

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015867.D
 Acq On : 10 Jul 2018 08:53
 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 10:53:06 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	56504	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	229599	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	134628	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	341457	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	368656	20.00	ng	-0.01
86) Perylene-d12	24.15	264	365608	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	454117	137.83	ng	-0.02
7) Phenol-d6	7.45	99	531378	117.81	ng	-0.02
23) Nitrobenzene-d5	9.48	82	483545	102.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	310139	176.31	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1064226	98.14	ng	-0.02
78) Terphenyl-d14	20.21	244	2273224	114.38	ng	-0.01

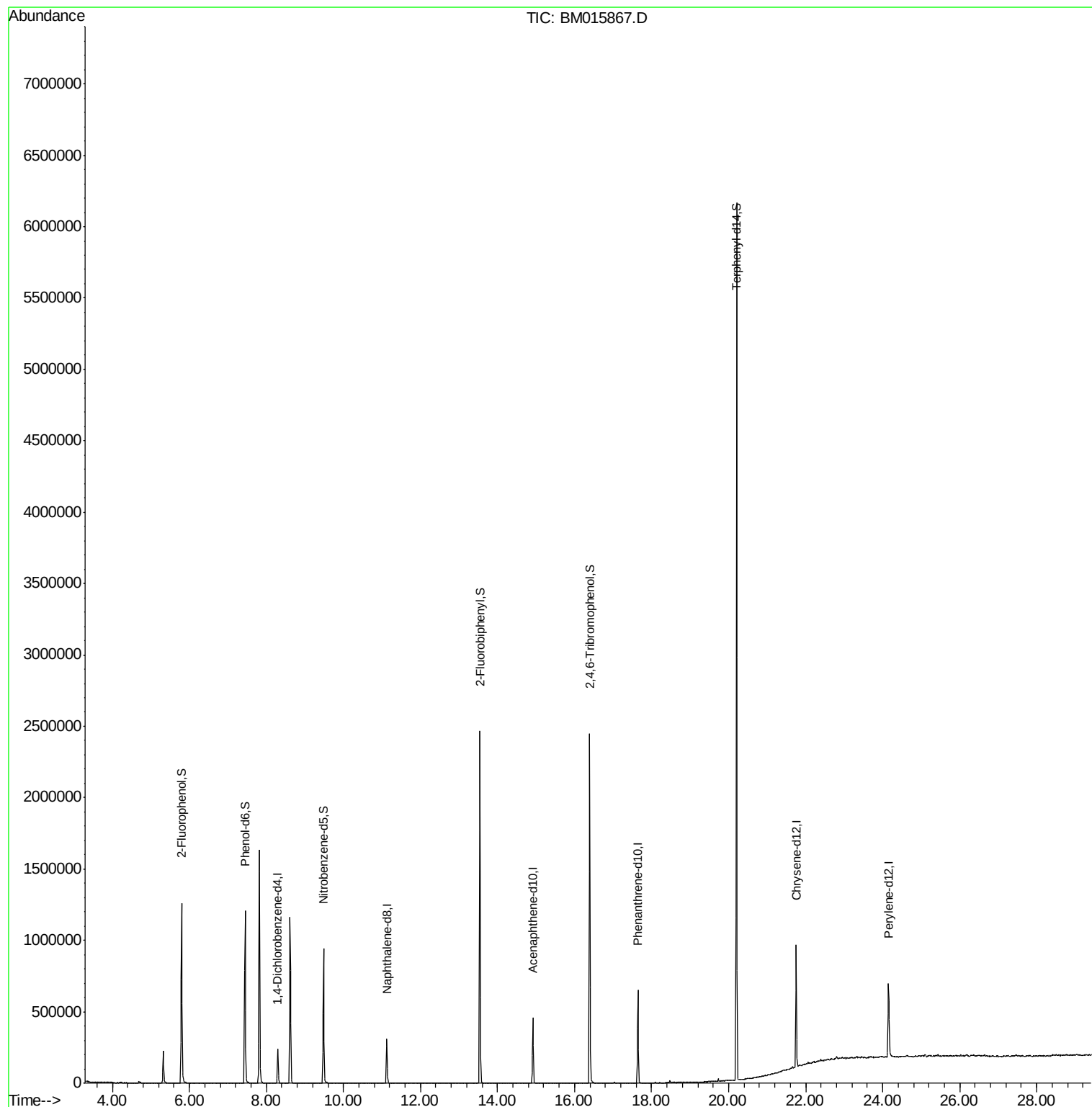
Target Compounds Qvalue

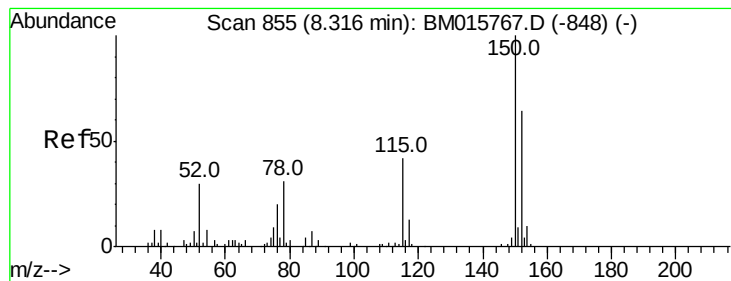
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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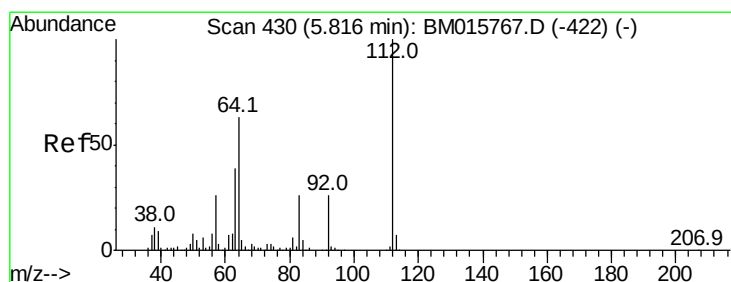
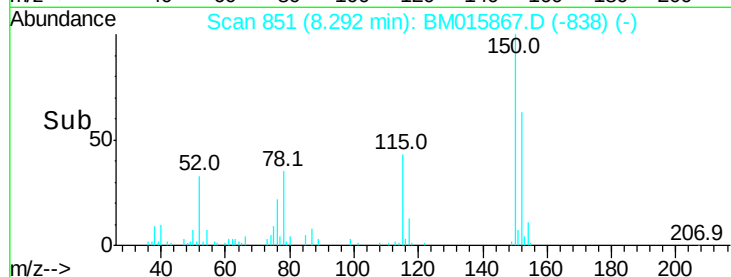
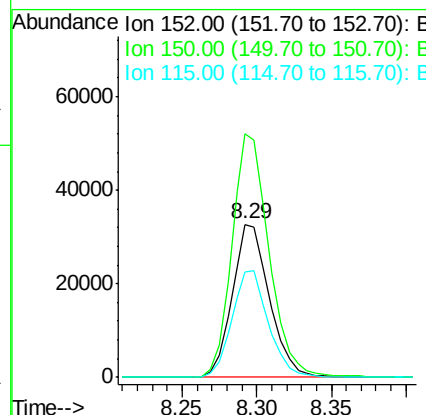
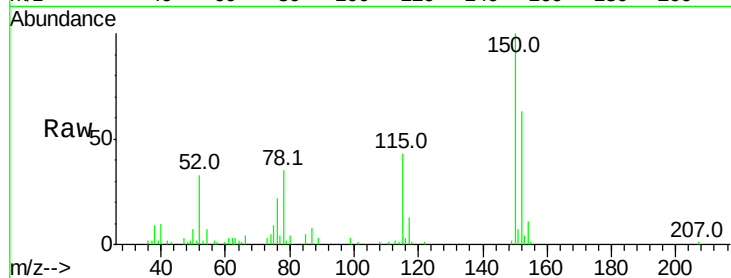


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015867.D
Acq: 10 Jul 2018 08:53

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

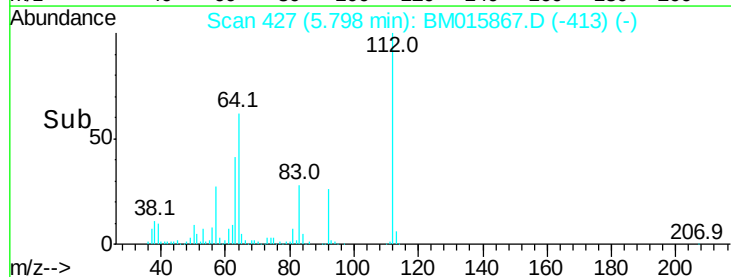
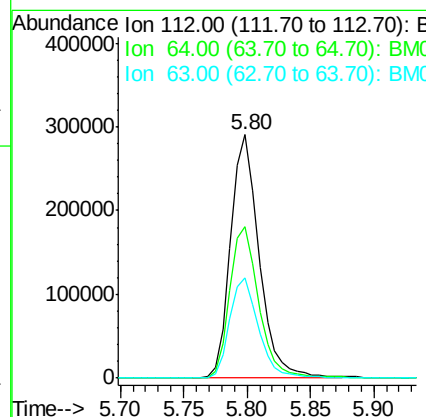
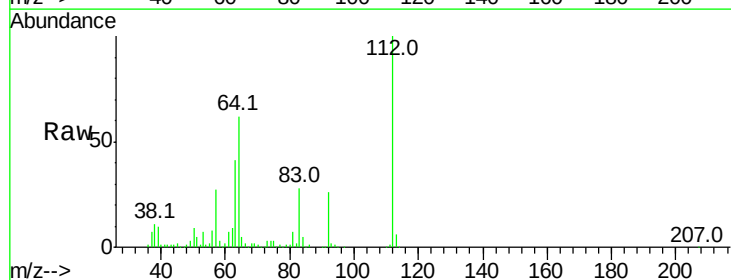
Tot Ion:152 Resp: 56504
Ion Ratio Lower Upper
152 100
150 159.4 119.5 179.3
115 68.7 43.0 64.4#

