

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011057.D
 Acq On : 29 Jul 2017 00:20
 Operator : SJ/JU
 Sample : I4465-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-03-072617-B

Quant Time: Jul 29 01:48:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	155132	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	547763	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	383242	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1092513	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1399322	20.00	ng	0.00
86) Perylene-d12	23.13	264	1188659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1172890	127.81	ng	0.00
7) Phenol-d6	6.59	99	1553396	119.14	ng	0.00
23) Nitrobenzene-d5	8.53	82	1367023	93.67	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	915779	149.09	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2431581	79.57	ng	-0.01
78) Terphenyl-d14	19.47	244	5750576	81.40	ng	0.00

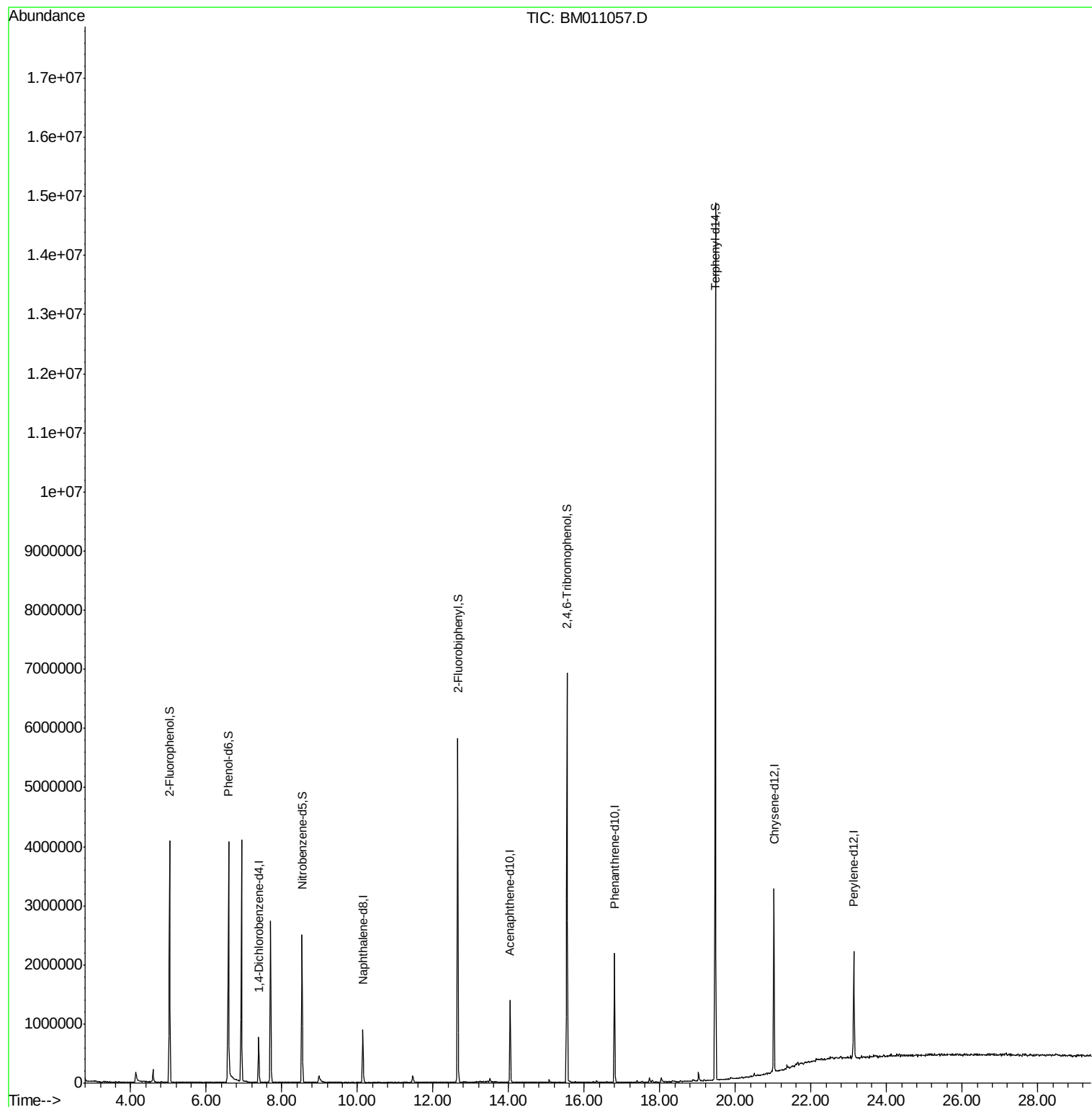
Target Compounds Qvalue

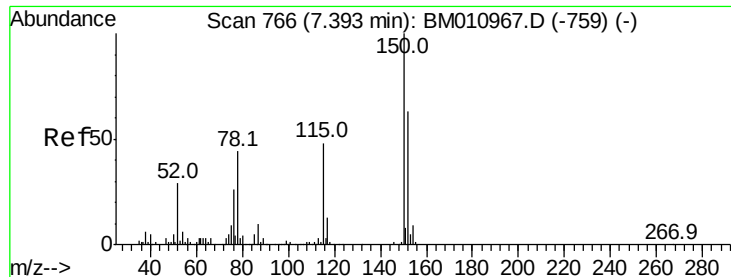
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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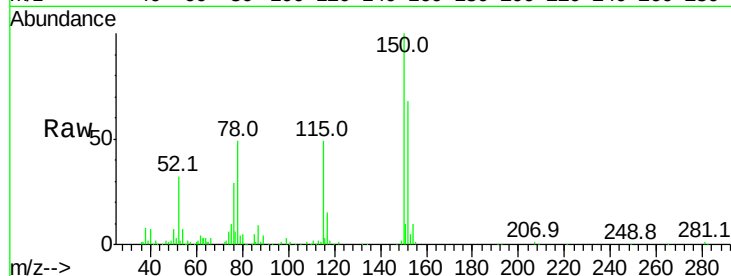


#1

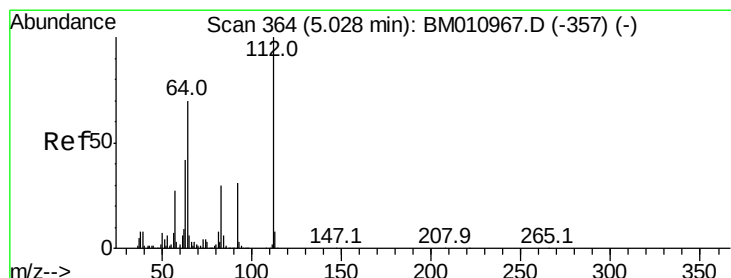
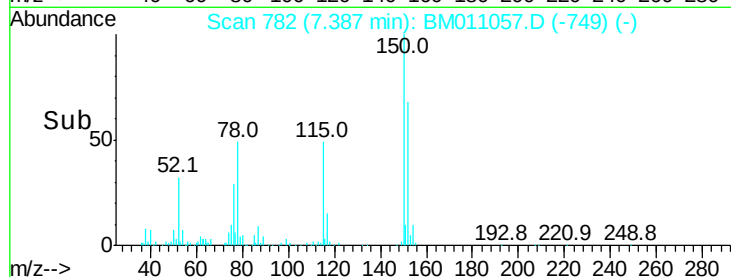
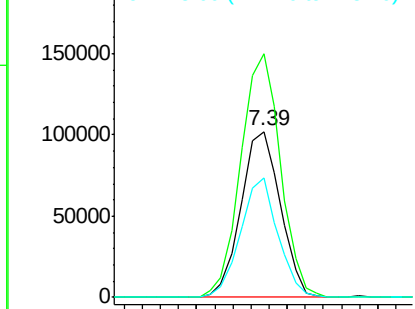
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011057.D
Acq: 29 Jul 2017 00:20

Instrument :
BNA_M
ClientSampleId :
OK-03-072617-B

Tot Ion:152 Resp: 155132
Ion Ratio Lower Upper
152 100
150 146.6 119.5 179.3
115 71.8 43.0 64.4#



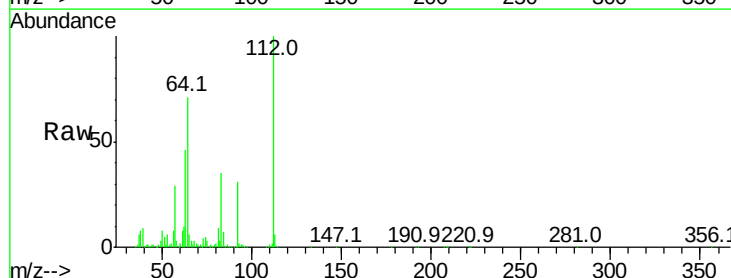
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



