

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011168.D
 Acq On : 08 Aug 2017 00:44
 Operator : SJ/JU
 Sample : I4594-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-12000-R4

Quant Time: Aug 08 03:23:44 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	7.32	152	166458	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	603042	20.00	ng	-0.08
38) Acenaphthene-d10	13.97	164	415711	20.00	ng	-0.08
63) Phenanthrene-d10	16.74	188	1111125	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1399199	20.00	ng	-0.06
86) Perylene-d12	23.04	264	1344173	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1647161	167.27	ng	-0.07
7) Phenol-d6	6.52	99	2149983	153.67	ng	-0.08
23) Nitrobenzene-d5	8.46	82	2017322	125.55	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1233732	185.16	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3677127	110.93	ng	-0.08
78) Terphenyl-d14	19.41	244	8041857	113.85	ng	-0.06

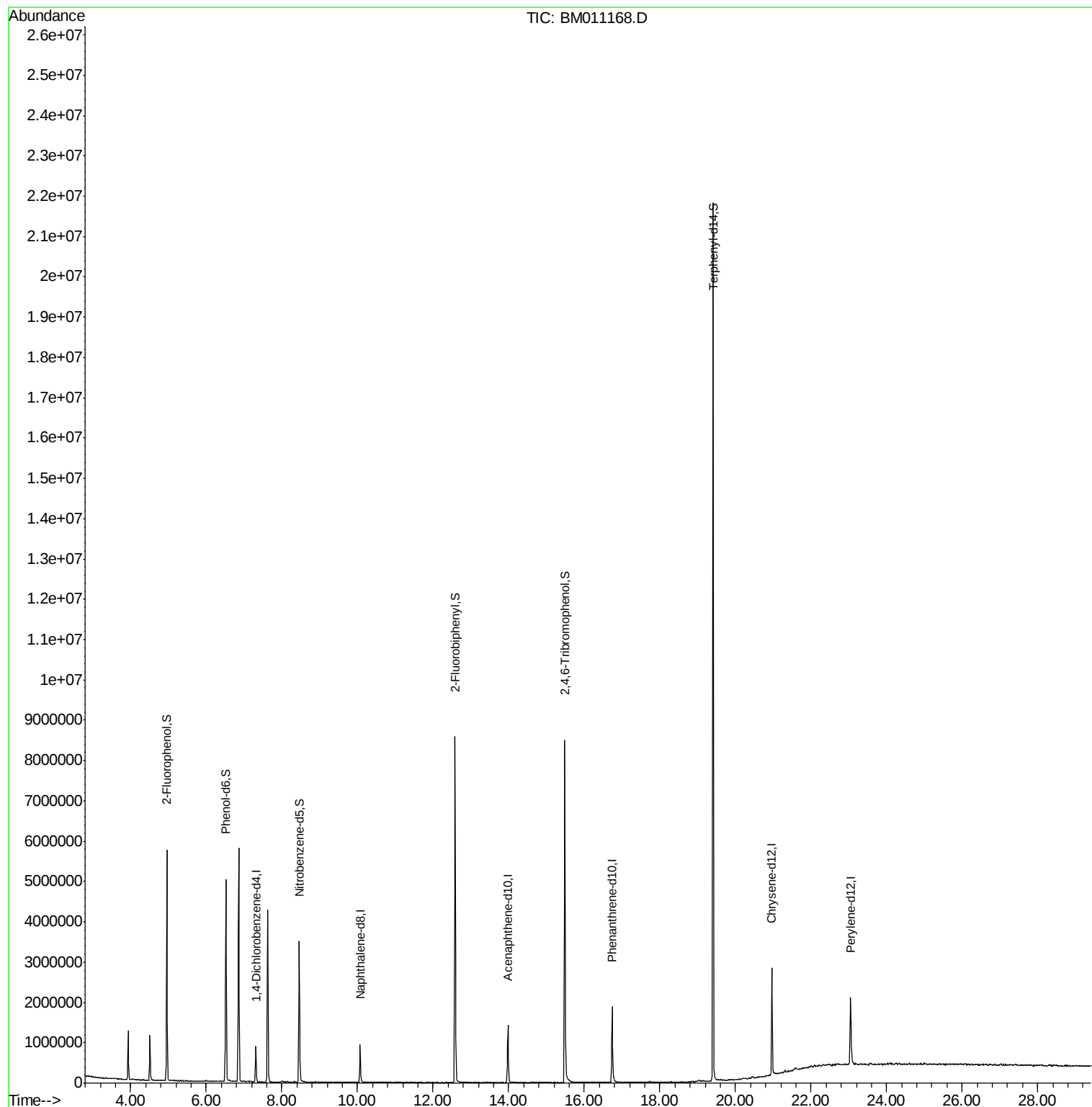
Target Compounds Qvalue

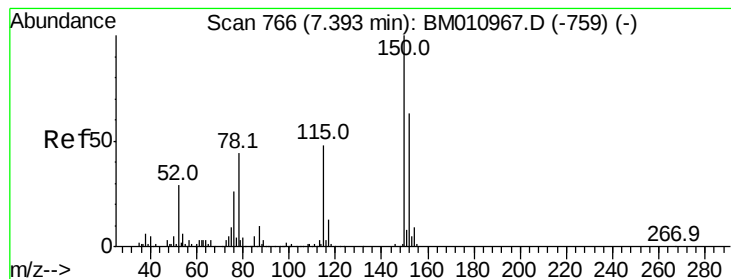
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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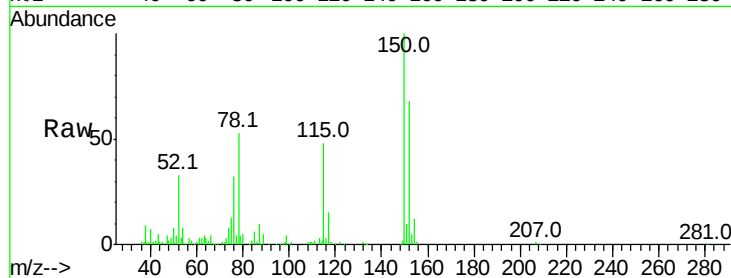


#1

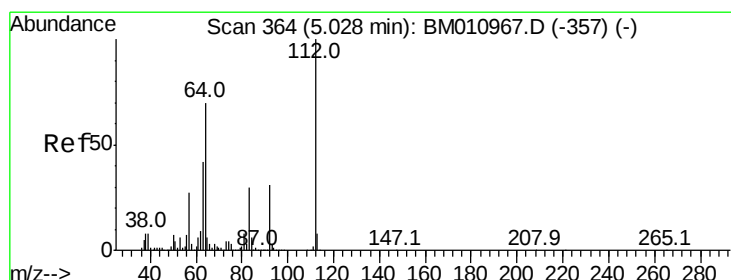
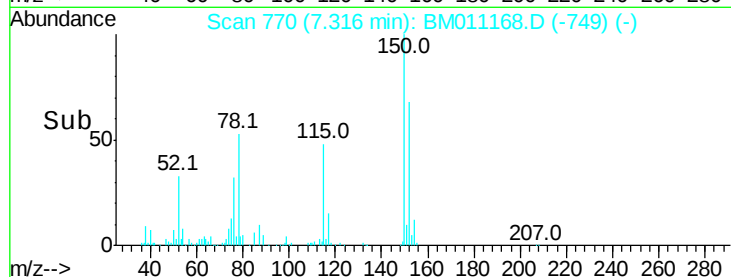
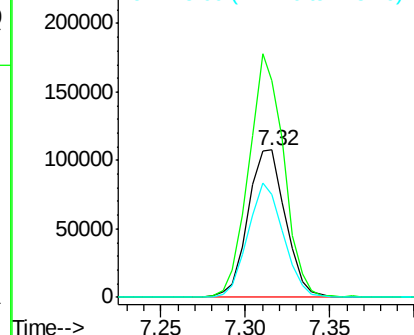
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011168.D
Acq: 08 Aug 2017 00:44

Instrument :
BNA_M
ClientSampleId :
72-12000-R4

Tot Ion:152 Resp: 166458
Ion Ratio Lower Upper
152 100
150 146.9 119.5 179.3
115 69.8 43.0 64.4#



