

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011056.D
 Acq On : 28 Jul 2017 23:44
 Operator : SJ/JU
 Sample : I4465-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 29 01:46:12 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	144312	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	522502	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	307746	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	757976	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	771120	20.00	ng	0.00
86) Perylene-d12	23.13	264	212156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1203791	141.01	ng	0.00
7) Phenol-d6	6.59	99	1537260	126.74	ng	0.00
23) Nitrobenzene-d5	8.53	82	1415361	101.67	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	731483	148.30	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2436621	99.30	ng	-0.01
78) Terphenyl-d14	19.46	244	3501249	89.94	ng	0.00

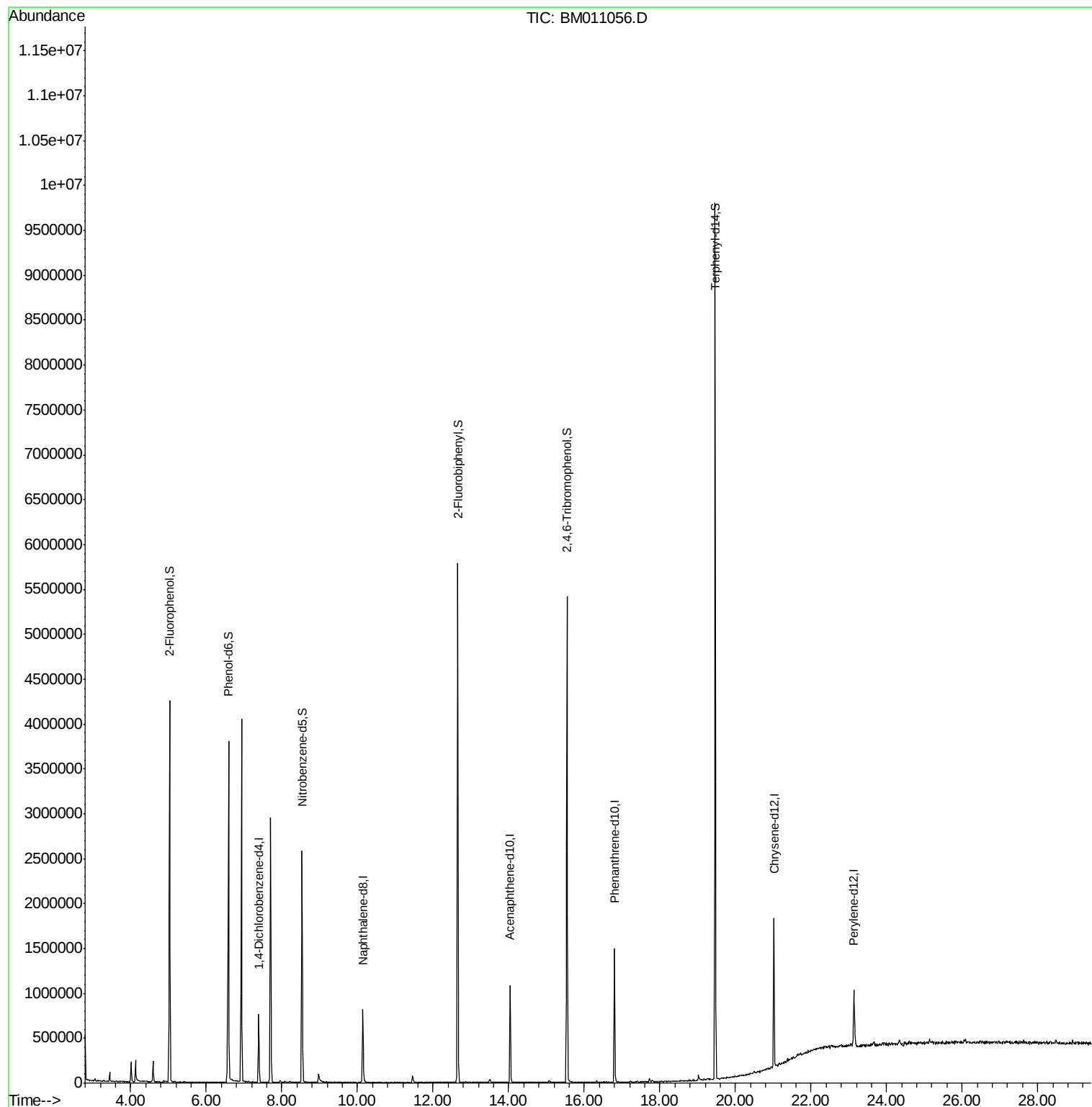
Target Compounds Qvalue

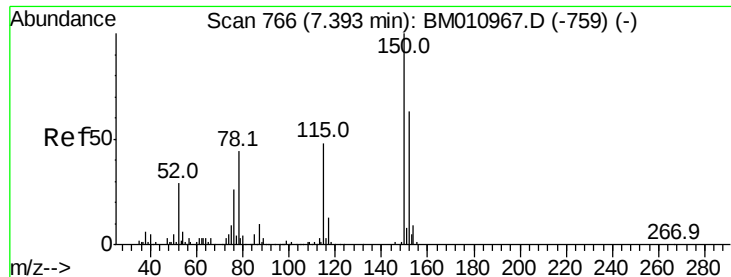
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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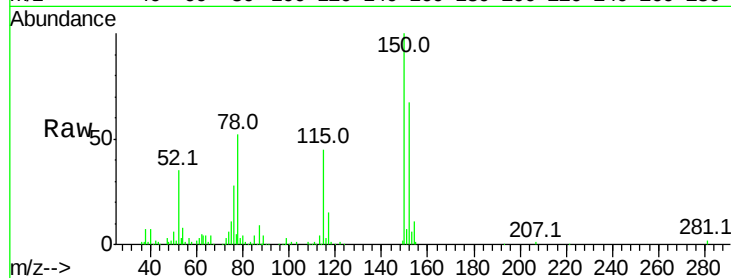


#1

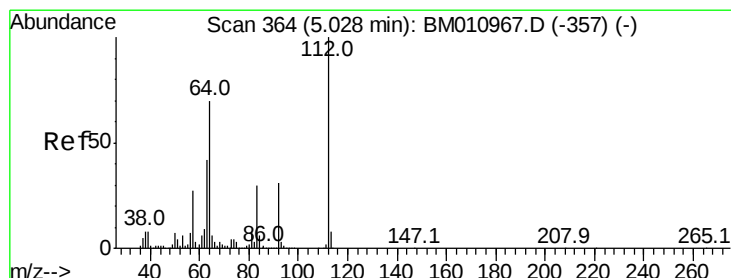
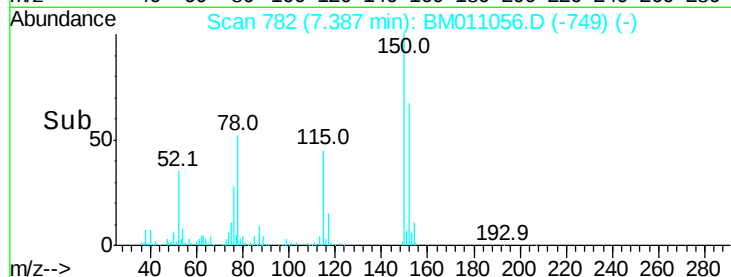
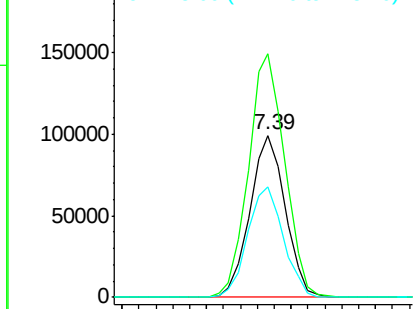
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011056.D
Acq: 28 Jul 2017 23:44

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

Tot Ion:152 Resp: 144312
Ion Ratio Lower Upper
152 100
150 150.2 119.5 179.3
115 67.9 43.0 64.4#



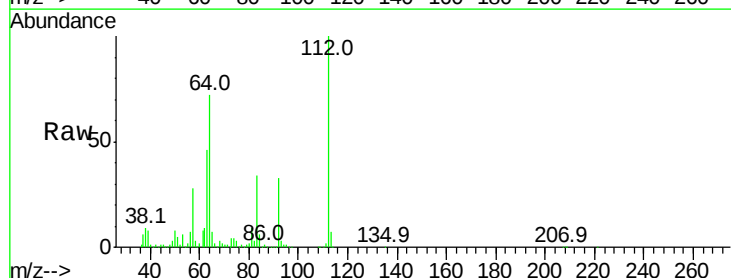
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



