

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 01:32:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 01:32:19 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	0.00
21) Naphthalene-d8	10.05	136	496054	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	330256	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	765754	20.00	ng	0.00
75) Chrysene-d12	20.94	240	820146	20.00	ng	0.00
86) Perylene-d12	23.02	264	750201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	1138176	134.40	ng	0.00
7) Phenol-d6	6.49	99	1502152	124.84	ng	0.00
23) Nitrobenzene-d5	8.44	82	1496016	113.19	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	704299	133.05	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	2463785	93.56	ng	0.00
78) Terphenyl-d14	19.39	244	3783409	91.38	ng	0.00

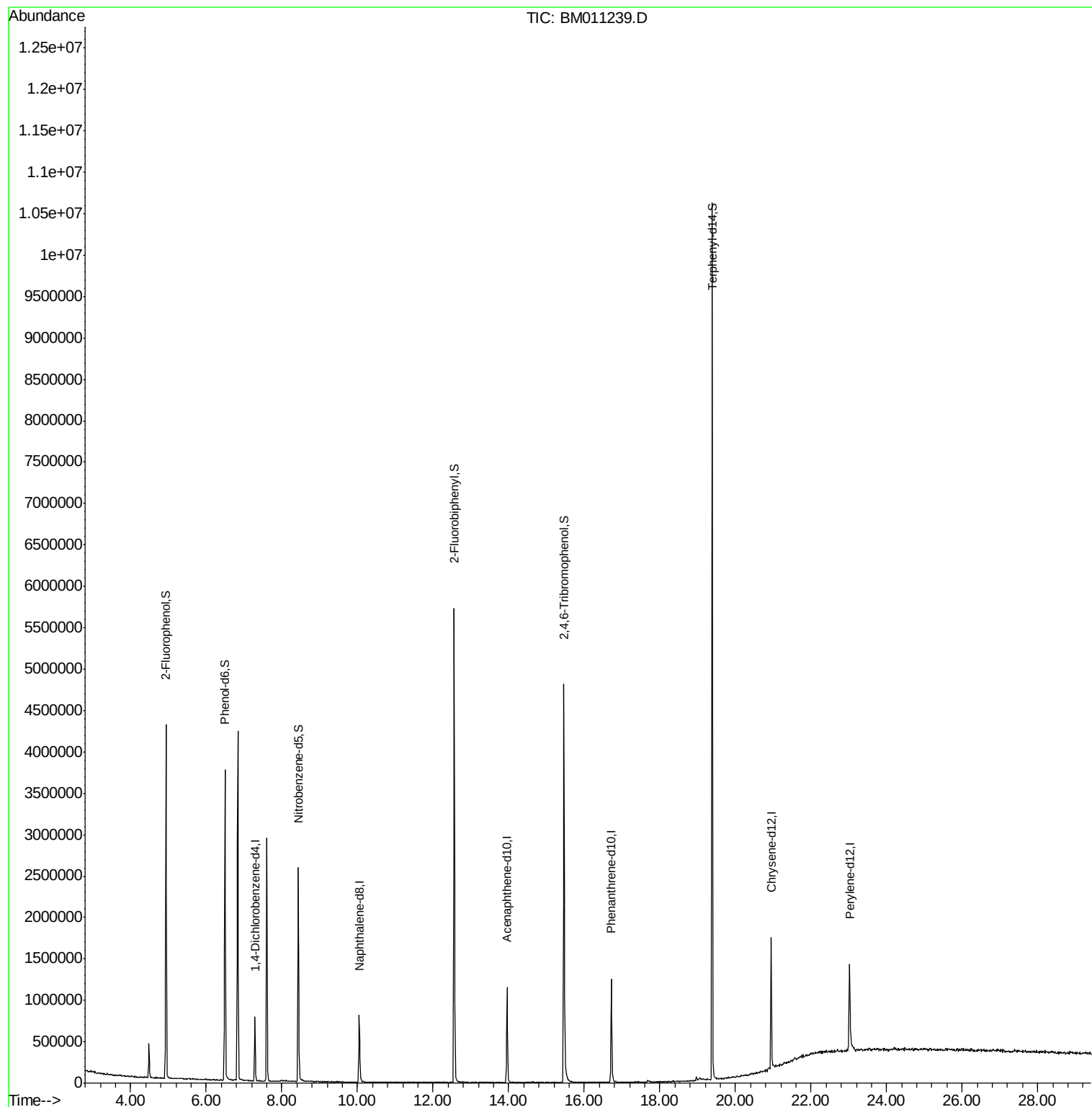
Target Compounds Qvalue

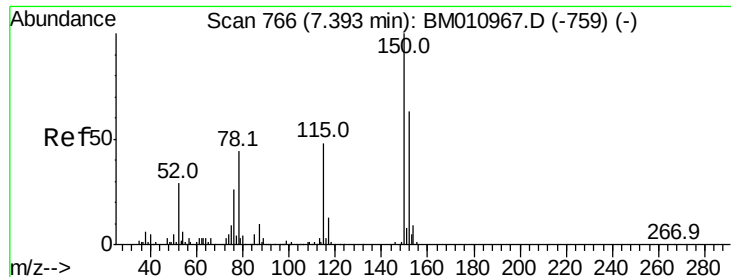
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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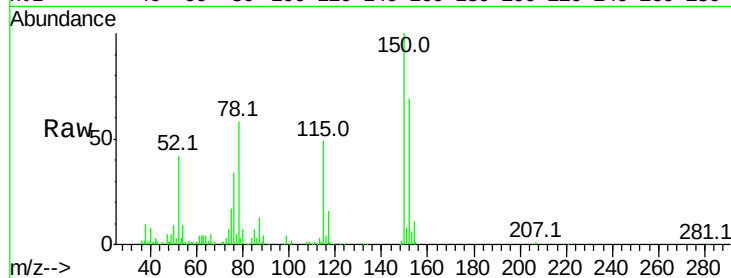


#1

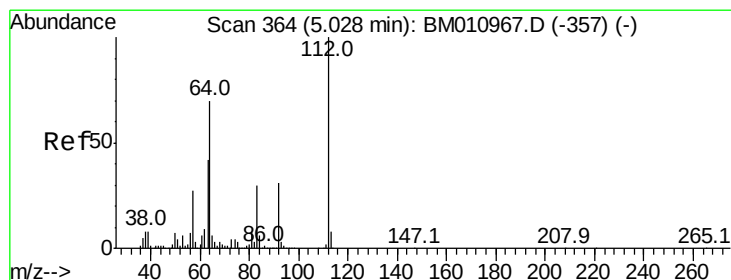
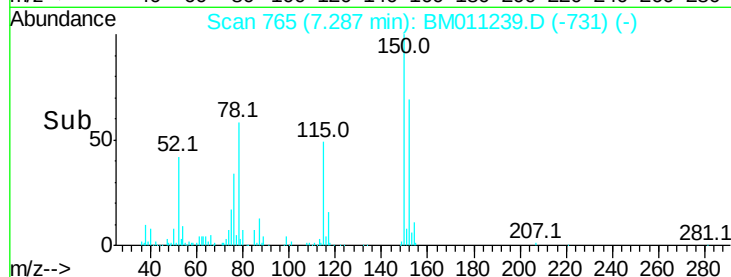
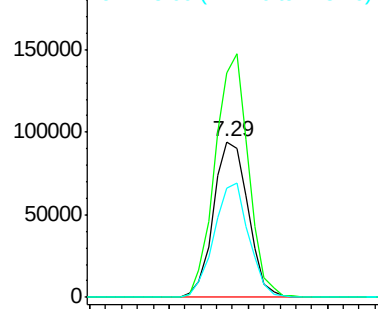
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 765
Delta R.T. 0.00 min
Lab File: BM011239.D
Acq: 15 Aug 2017 18:49

Instrument :
BNA_M
ClientSampleId :
DRUMS-COMP

Tot Ion:152 Resp: 143156
Ion Ratio Lower Upper
152 100
150 144.3 119.5 179.3
115 70.4 43.0 64.4#



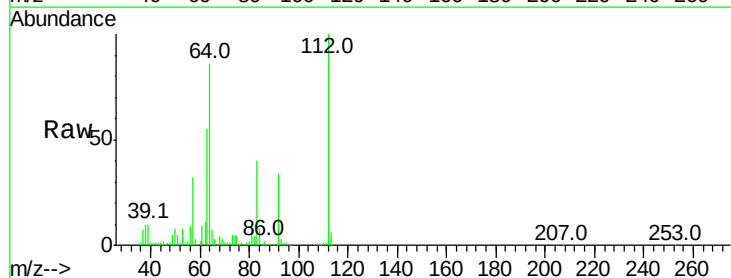
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



