

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011115.D
 Acq On : 03 Aug 2017 07:54
 Operator : SJ/JU
 Sample : I4543-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 13:43:57 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	7.37	152	148663	20.00	ng	-0.02
21) Naphthalene-d8	10.13	136	537178	20.00	ng	-0.02
38) Acenaphthene-d10	14.03	164	356943	20.00	ng	-0.02
63) Phenanthrene-d10	16.79	188	899654	20.00	ng	-0.02
75) Chrysene-d12	21.02	240	943174	20.00	ng	-0.01
86) Perylene-d12	23.12	264	760814	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	747675	85.02	ng	0.00
7) Phenol-d6	6.57	99	952011	76.19	ng	-0.02
23) Nitrobenzene-d5	8.52	82	992389	69.34	ng	-0.02
41) 2,4,6-Tribromophenol	15.54	330	496767	86.83	ng	-0.02
44) 2-Fluorobiphenyl	12.65	172	1796369	63.12	ng	-0.02
78) Terphenyl-d14	19.46	244	2642890	55.51	ng	-0.01

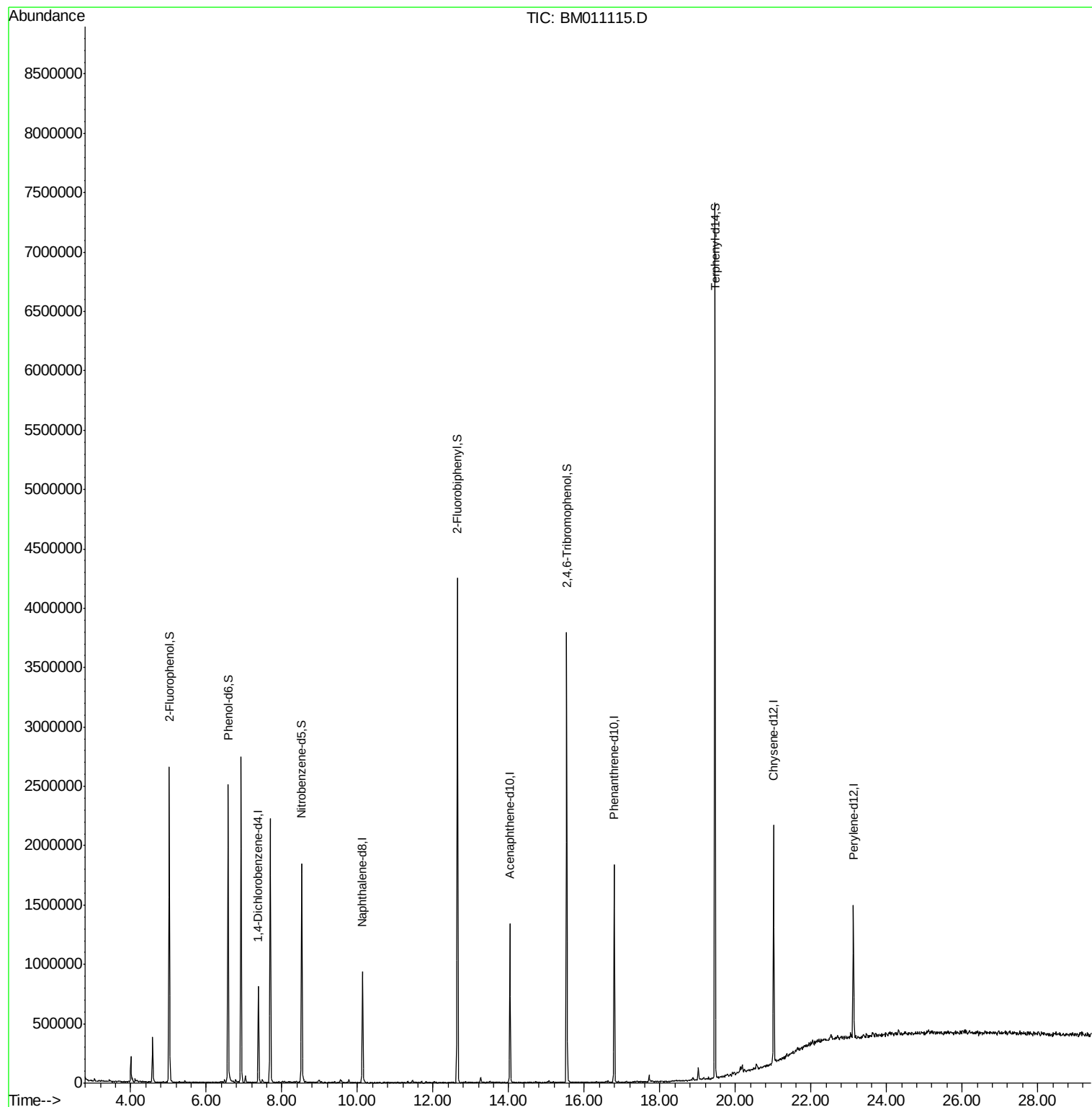
Target Compounds Qvalue

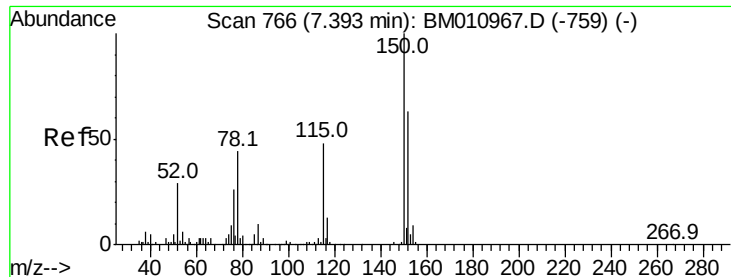
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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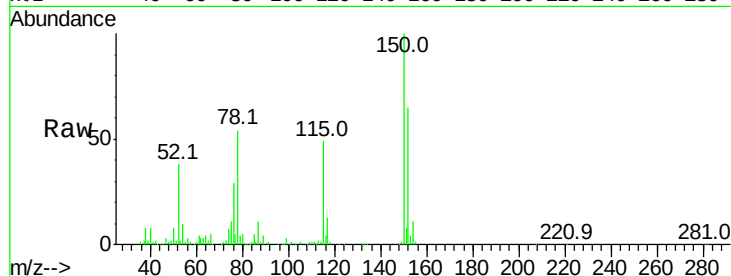


#1

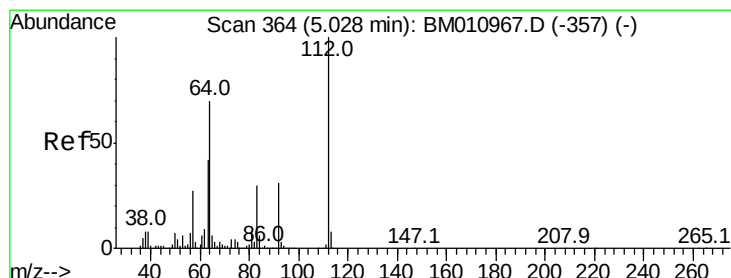
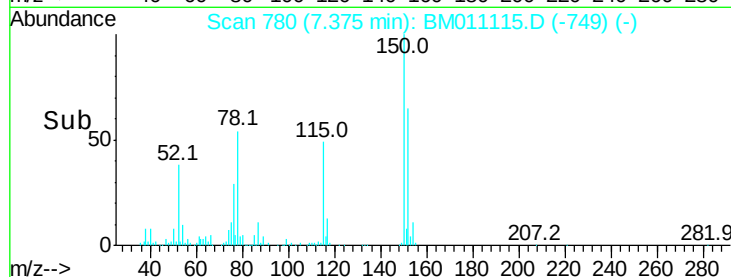
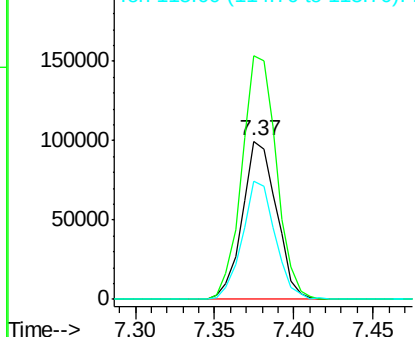
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.37 min Scan# 780
Delta R.T. -0.02 min
Lab File: BM011115.D
Acq: 03 Aug 2017 07:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 148663
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 74.6 43.0 64.4#



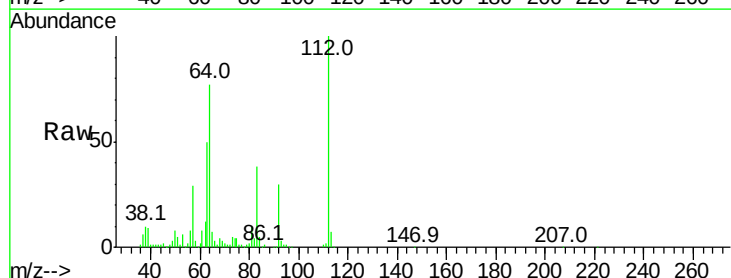
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