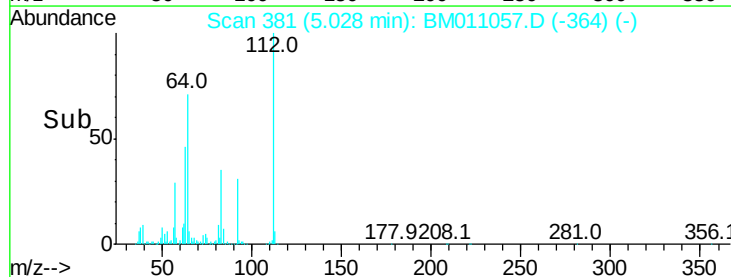
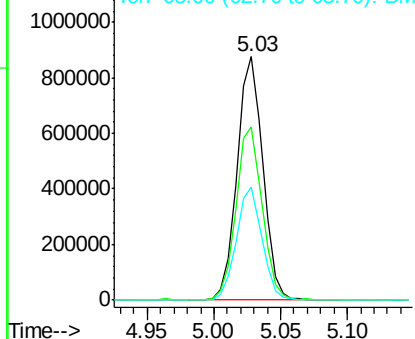
#5

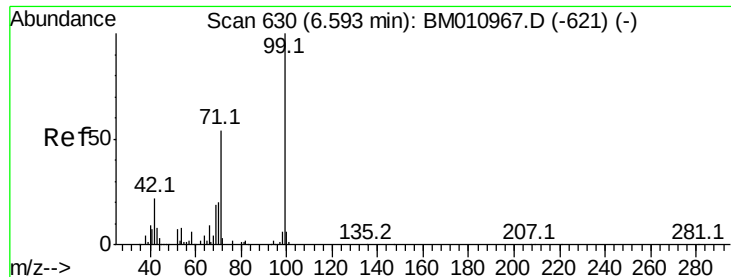
2-Fluorophenol
Concen: 127.807 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011057.D
Acq: 29 Jul 2017 00:20

Tgt Ion:112 Resp: 1172890
Ion Ratio Lower Upper
112 100
64 71.0 38.6 57.8#
63 46.4 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: 119.136 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011057.D

Acq: 29 Jul 2017 00:20

Instrument :

BNA_M

ClientSampleId :

OK-03-072617-B

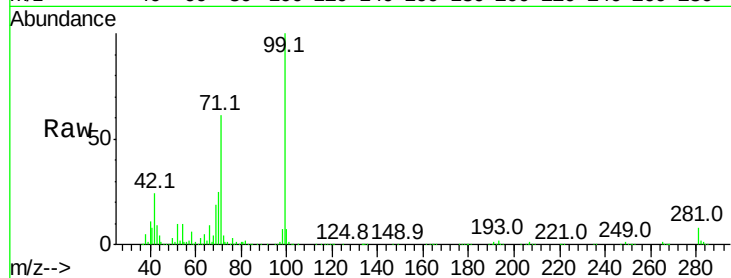
Tot Ion: 99 Resp: 1553396

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

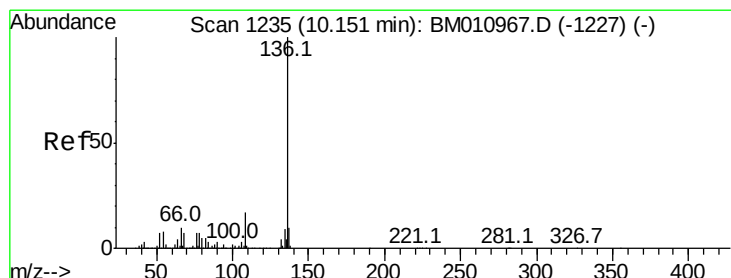
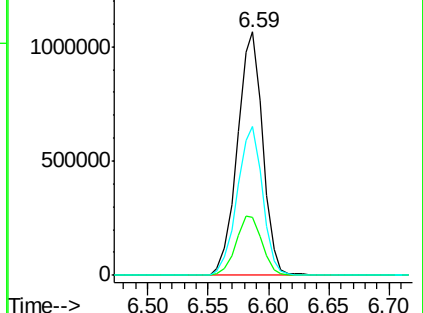
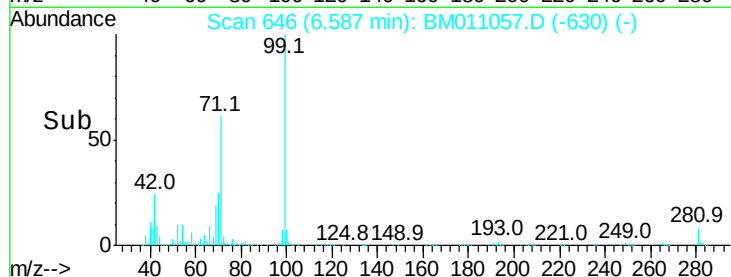
71 61.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011057.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011057.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011057.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011057.D