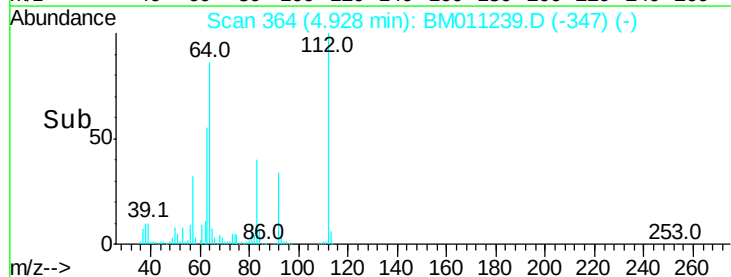
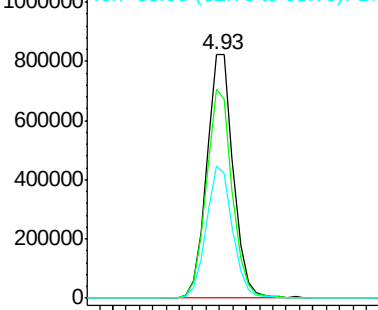
#5

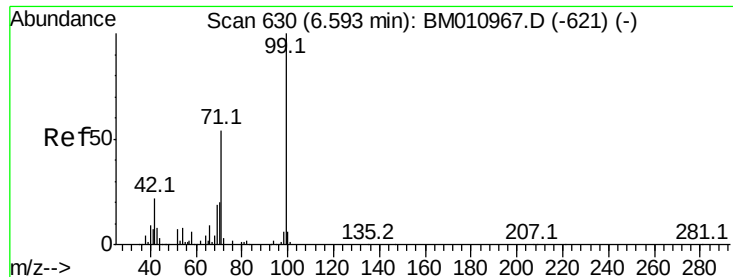
2-Fluorophenol
Concen: 134.400 ng
RT: 4.93 min Scan# 364
Delta R.T. 0.00 min
Lab File: BM011239.D
Acq: 15 Aug 2017 18:49

Tgt Ion:112 Resp: 1138176
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





#7

Phenol-d6

Concen: 124.843 ng

RT: 6.49 min Scan# 630

Delta R.T. 0.00 min

Lab File: BM011239.D

Acq: 15 Aug 2017 18:49

Instrument :

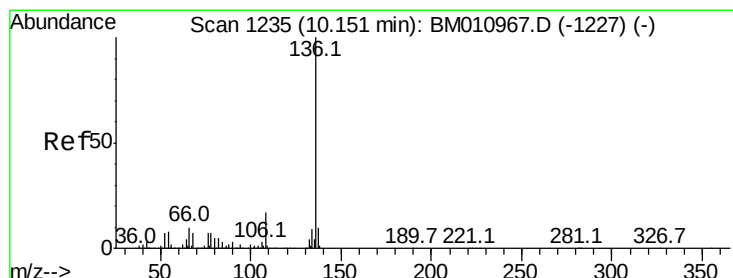
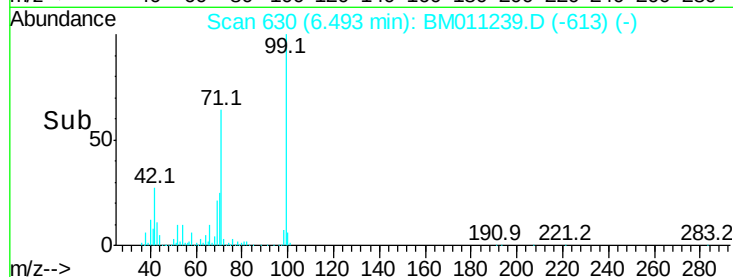
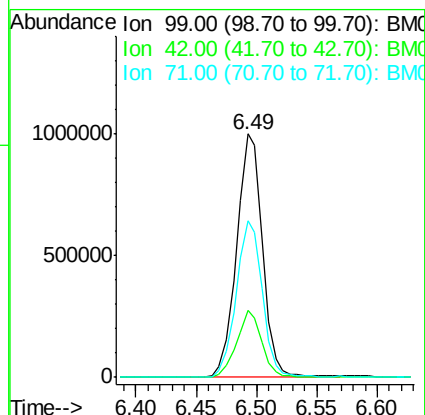
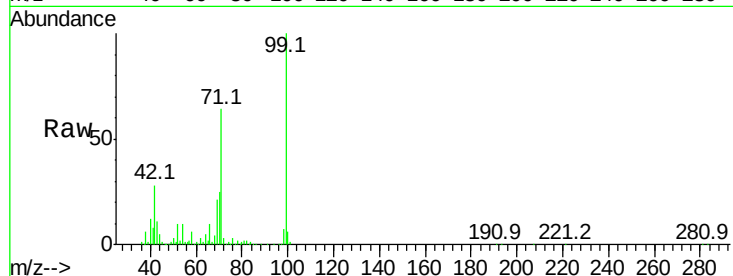
BNA_M

ClientSampleId :

DRUMS-COMP

Tot Ion: 99 Resp: 1502152

Ion	Ratio	Lower	Upper
99	100		
42	27.5	11.0	16.4#
71	64.4	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

