

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011033.D
 Acq On : 28 Jul 2017 09:36
 Operator : SJ/JU
 Sample : I4424-03RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-072417-ARE

Quant Time: Jul 28 14:58:09 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	179443	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	635732	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	256150	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	763165	20.00	ng	0.00
75) Chrysene-d12	21.02	240	574866	20.00	ng	0.00
86) Perylene-d12	23.13	264	22027	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1505240	141.80	ng	0.00
7) Phenol-d6	6.59	99	1710829	113.43	ng	0.00
23) Nitrobenzene-d5	8.53	82	1670370	98.61	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	765390	186.43	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2899073	141.94	ng	-0.01
78) Terphenyl-d14	19.46	244	3806093	131.15	ng	0.00

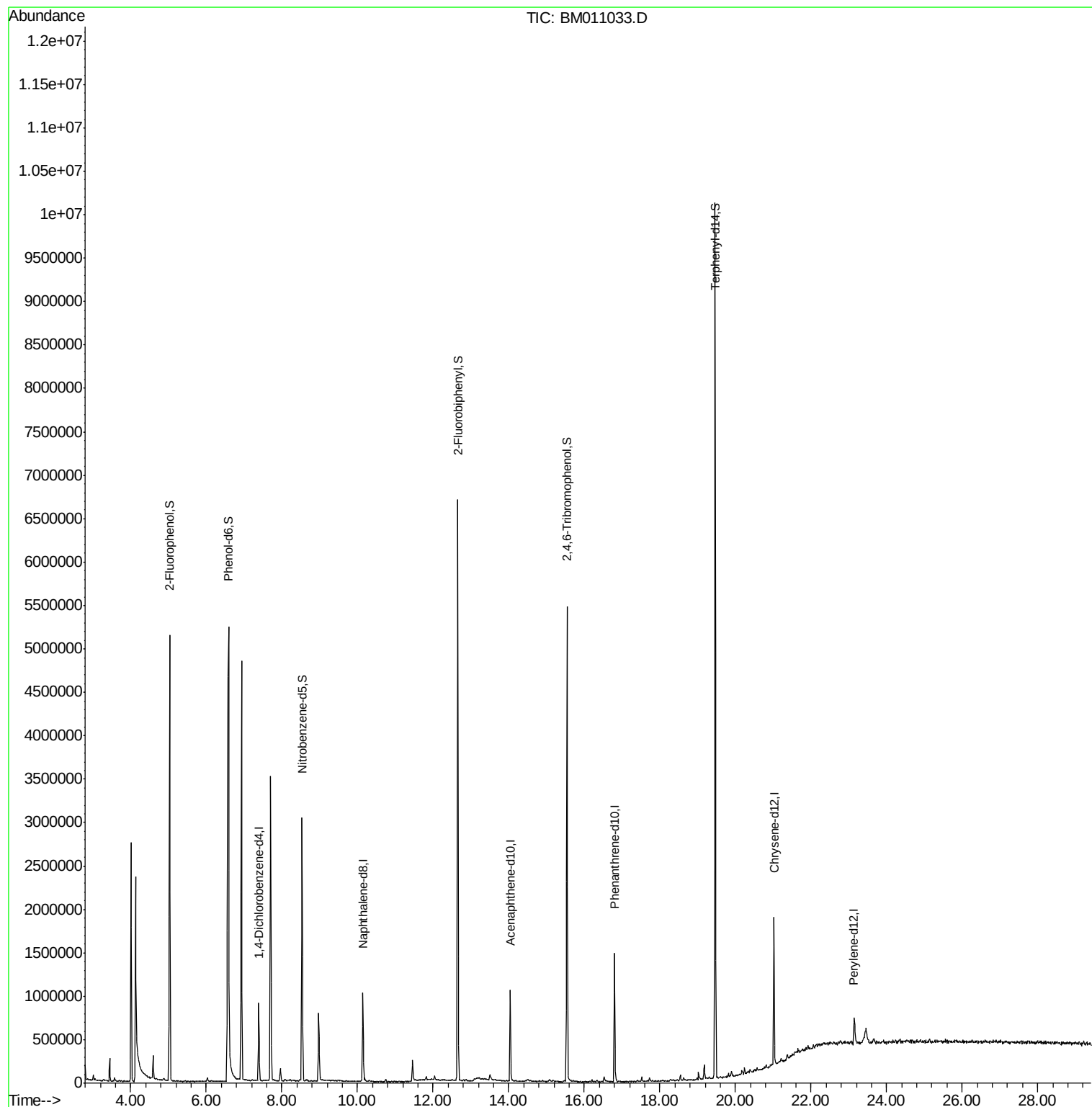
Target Compounds	Qvalue
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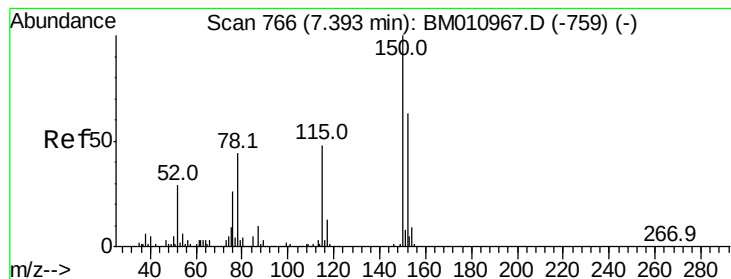
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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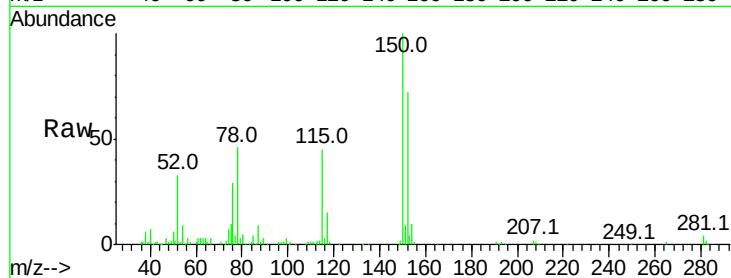