Acq: 29 Jul 2017 00:20

Tgt Ion: 136 Resp: 547763

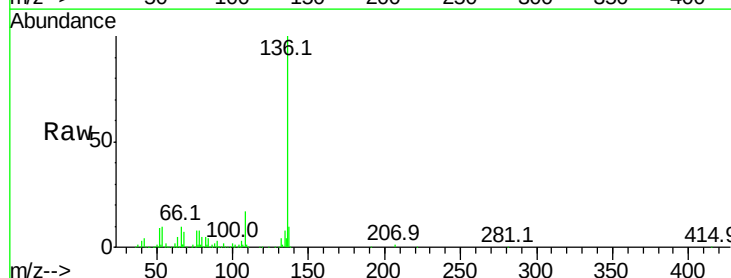
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 10.1 4.6 6.8#

68 6.9 3.7 5.5#

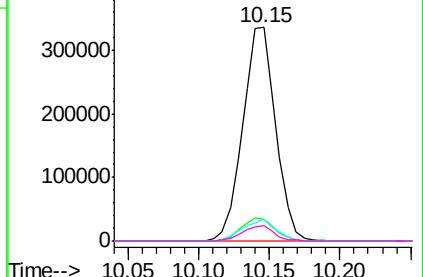
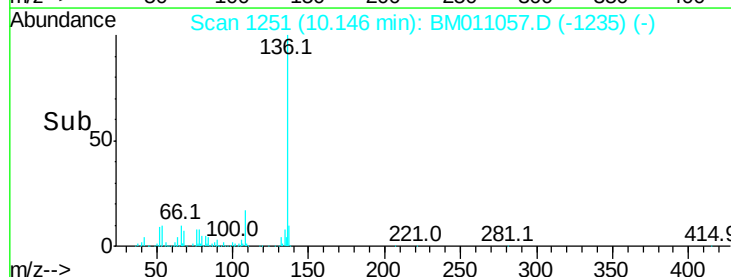


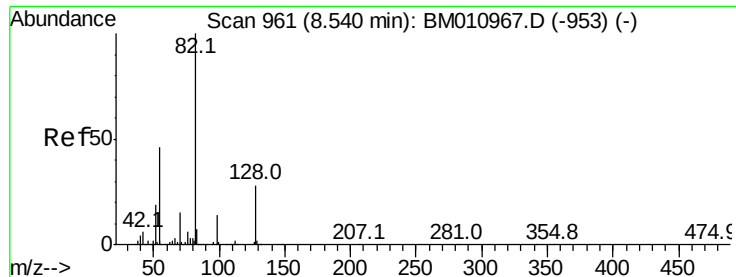
Abundance Ion 136.00 (135.70 to 136.70): BM011057.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011057.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011057.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011057.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 93.666 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011057.D

Acq: 29 Jul 2017 00:20

Instrument :

BNA_M

ClientSampleId :

OK-03-072617-B

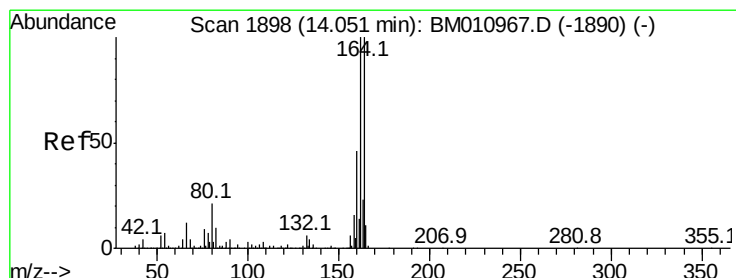
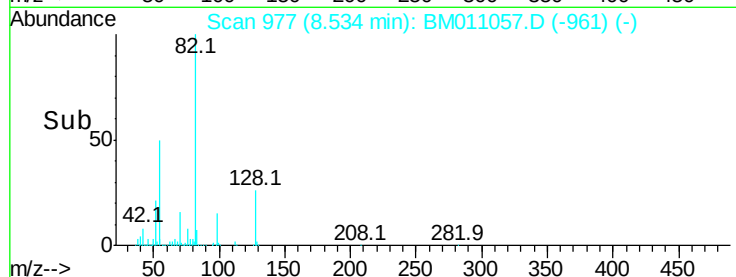
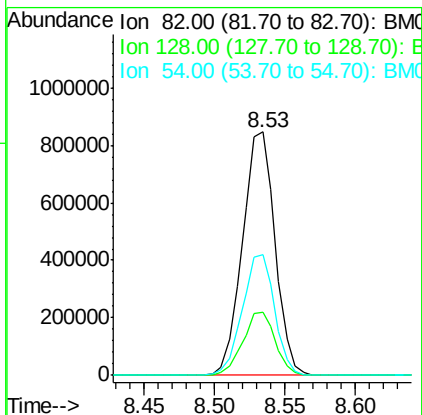
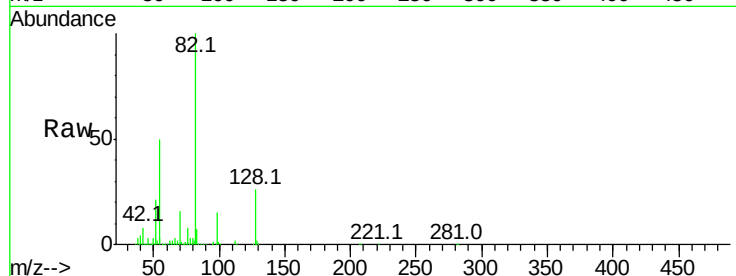
Tot Ion: 82 Resp: 1367023