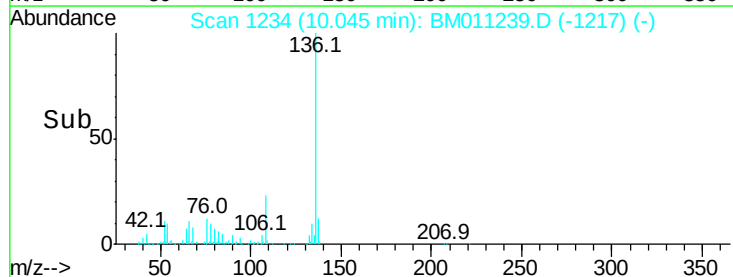
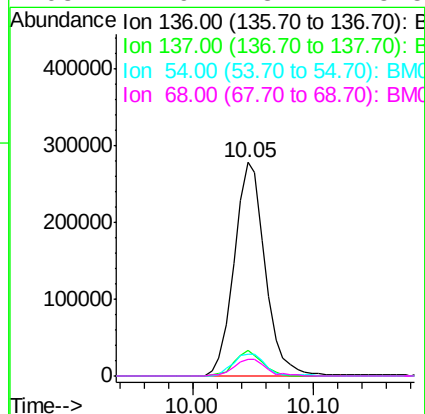
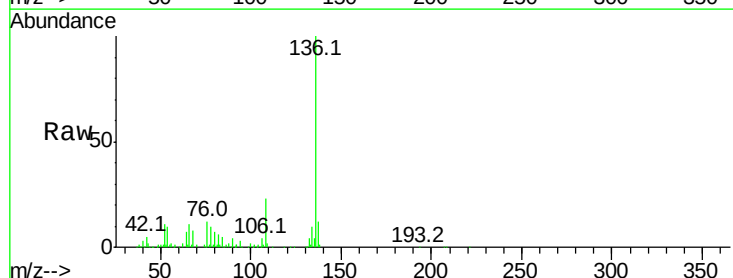
Delta R.T. 0.00 min

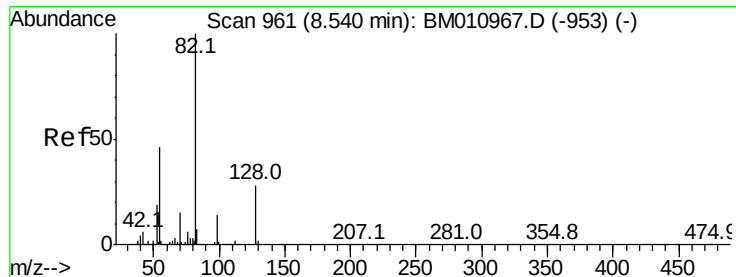
Lab File: BM011239.D

Acq: 15 Aug 2017 18:49

Tgt Ion: 136 Resp: 496054

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#





#23

Nitrobenzene-d5

Concen: 113.189 ng

RT: 8.44 min Scan# 961

Delta R.T. 0.00 min

Lab File: BM011239.D

Acq: 15 Aug 2017 18:49

Instrument :

BNA_M

ClientSampleId :

DRUMS-COMP

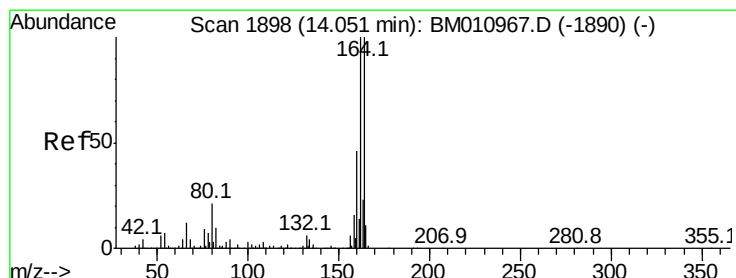
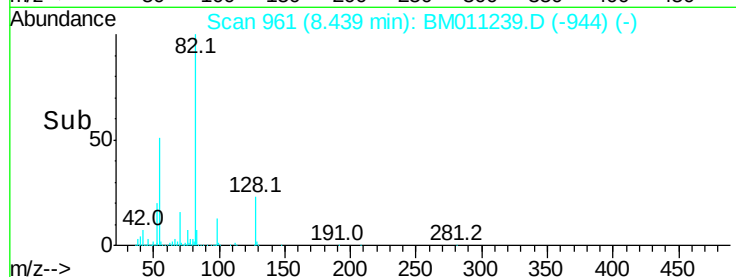
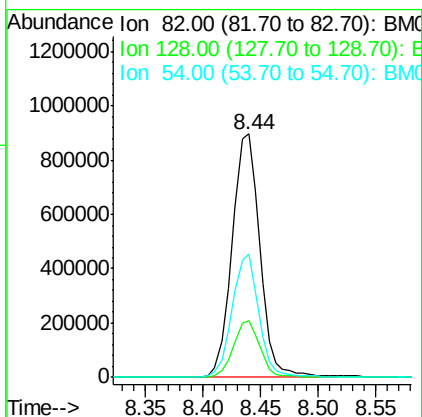
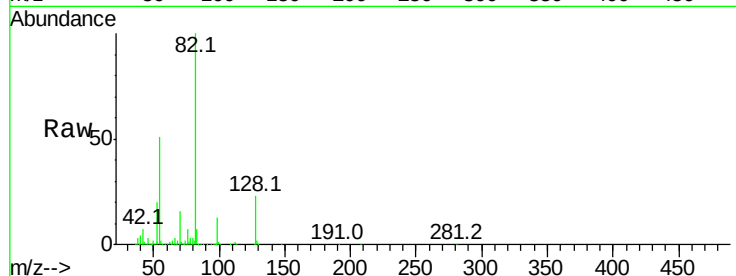
Tot Ion: 82 Resp: 1496016