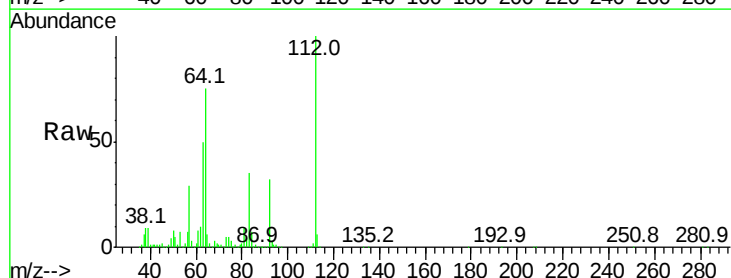
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



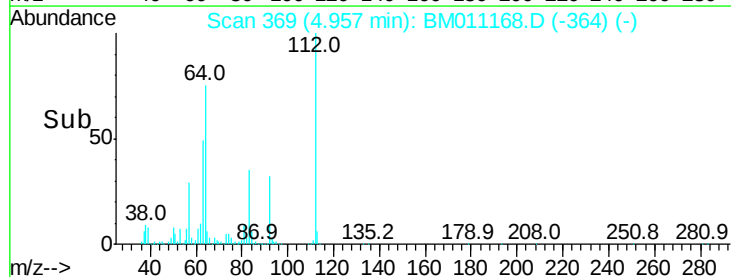
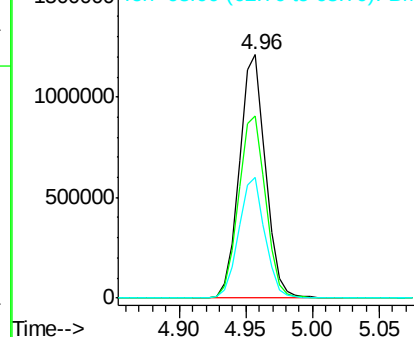
#5

2-Fluorophenol
Concen: 167.275 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011168.D
Acq: 08 Aug 2017 00:44

Tgt Ion:112 Resp: 1647161
Ion Ratio Lower Upper
112 100
64 75.0 38.6 57.8#
63 49.5 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: 153.671 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011168.D

Acq: 08 Aug 2017 00:44

Instrument :

BNA_M

ClientSampleId :

72-12000-R4

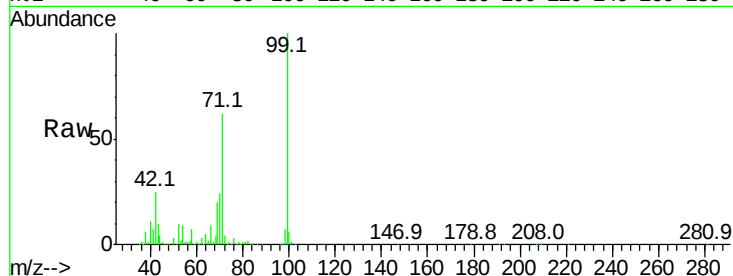
Tot Ion: 99 Resp: 2149983

Ion Ratio Lower Upper

99 100

42 25.0 11.0 16.4#

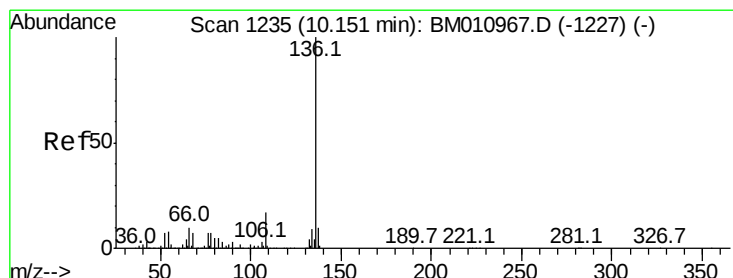
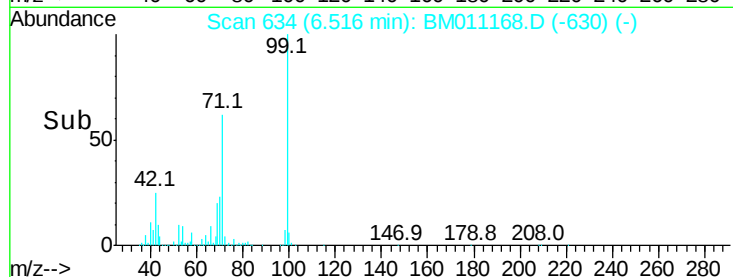
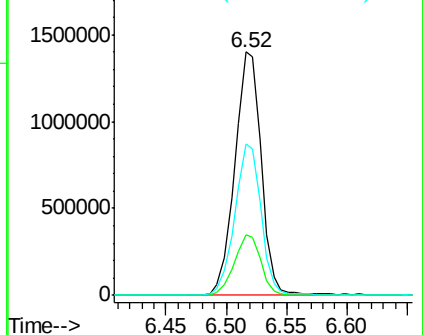
71 62.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011168.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011168.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011168.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: BM011168.D