Ion Ratio Lower Upper

82 100

128 26.1 32.8 49.2#

54 49.6 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011057.D

Acq: 29 Jul 2017 00:20

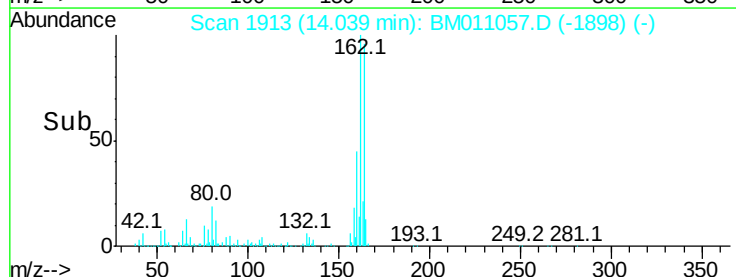
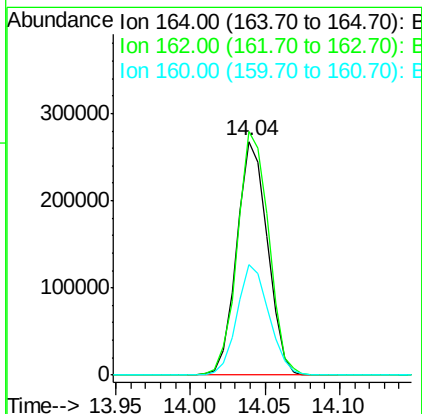
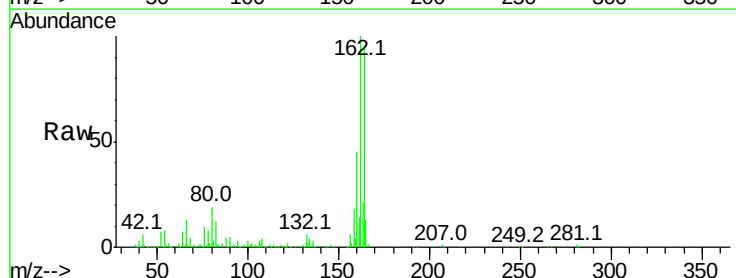
Tgt Ion:164 Resp: 383242

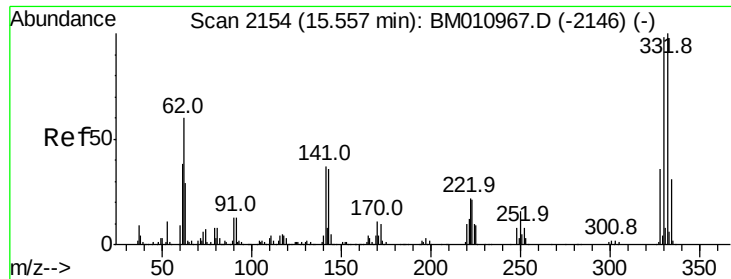
Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

