

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
 Data File : BM011239.D
 Acq On : 15 Aug 2017 18:49
 Operator : SJ/JU
 Sample : I4753-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DRUMS-COMP

Quant Time: Aug 16 00:55:25 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	7.29	152	143156	20.00	ng	-0.11
21) Naphthalene-d8	10.05	136	487792	20.00	ng	-0.11
38) Acenaphthene-d10	13.96	164	320575	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	760366	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	807879	20.00	ng	-0.08
86) Perylene-d12	23.02	264	750201	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	1141035	134.74	ng	-0.10
7) Phenol-d6	6.49	99	1504229	125.02	ng	-0.10
23) Nitrobenzene-d5	8.44	82	1499328	115.36	ng	-0.10
41) 2,4,6-Tribromophenol	15.46	330	696285	135.51	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	2466633	96.50	ng	-0.10
78) Terphenyl-d14	19.39	244	3785175	92.81	ng	-0.08

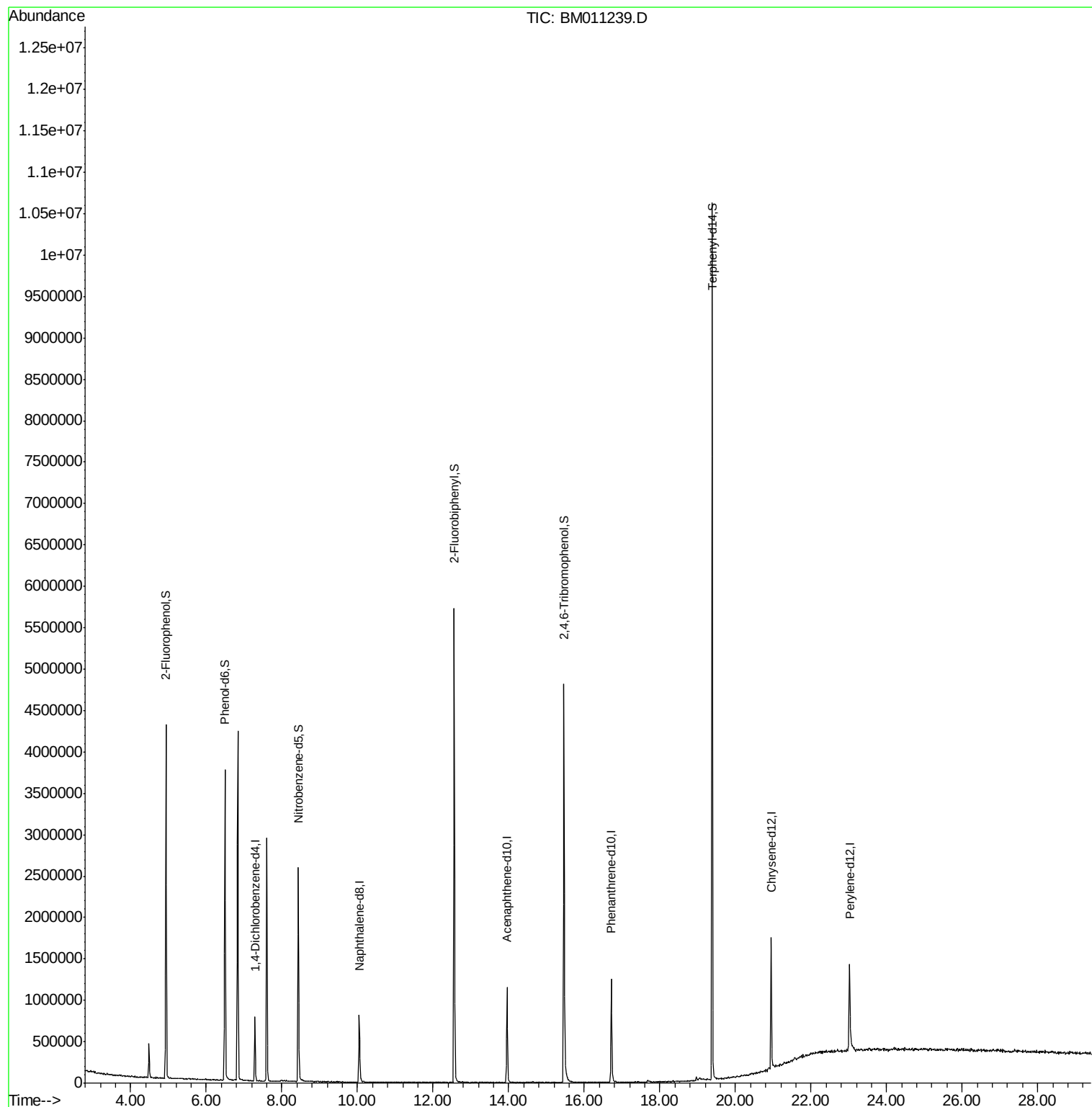
Target Compounds Qvalue

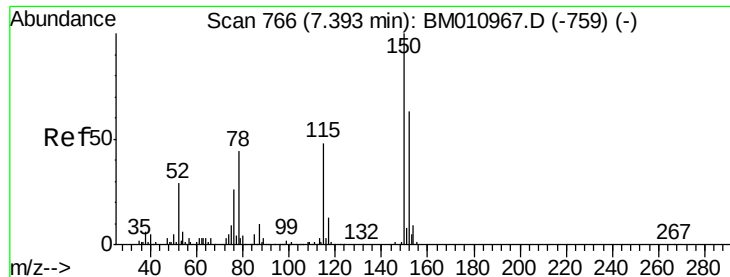
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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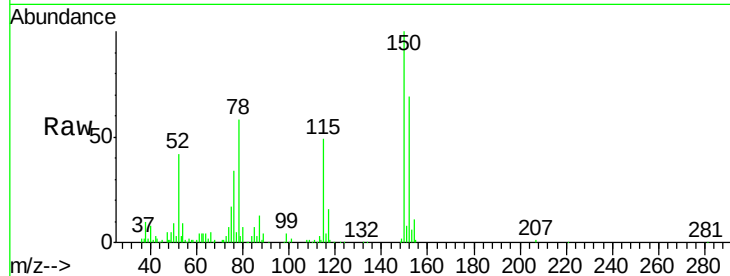


#1

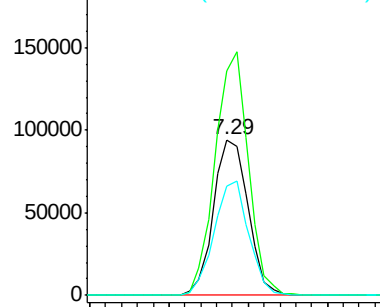
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 765
Delta R.T. -0.11 min
Lab File: BM011239.D
Acq: 15 Aug 2017 18:49

Instrument :
BNA_M
ClientSampleId :
DRUMS-COMP

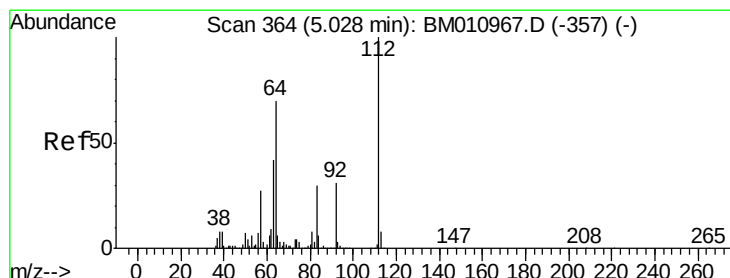
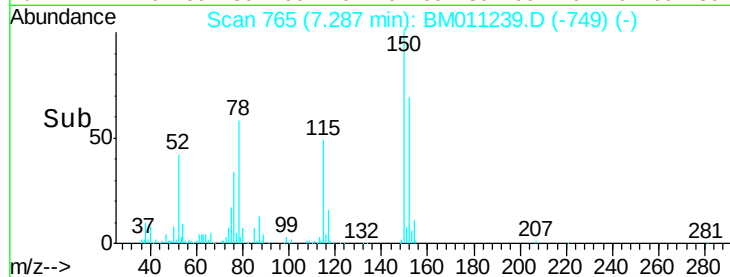
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	119.5	179.3
115	70.4	43.0	64.4



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



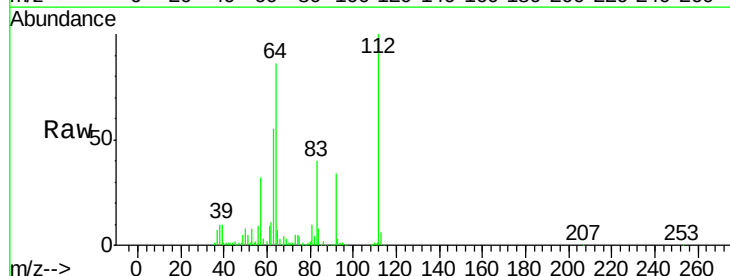
Time-->



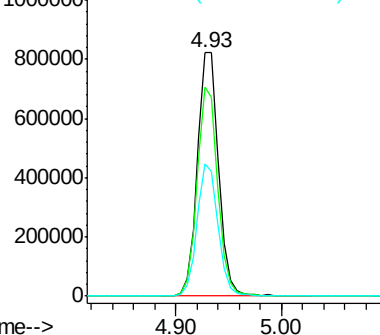
#5

2-Fluorophenol
Concen: 134.74 ng
RT: 4.93 min Scan# 364
Delta R.T. -0.10 min
Lab File: BM011239.D
Acq: 15 Aug 2017 18:49