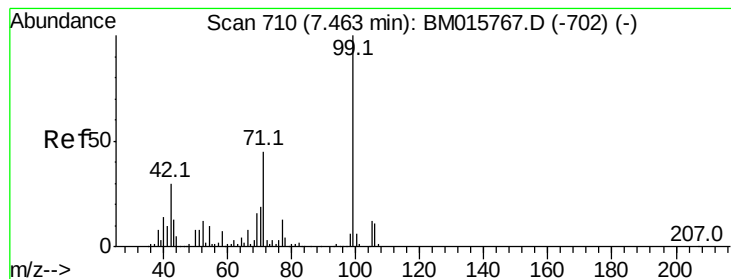


#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015867.D
Acq: 10 Jul 2018 08:53

Tgt Ion:112 Resp: 454117
Ion Ratio Lower Upper
112 100
64 62.1 38.6 57.8#
63 41.3 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015867.D

Acq: 10 Jul 2018 08:53

Instrument :

BNA_M

ClientSampleId :

72-12002-RBR-RBR-VNJ-230

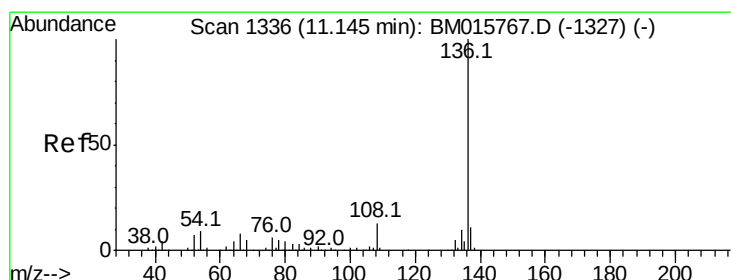
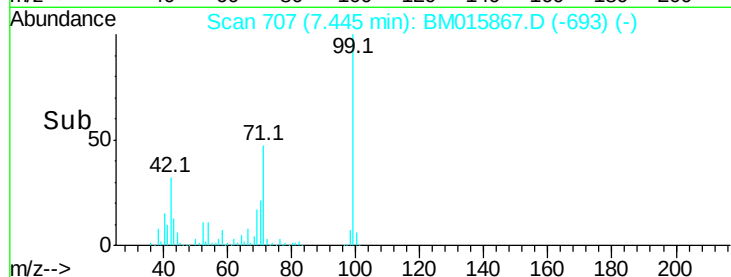
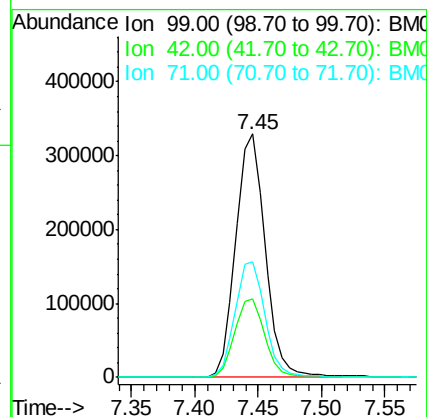
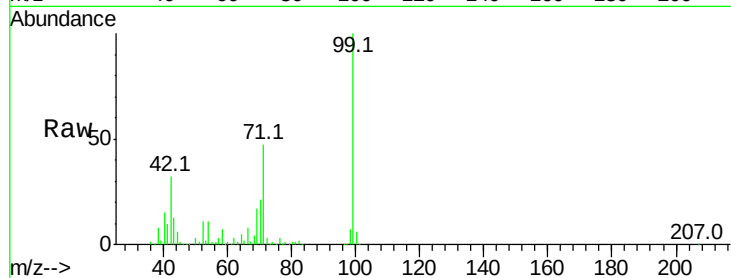
Tot Ion: 99 Resp: 531378

