

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015900.D
 Acq On : 12 Jul 2018 06:02
 Operator : SJ/JU
 Sample : PB111002TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111002TB

Quant Time: Jul 12 08:22:14 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	74157	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	277844	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	141159	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	289258	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	237697	20.00	ng	-0.02
86) Perylene-d12	24.14	264	247257	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	560259	129.57	ng	-0.02
7) Phenol-d6	7.44	99	707816	119.57	ng	-0.02
23) Nitrobenzene-d5	9.47	82	484523	85.09	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	212166	115.03	ng	-0.02
44) 2-Fluorobiphenyl	13.53	172	960481	84.47	ng	-0.03
78) Terphenyl-d14	20.20	244	1164625	90.88	ng	-0.02

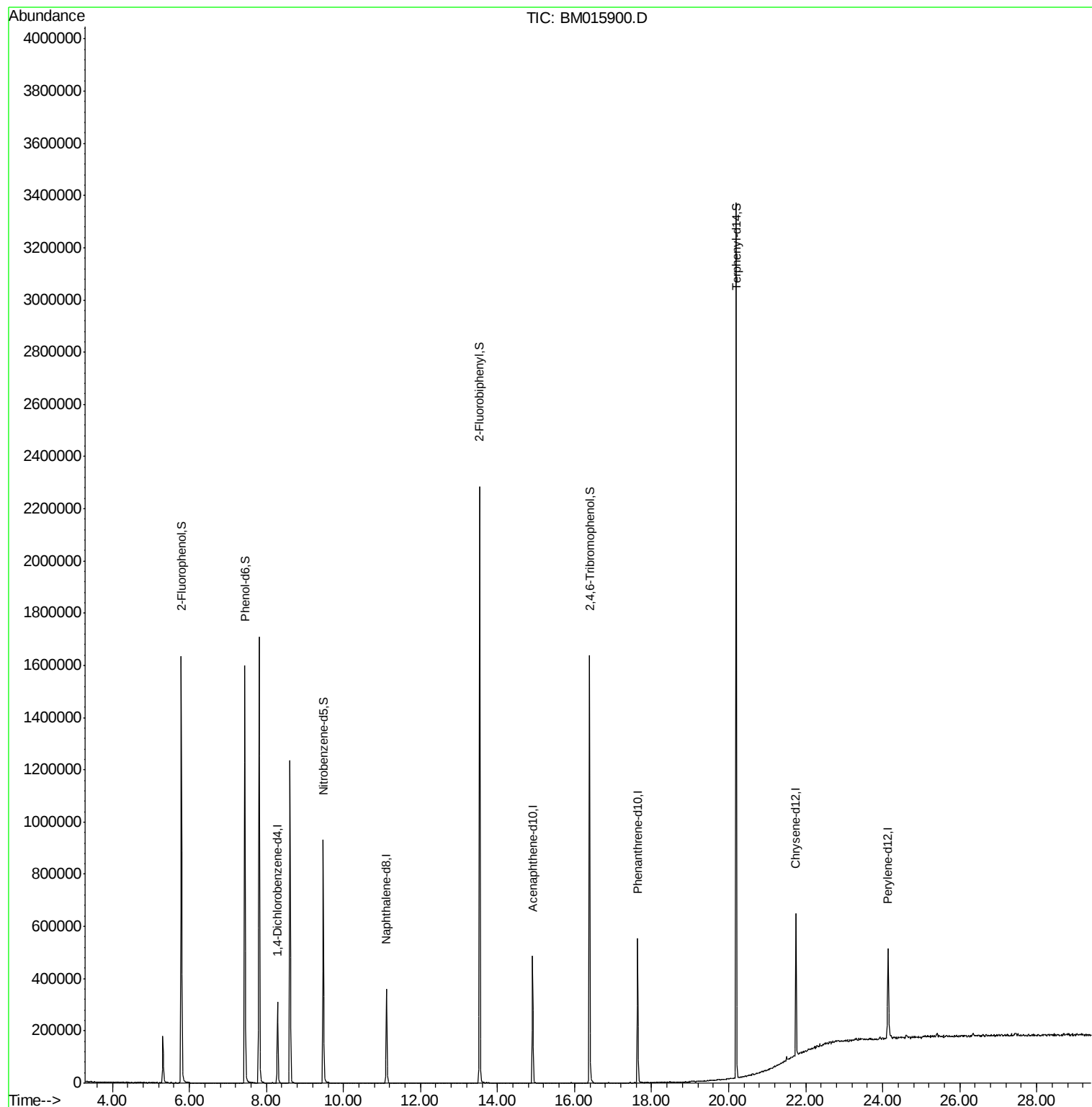
Target Compounds Qvalue

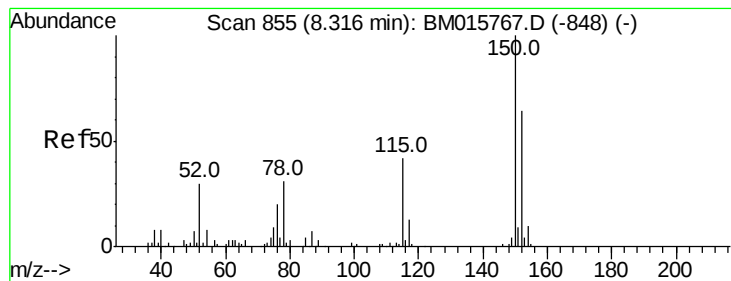
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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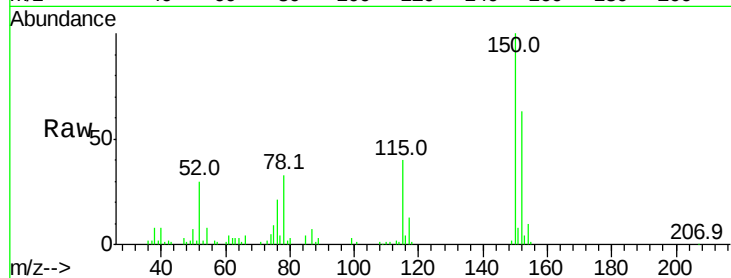


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015900.D
Acq: 12 Jul 2018 06:02

Instrument :
BNA_M
ClientSampleId :
PB111002TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	119.5	179.3
115	62.9	43.0	64.4

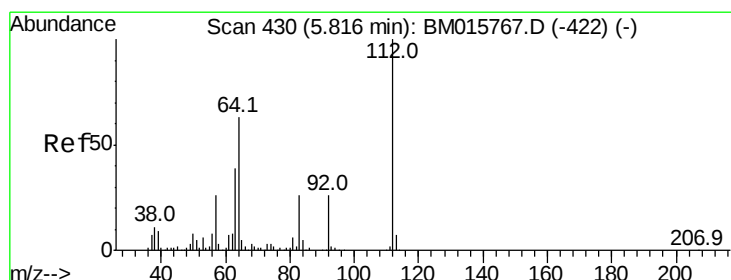
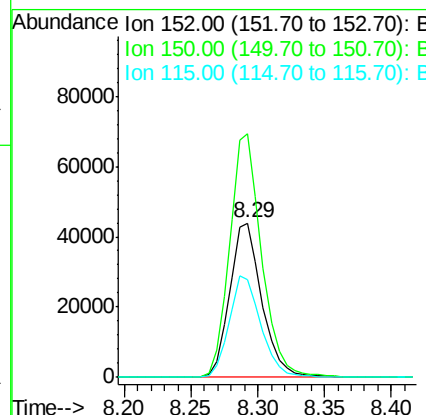
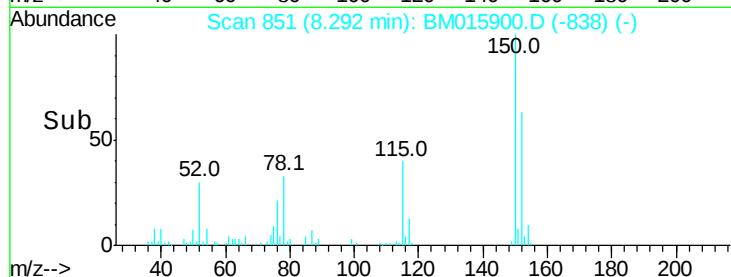


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

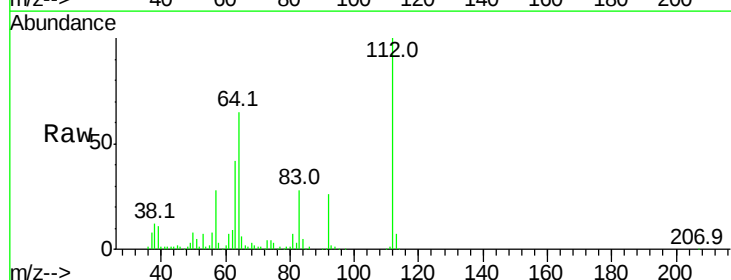
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.79 min Scan# 426
Delta R.T. -0.02 min
Lab File: BM015900.D
Acq: 12 Jul 2018 06:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	38.6	57.8#
63	42.2	19.3	28.9#