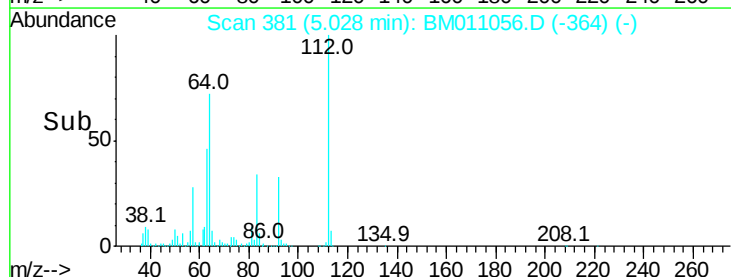
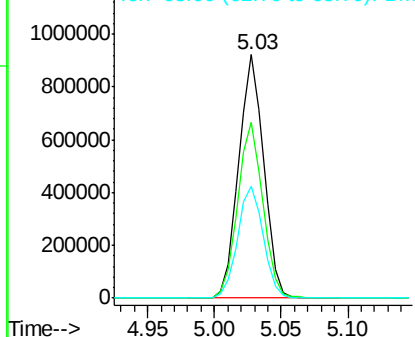
#5

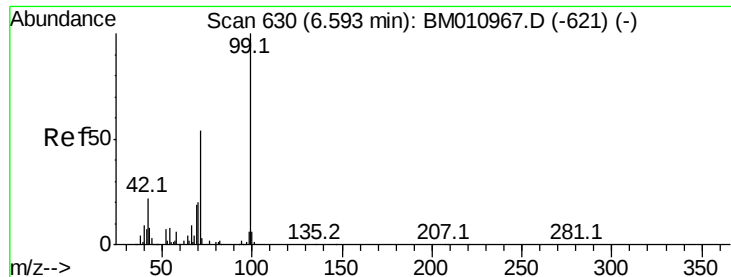
2-Fluorophenol
Concen: 141.009 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011056.D
Acq: 28 Jul 2017 23:44

Tgt Ion:112 Resp: 1203791
Ion Ratio Lower Upper
112 100
64 72.4 38.6 57.8#
63 45.9 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: 126.738 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011056.D

Acq: 28 Jul 2017 23:44

Instrument :

BNA_M

ClientSampleId :

OK-03-072617-A

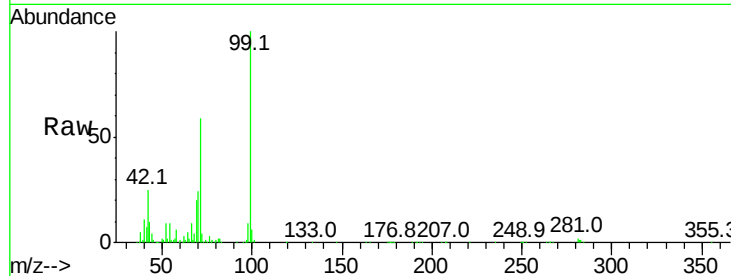
Tot Ion: 99 Resp: 1537260

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

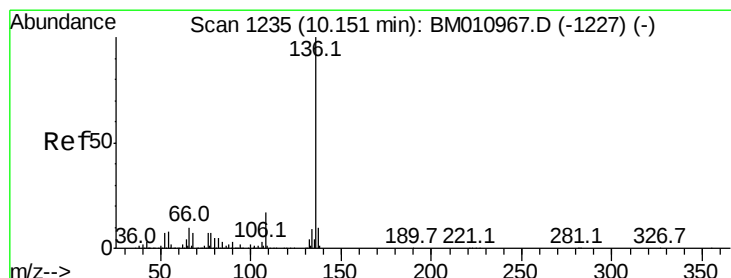
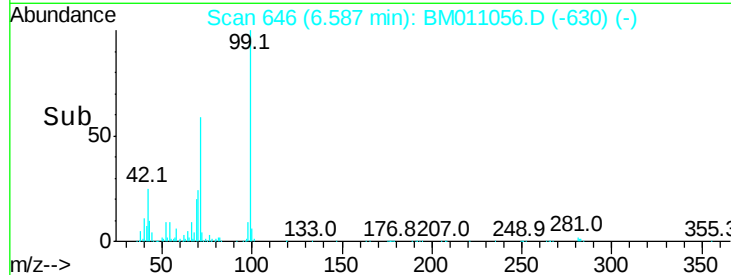
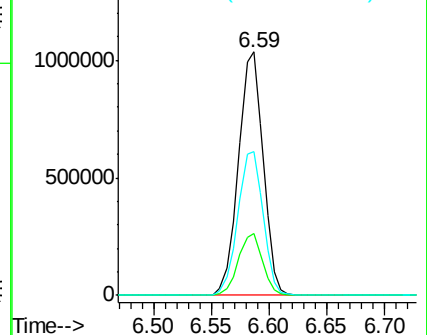
71 59.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM0110967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM0110967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM0110967.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011056.D