#1

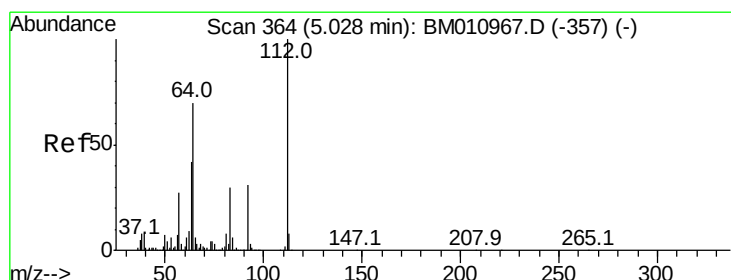
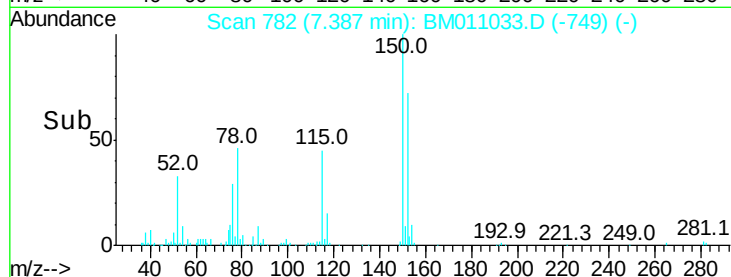
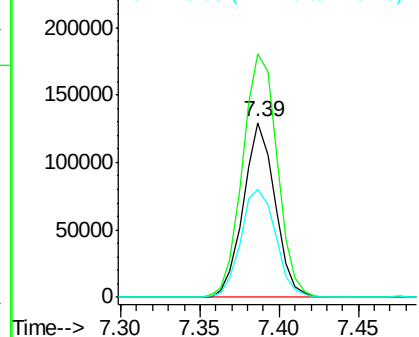
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011033.D
Acq: 28 Jul 2017 09:36

Instrument :
BNA_M
ClientSampleId :
AU-06-072417-ARE

Tot Ion:152 Resp: 179443
Ion Ratio Lower Upper
152 100
150 139.1 119.5 179.3
115 61.9 43.0 64.4



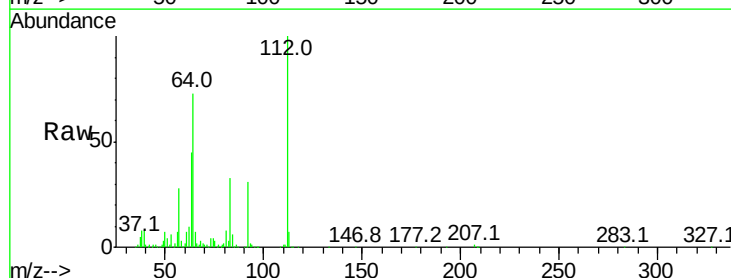
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



