

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
 Data File : BM011233.D
 Acq On : 14 Aug 2017 17:01
 Operator : SJ/JU
 Sample : I4705-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-A-COMP

Quant Time: Aug 15 07:24:17 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	131838	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	439542	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	282199	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	702150	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	788888	20.00	ng	-0.08
86) Perylene-d12	23.03	264	388424	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	1121317	143.78	ng	-0.09
7) Phenol-d6	6.50	99	1455583	131.36	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1414216	120.76	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	621315	137.37	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	2262233	100.54	ng	-0.10
78) Terphenyl-d14	19.39	244	3568860	89.61	ng	-0.08

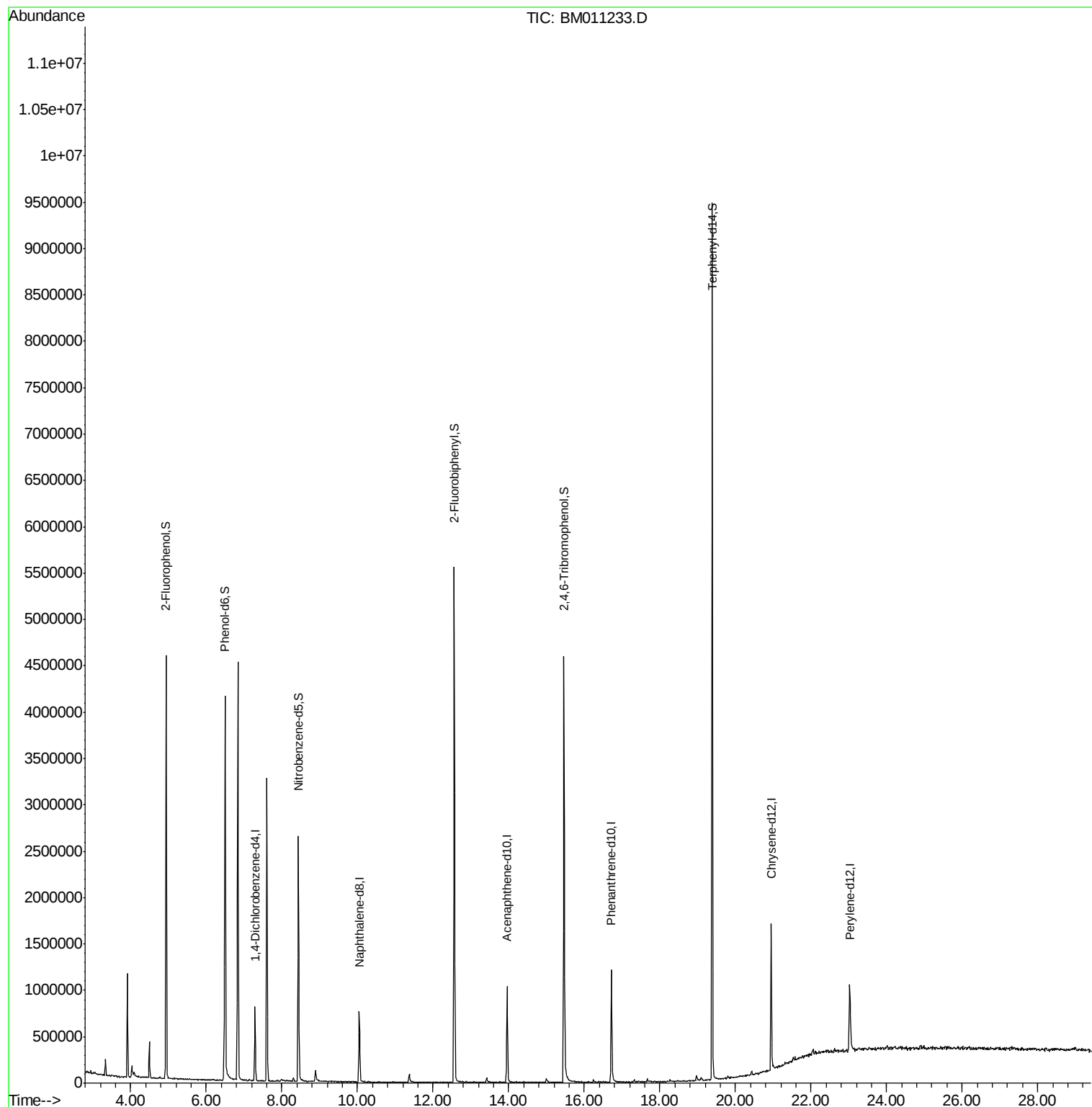
Target Compounds	Qvalue
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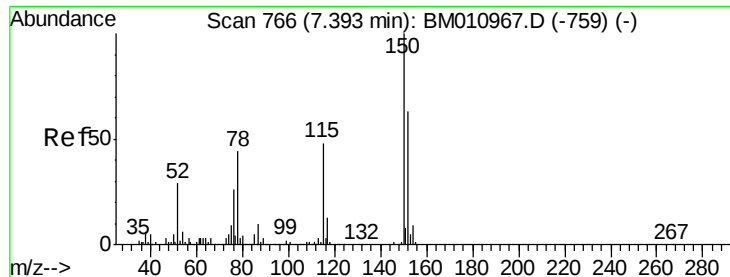
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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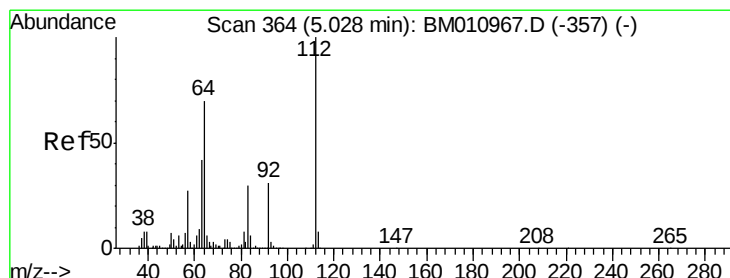
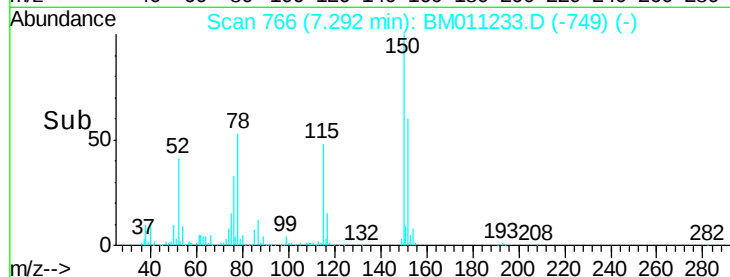
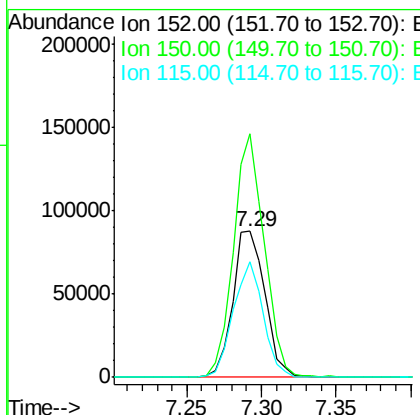
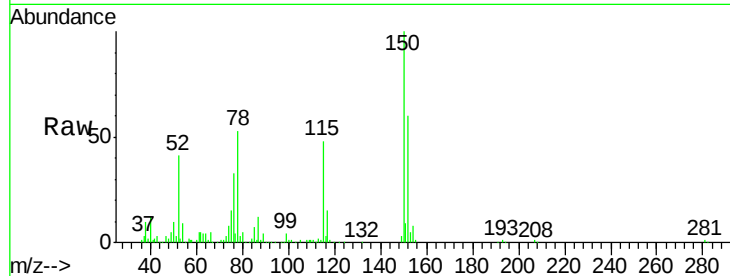


