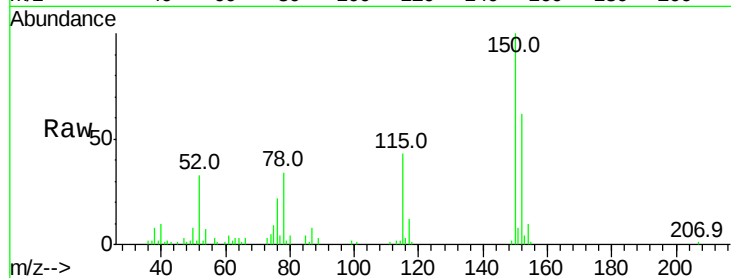


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015862.D
Acq: 10 Jul 2018 03:37

Instrument :
BNA_M
ClientSampleId :
72-12002-RBR-RBR-VNJ-230

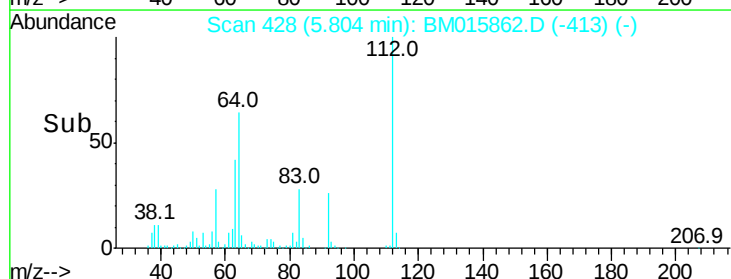
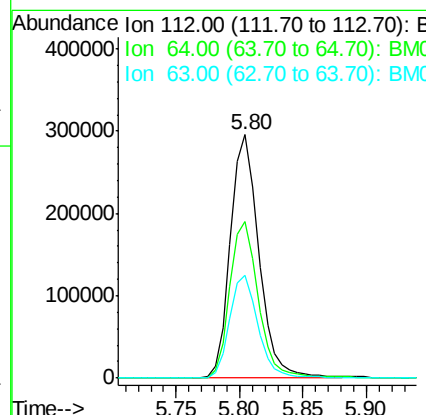
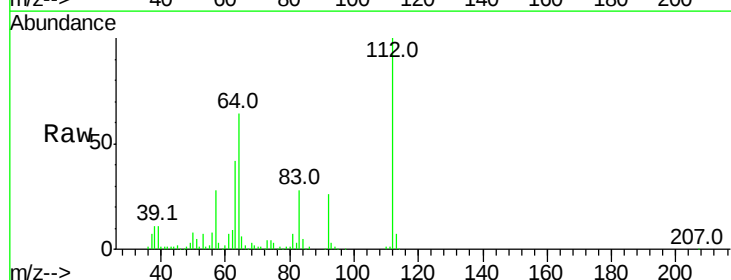
Tot Ion:152 Resp: 56181
Ion Ratio Lower Upper
152 100
150 160.3 119.5 179.3
115 68.8 43.0 64.4#

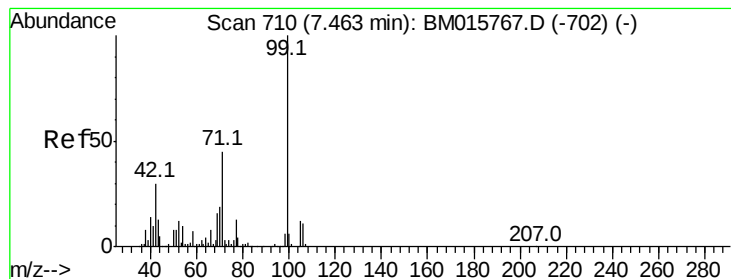


#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015862.D
Acq: 10 Jul 2018 03:37

Tgt Ion:112 Resp: 462450
Ion Ratio Lower Upper
112 100
64 64.3 38.6 57.8#
63 42.4 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015862.D

Acq: 10 Jul 2018 03:37

Instrument :

BNA_M

ClientSampleId :