Acq: 28 Jul 2017 23:44

Tgt Ion: 136 Resp: 522502

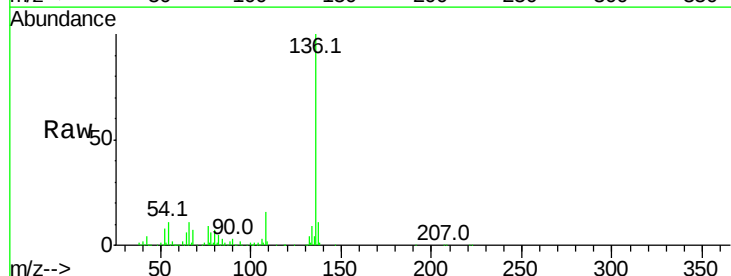
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.5 4.6 6.8#

68 7.0 3.7 5.5#

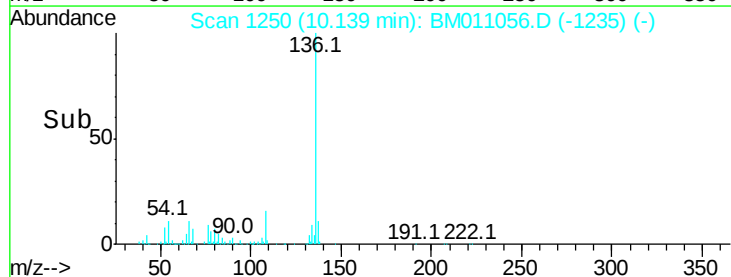
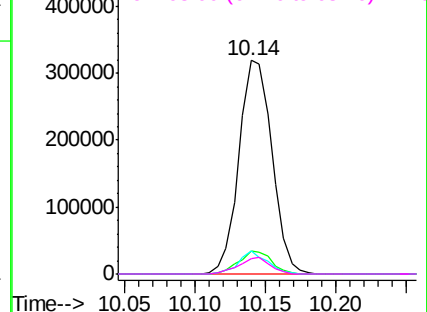


Abundance Ion 136.00 (135.70 to 136.70): BM0110967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM0110967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM0110967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM0110967.D (-1227) (-)





#23

Nitrobenzene-d5

Concen: 101.666 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011056.D

Acq: 28 Jul 2017 23:44

Instrument :

BNA_M

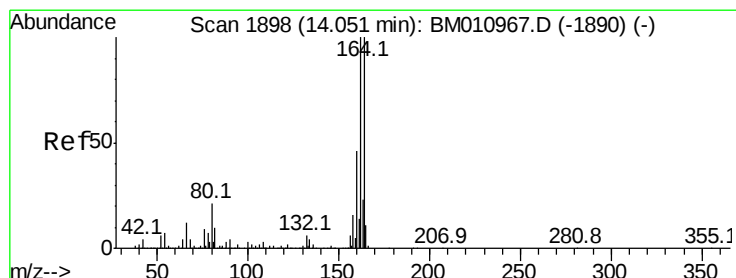
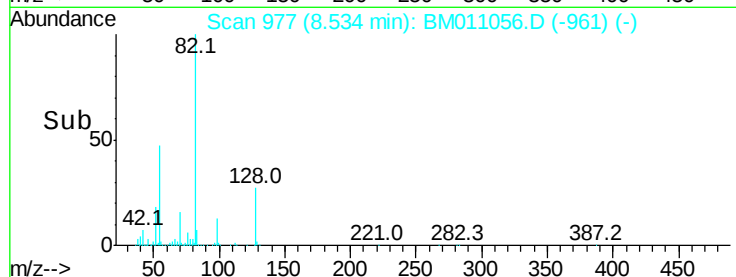
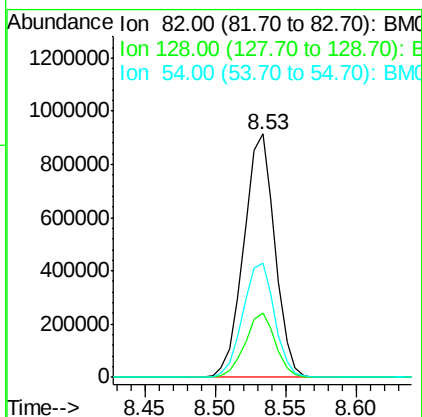
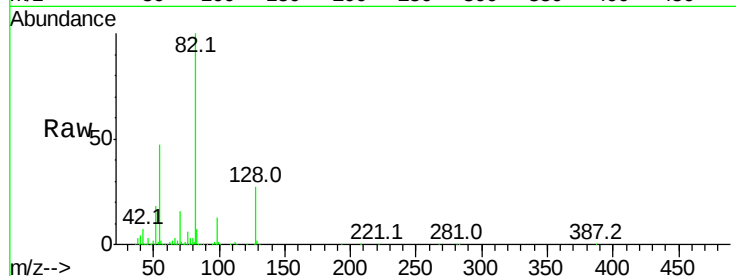
ClientSampleId :