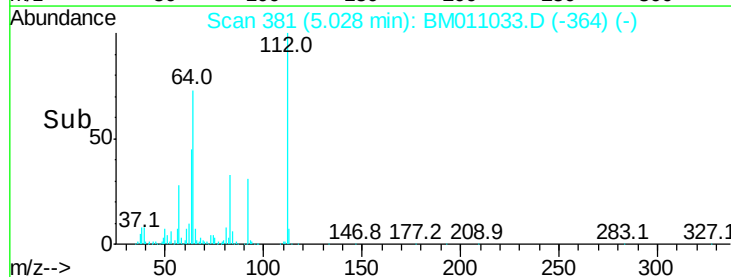
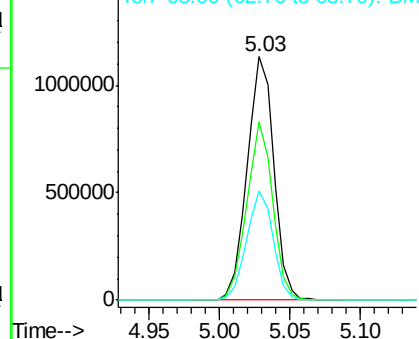
#5

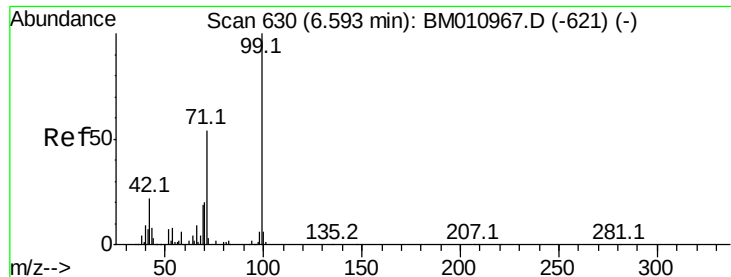
2-Fluorophenol
Concen: 141.801 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011033.D
Acq: 28 Jul 2017 09:36

Tgt Ion:112 Resp: 1505240
Ion Ratio Lower Upper
112 100
64 73.3 38.6 57.8#
63 45.0 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: 113.434 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011033.D

Acq: 28 Jul 2017 09:36

Instrument :

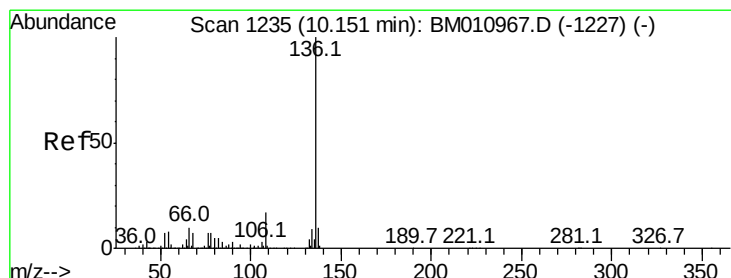
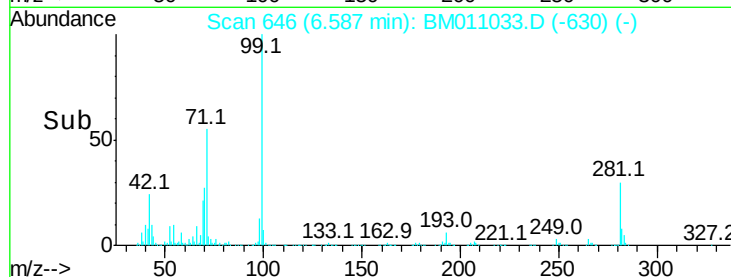
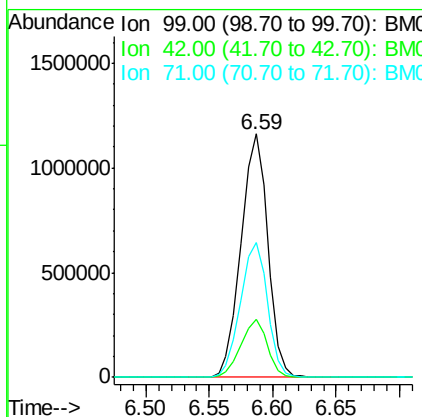
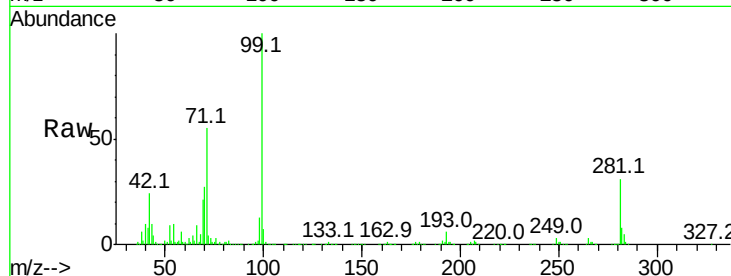
BNA_M

ClientSampleId :

AU-06-072417-ARE

Tot Ion: 99 Resp: 1710829

Ion	Ratio	Lower	Upper
99	100		
42	24.0	11.0	16.4#
71	55.2	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