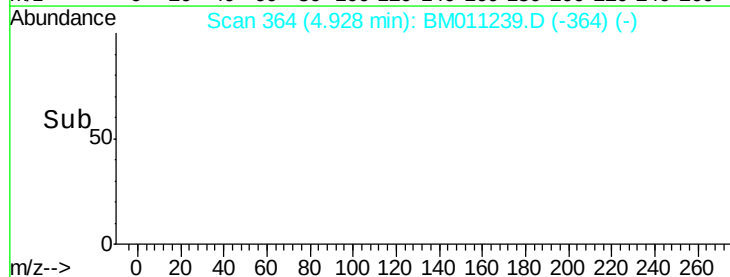
Tgt Ion	Ratio	Lower	Upper
112	100		
64	85.7	38.6	57.8
63	54.6	19.3	28.9

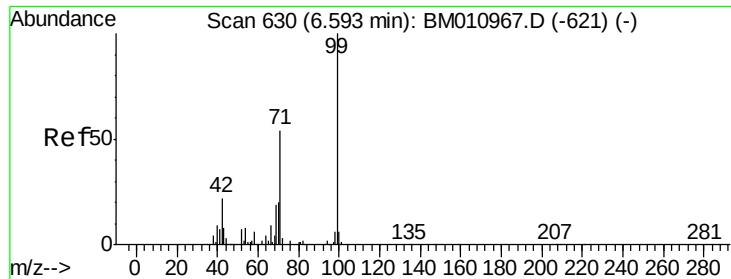


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 125.02 ng

RT: 6.49 min Scan# 630

Delta R.T. -0.10 min

Lab File: BM011239.D

Acq: 15 Aug 2017 18:49

Instrument :

BNA_M

ClientSampleId :

DRUMS-COMP

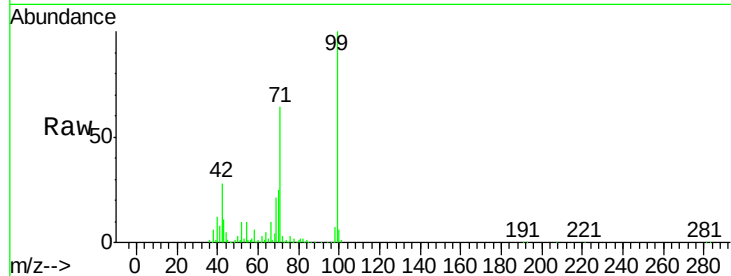
Tot Ion: 99 Resp: 1504229

Ion Ratio Lower Upper

99 100

42 27.5 11.0 16.4#

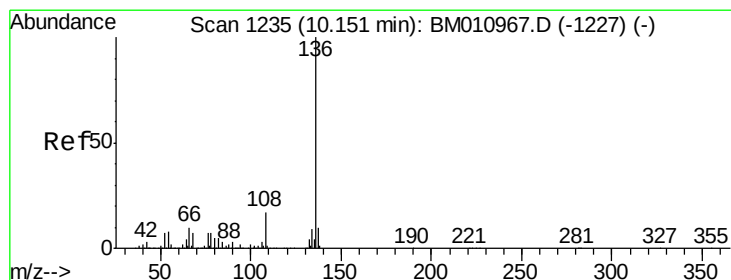
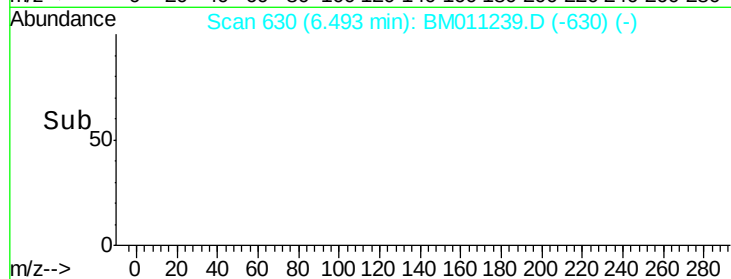
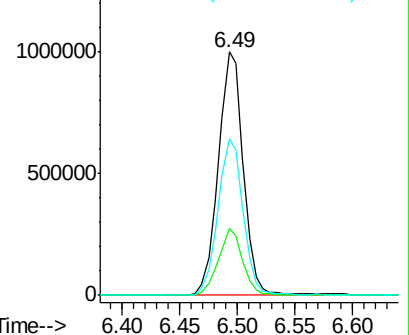
71 64.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.05 min Scan# 1234