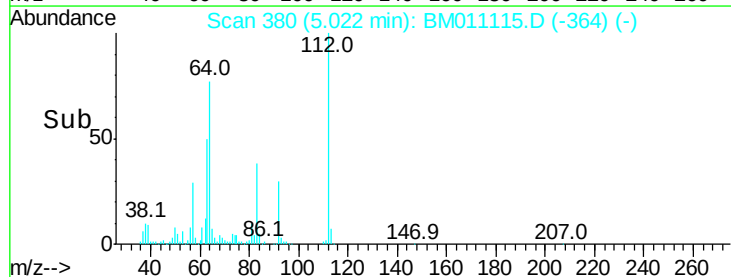
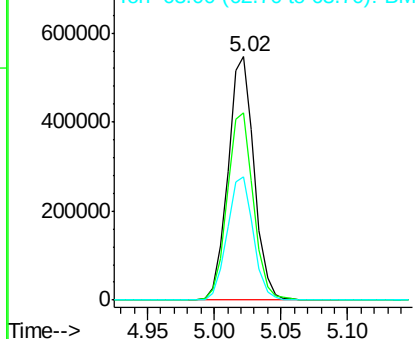
#5

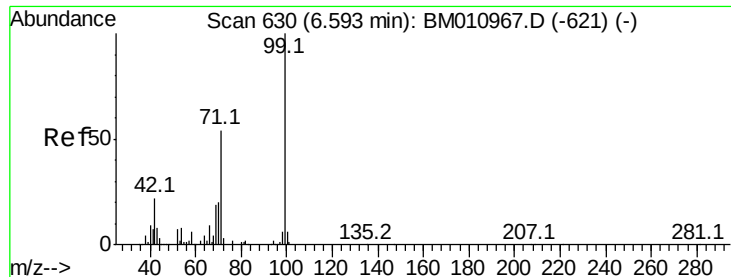
2-Fluorophenol
Concen: 85.018 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011115.D
Acq: 03 Aug 2017 07:54

Tgt Ion:112 Resp: 747675
Ion Ratio Lower Upper
112 100
64 76.9 38.6 57.8#
63 50.4 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: 76.190 ng

RT: 6.57 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM011115.D

Acq: 03 Aug 2017 07:54

Instrument :

BNA_M

ClientSampleId :

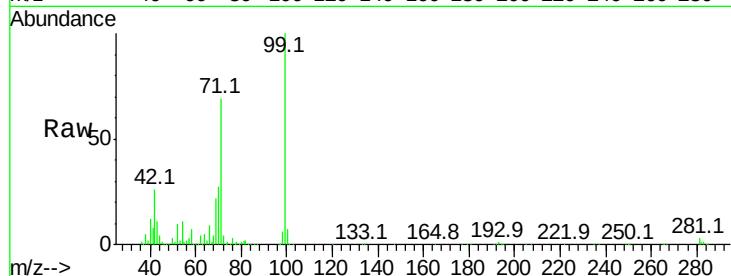
Tot Ion: 99 Resp: 952011

Ion Ratio Lower Upper

99 100

42 26.2 11.0 16.4#

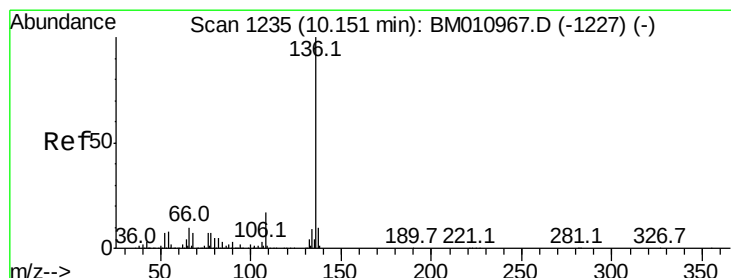
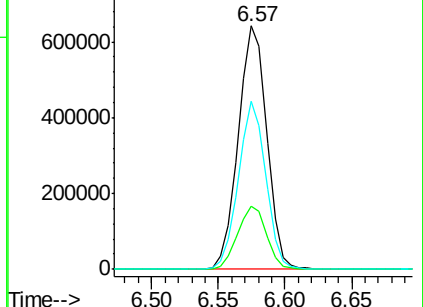
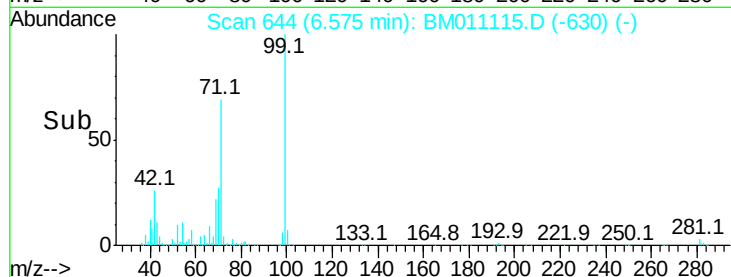
71 68.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011115.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011115.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011115.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.13 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM011115.D