72-12002-RBR-RBR-VNJ-230

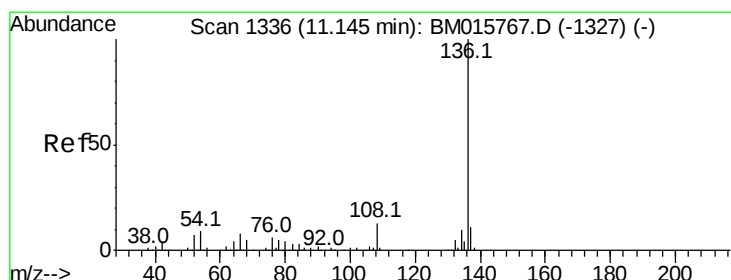
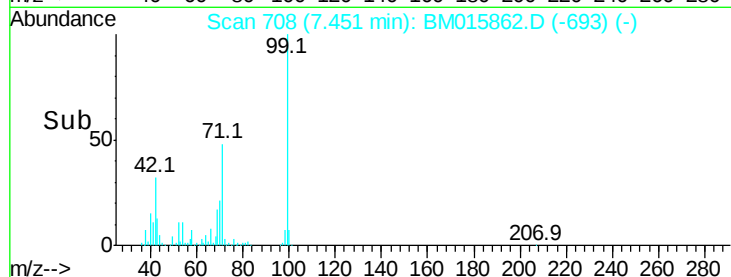
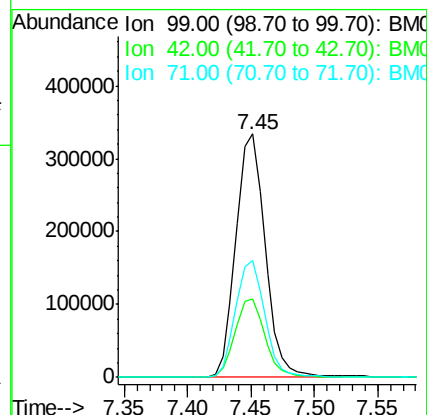
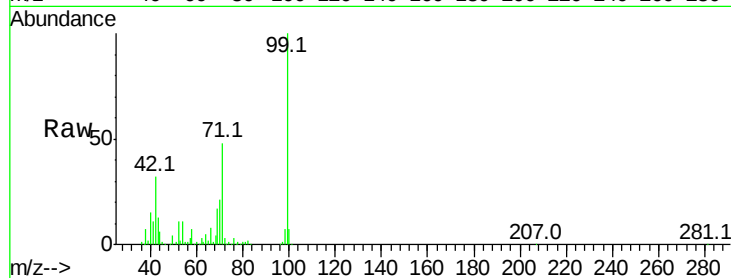
Tot Ion: 99 Resp: 537454

Ion Ratio Lower Upper

99 100

42 32.5 11.0 16.4#

71 48.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015862.D

Acq: 10 Jul 2018 03:37

Tgt Ion: 136 Resp: 219695

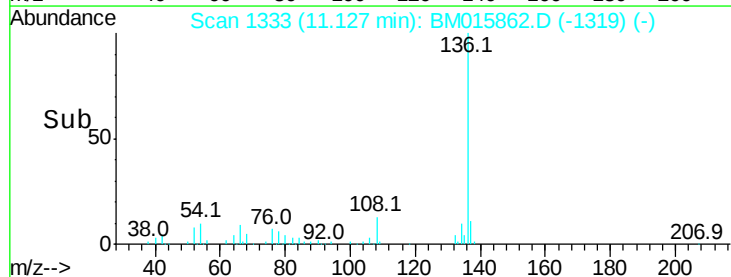
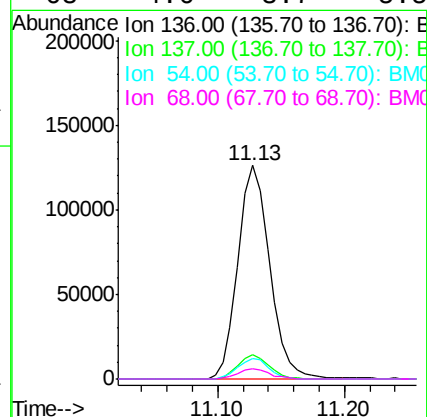
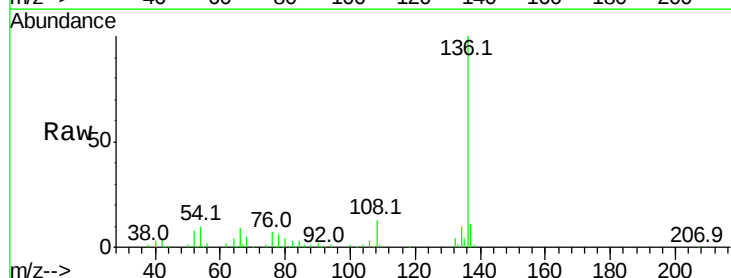
Ion Ratio Lower Upper