Delta R.T. -0.11 min

Lab File: BM011239.D

Acq: 15 Aug 2017 18:49

Tgt Ion: 136 Resp: 487792

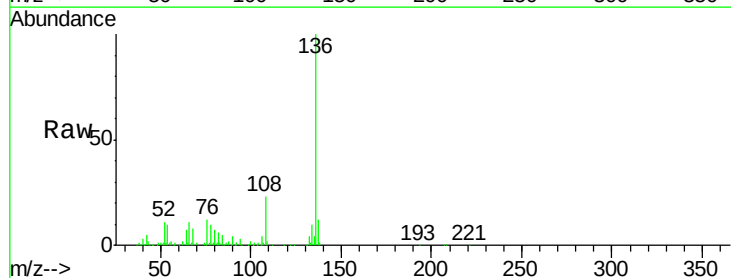
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 10.5 4.6 6.8#

68 7.9 3.7 5.5#

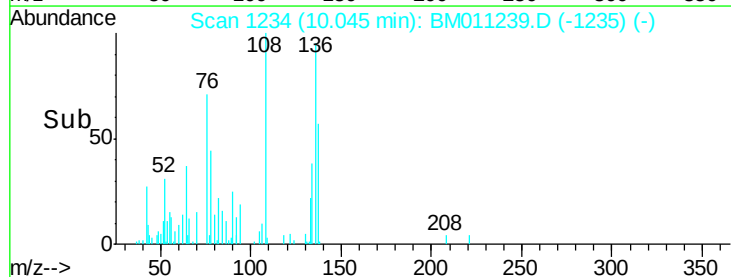
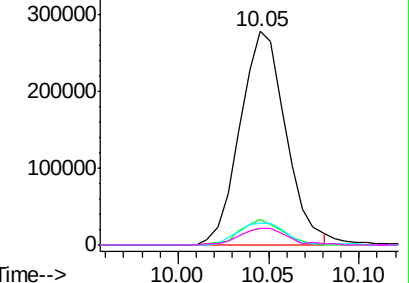


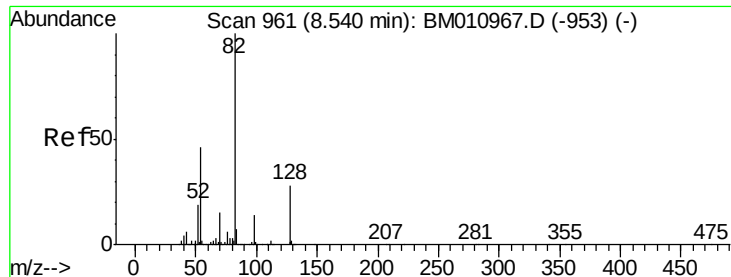
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)

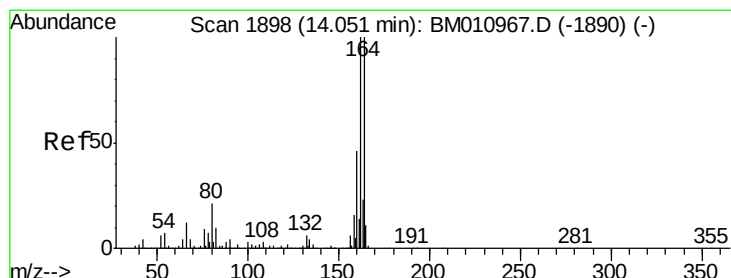
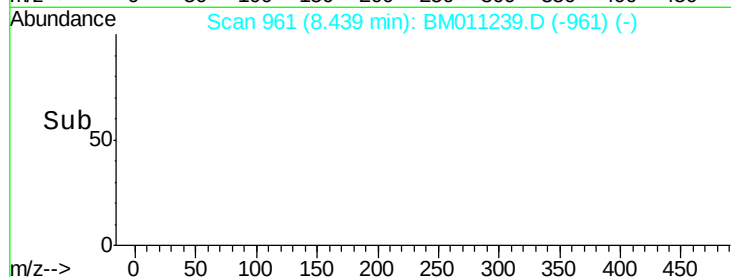
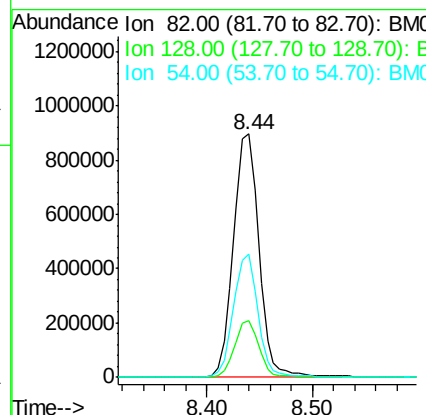
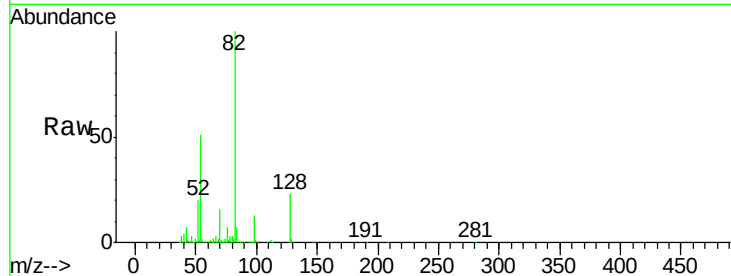