160 47.3 35.8 53.6

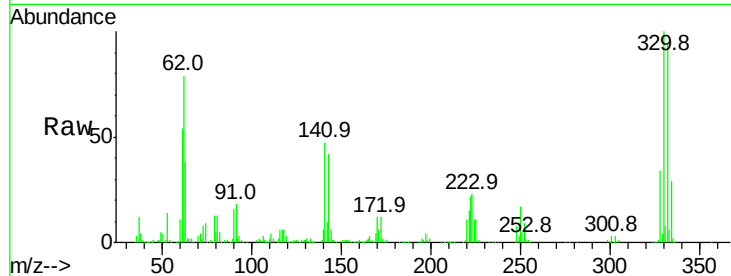




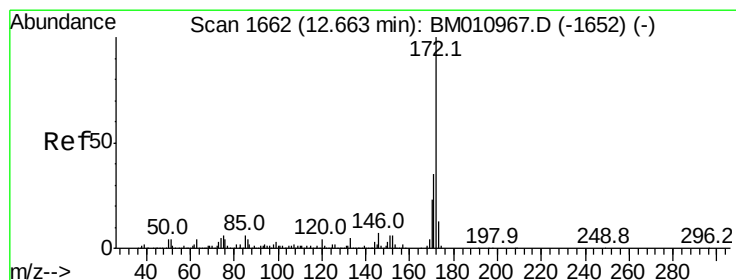
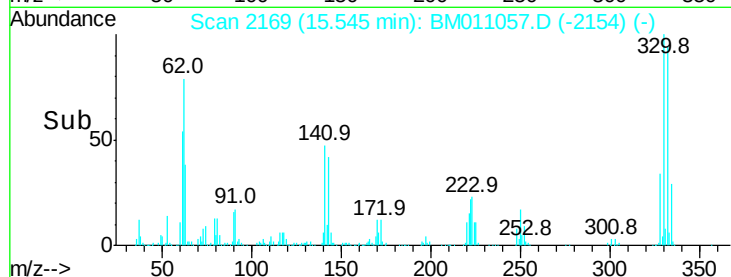
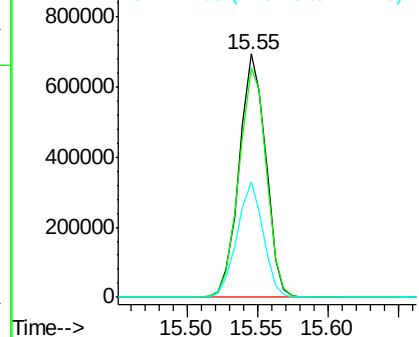
#41
 2,4,6-Tribromophenol
 Concen: 149.087 ng
 RT: 15.55 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011057.D
 Acq: 29 Jul 2017 00:20

Instrument :
 BNA_M
 ClientSampleId :
 OK-03-072617-B

Tot Ion:330 Resp: 915779
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 46.7 0.0 0.0#

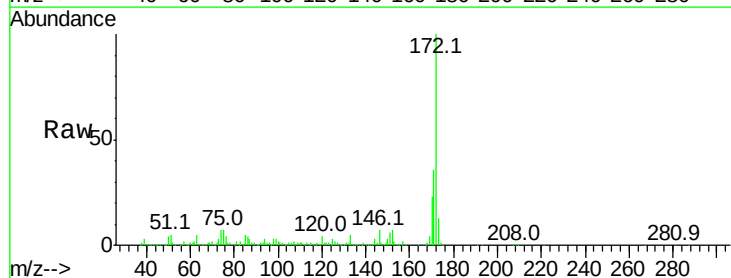


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

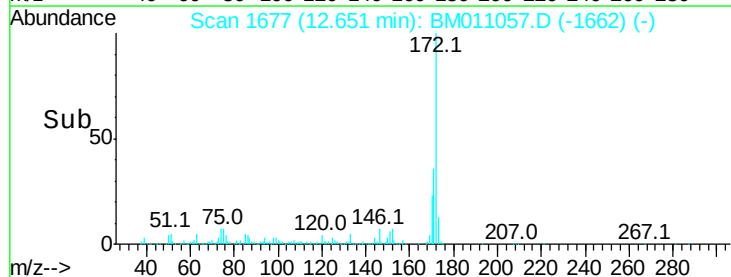
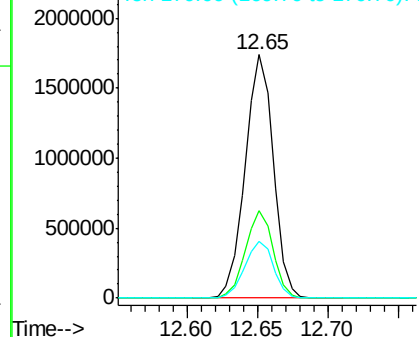


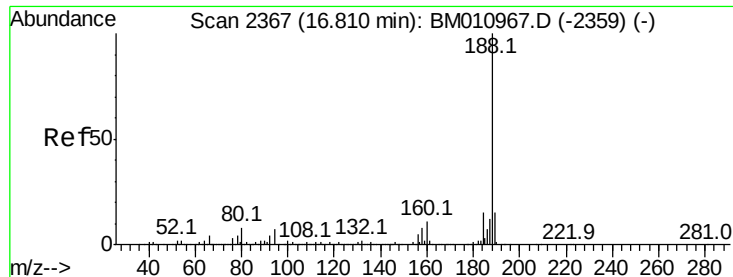
#44
 2-Fluorobiphenyl
 Concen: 79.572 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011057.D
 Acq: 29 Jul 2017 00:20

Tgt Ion:172 Resp: 2431581
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 23.4 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