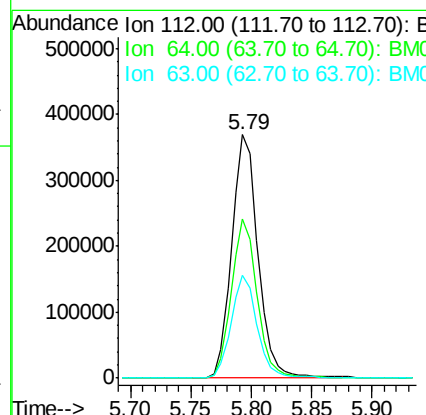
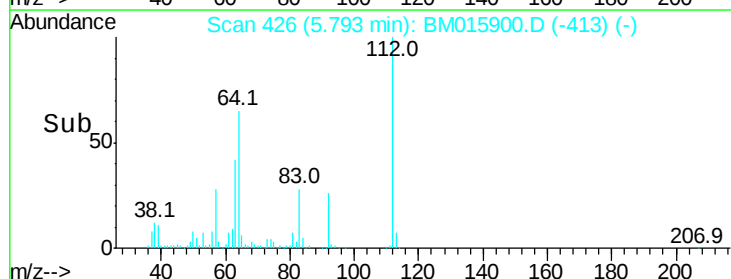


Abundance

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: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015900.D

Acq: 12 Jul 2018 06:02

Instrument :

BNA_M

ClientSampleId :

PB111002TB

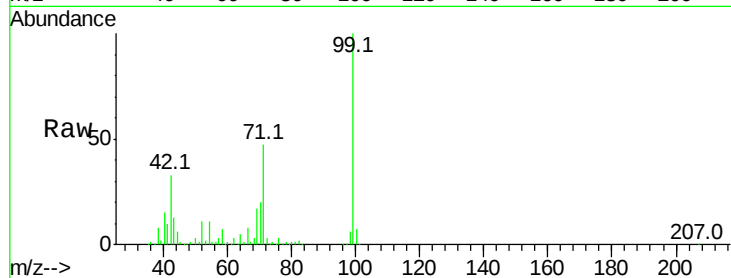
Tot Ion: 99 Resp: 707816

Ion Ratio Lower Upper

99 100

42 32.9 11.0 16.4#

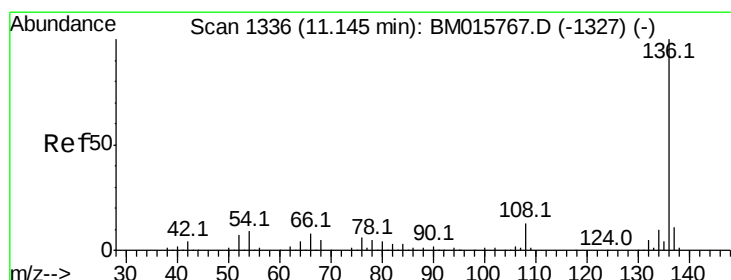
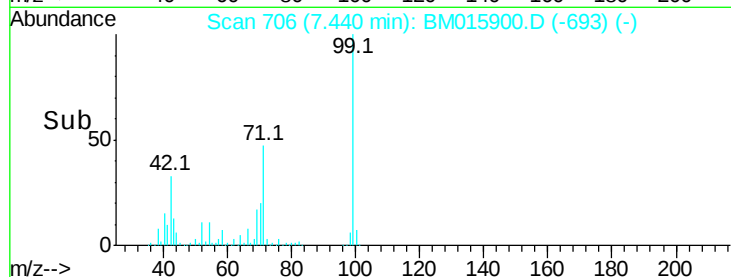
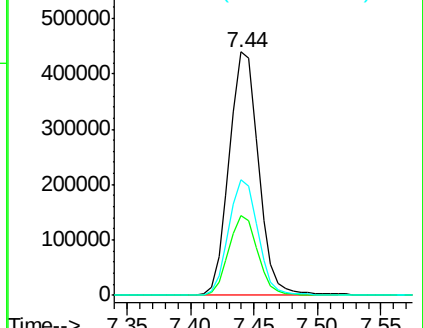
71 47.4 23.4 35.2#