#23
 Nitrobenzene-d5
 Concen: 115.36 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.10 min
 Lab File: BM011239.D
 Acq: 15 Aug 2017 18:49

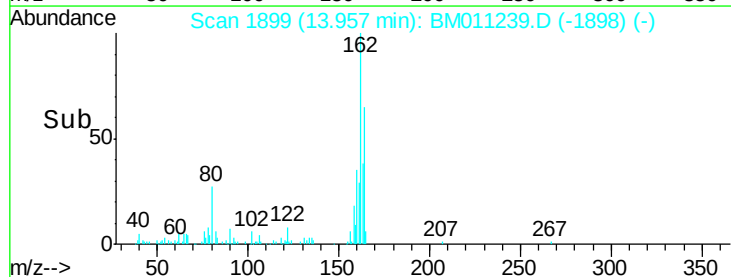
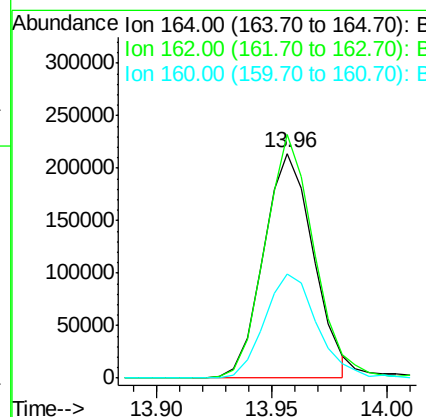
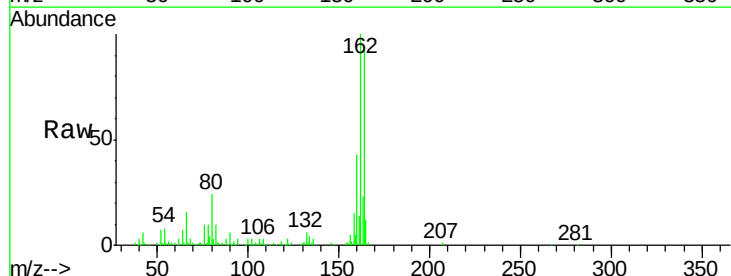
Instrument :
 BNA_M
 ClientSampleId :
 DRUMS-COMP

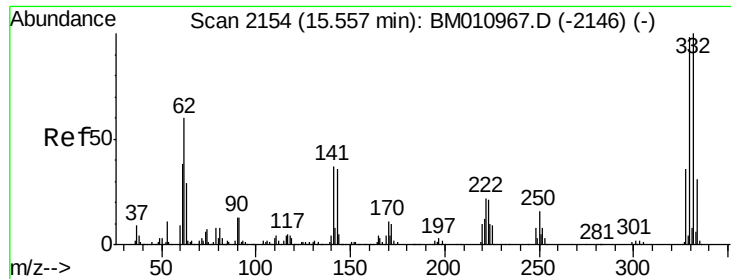
Tot Ion: 82 Resp: 1499328
 Ion Ratio Lower Upper
 82 100
 128 23.1 32.8 49.2#
 54 50.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. -0.09 min
 Lab File: BM011239.D
 Acq: 15 Aug 2017 18:49

Tgt Ion: 164 Resp: 320575
 Ion Ratio Lower Upper
 164 100
 162 108.3 82.4 123.6
 160 46.1 35.8 53.6