Ion Ratio Lower Upper

82 100

128 23.1 32.8 49.2#

54 50.9 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM011239.D

Acq: 15 Aug 2017 18:49

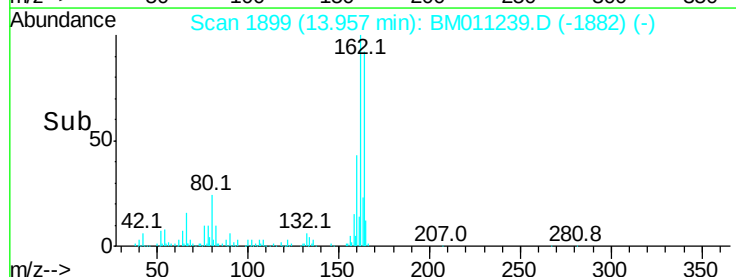
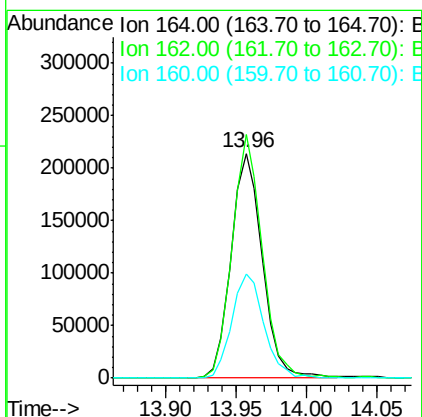
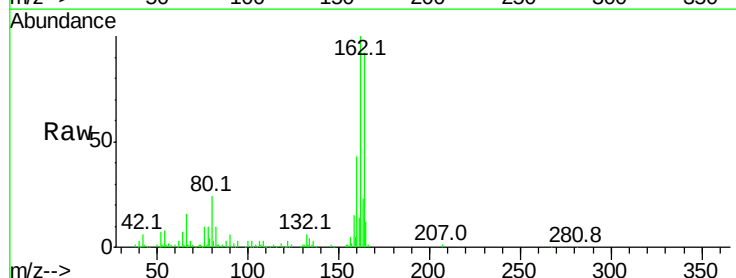
Tgt Ion:164 Resp: 330256