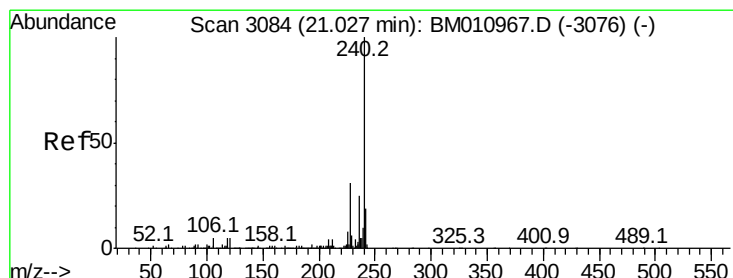
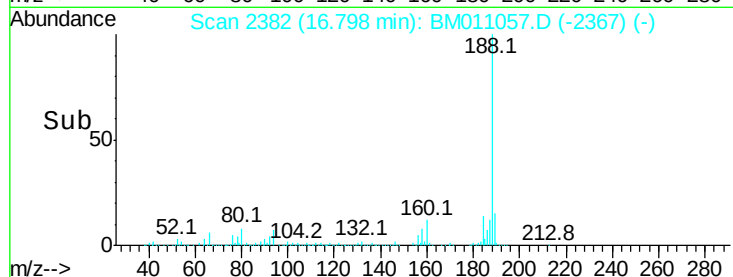
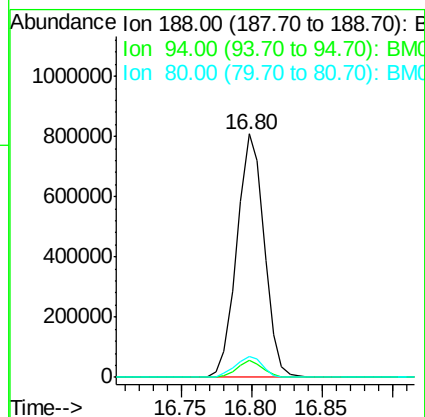
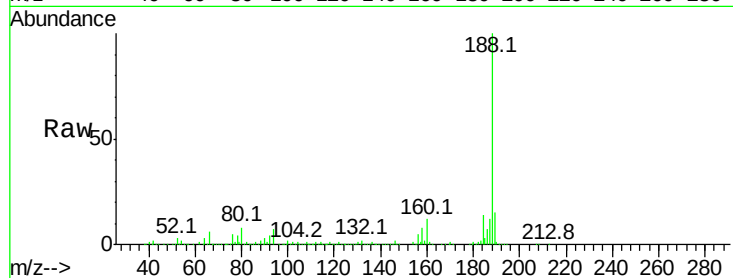




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011057.D
Acq: 29 Jul 2017 00:20

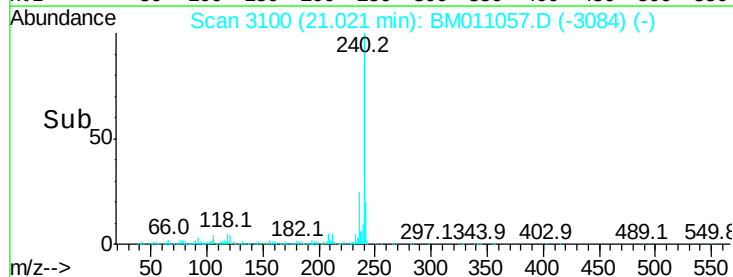
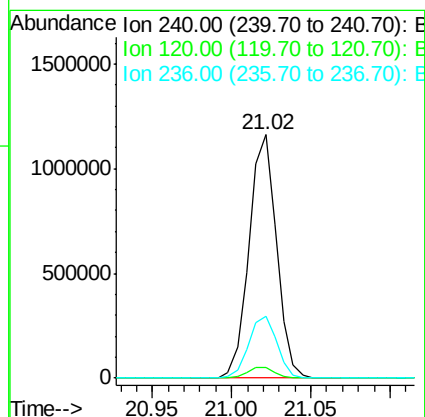
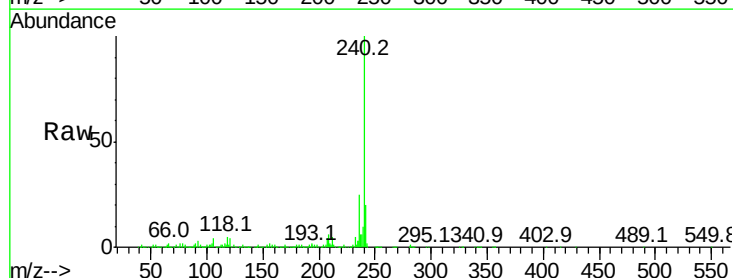
Instrument :
BNA_M
ClientSampleId :
OK-03-072617-B