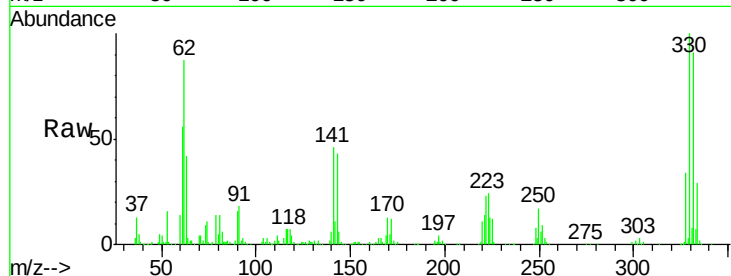




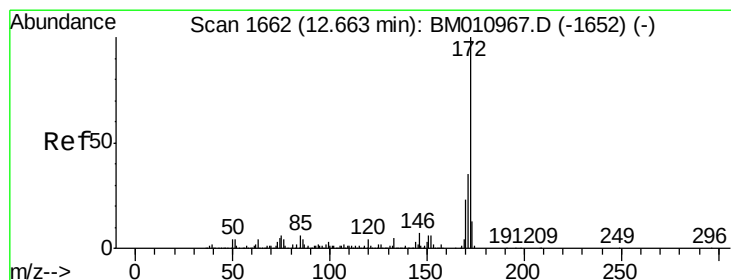
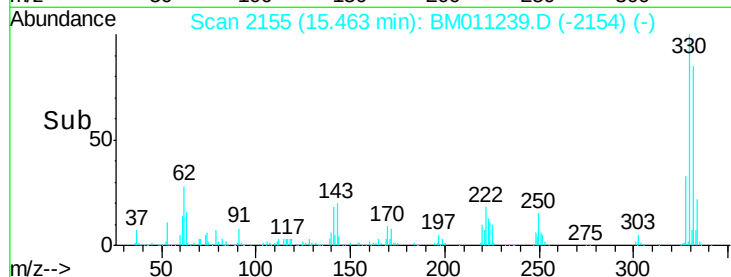
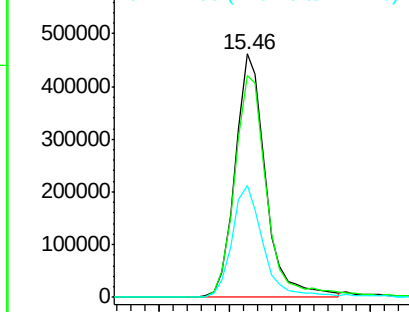
#41
 2,4,6-Tribromophenol
 Concen: 135.51 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.09 min
 Lab File: BM011239.D
 Acq: 15 Aug 2017 18:49

Instrument :
 BNA_M
 ClientSampleId :
 DRUMS-COMP

Tot Ion:330 Resp: 696285
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 46.5 0.0 0.0#

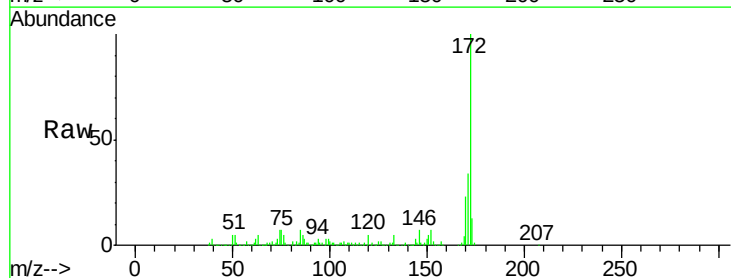


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

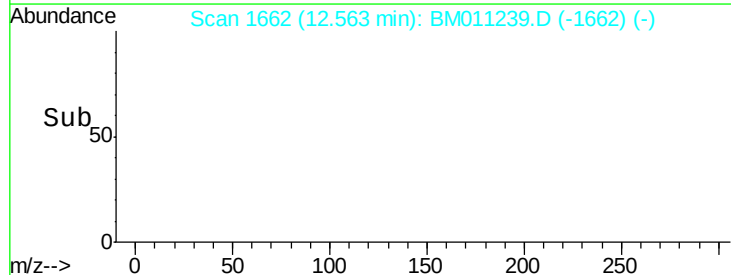
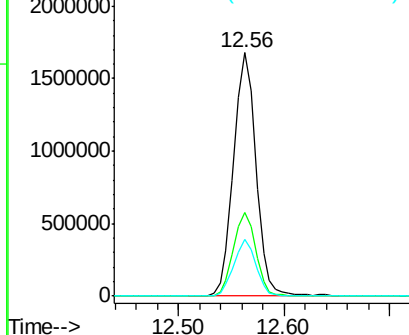


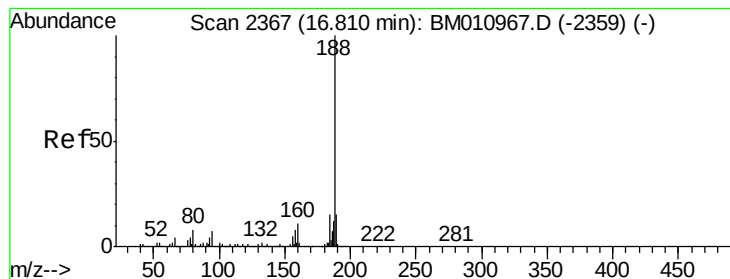
#44
 2-Fluorobiphenyl
 Concen: 96.50 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.10 min
 Lab File: BM011239.D
 Acq: 15 Aug 2017 18:49

Tgt Ion:172 Resp: 2466633
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 23.3 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: 20.00 ng