Acq: 08 Aug 2017 00:44

Tgt Ion: 136 Resp: 603042

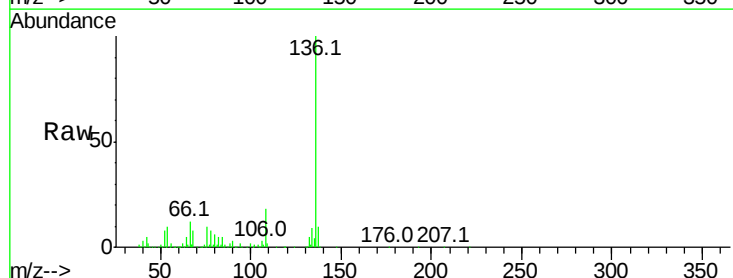
Ion Ratio Lower Upper

136 100

137 9.8 8.7 13.1

54 9.6 4.6 6.8#

68 7.7 3.7 5.5#

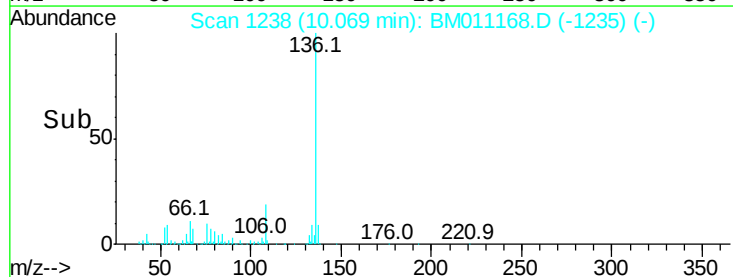
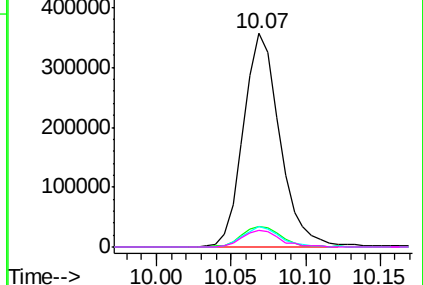


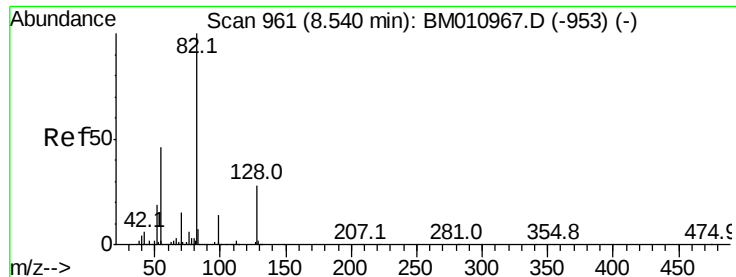
Abundance Ion 136.00 (135.70 to 136.70): BM011168.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011168.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011168.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011168.D (-1235) (-)