Ion Ratio Lower Upper

99 100

42 32.4 11.0 16.4#

71 47.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM015867.D

Acq: 10 Jul 2018 08:53

Tgt Ion: 136 Resp: 229599

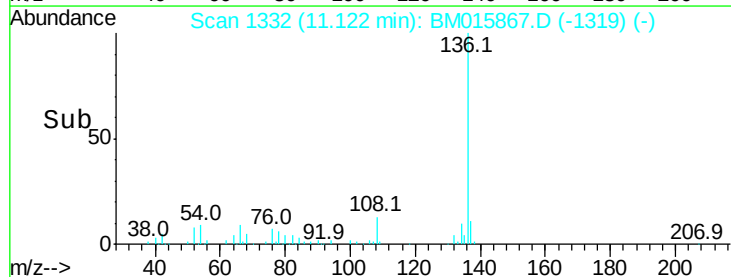
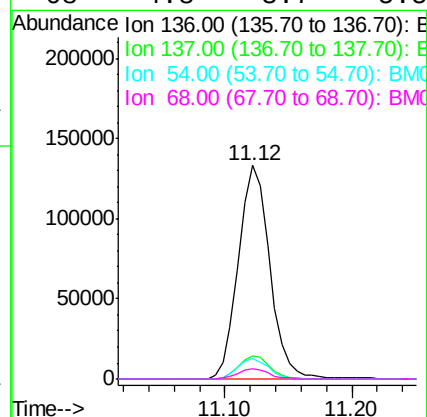
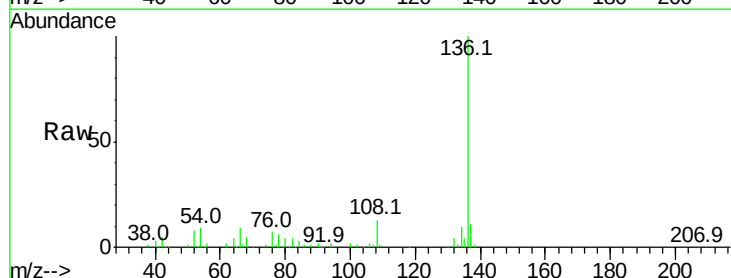
Ion Ratio Lower Upper

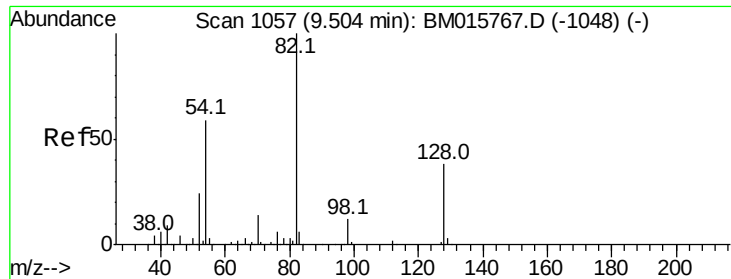
136 100

137 11.0 8.7 13.1

54 9.4 4.6 6.8#

68 4.8 3.7 5.5

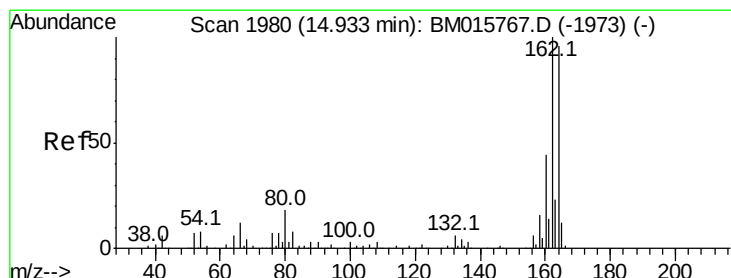
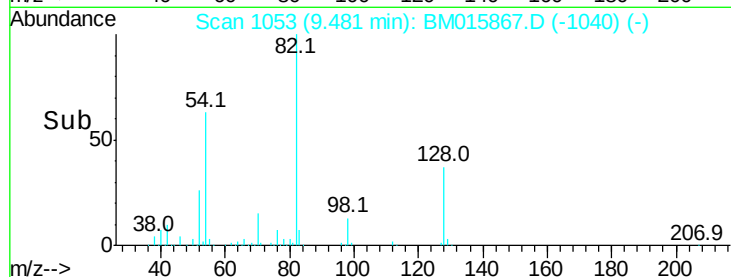
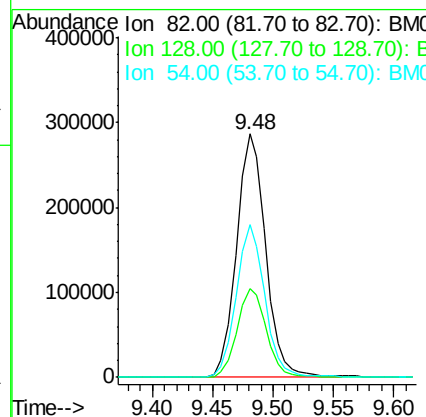
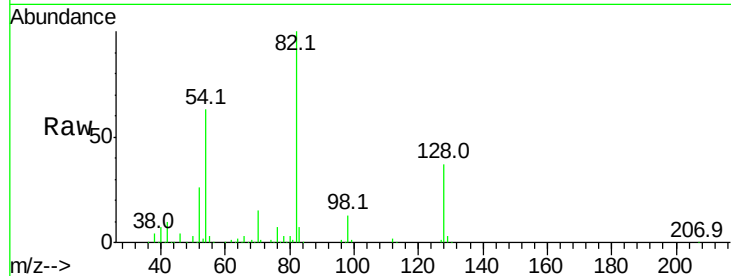