RT: 16.72 min Scan# 2368

Delta R.T. -0.09 min

Lab File: BM011239.D

Acq: 15 Aug 2017 18:49

Instrument :

BNA_M

ClientSampleId :

DRUMS-COMP

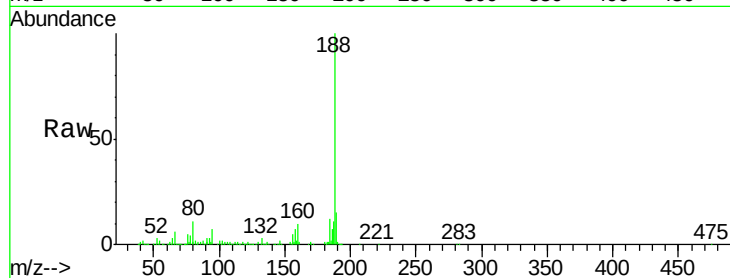
Tot Ion:188 Resp: 760366

Ion Ratio Lower Upper

188 100

94 6.5 8.7 13.1#

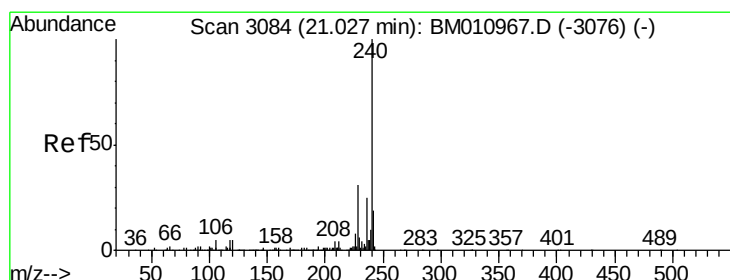
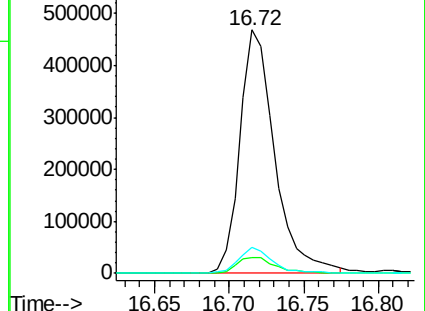
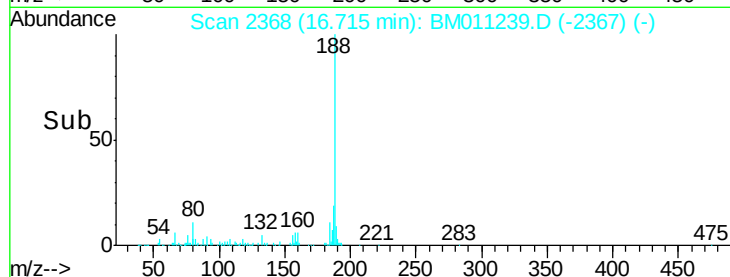
80 10.8 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.94 min Scan# 3087

Delta R.T. -0.08 min

Lab File: BM011239.D

Acq: 15 Aug 2017 18:49

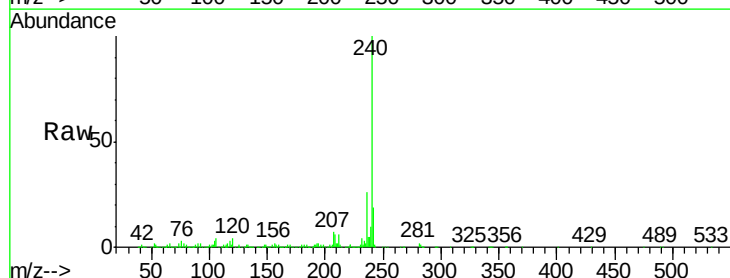
Tgt Ion:240 Resp: 807879

Ion Ratio Lower Upper

240 100

120 4.4 8.2 12.2#

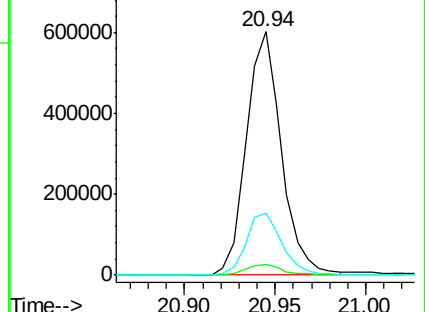
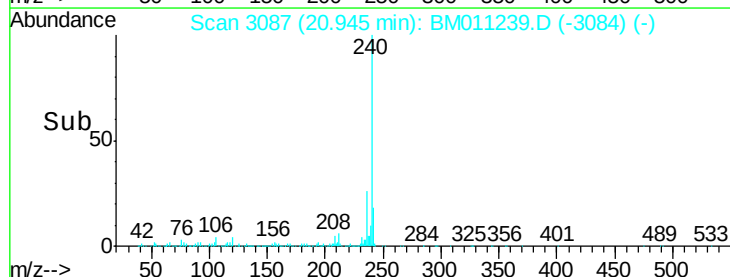
236 25.6 20.0 30.0