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011233.D
Acq: 14 Aug 2017 17:01

Instrument :
BNA_M
ClientSampleId :
SP-A-COMP

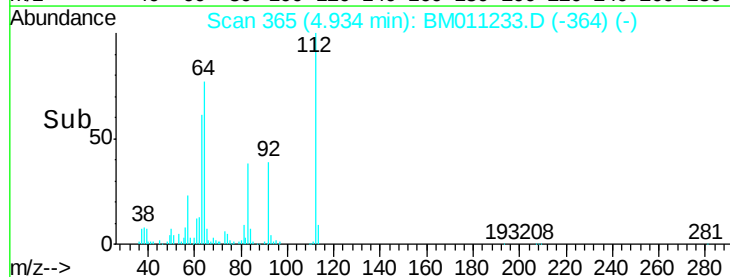
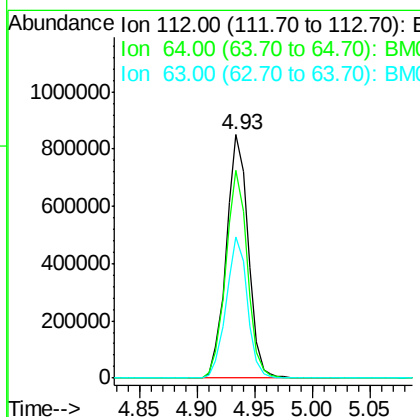
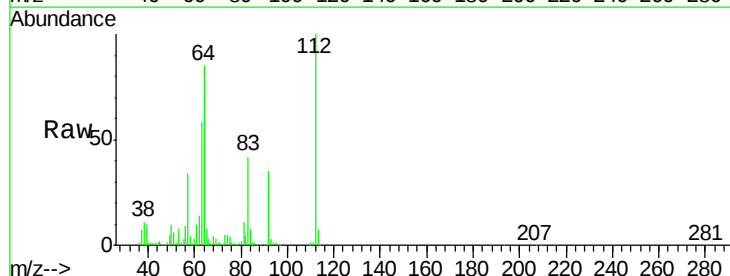
Tgt Ion:152 Resp: 131838
Ion Ratio Lower Upper
152 100
150 167.0 119.5 179.3
115 79.4 43.0 64.4#