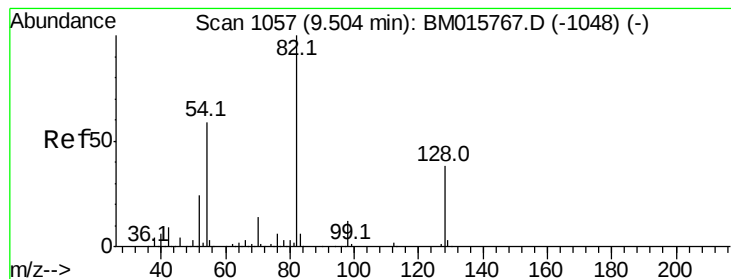
136 100

137 11.4 8.7 13.1

54 9.5 4.6 6.8#

68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.49 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BM015862.D

Acq: 10 Jul 2018 03:37

Instrument :

BNA_M

ClientSampleId :

72-12002-RBR-RBR-VNJ-230

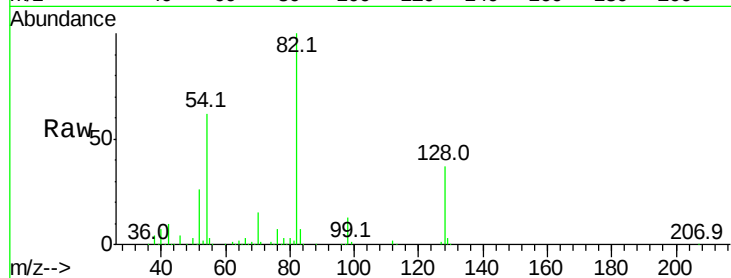
Tot Ion: 82 Resp: 469159

Ion Ratio Lower Upper

82 100

128 37.3 32.8 49.2

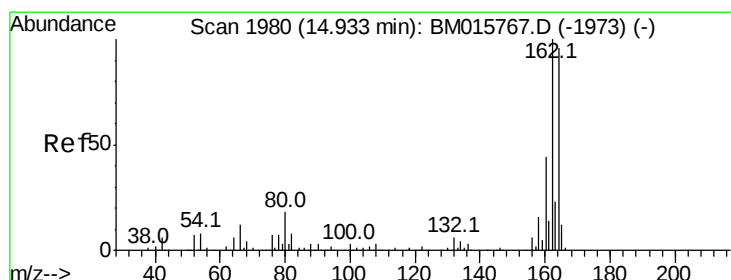
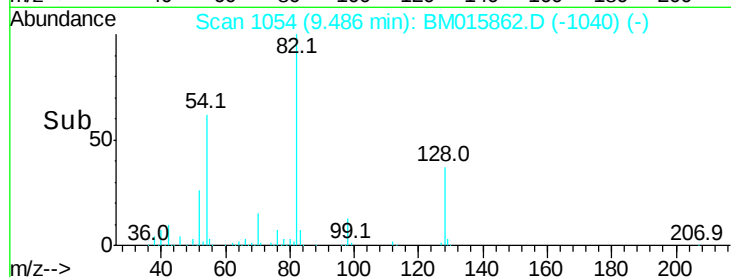
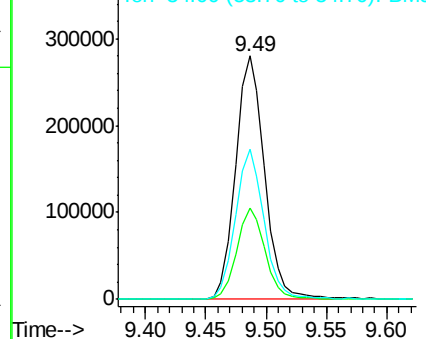
54 61.7 40.6 60.8#



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: 14.92 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BM015862.D