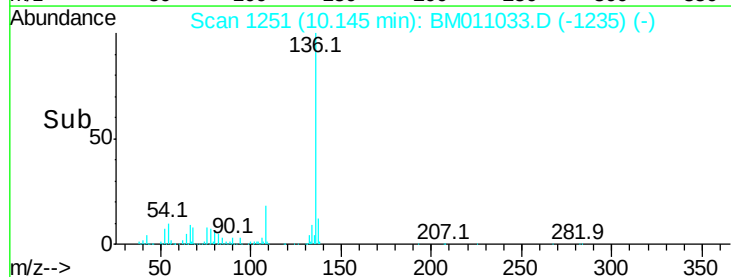
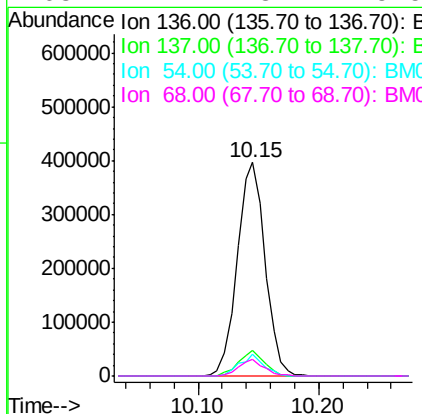
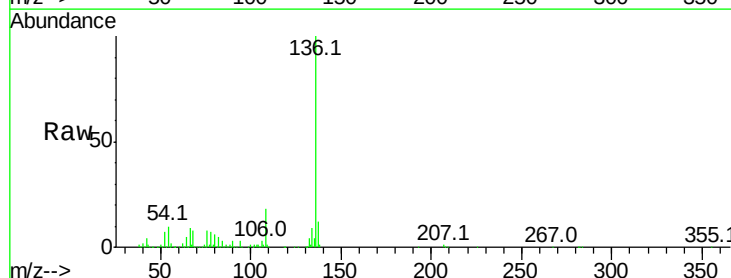
Delta R.T. -0.01 min

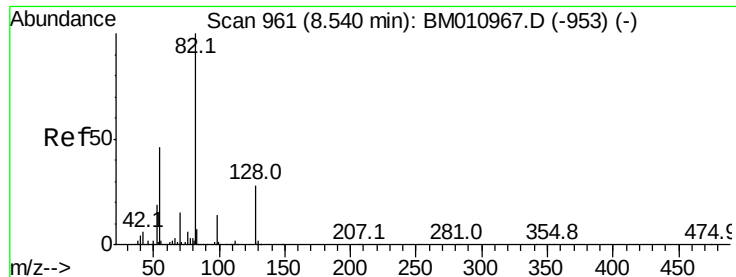
Lab File: BM011033.D

Acq: 28 Jul 2017 09:36

Tgt Ion: 136 Resp: 635732

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.7	13.1
54	10.0	4.6	6.8#
68	7.7	3.7	5.5#

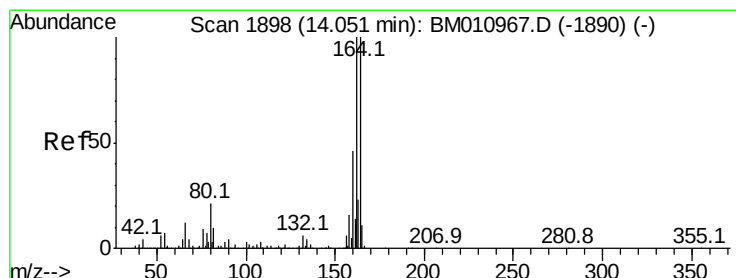
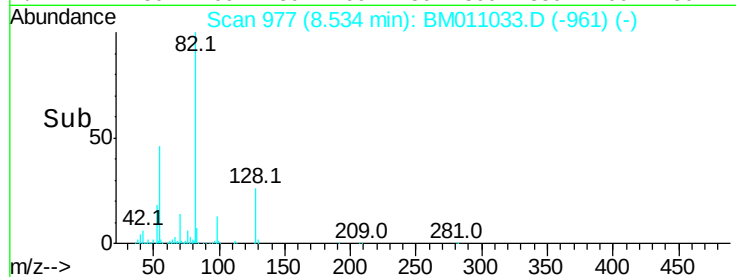
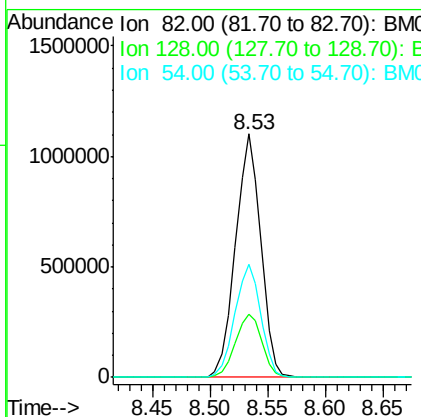
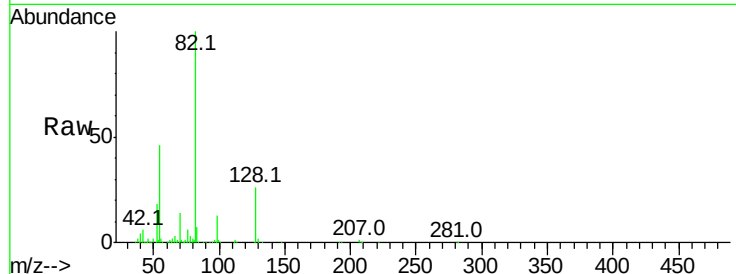