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015867.D
Acq: 10 Jul 2018 08:53

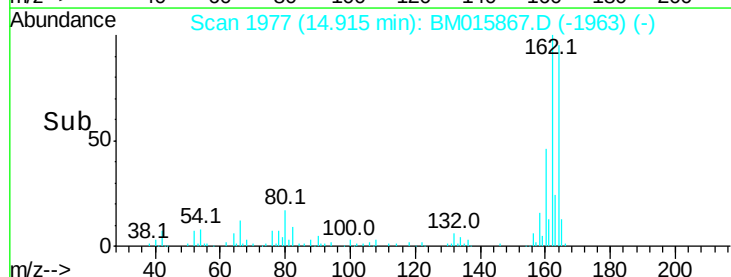
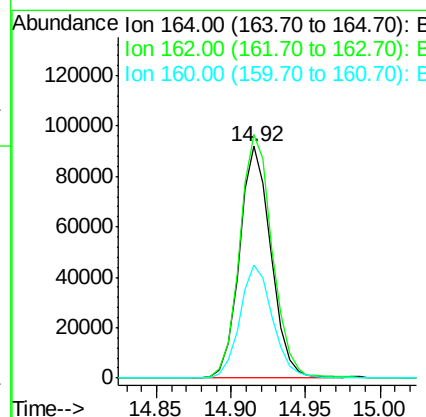
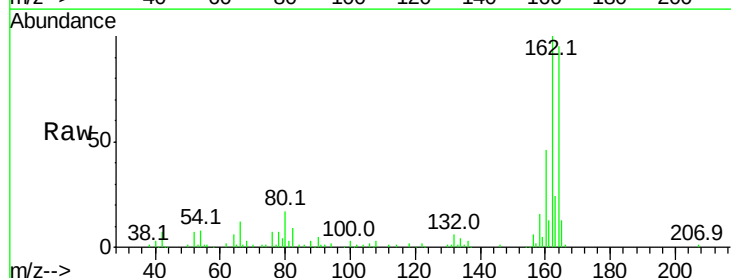
Instrument :
BNA_M
ClientSampleId :
72-12002-RBR-RBR-VNJ-230

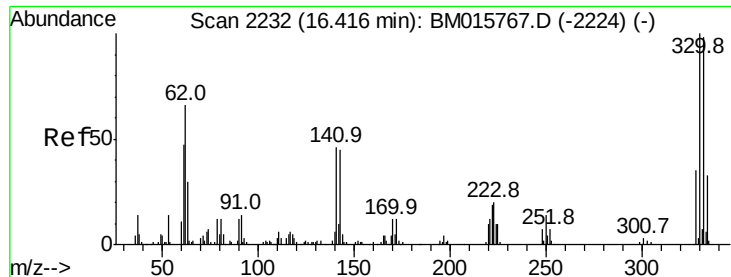
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	32.8	49.2
54	62.6	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM015867.D
Acq: 10 Jul 2018 08:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.4	123.6
160	48.6	35.8	53.6