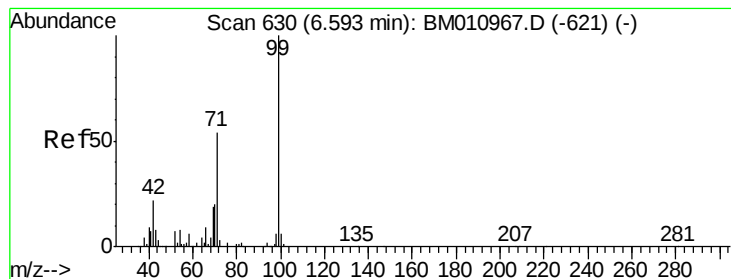


#5

2-Fluorophenol
Concen: 143.776 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011233.D
Acq: 14 Aug 2017 17:01

Tgt Ion:112 Resp: 1121317
Ion Ratio Lower Upper
112 100
64 85.2 38.6 57.8#
63 58.1 19.3 28.9#





#7

Phenol-d6

Concen: 131.358 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011233.D

Acq: 14 Aug 2017 17:01

Instrument :

BNA_M

ClientSampleId :

SP-A-COMP

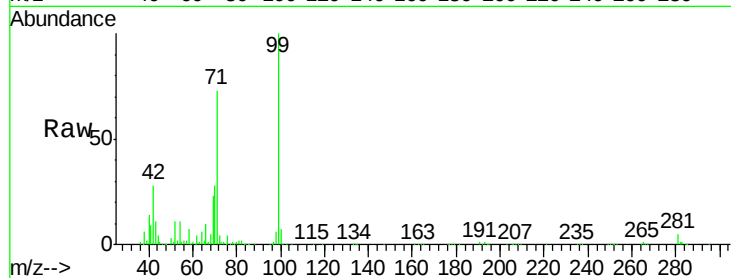
Tgt Ion: 99 Resp: 1455583

Ion Ratio Lower Upper

99 100

42 28.5 11.0 16.4#

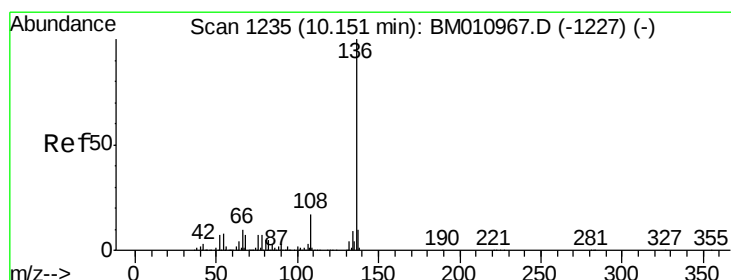
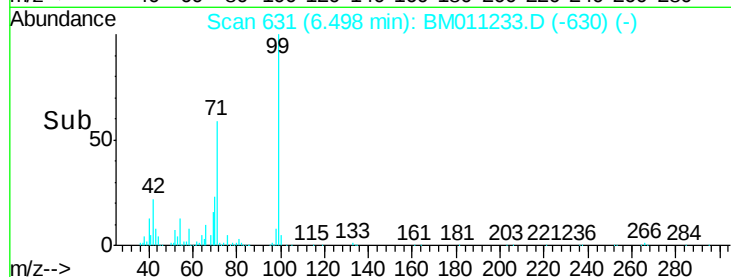
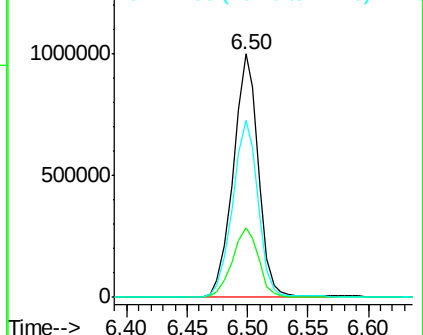
71 72.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011233.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011233.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011233.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011233.D