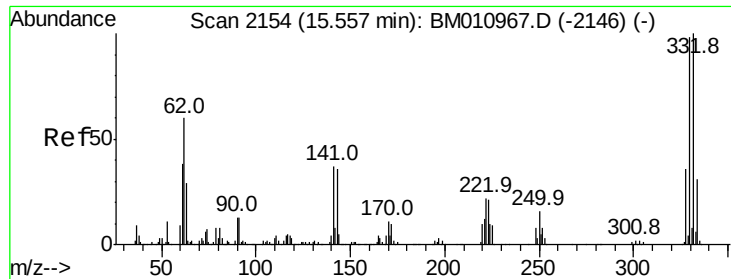
Ion Ratio Lower Upper

164 100

162 108.3 82.4 123.6

160 46.1 35.8 53.6

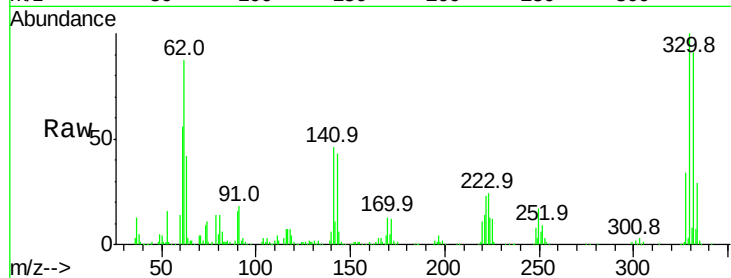




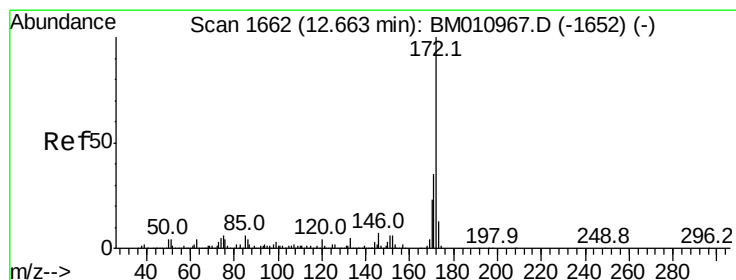
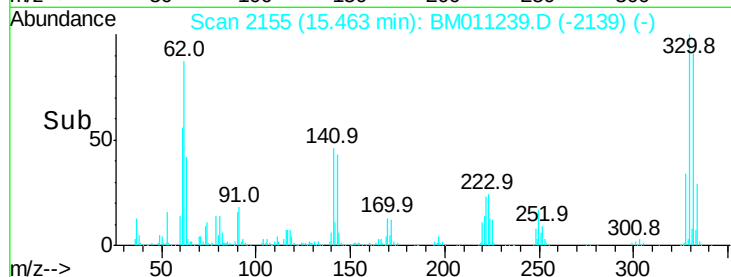
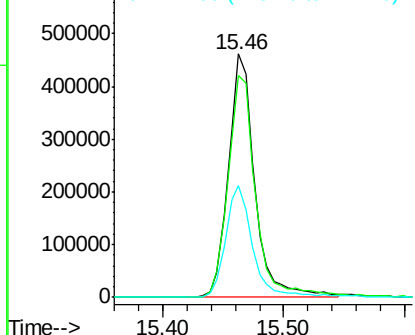
#41
 2,4,6-Tribromophenol
 Concen: 133.055 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM011239.D
 Acq: 15 Aug 2017 18:49

Instrument :
 BNA_M
 ClientSampleId :
 DRUMS-COMP

Tot Ion:330 Resp: 704299
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 46.4 0.0 0.0#

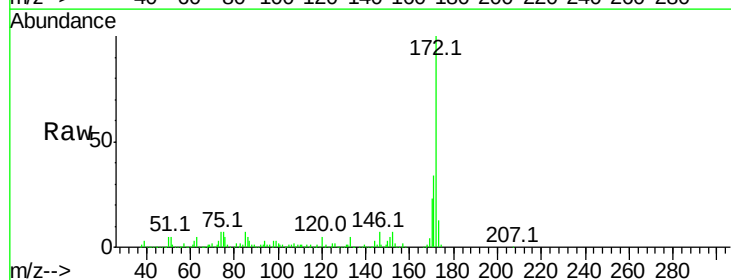


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

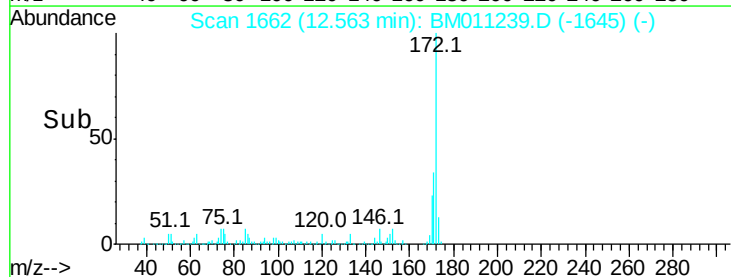
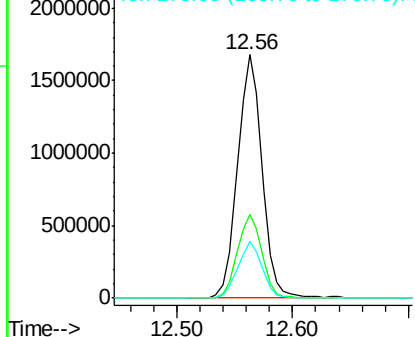