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: BM015900.D

Acq: 12 Jul 2018 06:02

Tgt Ion: 136 Resp: 277844

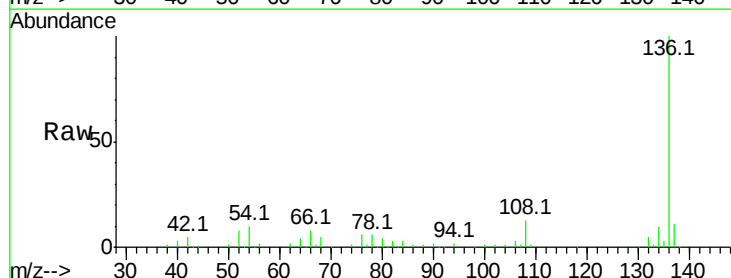
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.9 4.6 6.8#

68 5.0 3.7 5.5

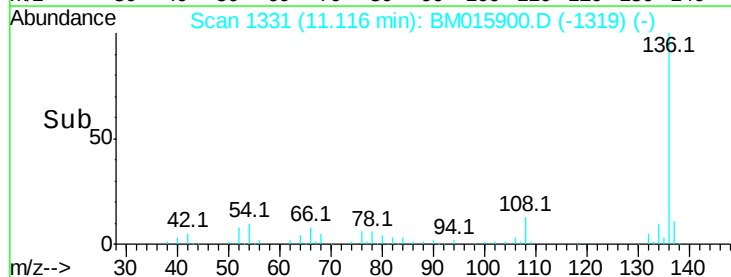
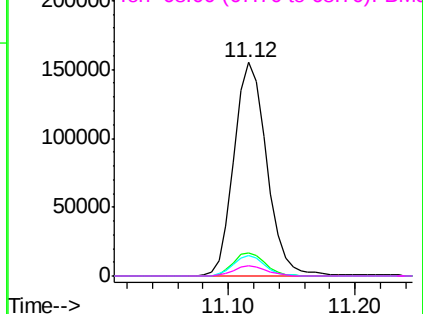


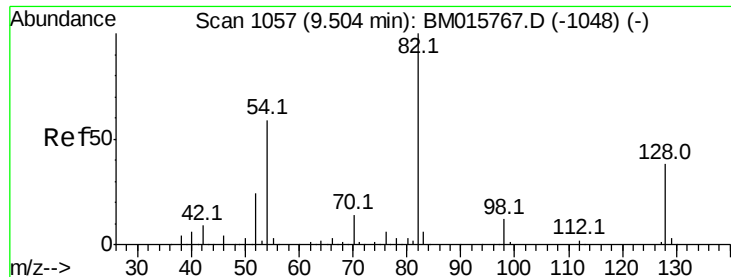
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

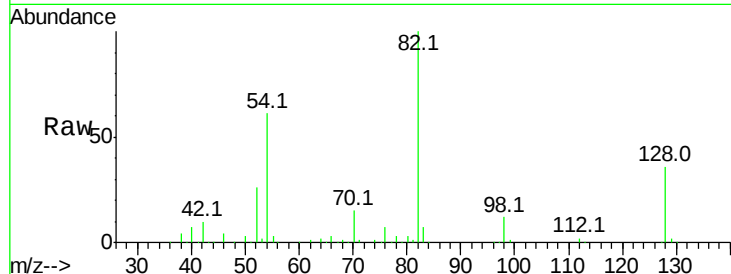




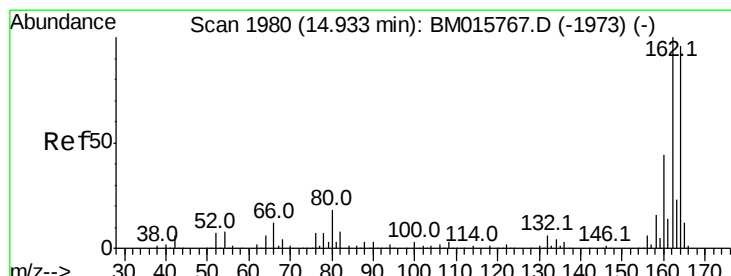
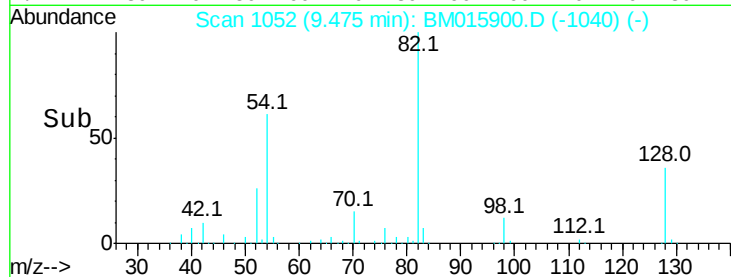
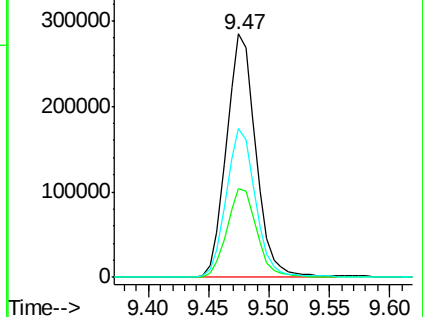
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.47 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BM015900.D
Acq: 12 Jul 2018 06:02