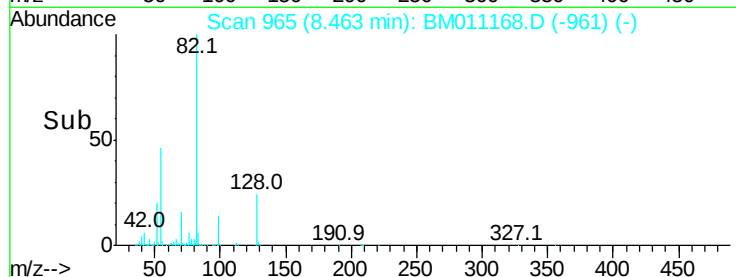
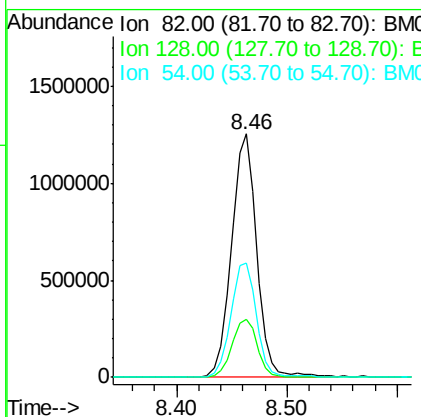
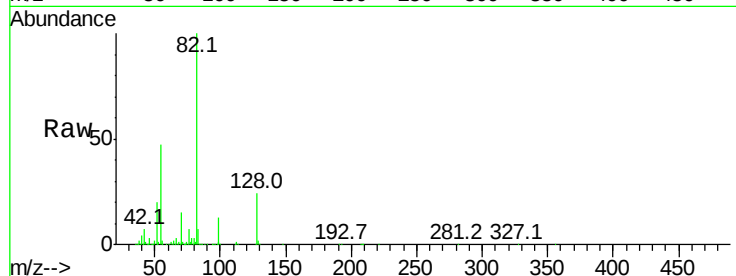


#23
 Nitrobenzene-d5
 Concen: 125.552 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011168.D
 Acq: 08 Aug 2017 00:44

Instrument :
 BNA_M
 ClientSampleId :
 72-12000-R4

Tot Ion: 82 Resp: 2017322

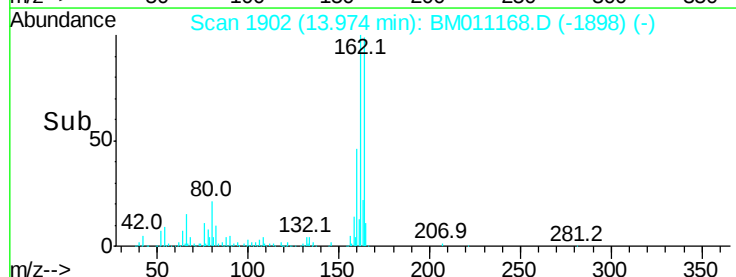
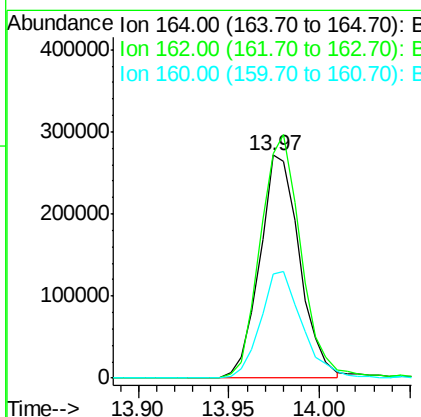
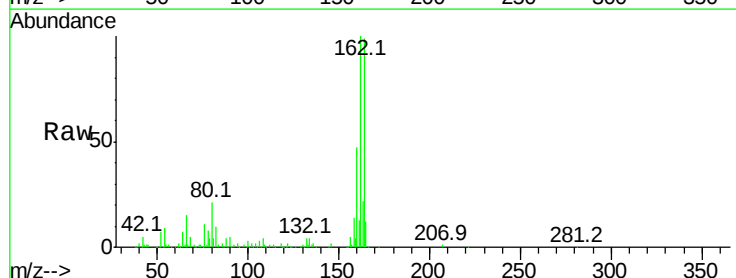
Ion	Ratio	Lower	Upper
82	100		
128	24.0	32.8	49.2#
54	46.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.97 min Scan# 1902
 Delta R.T. -0.08 min
 Lab File: BM011168.D
 Acq: 08 Aug 2017 00:44