Acq: 10 Jul 2018 03:37

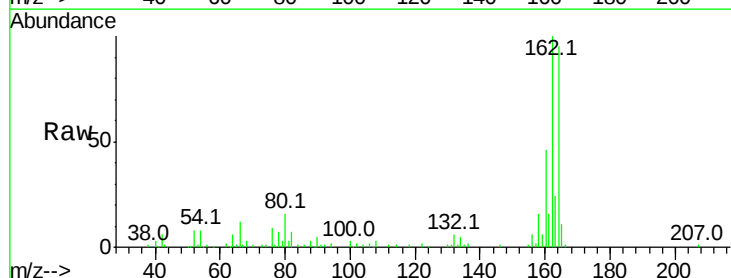
Tgt Ion:164 Resp: 130090

Ion Ratio Lower Upper

164 100

162 105.3 82.4 123.6

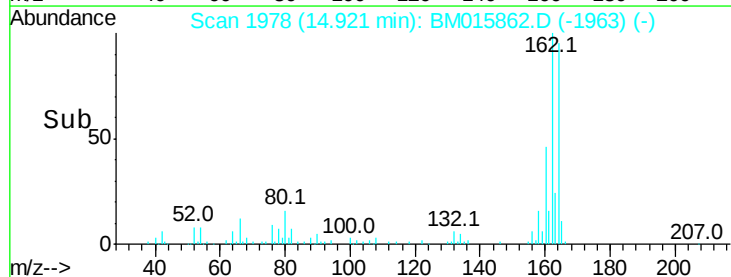
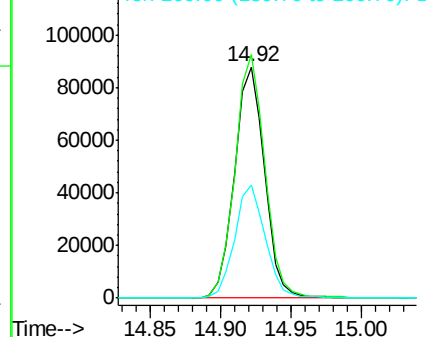
160 48.8 35.8 53.6

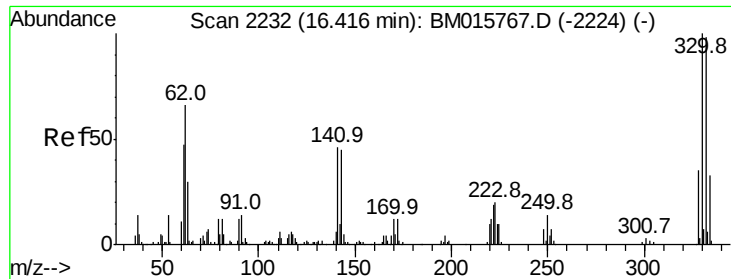


Abundance Ion 164.00 (163.70 to 164.70): BM015767.D (-1973) (-)

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

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

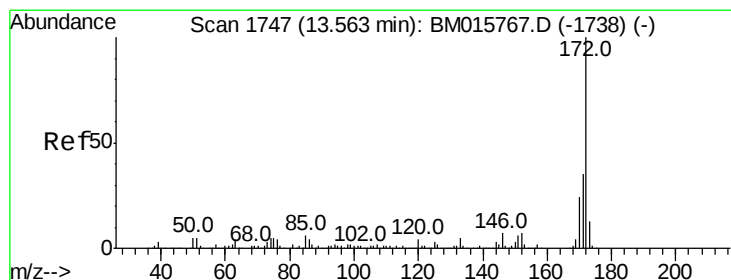
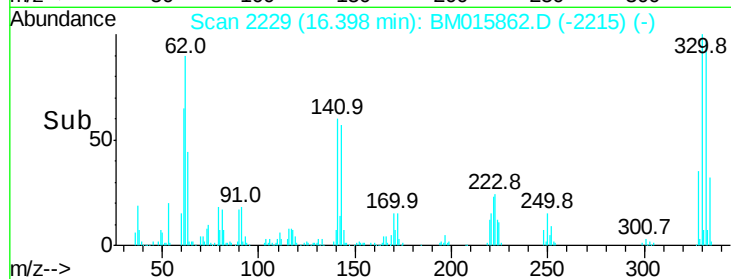
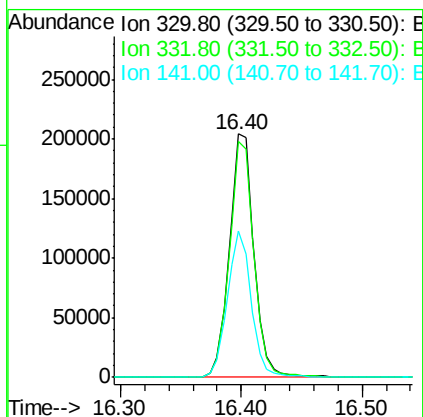
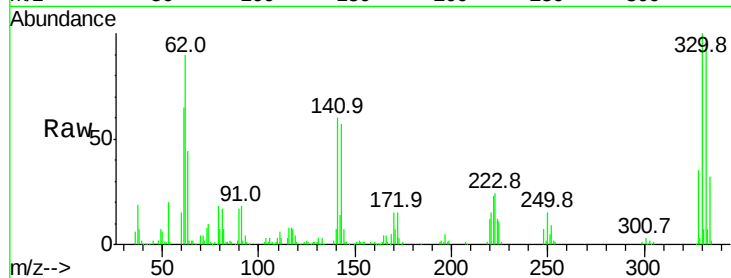