Instrument :
BNA_M
ClientSampleId :
PB111002TB

Tot Ion: 82 Resp: 484523
Ion Ratio Lower Upper
82 100
128 36.5 32.8 49.2
54 61.3 40.6 60.8#

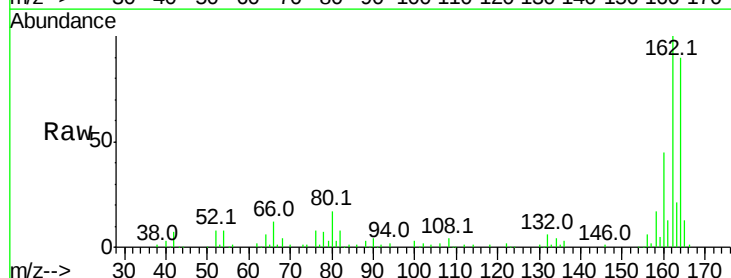


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

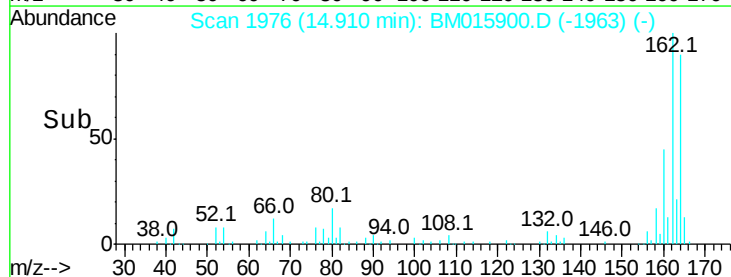
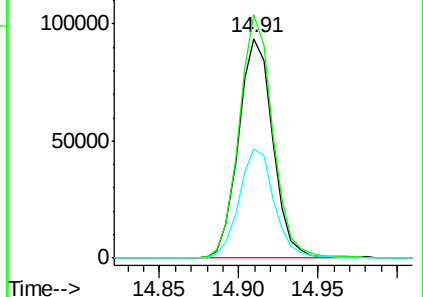


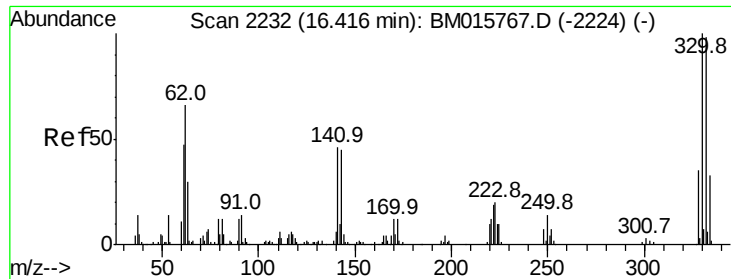
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BM015900.D
Acq: 12 Jul 2018 06:02

Tgt Ion:164 Resp: 141159
Ion Ratio Lower Upper
164 100
162 110.9 82.4 123.6
160 50.0 35.8 53.6