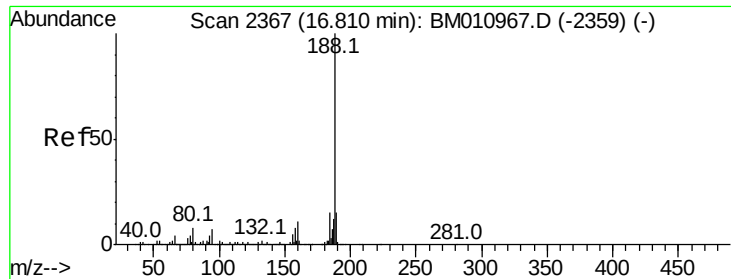
#44
 2-Fluorobiphenyl
 Concen: 93.561 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011239.D
 Acq: 15 Aug 2017 18:49

Tgt Ion:172 Resp: 2463785
 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

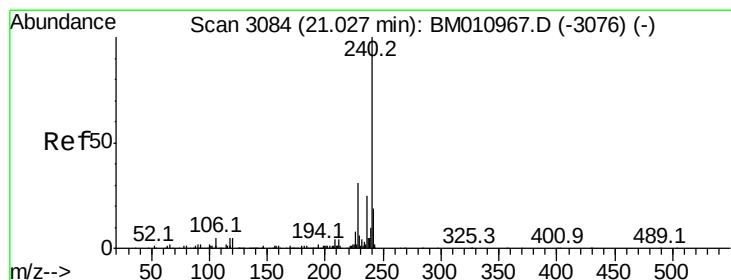
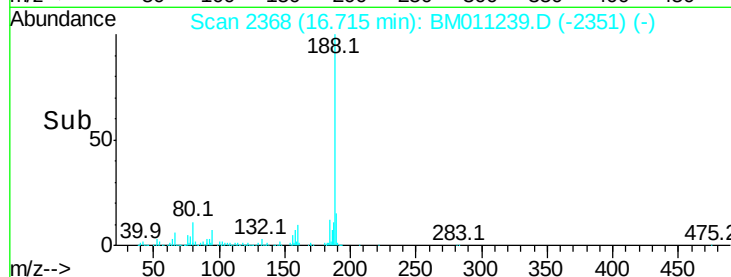
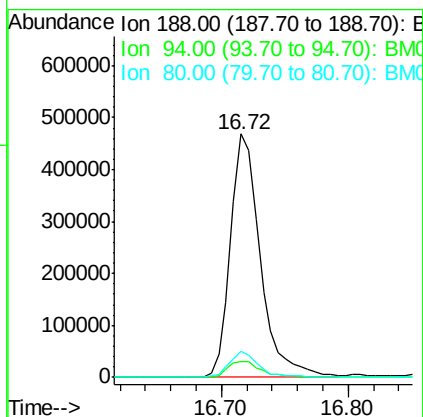
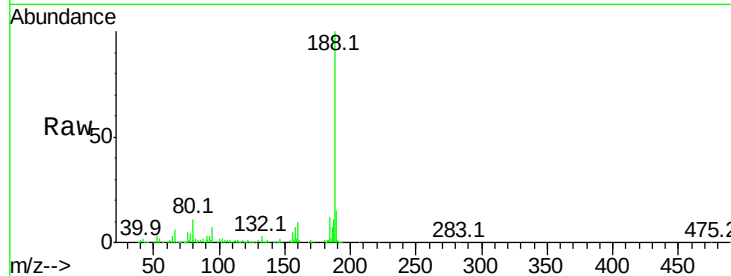




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM011239.D
Acq: 15 Aug 2017 18:49

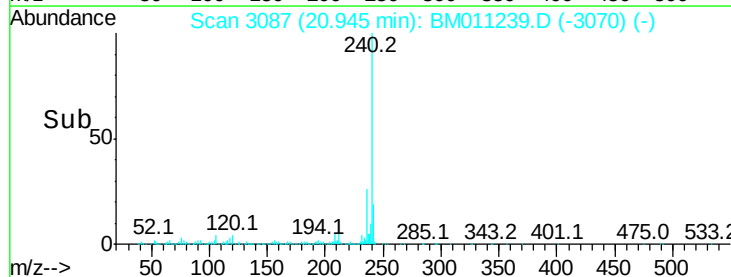
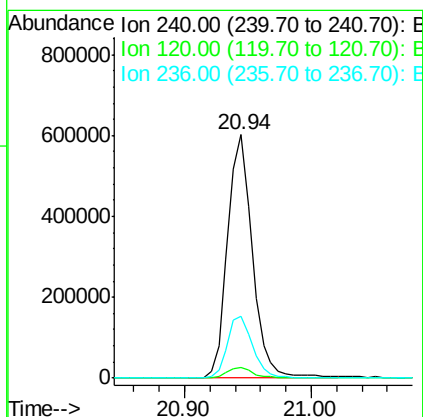
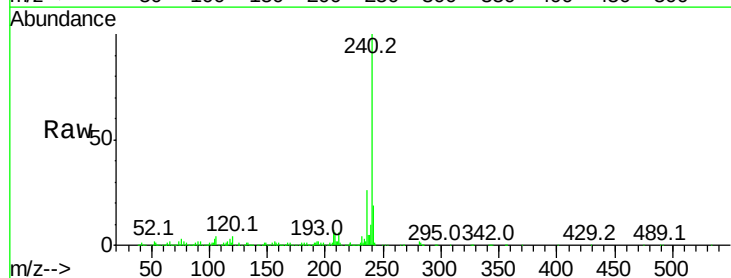
Instrument :
BNA_M
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DRUMS-COMP