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015862.D
 Acq: 10 Jul 2018 03:37

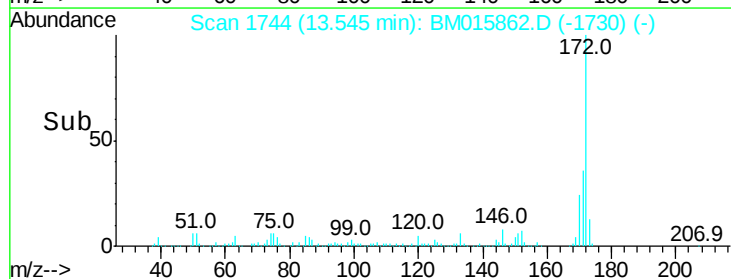
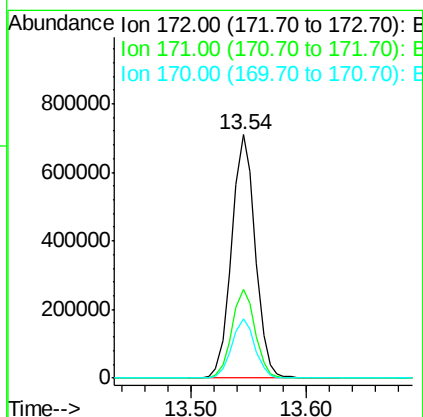
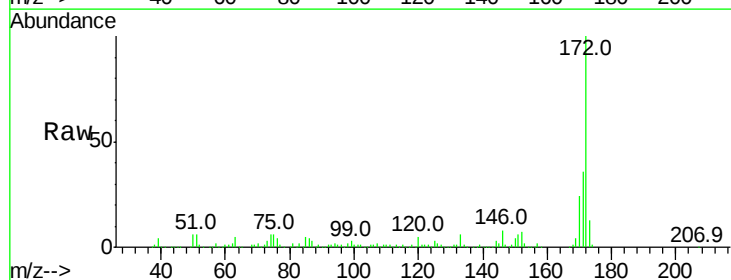
Instrument :
 BNA_M
 ClientSampleId :
 72-12002-RBR-RBR-VNJ-230

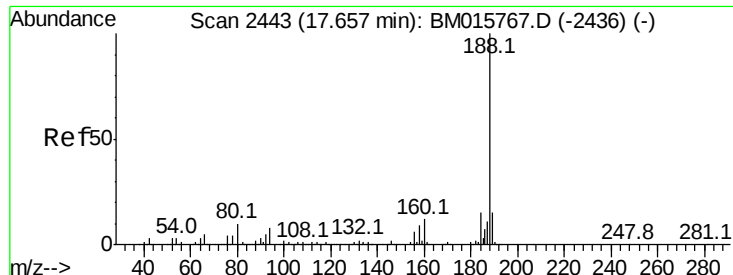
Tot Ion:330 Resp: 289939
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 58.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015862.D
 Acq: 10 Jul 2018 03:37

Tgt Ion:172 Resp: 1007265
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 24.4 18.8 28.2