OK-03-072617-A

Tot Ion: 82 Resp: 1415361

Ion Ratio Lower Upper

82	100		
128	26.7	32.8	49.2#
54	47.0	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

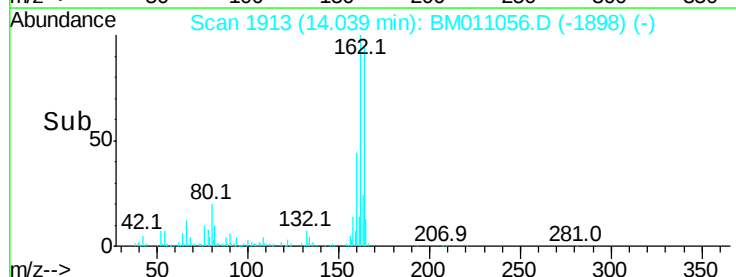
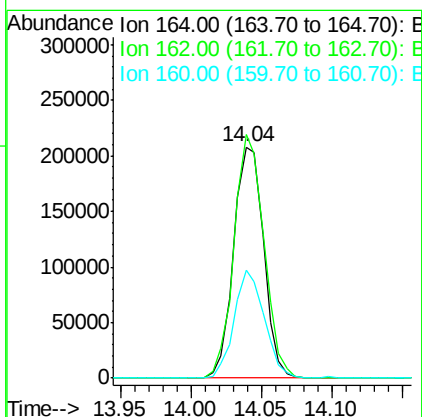
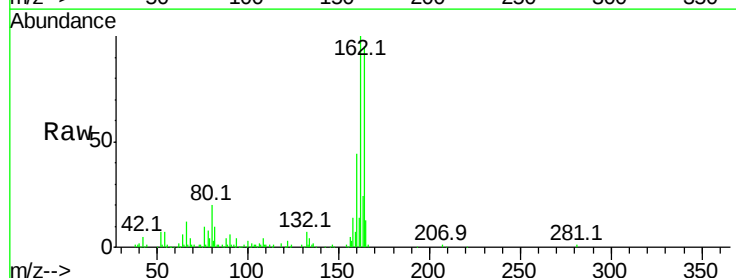
Lab File: BM011056.D