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

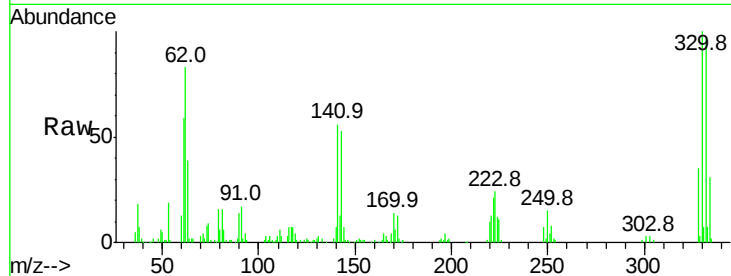




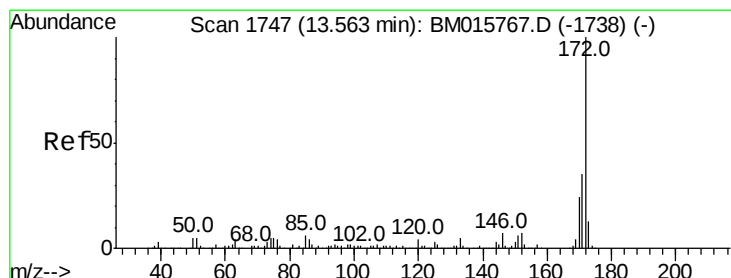
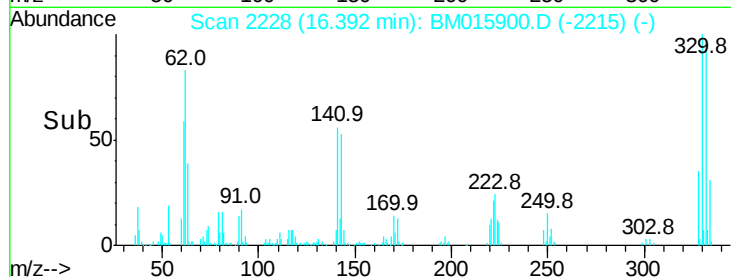
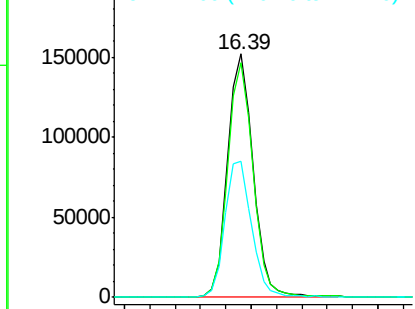
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015900.D
 Acq: 12 Jul 2018 06:02

Instrument :
 BNA_M
 ClientSampleId :
 PB111002TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	58.6	0.0	0.0#

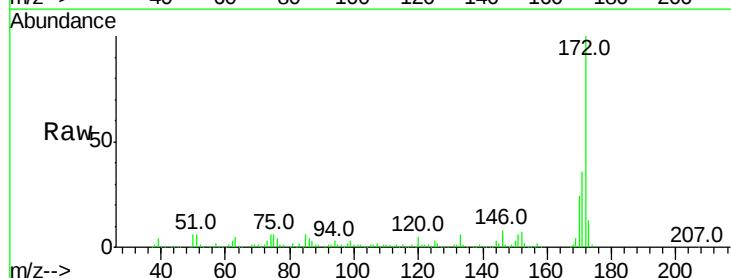


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

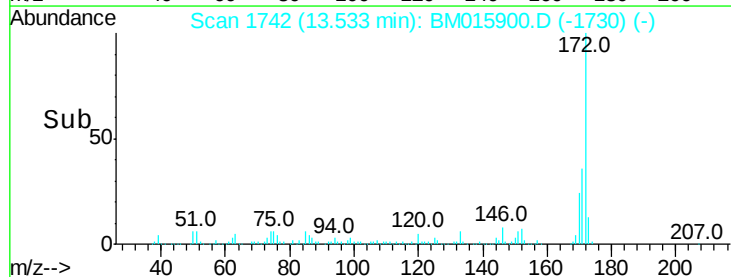
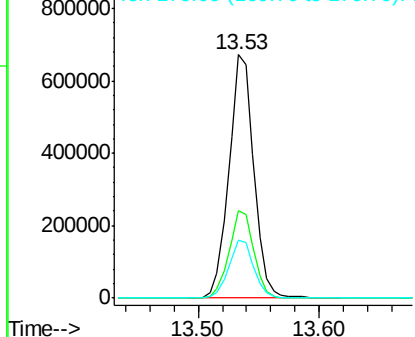


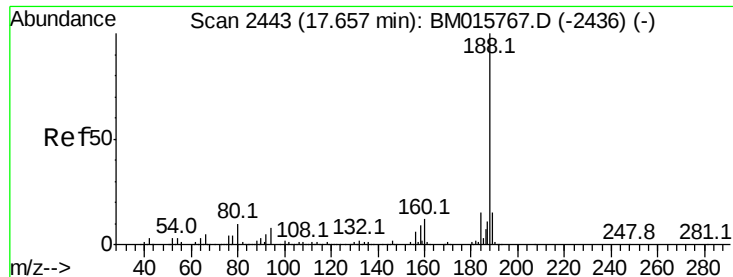
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015900.D
 Acq: 12 Jul 2018 06:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.7	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