#23
 Nitrobenzene-d5
 Concen: 98.613 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011033.D
 Acq: 28 Jul 2017 09:36

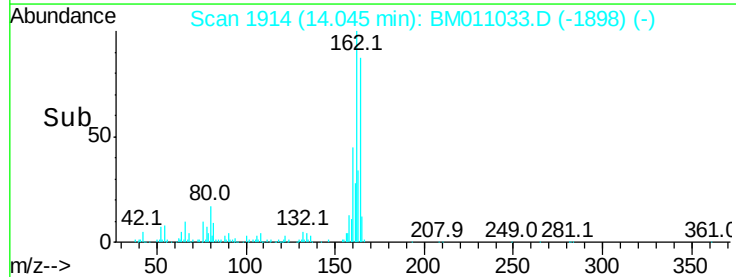
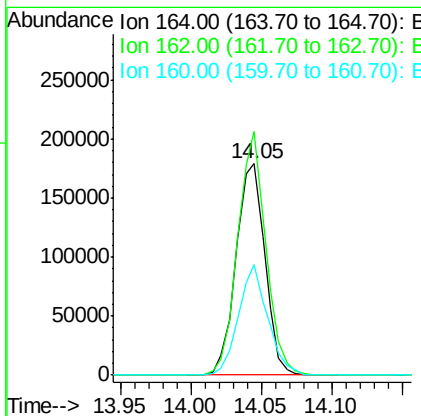
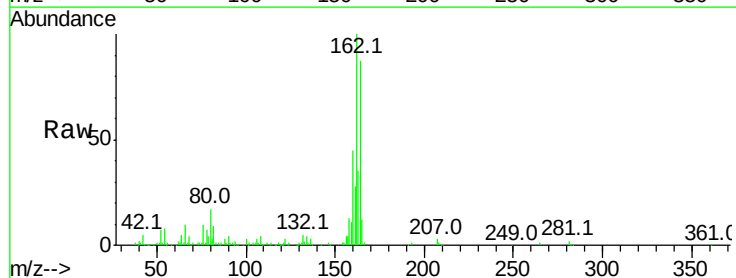
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-072417-ARE

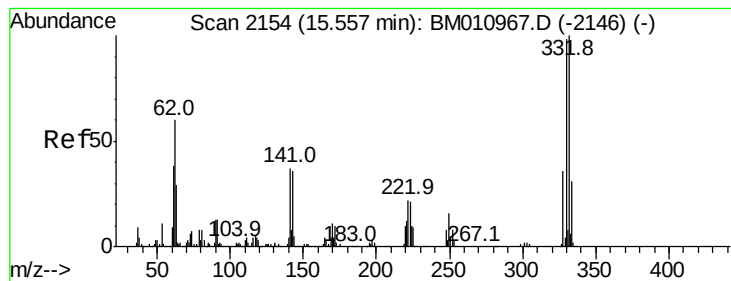
Tot Ion: 82 Resp: 1670370
 Ion Ratio Lower Upper
 82 100
 128 26.1 32.8 49.2#
 54 46.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.05 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM011033.D
 Acq: 28 Jul 2017 09:36

Tgt Ion:164 Resp: 256150
 Ion Ratio Lower Upper
 164 100
 162 115.2 82.4 123.6
 160 52.2 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 186.428 ng

RT: 15.54 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM011033.D

Acq: 28 Jul 2017 09:36

Instrument :

BNA_M

ClientSampleId :