Acq: 03 Aug 2017 07:54

Tgt Ion: 136 Resp: 537178

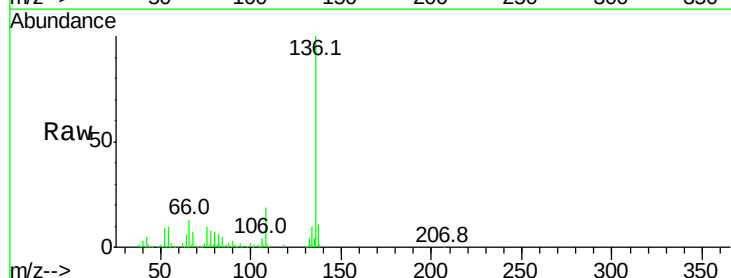
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.7 4.6 6.8#

68 7.4 3.7 5.5#

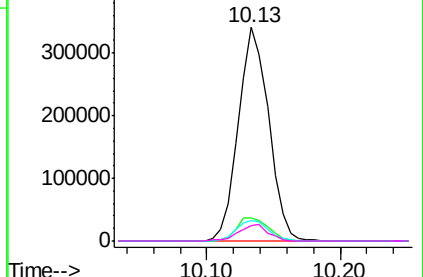
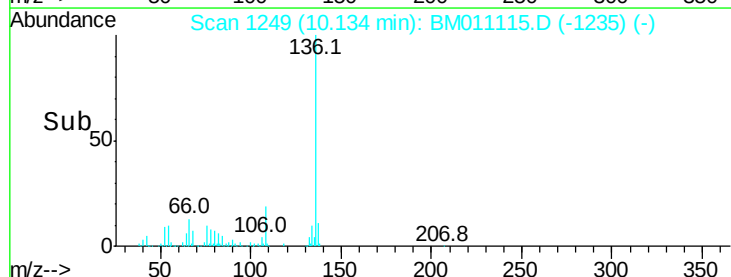


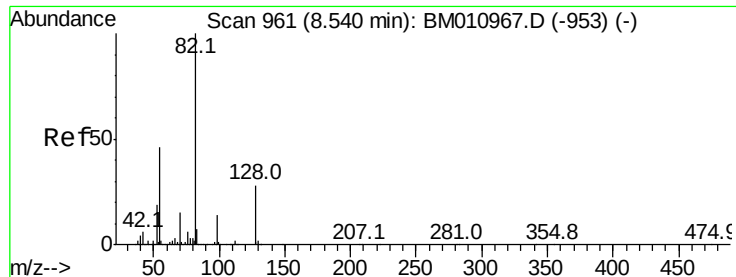
Abundance Ion 136.00 (135.70 to 136.70): BM011115.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011115.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011115.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011115.D (-1235) (-)

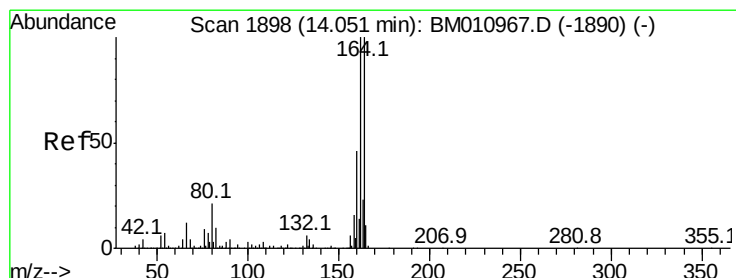
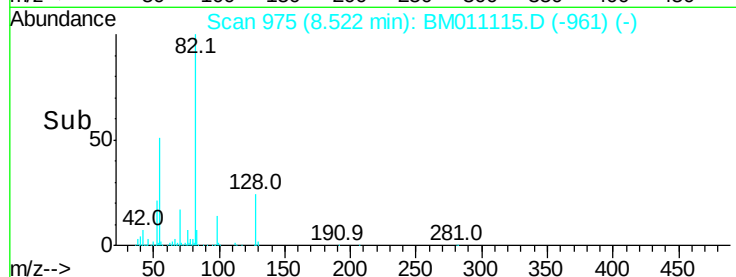
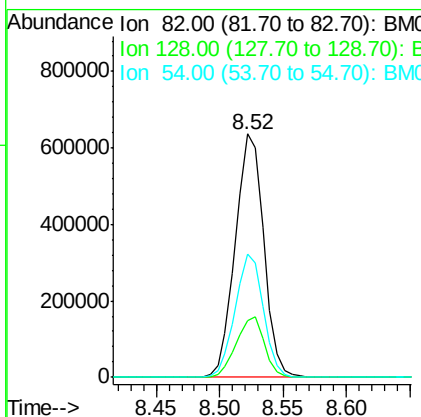
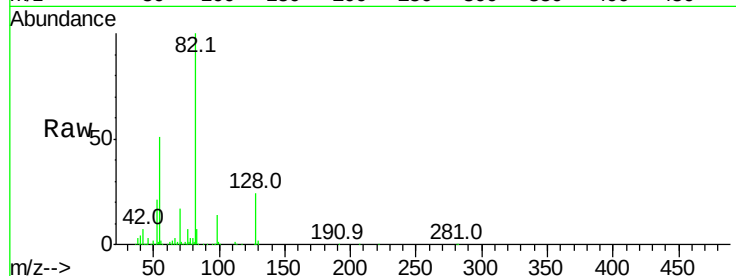