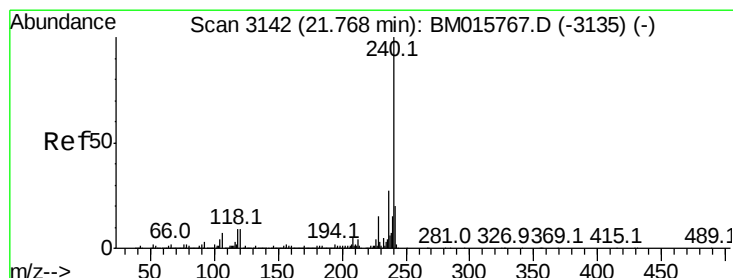
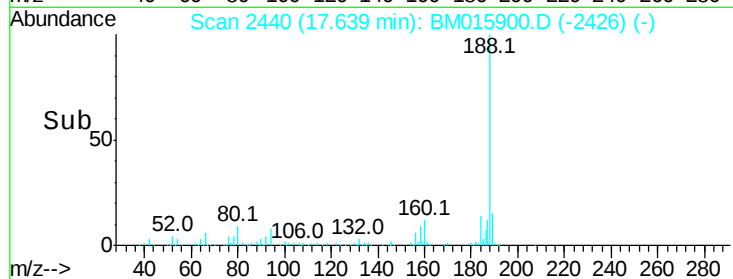
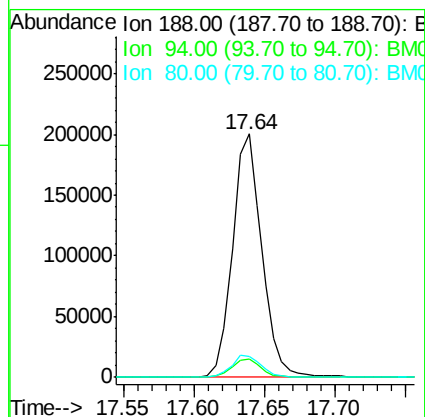
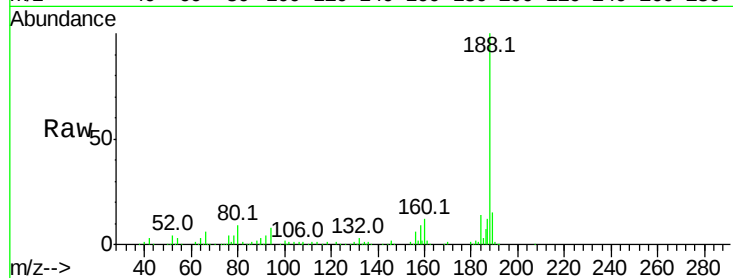




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015900.D
Acq: 12 Jul 2018 06:02

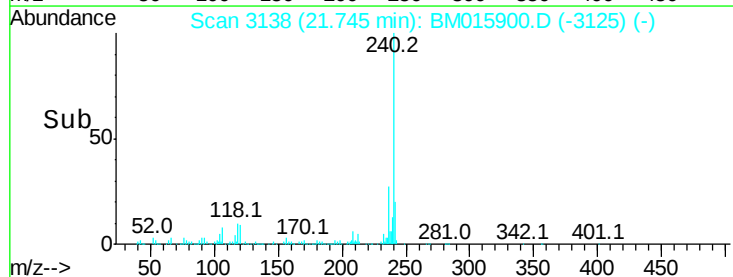
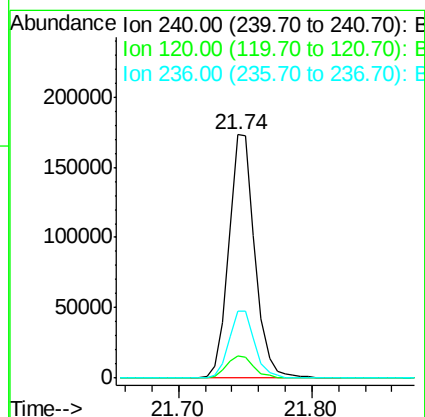
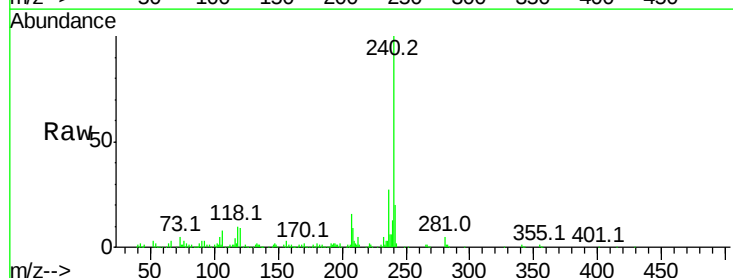
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PB111002TB