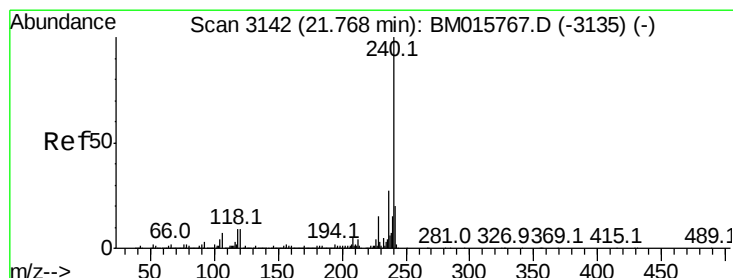
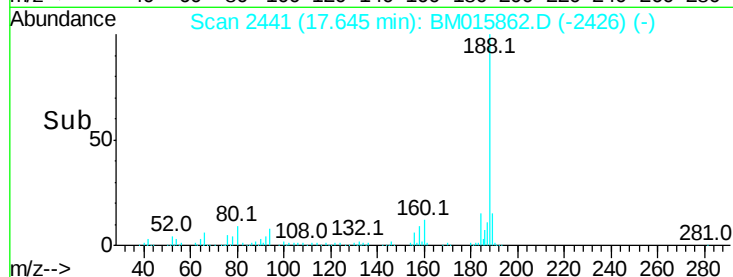
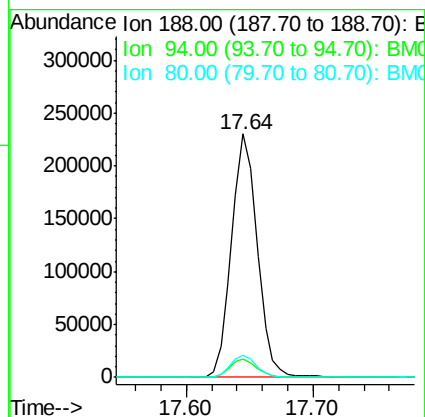
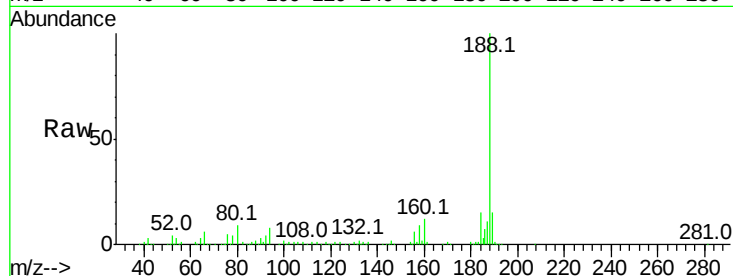




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015862.D
Acq: 10 Jul 2018 03:37

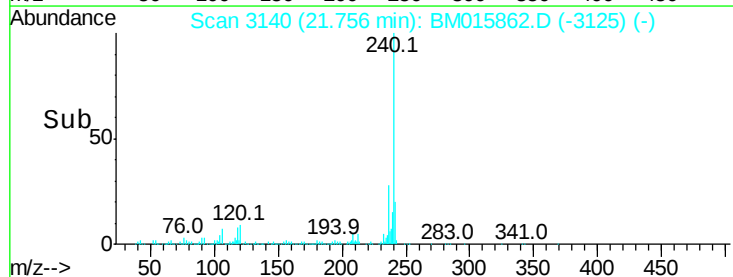
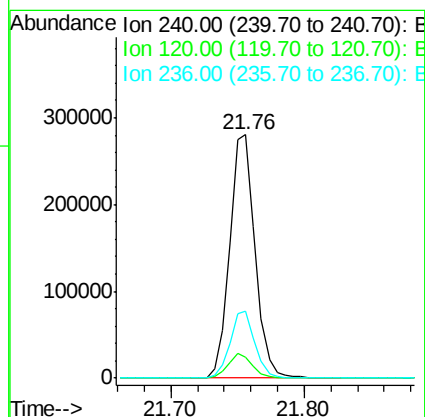
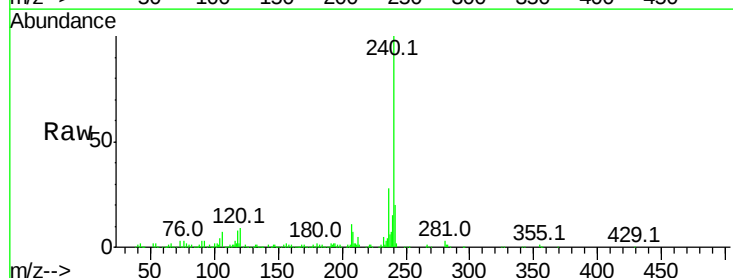
Instrument :
BNA_M
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72-12002-RBR-RBR-VNJ-230