Tgt Ion:164 Resp: 415711

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.4	123.6
160	46.8	35.8	53.6

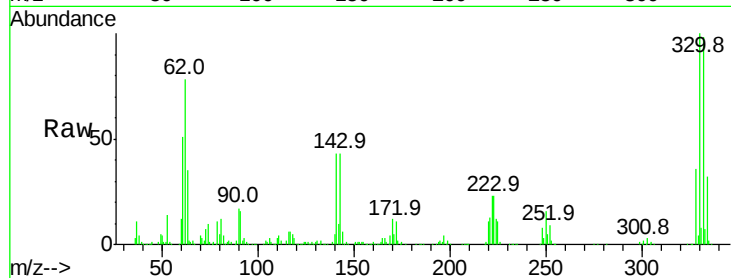




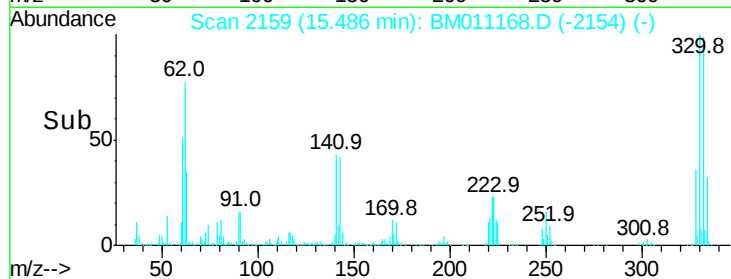
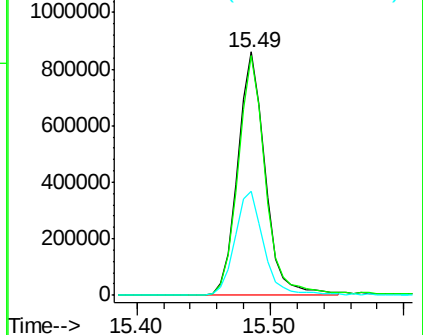
#41
 2,4,6-Tribromophenol
 Concen: 185.162 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011168.D
 Acq: 08 Aug 2017 00:44

Instrument :
 BNA_M
 ClientSampleId :
 72-12000-R4

Tot Ion:330 Resp: 1233732
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 44.6 0.0 0.0#

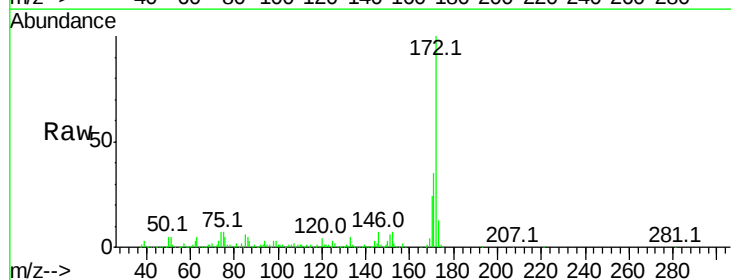


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

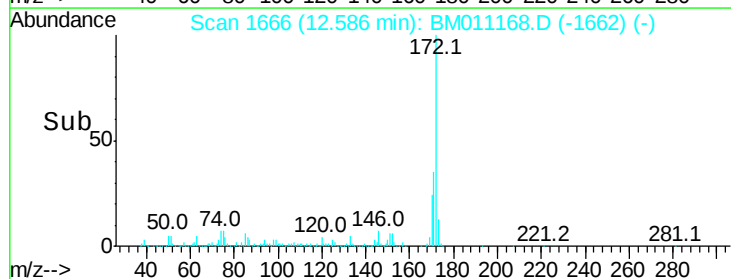
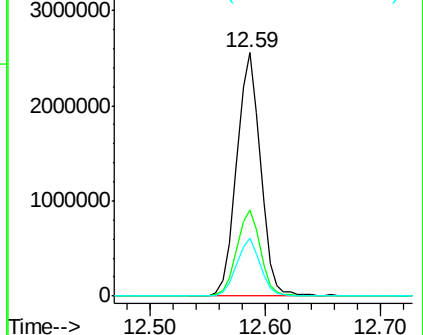