#23
 Nitrobenzene-d5
 Concen: 69.336 ng
 RT: 8.52 min Scan# 975
 Delta R.T. -0.02 min
 Lab File: BM011115.D
 Acq: 03 Aug 2017 07:54

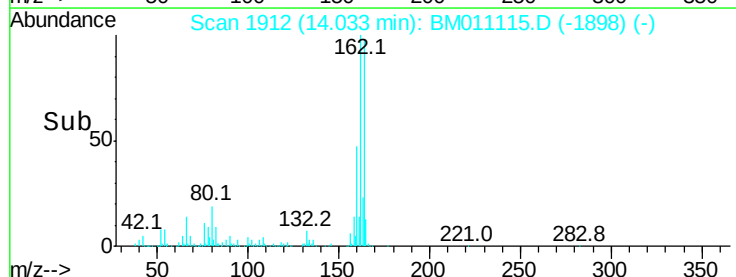
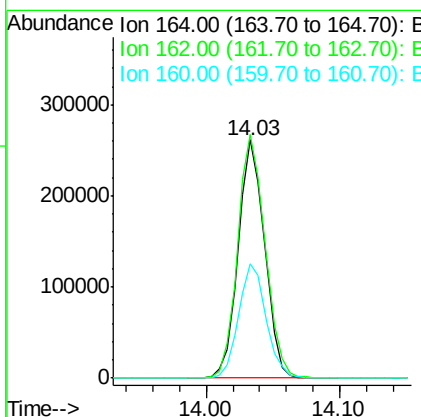
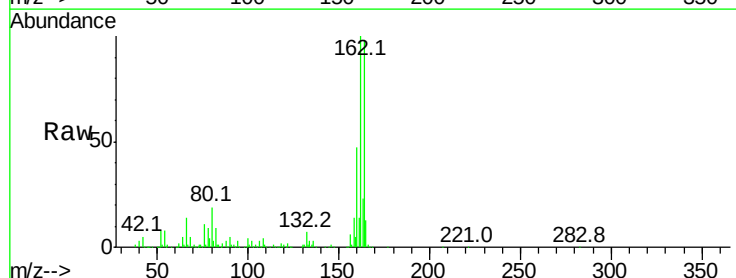
Instrument :
 BNA_M
 ClientSampleId :

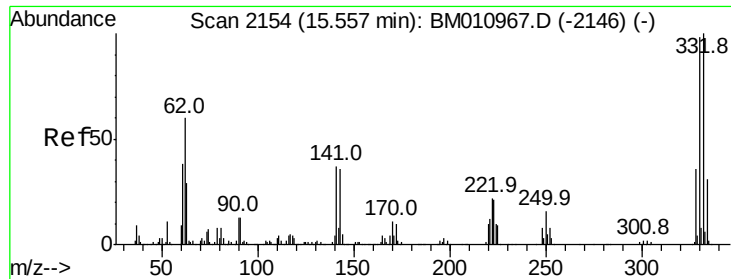
Tot Ion	Ratio	Lower	Upper
82	100		
128	23.5	32.8	49.2#
54	50.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.03 min Scan# 1912
 Delta R.T. -0.02 min
 Lab File: BM011115.D
 Acq: 03 Aug 2017 07:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.4	123.6
160	47.8	35.8	53.6