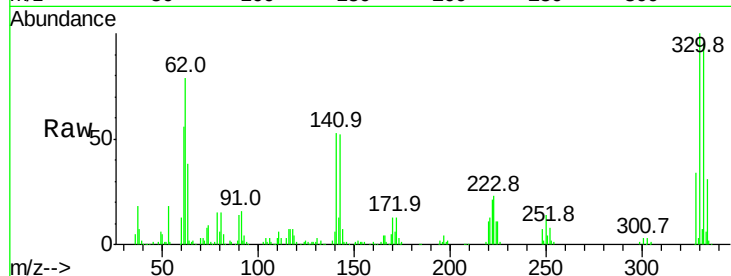




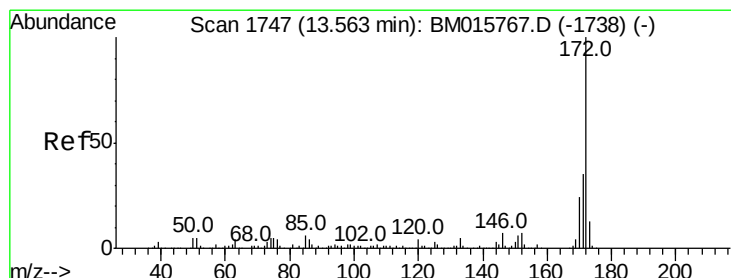
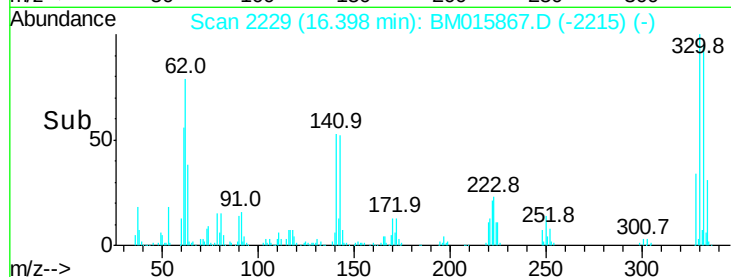
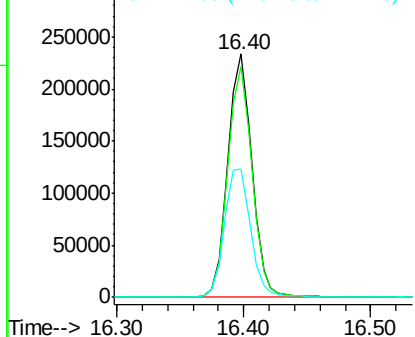
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015867.D
 Acq: 10 Jul 2018 08:53

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

Tot Ion:330 Resp: 310139
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 57.2 0.0 0.0#

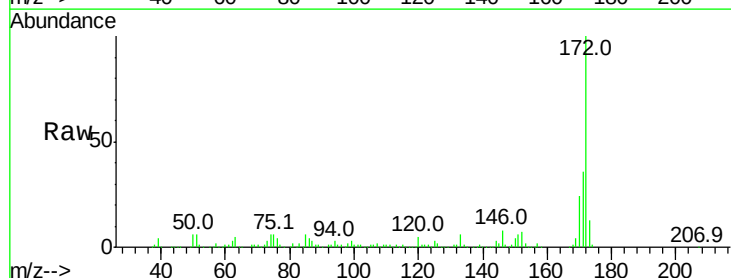


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

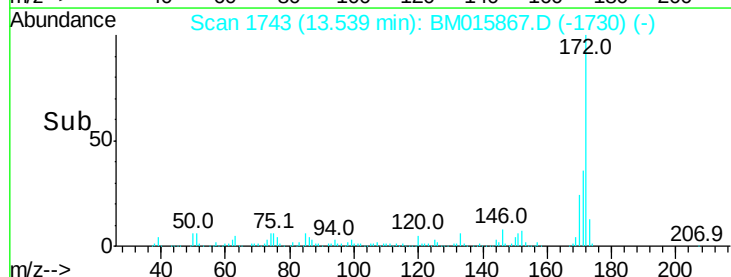
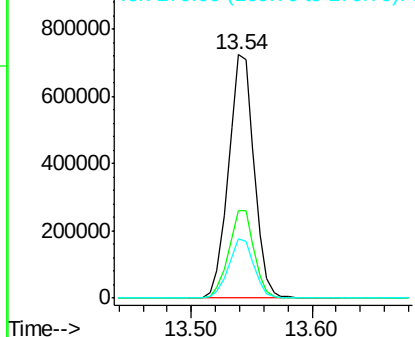


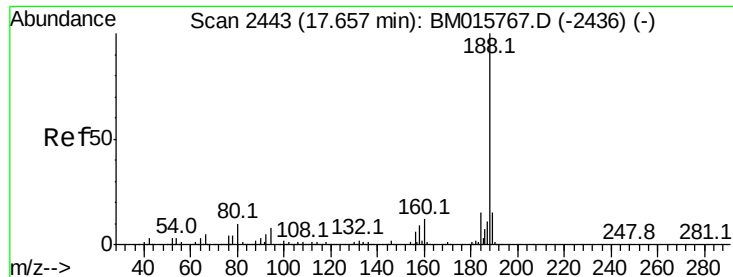
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BM015867.D
 Acq: 10 Jul 2018 08:53