AU-06-072417-ARE

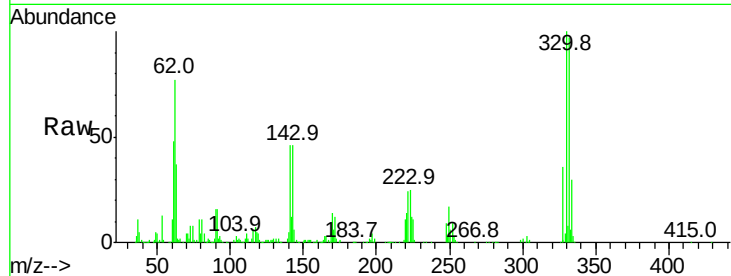
Tot Ion:330 Resp: 765390

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

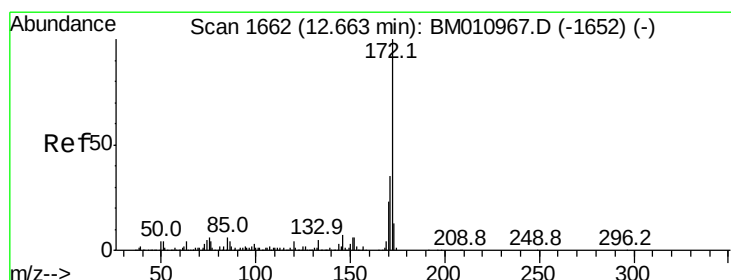
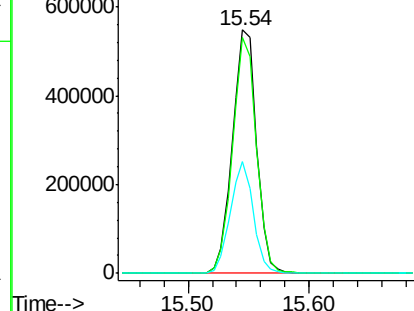
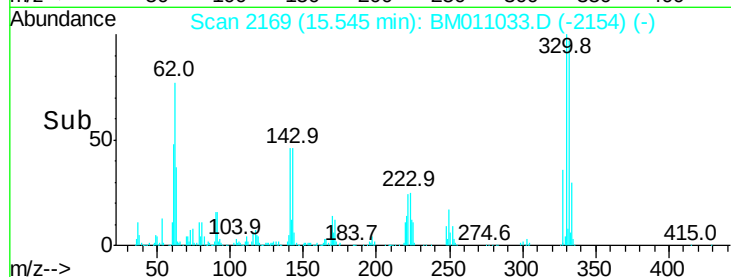
141 43.5 0.0 0.0#



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: 141.942 ng

RT: 12.65 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BM011033.D

Acq: 28 Jul 2017 09:36

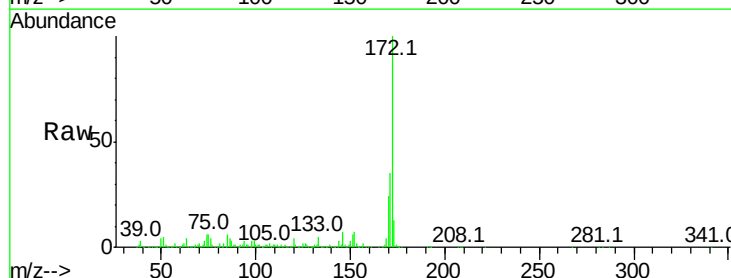
Tgt Ion:172 Resp: 2899073

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

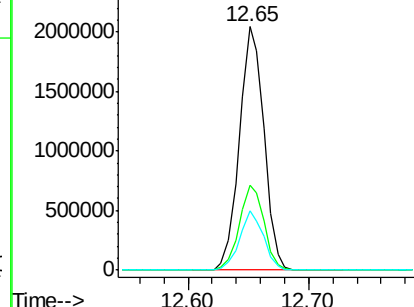
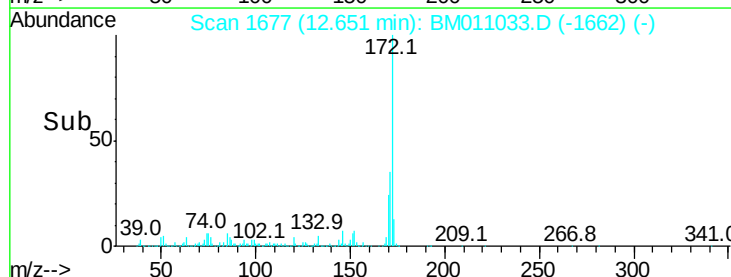
170 24.4 18.8 28.2

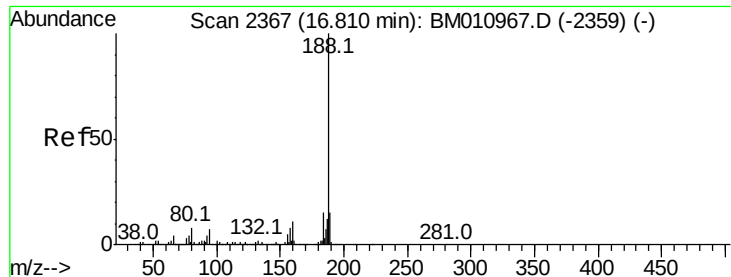


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2383

Delta R.T. -0.01 min

Lab File: BM011033.D

Acq: 28 Jul 2017 09:36

Instrument :