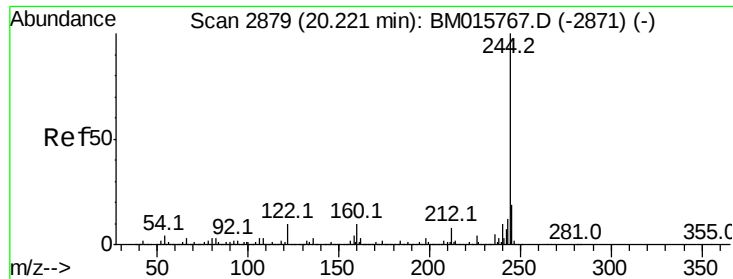
Tot Ion:188 Resp: 323798
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 9.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015862.D
Acq: 10 Jul 2018 03:37

Tgt Ion:240 Resp: 373314
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.2
236 27.7 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015862.D

Acq: 10 Jul 2018 03:37

Instrument :

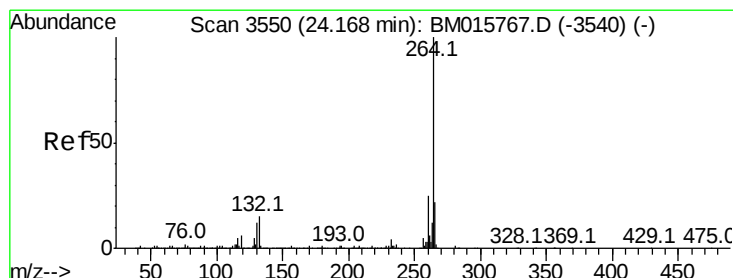
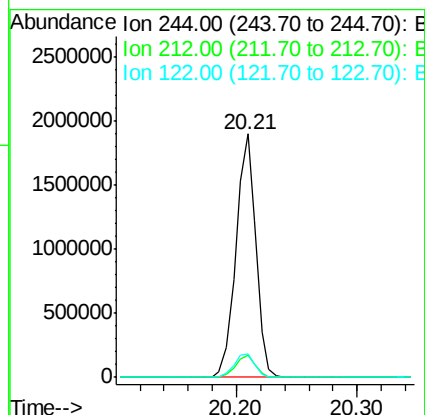
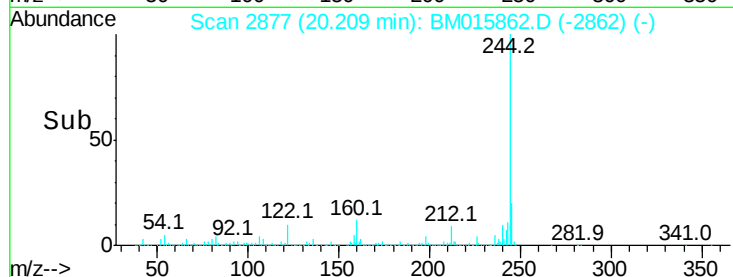
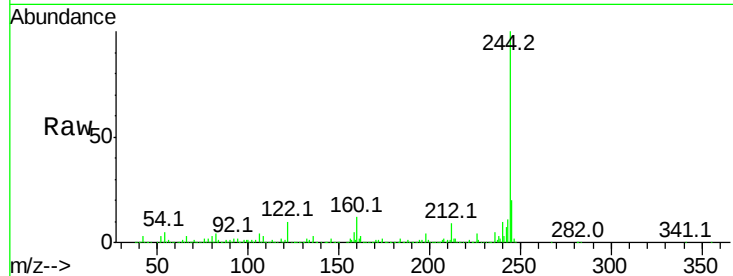
BNA_M

ClientSampleId :

72-12002-RBR-RBR-VNJ-230

Tot Ion:244 Resp: 2166493

Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	9.8	6.2	9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.15 min Scan# 3547

Delta R.T. -0.02 min

Lab File: BM015862.D

Acq: 10 Jul 2018 03:37

Tgt Ion:264 Resp: 373783

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.3	17.3	25.9