Tgt Ion:172 Resp: 1064226
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.2 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

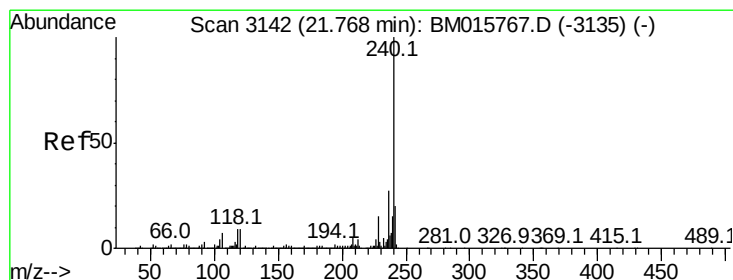
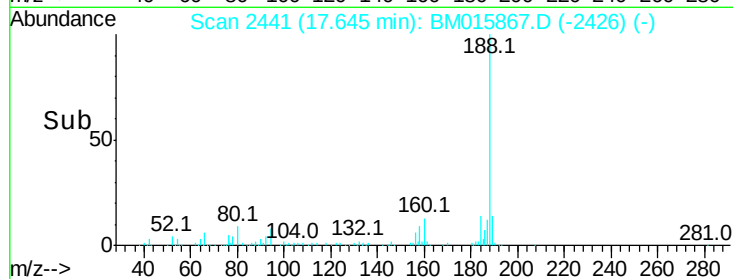
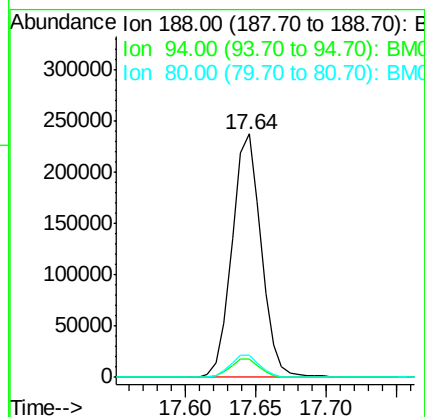
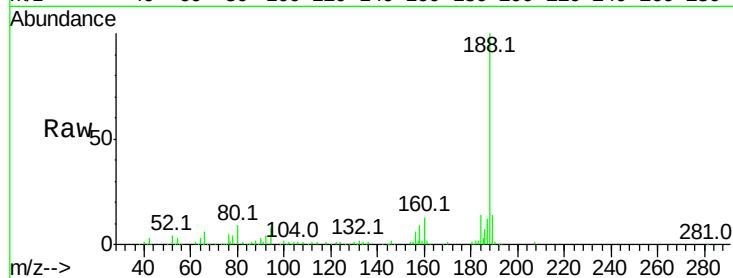




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015867.D
Acq: 10 Jul 2018 08:53

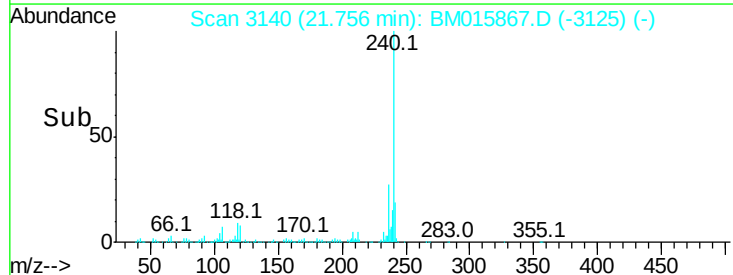
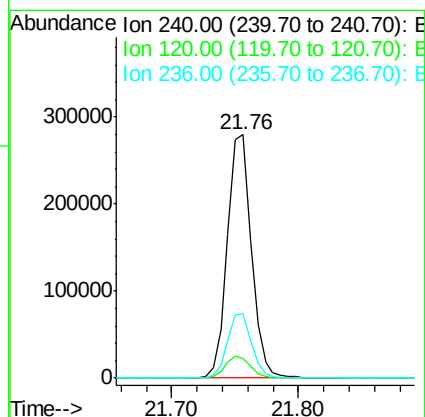
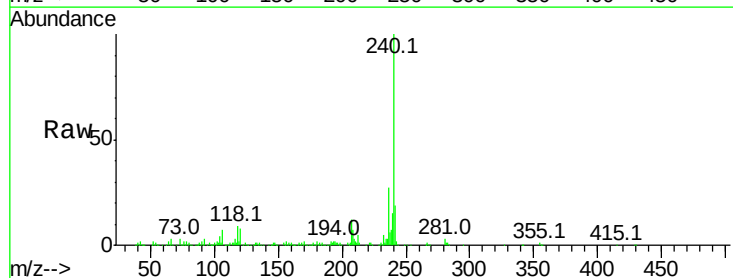
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ClientSampleId :
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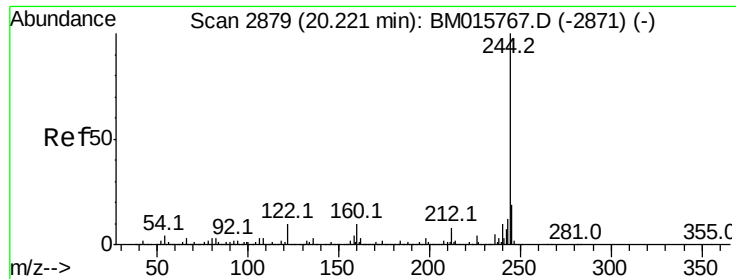
Tot Ion:188 Resp: 341457
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015867.D
Acq: 10 Jul 2018 08:53