BNA_M

ClientSampleId :

AU-06-072417-ARE

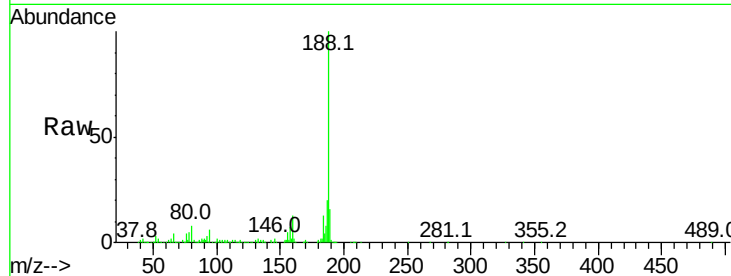
Tot Ion:188 Resp: 763165

Ion Ratio Lower Upper

188 100

94 6.1 8.7 13.1#

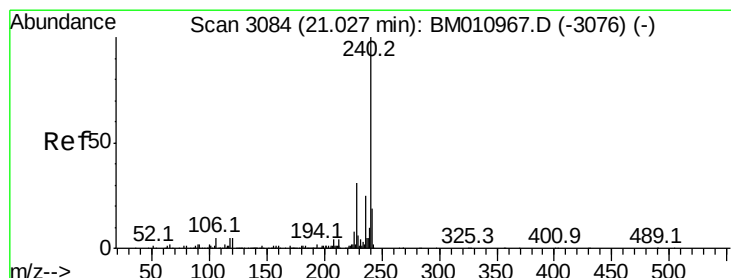
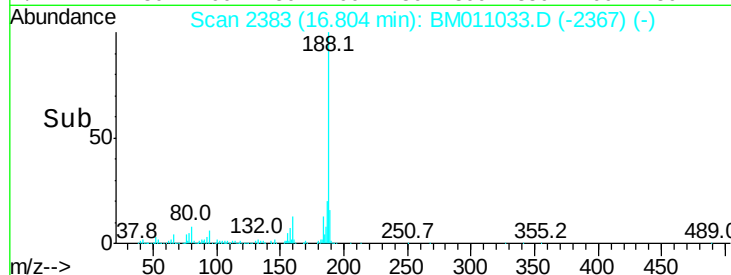
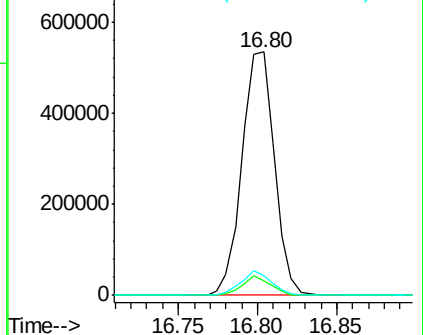
80 8.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011033.D

Acq: 28 Jul 2017 09:36

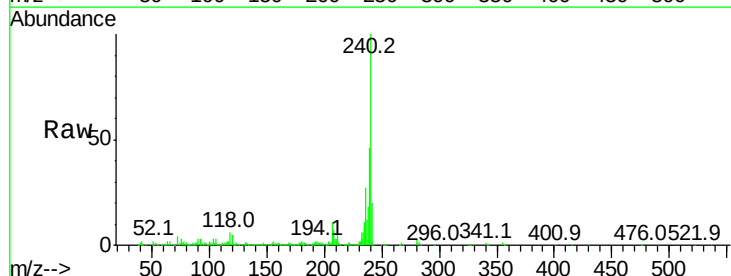
Tgt Ion:240 Resp: 574866

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

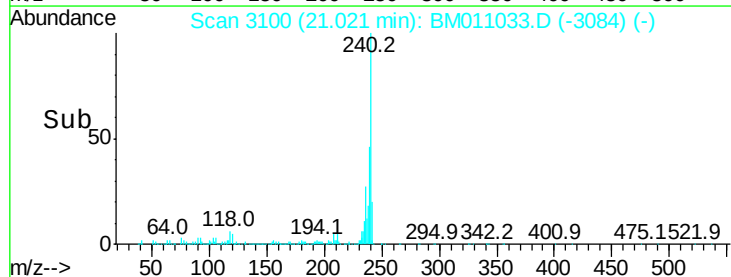
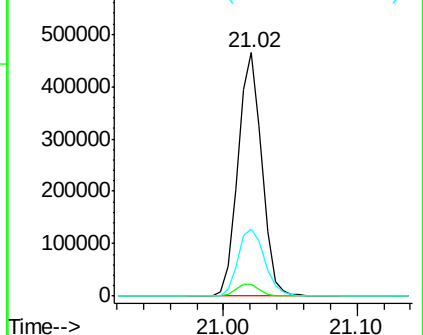
236 27.5 20.0 30.0