Acq: 14 Aug 2017 17:01

Tgt Ion: 136 Resp: 439542

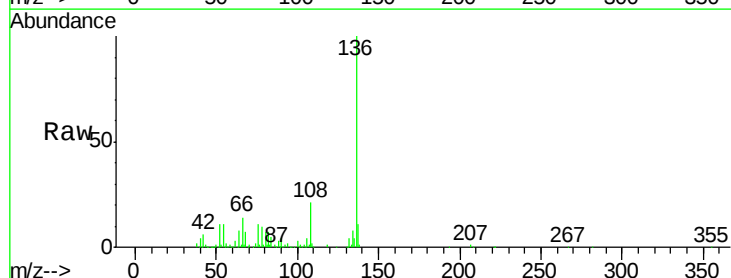
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.9 4.6 6.8#

68 7.2 3.7 5.5#

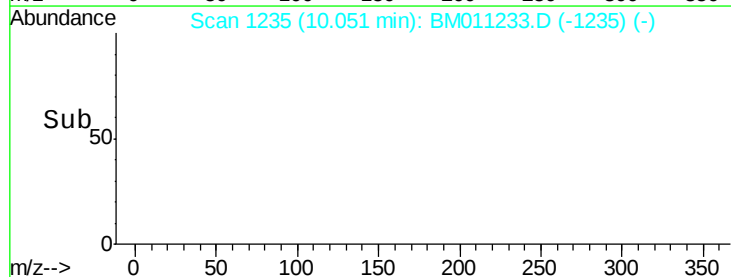
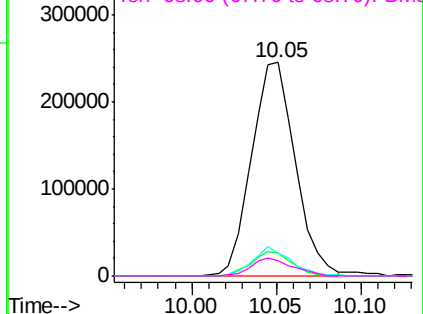


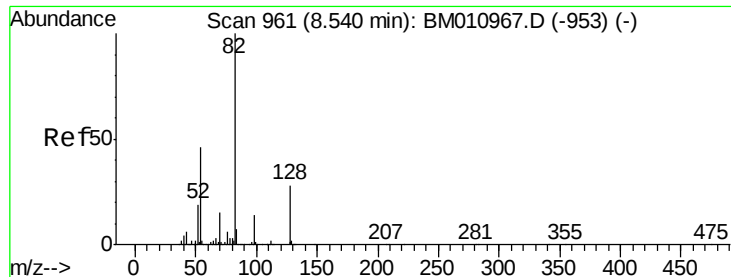
Abundance Ion 136.00 (135.70 to 136.70): BM011233.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011233.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011233.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011233.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 120.757 ng

RT: 8.44 min Scan# 961

Delta R.T. -0.10 min

Lab File: BM011233.D

Acq: 14 Aug 2017 17:01

Instrument :

BNA_M

ClientSampleId :

SP-A-COMP

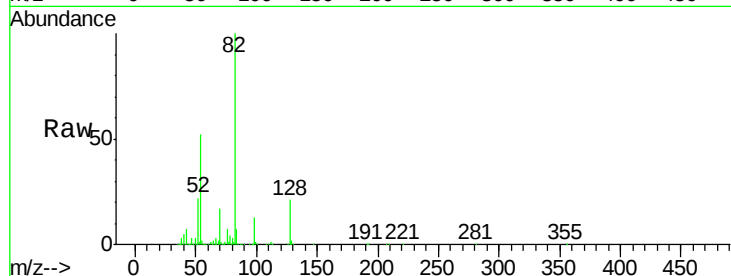
Tgt Ion: 82 Resp: 1414216

Ion Ratio Lower Upper

82 100

128 21.3 32.8 49.2#

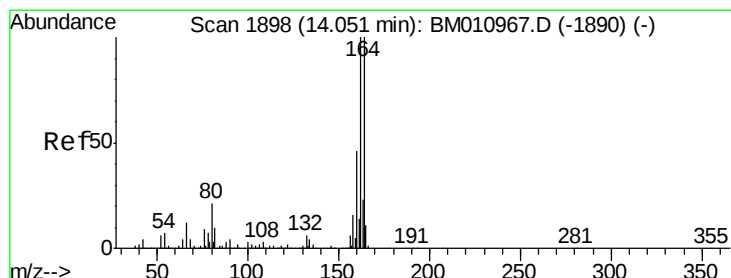
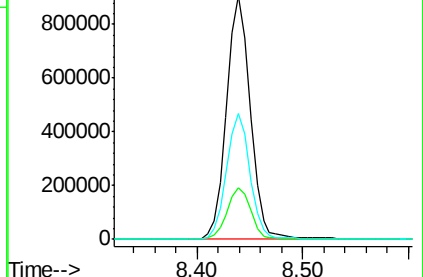
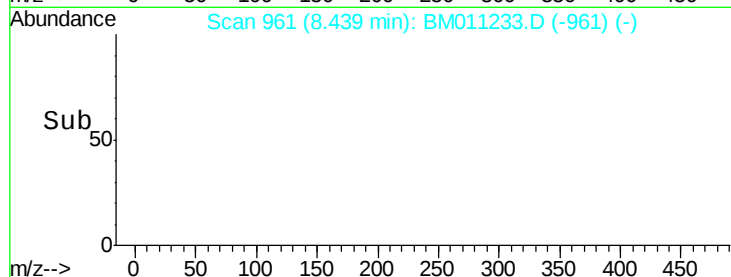
54 51.7 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011233.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011233.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011233.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. -0.09 min