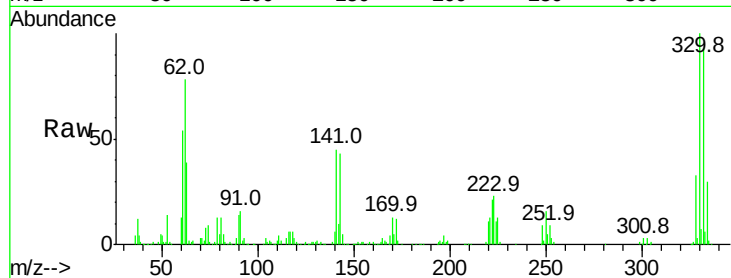




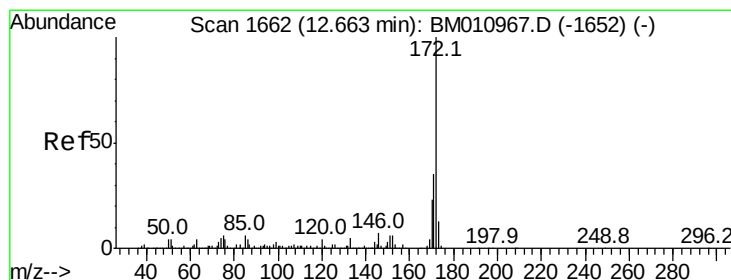
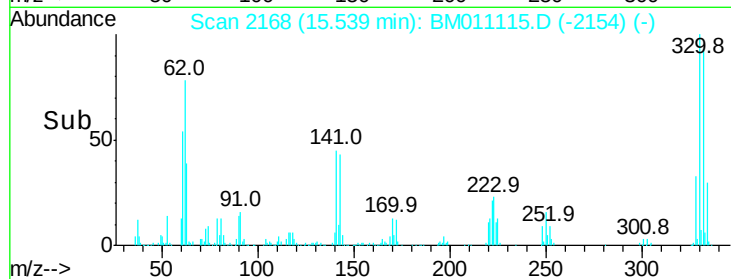
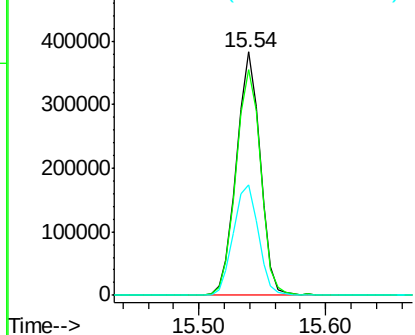
#41
 2,4,6-Tribromophenol
 Concen: 86.831 ng
 RT: 15.54 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM011115.D
 Acq: 03 Aug 2017 07:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 496767
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 47.8 0.0 0.0#

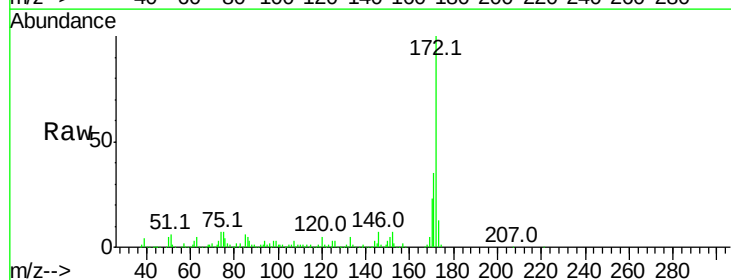


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

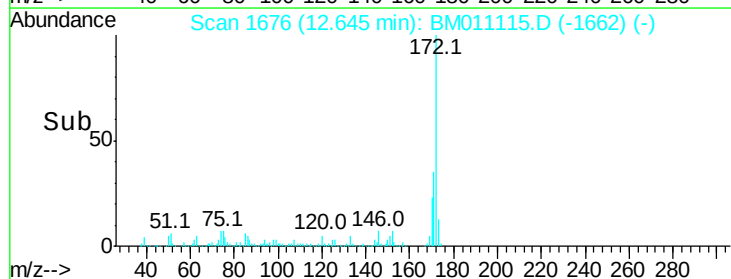
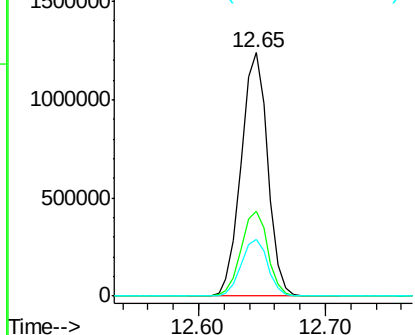


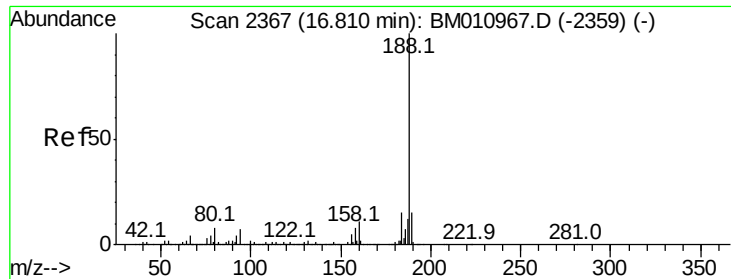
#44
 2-Fluorobiphenyl
 Concen: 63.116 ng
 RT: 12.65 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM011115.D
 Acq: 03 Aug 2017 07:54