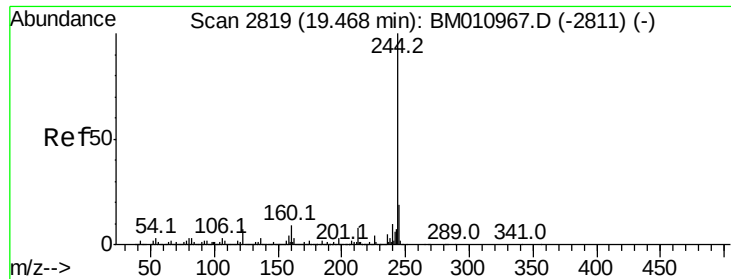


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 131.150 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011033.D

Acq: 28 Jul 2017 09:36

Instrument :

BNA_M

ClientSampleId :

AU-06-072417-ARE

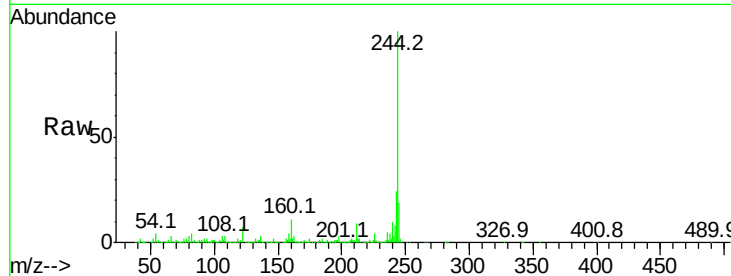
Tot Ion:244 Resp: 3806093

Ion Ratio Lower Upper

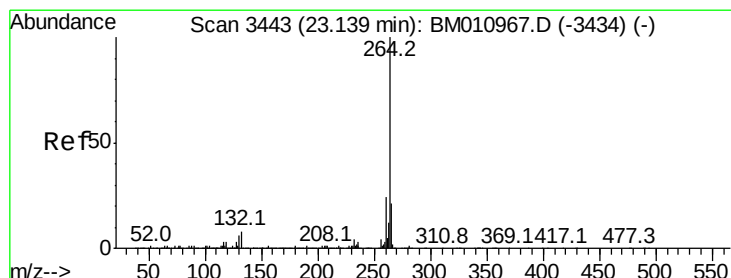
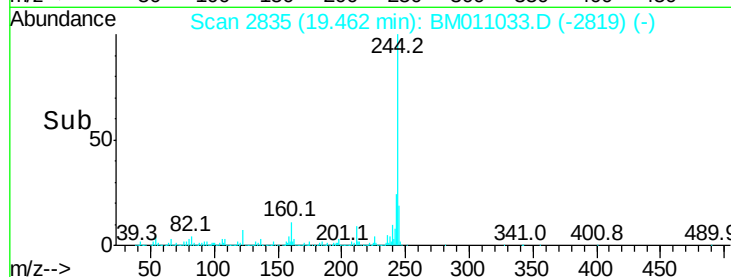
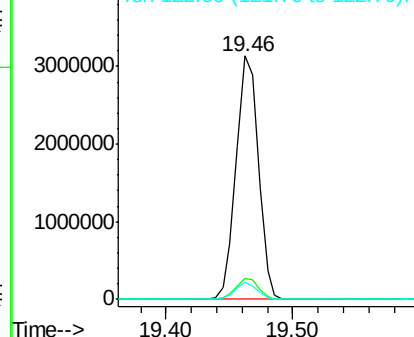
244 100

212 8.6 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# 3458

Delta R.T. -0.01 min

Lab File: BM011033.D

Acq: 28 Jul 2017 09:36

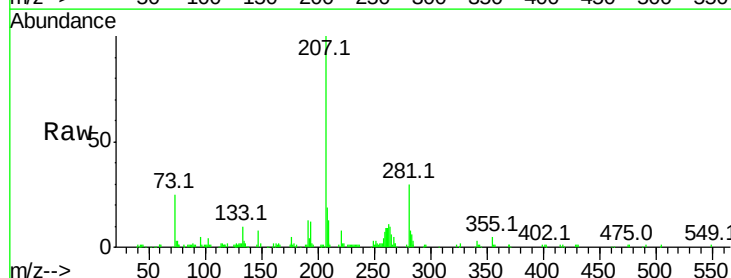
Tgt Ion:264 Resp: 22027

Ion Ratio Lower Upper

264 100

260 90.0 18.6 27.8#

265 59.0 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