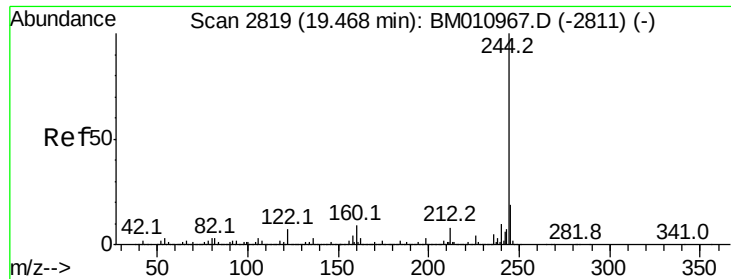
Tot Ion:188 Resp: 765754
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 10.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011239.D
Acq: 15 Aug 2017 18:49

Tgt Ion:240 Resp: 820146
Ion Ratio Lower Upper
240 100
120 4.4 8.2 12.2#
236 25.6 20.0 30.0



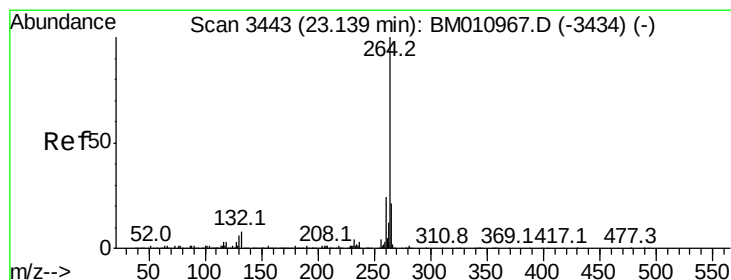
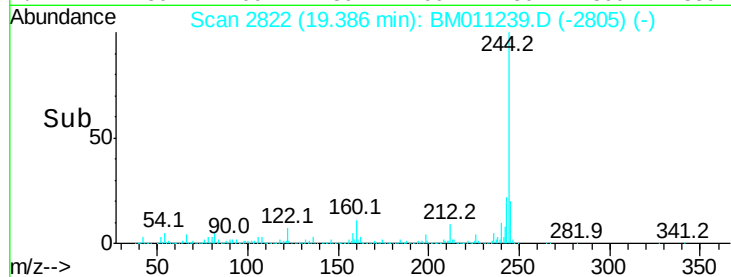
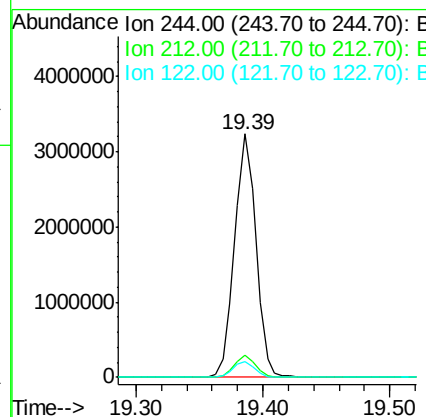
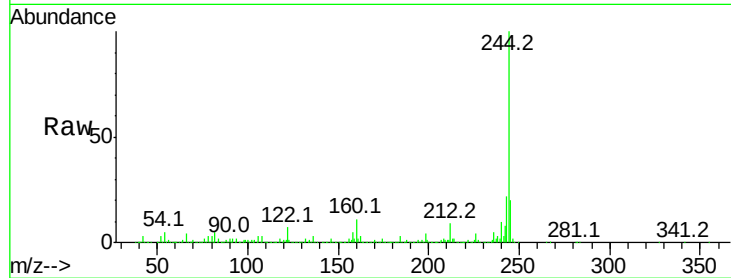


#78
 Terphenyl-d14
 Concen: 91.379 ng
 RT: 19.39 min Scan# 2822
 Delta R.T. 0.00 min
 Lab File: BM011239.D
 Acq: 15 Aug 2017 18:49

Instrument :
 BNA_M
 ClientSampleId :
 DRUMS-COMP

Tot Ion:244 Resp: 3783409

Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	6.6	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. 0.00 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