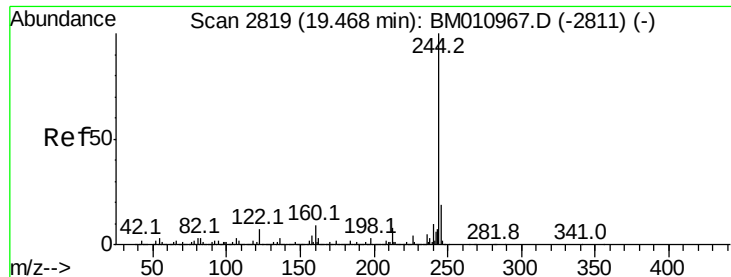
Tot Ion:188 Resp: 1092513
Ion Ratio Lower Upper
188 100
94 6.9 8.7 13.1#
80 8.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011057.D
Acq: 29 Jul 2017 00:20

Tgt Ion:240 Resp: 1399322
Ion Ratio Lower Upper
240 100
120 4.2 8.2 12.2#
236 25.2 20.0 30.0





#78

Terphenyl-d14

Concen: 81.405 ng

RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BM011057.D

Acq: 29 Jul 2017 00:20

Instrument :

BNA_M

ClientSampleId :

OK-03-072617-B

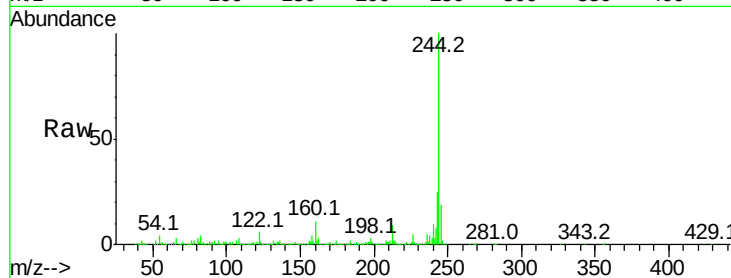
Tot Ion:244 Resp: 5750576

Ion Ratio Lower Upper

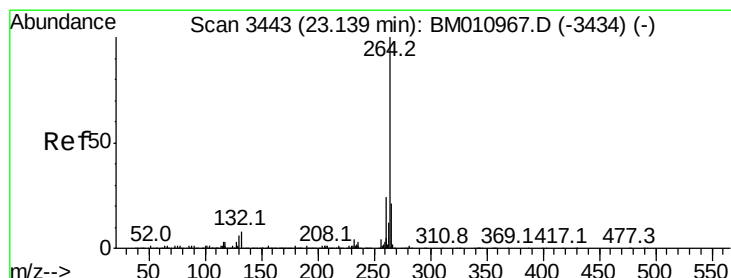
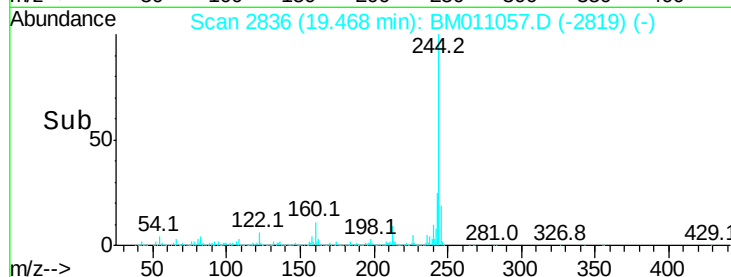
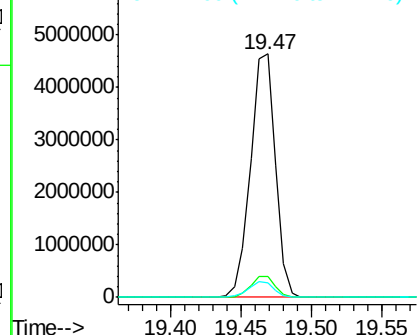
244 100

212 8.7 4.9 7.3#

122 6.0 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: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011057.D

Acq: 29 Jul 2017 00:20

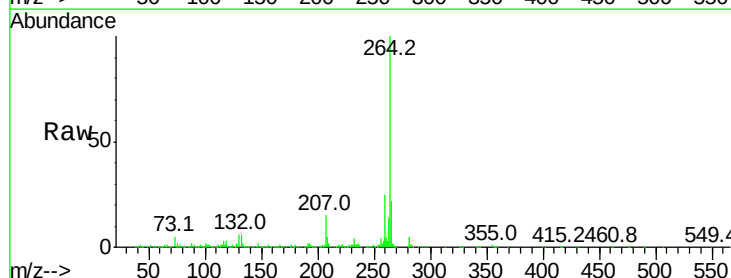
Tgt Ion:264 Resp: 1188659

Ion Ratio Lower Upper

264 100

260 24.6 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