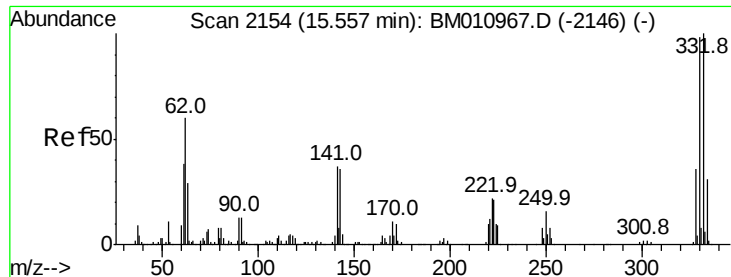
Acq: 28 Jul 2017 23:44

Tgt Ion:164 Resp: 307746

Ion Ratio Lower Upper

164	100		
162	105.5	82.4	123.6
160	46.8	35.8	53.6

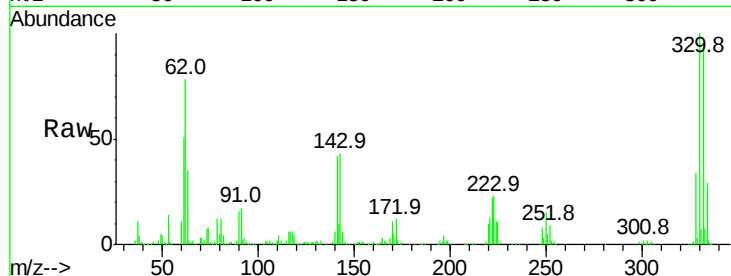




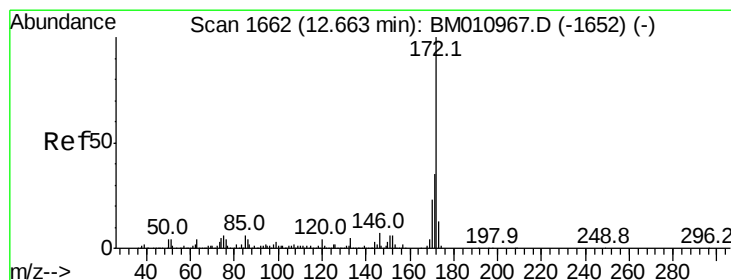
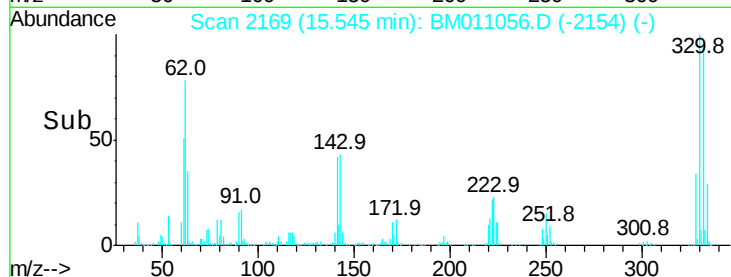
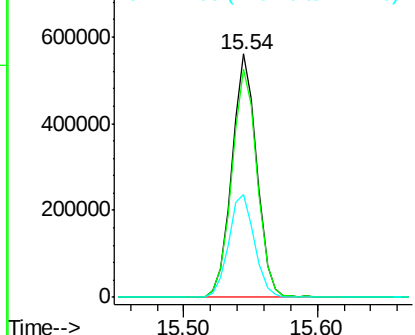
#41
 2,4,6-Tribromophenol
 Concen: 148.298 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011056.D
 Acq: 28 Jul 2017 23:44

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

Tot Ion:330 Resp: 731483
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 44.1 0.0 0.0#

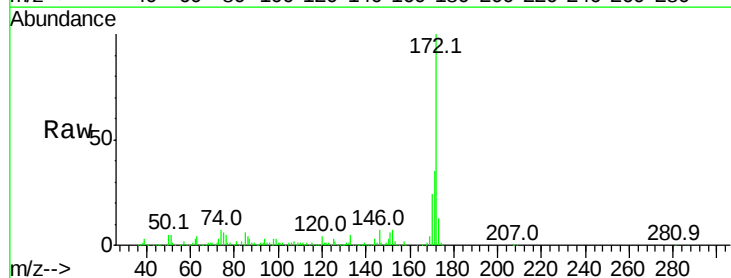


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

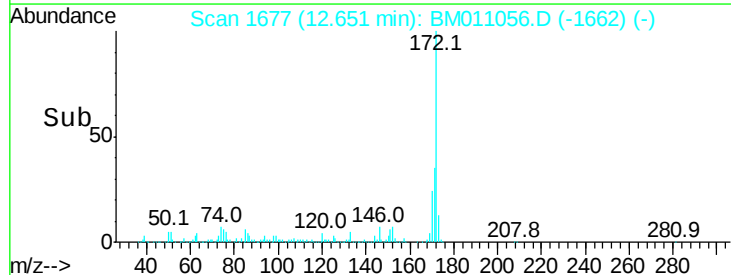
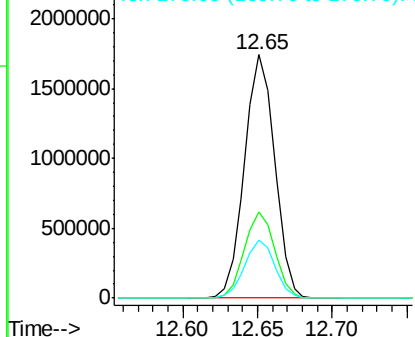


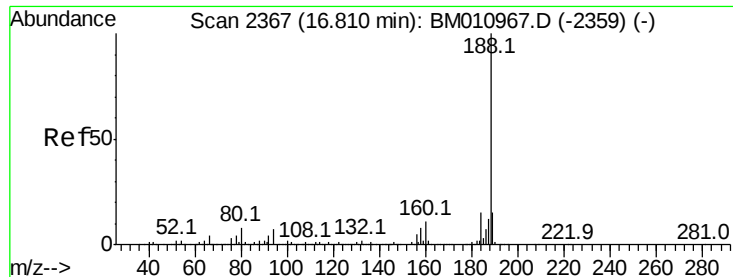
#44
 2-Fluorobiphenyl
 Concen: 99.298 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011056.D
 Acq: 28 Jul 2017 23:44

Tgt Ion:172 Resp: 2436621
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.6 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