Lab File: BM011233.D

Acq: 14 Aug 2017 17:01

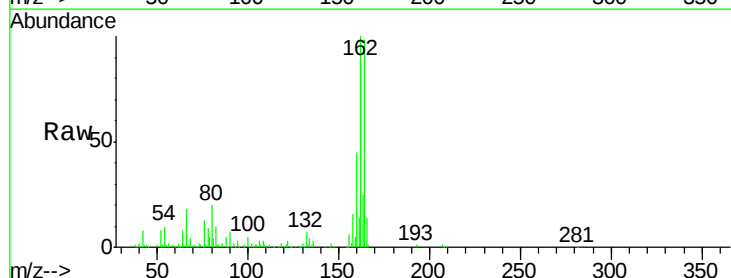
Tgt Ion: 164 Resp: 282199

Ion Ratio Lower Upper

164 100

162 102.3 82.4 123.6

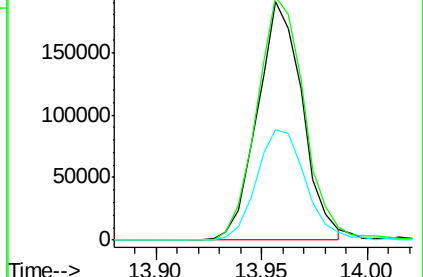
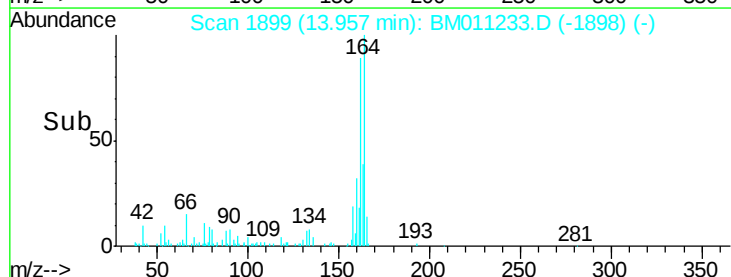
160 46.6 35.8 53.6

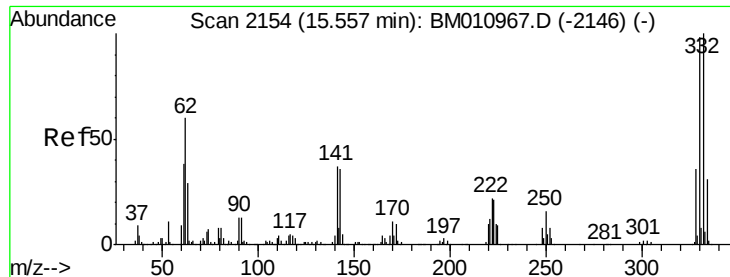


Abundance Ion 164.00 (163.70 to 164.70): BM011233.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011233.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011233.D (-1898) (-)