Tgt Ion:240 Resp: 368656
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.2
236 26.6 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015867.D

Acq: 10 Jul 2018 08:53

Instrument :

BNA_M

ClientSampleId :

72-12002-RBR-RBR-VNJ-230

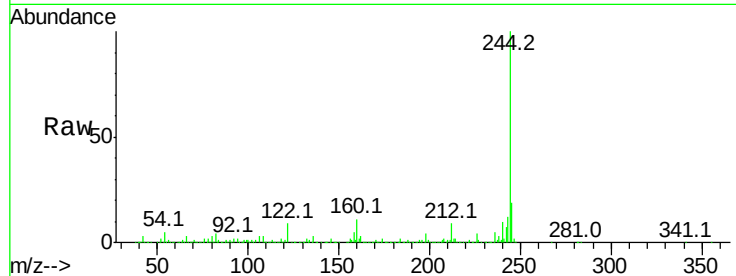
Tot Ion:244 Resp: 2273224

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

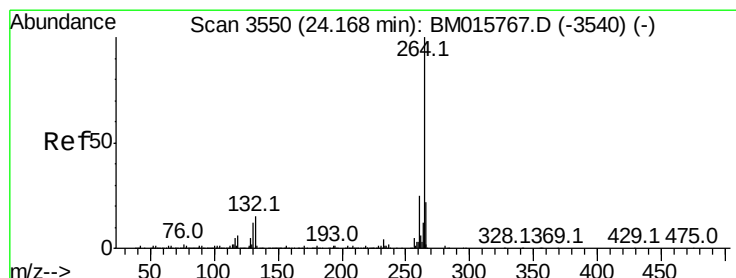
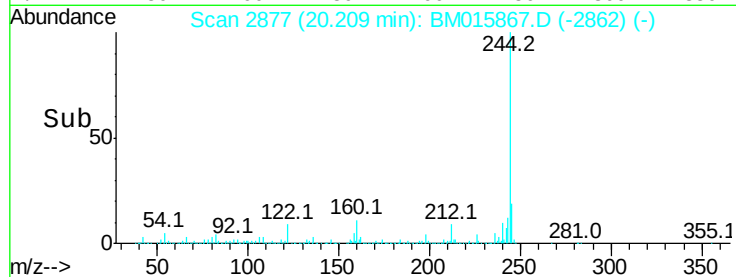
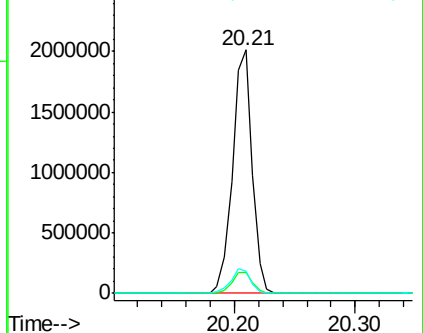
122 9.2 6.2 9.4



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: 24.15 min Scan# 3547

Delta R.T. -0.02 min

Lab File: BM015867.D

Acq: 10 Jul 2018 08:53

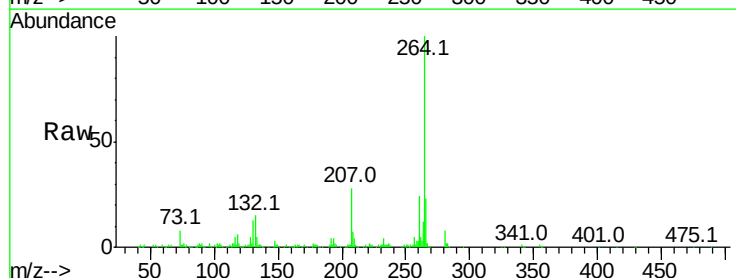
Tgt Ion:264 Resp: 365608

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 23.2 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