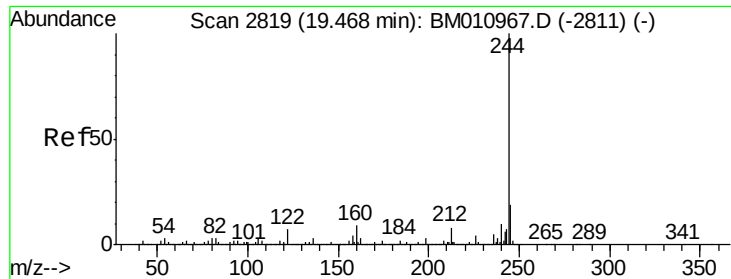


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.81 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.08 min

Lab File: BM011239.D

Acq: 15 Aug 2017 18:49

Instrument :

BNA_M

ClientSampleId :

DRUMS-COMP

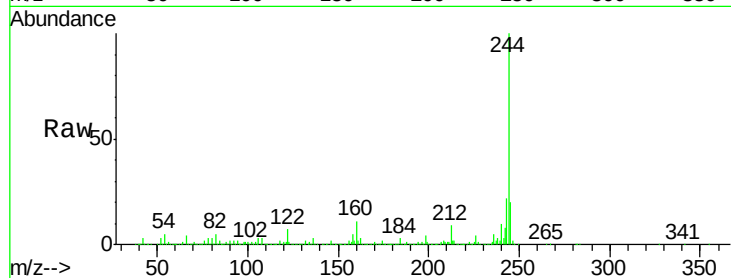
Tot Ion:244 Resp: 3785175

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

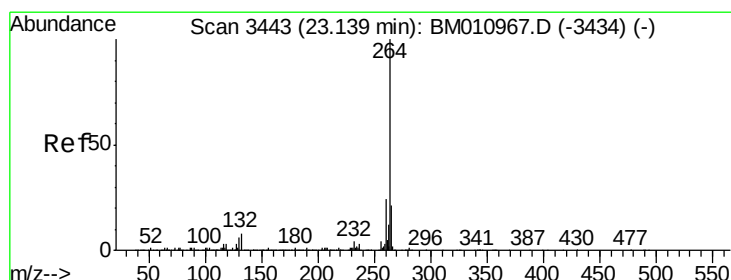
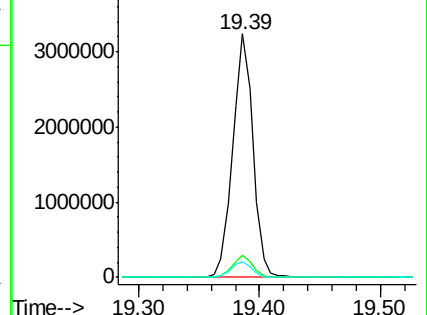
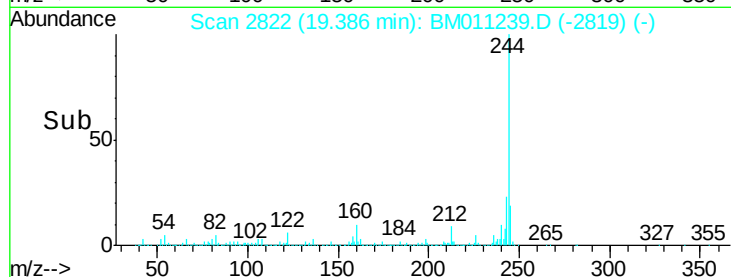
122 6.6 6.2 9.4



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: 20.00 ng

RT: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011239.D

Acq: 15 Aug 2017 18:49

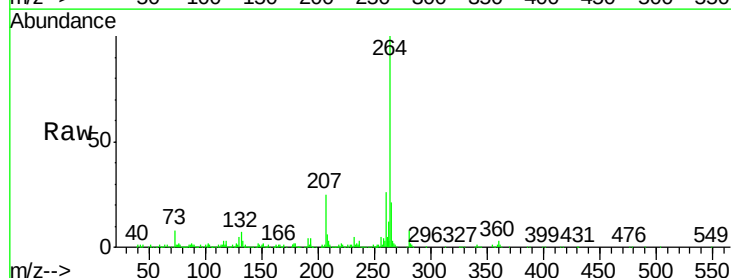
Tgt Ion:264 Resp: 750201

Ion Ratio Lower Upper

264 100

260 25.8 18.6 27.8

265 21.1 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