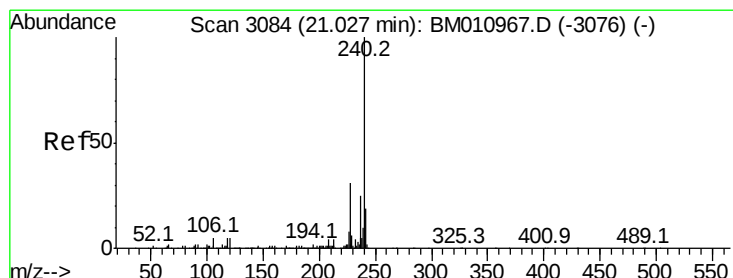
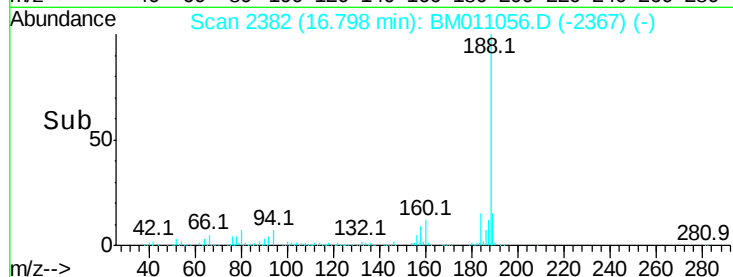
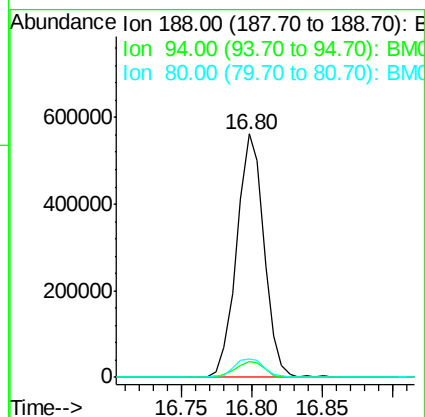
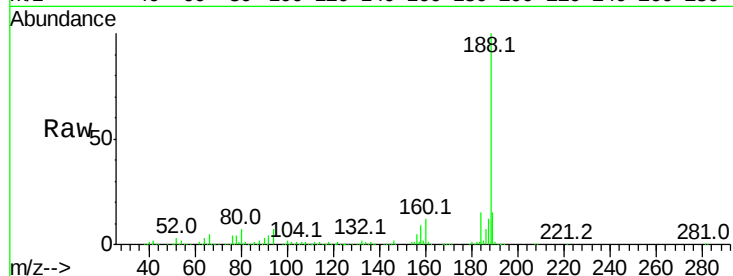




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011056.D
Acq: 28 Jul 2017 23:44

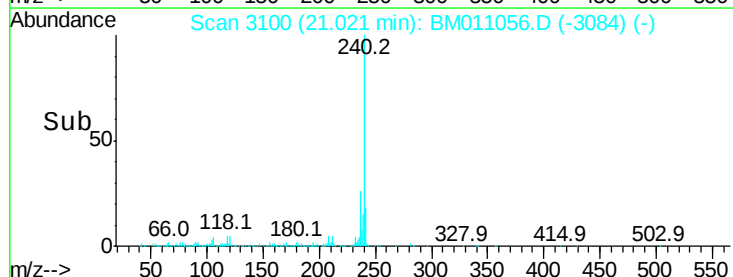
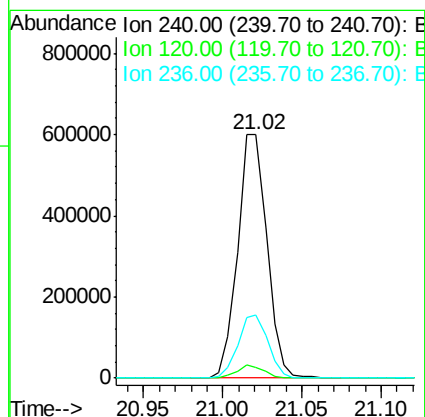
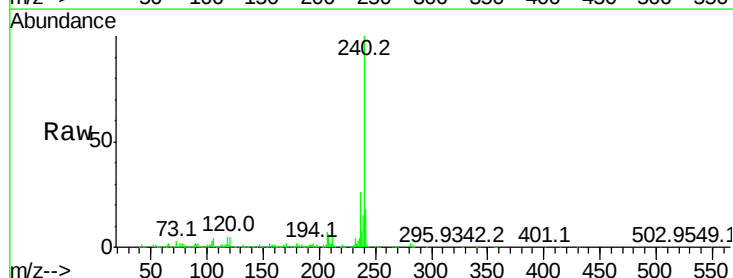
Instrument :
BNA_M
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OK-03-072617-A