Tgt Ion:172 Resp: 1796369
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.4 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: 16.79 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM011115.D

Acq: 03 Aug 2017 07:54

Instrument :

BNA_M

ClientSampleId :

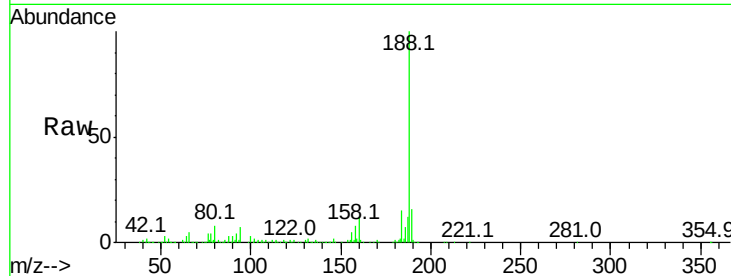
Tot Ion:188 Resp: 899654

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

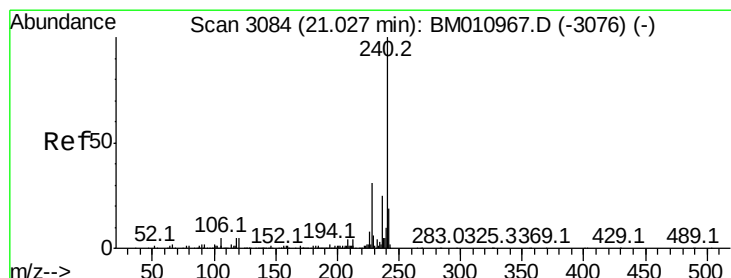
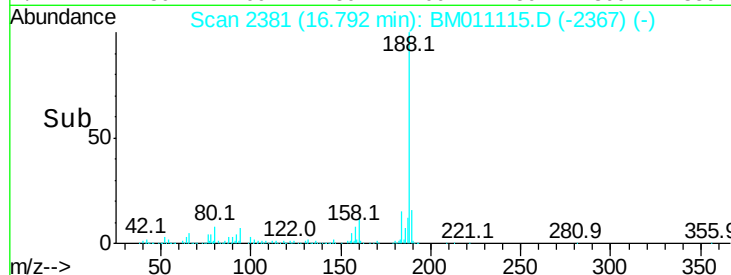
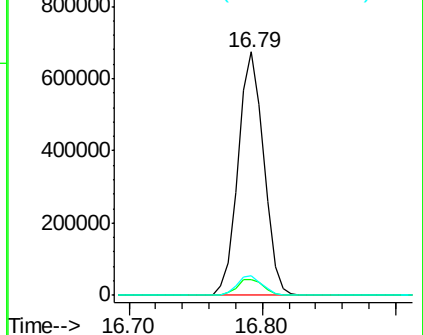
80 8.3 9.3 13.9#