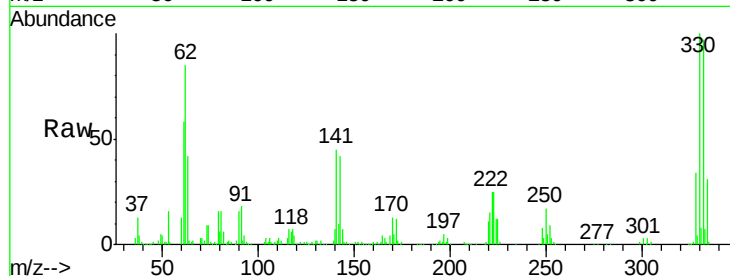




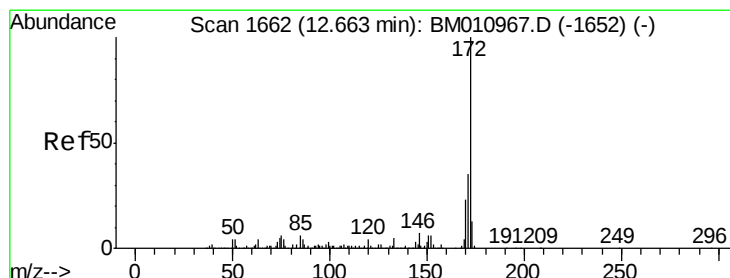
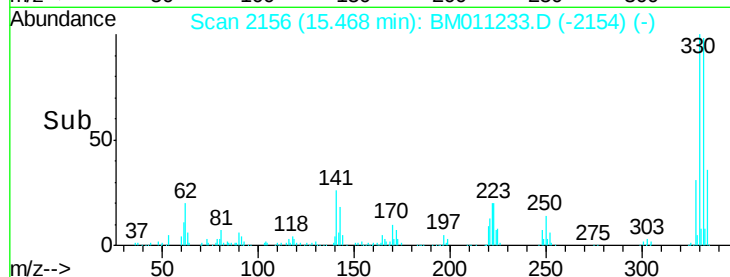
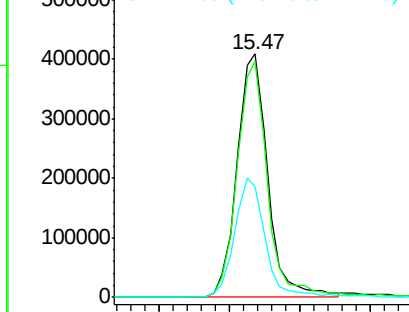
#41
 2,4,6-Tribromophenol
 Concen: 137.366 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011233.D
 Acq: 14 Aug 2017 17:01

Instrument :
 BNA_M
 ClientSampleId :
 SP-A-COMP

Tgt Ion:330 Resp: 621315
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 48.6 0.0 0.0#

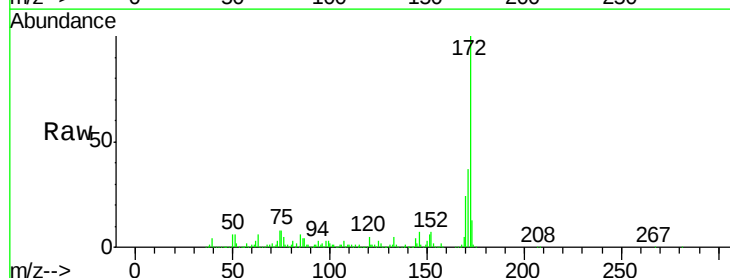


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

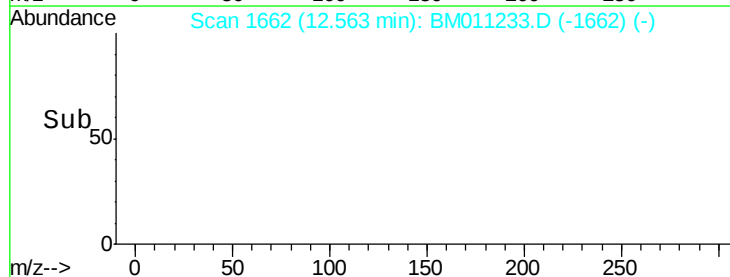
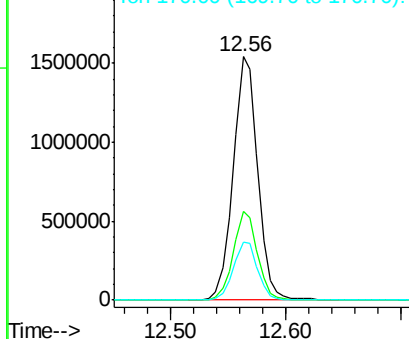


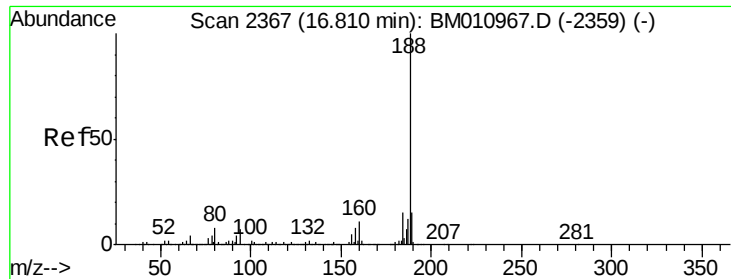
#44
 2-Fluorobiphenyl
 Concen: 100.537 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.10 min
 Lab File: BM011233.D
 Acq: 14 Aug 2017 17:01

Tgt Ion:172 Resp: 2262233
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.5 42.7
 170 23.8 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