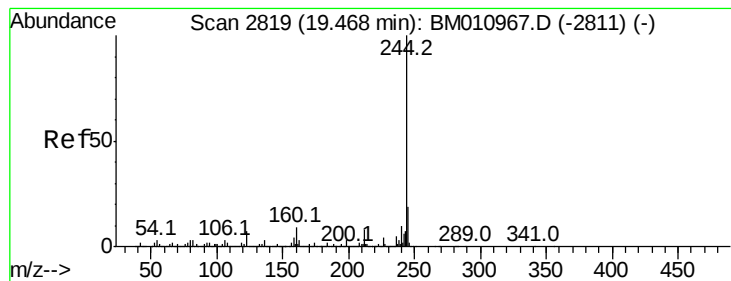
Tot Ion:188 Resp: 757976
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 7.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011056.D
Acq: 28 Jul 2017 23:44

Tgt Ion:240 Resp: 771120
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: 89.941 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011056.D

Acq: 28 Jul 2017 23:44

Instrument :

BNA_M

ClientSampleId :

OK-03-072617-A

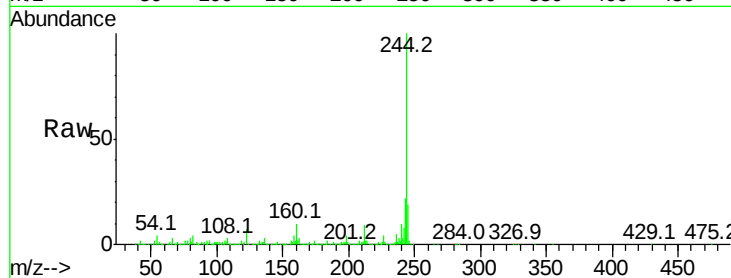
Tot Ion:244 Resp: 3501249

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

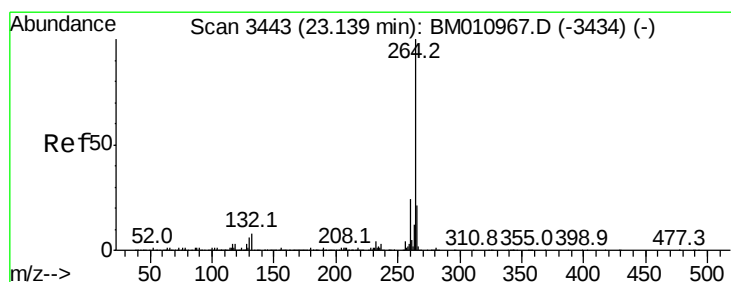
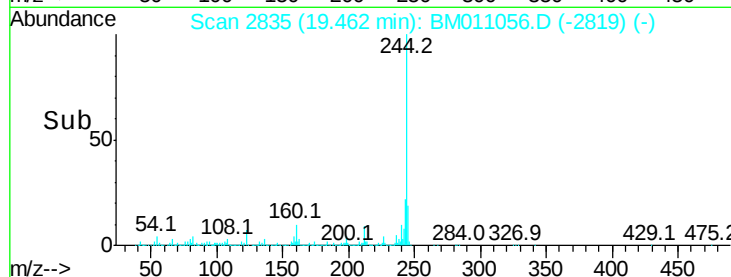
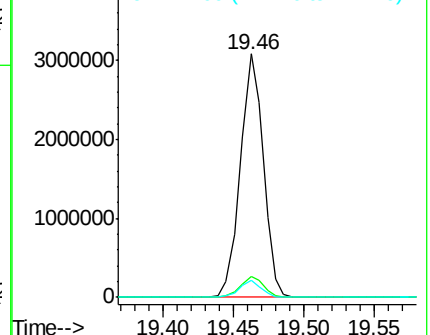
122 6.8 6.2 9.4



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: BM011056.D

Acq: 28 Jul 2017 23:44

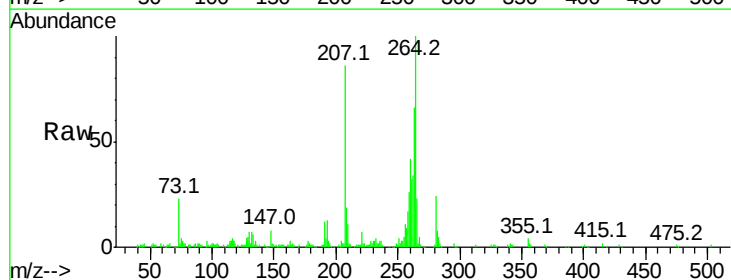
Tgt Ion:264 Resp: 212156

Ion Ratio Lower Upper

264 100

260 41.5 18.6 27.8#

265 22.5 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