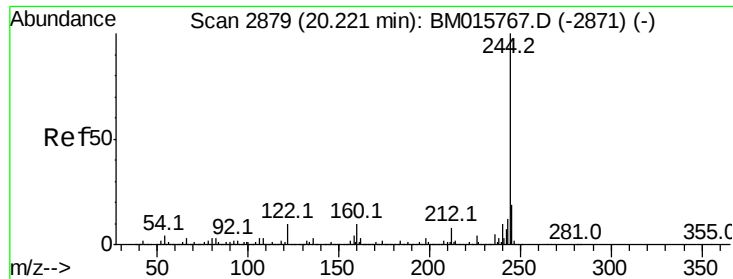
Tot Ion:188 Resp: 289258
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BM015900.D
Acq: 12 Jul 2018 06:02

Tgt Ion:240 Resp: 237697
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 27.3 20.0 30.0

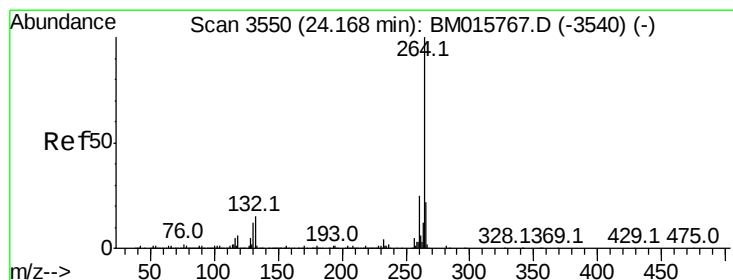
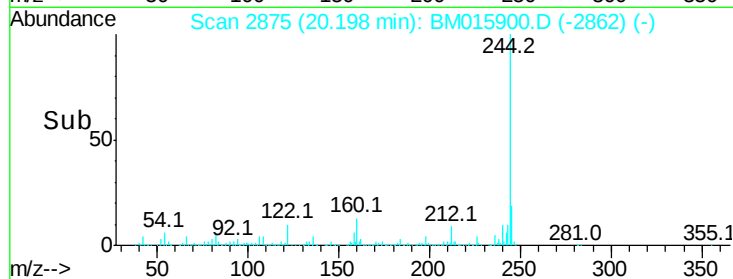
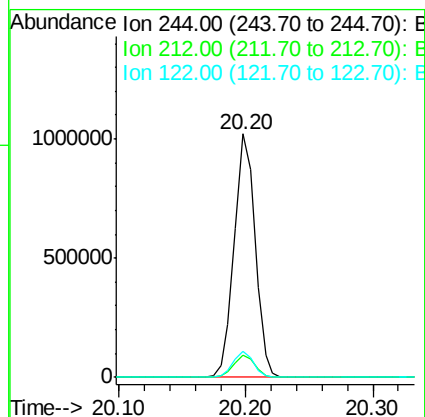
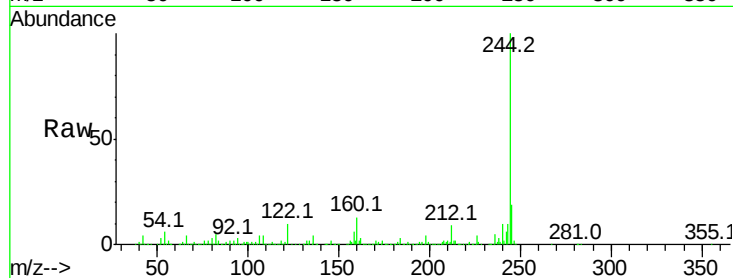




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.20 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BM015900.D
 Acq: 12 Jul 2018 06:02

Instrument :
 BNA_M
 ClientSampleId :
 PB111002TB

Tot Ion:244 Resp: 1164625
 Ion Ratio Lower Upper
 244 100
 212 9.0 4.9 7.3#
 122 10.5 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: BM015900.D
 Acq: 12 Jul 2018 06:02

Tgt Ion:264 Resp: 247257
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.6 27.8
 265 24.1 17.3 25.9