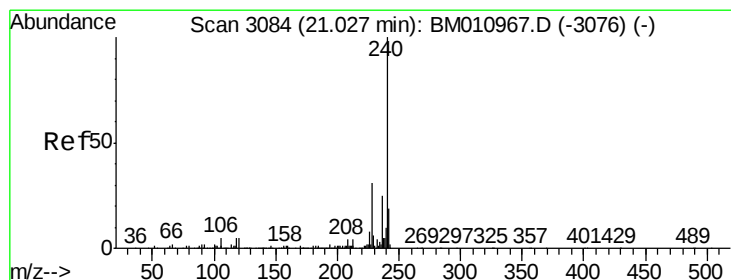
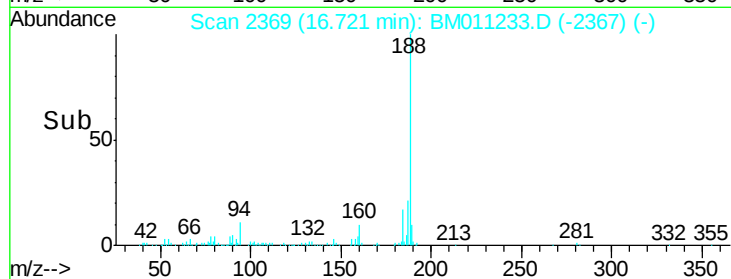
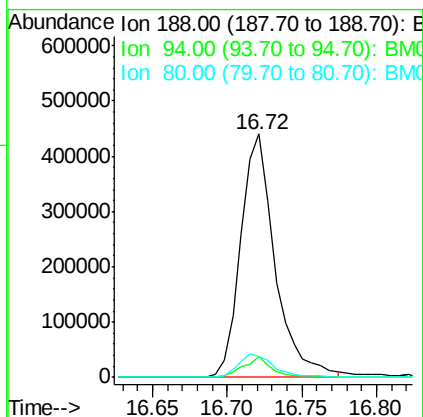
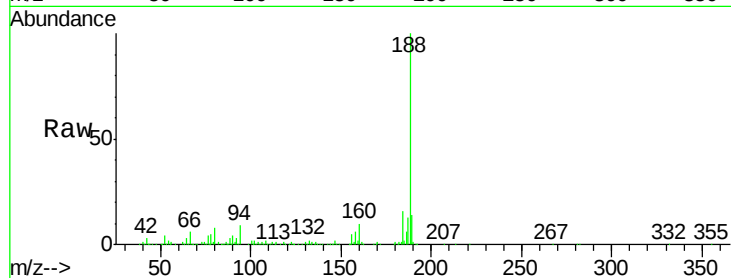




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011233.D
Acq: 14 Aug 2017 17:01

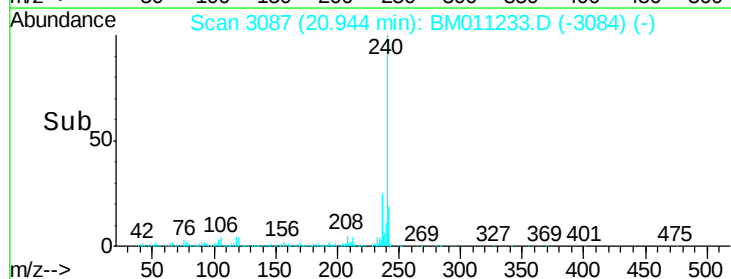
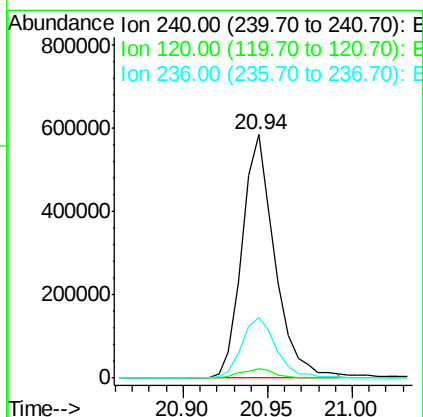
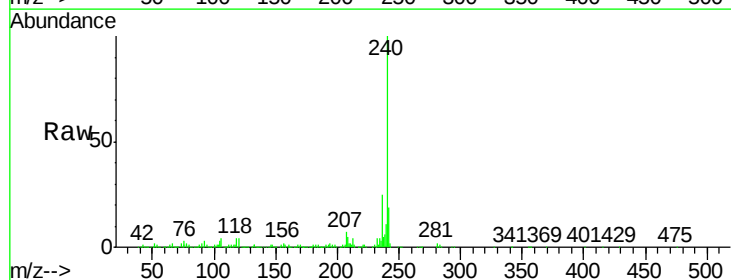
Instrument :
BNA_M
ClientSampleId :
SP-A-COMP