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# 3099

Delta R.T. -0.01 min

Lab File: BM011115.D

Acq: 03 Aug 2017 07:54

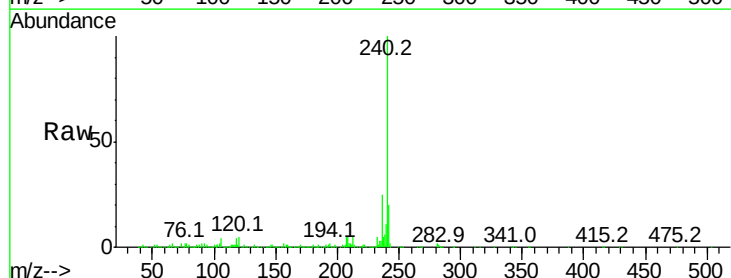
Tgt Ion:240 Resp: 943174

Ion Ratio Lower Upper

240 100

120 4.8 8.2 12.2#

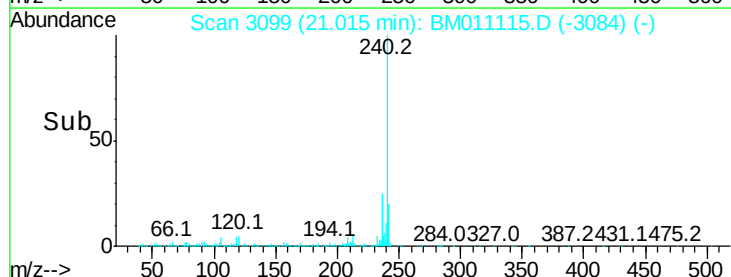
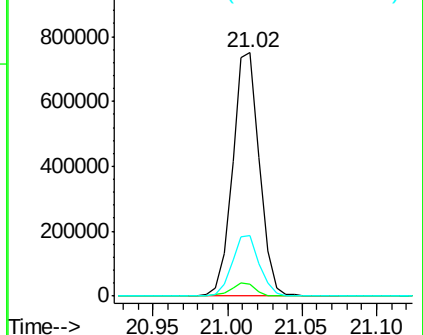
236 25.0 20.0 30.0

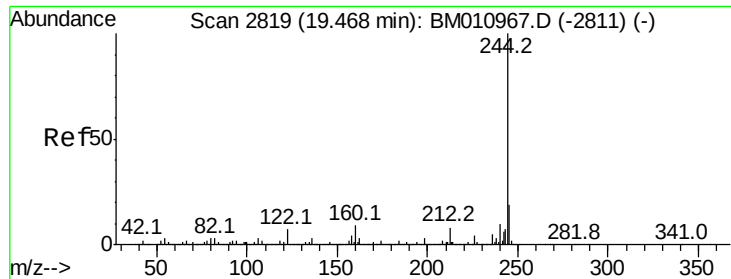


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

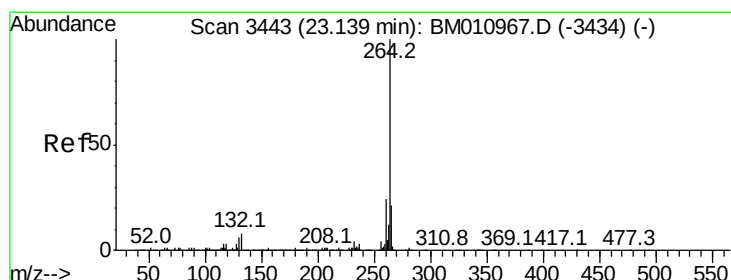
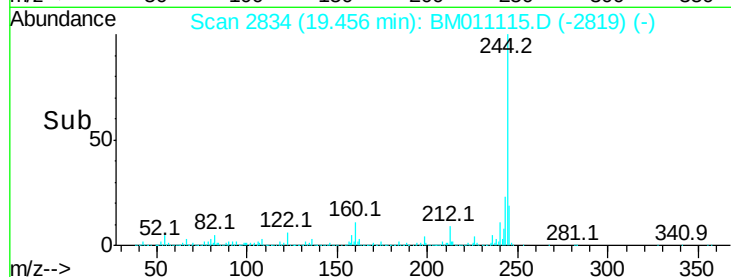
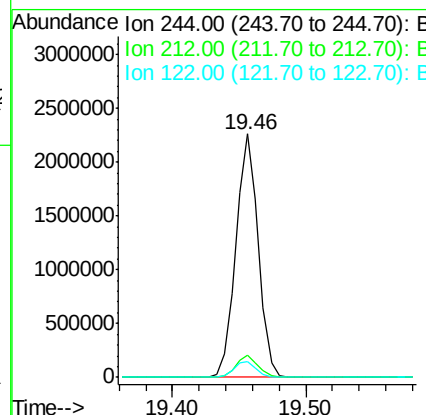
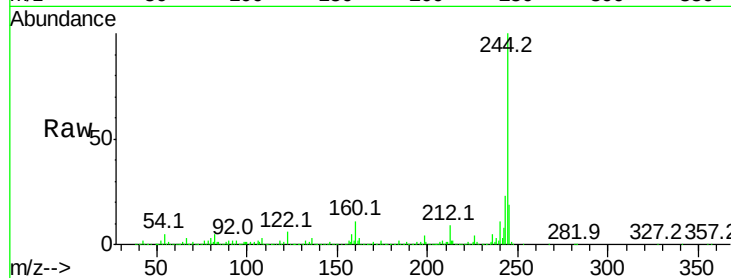




#78
 Terphenyl-d14
 Concen: 55.506 ng
 RT: 19.46 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM011115.D
 Acq: 03 Aug 2017 07:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 2642890
 Ion Ratio Lower Upper
 244 100
 212 9.0 4.9 7.3#
 122 6.4 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.12 min Scan# 3457
 Delta R.T. -0.02 min
 Lab File: BM011115.D
 Acq: 03 Aug 2017 07:54

Tgt Ion:264 Resp: 760814
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.6 27.8
 265 22.1 17.3 25.9