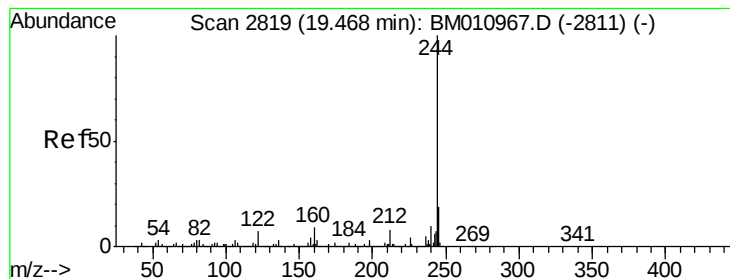
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.7	13.1#
80	8.4	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011233.D
Acq: 14 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.1	8.2	12.2#
236	25.1	20.0	30.0





#78

Terphenyl-d14

Concen: 89.613 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011233.D

Acq: 14 Aug 2017 17:01

Instrument :

BNA_M

ClientSampleId :

SP-A-COMP

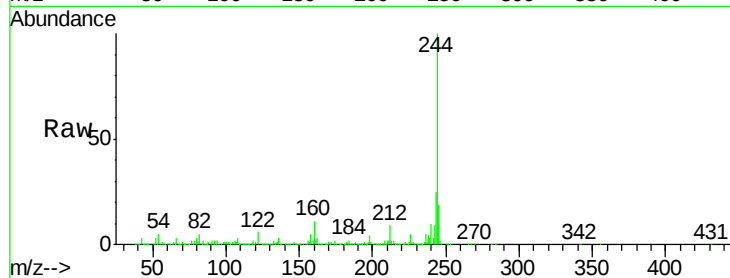
Tgt Ion:244 Resp: 3568860

Ion Ratio Lower Upper

244 100

212 8.9 4.9 7.3#

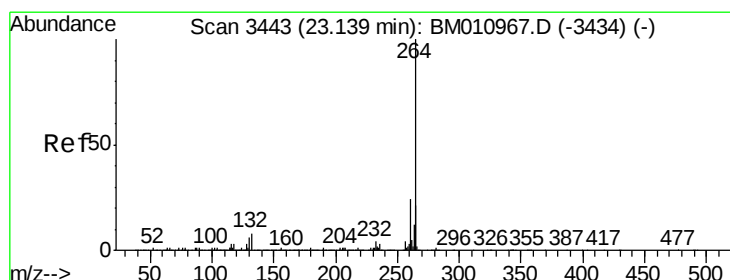
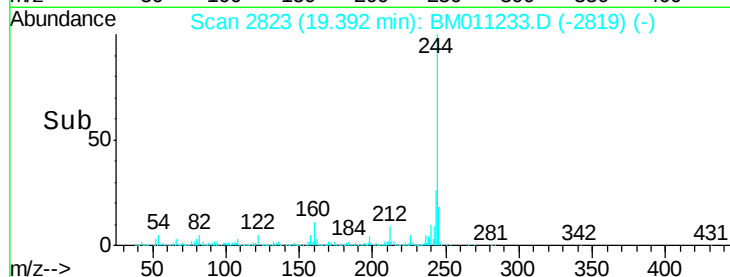
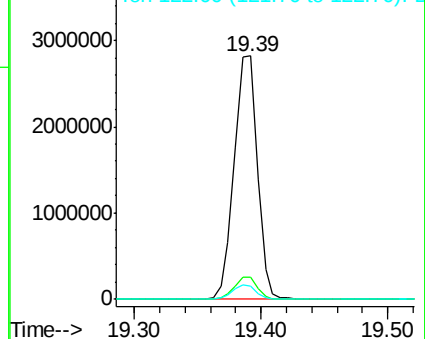
122 5.5 6.2 9.4#



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: 23.03 min Scan# 3441

Delta R.T. -0.11 min

Lab File: BM011233.D

Acq: 14 Aug 2017 17:01

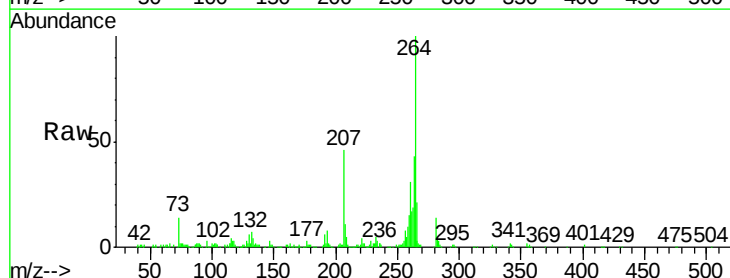
Tgt Ion:264 Resp: 388424

Ion Ratio Lower Upper

264 100

260 31.4 18.6 27.8#

265 20.6 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