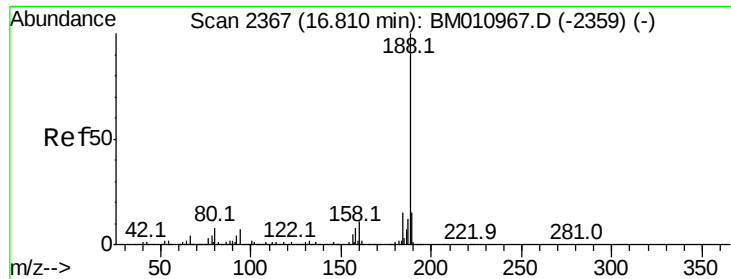
#44
 2-Fluorobiphenyl
 Concen: 110.933 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011168.D
 Acq: 08 Aug 2017 00:44

Tgt Ion:172 Resp: 3677127
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.9 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

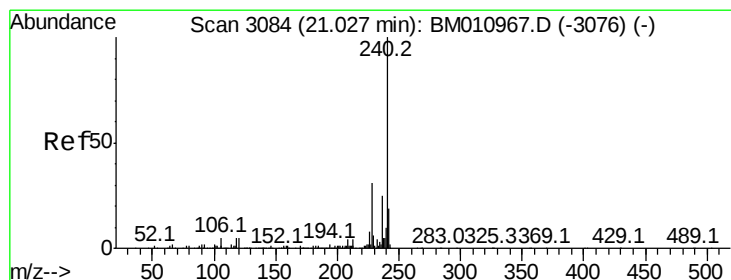
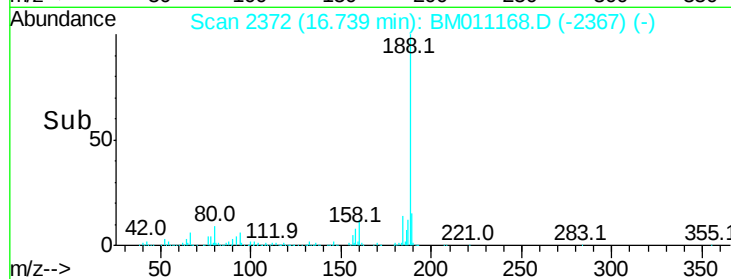
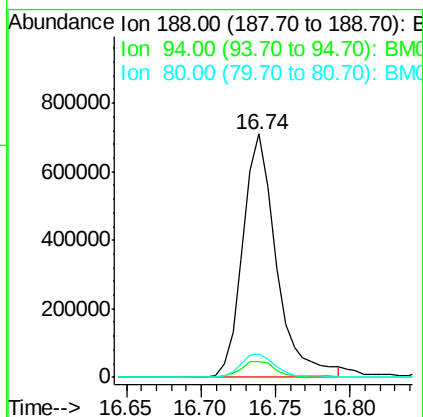
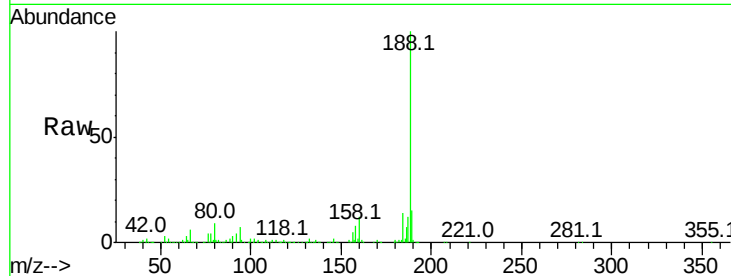




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011168.D
Acq: 08 Aug 2017 00:44

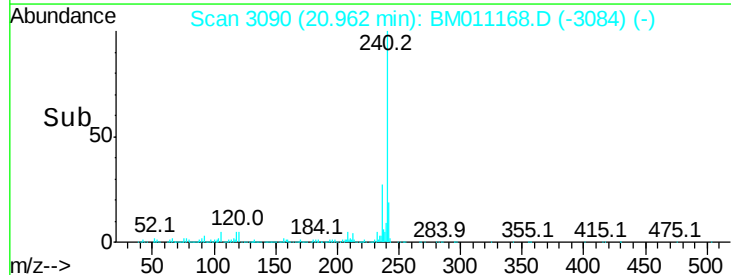
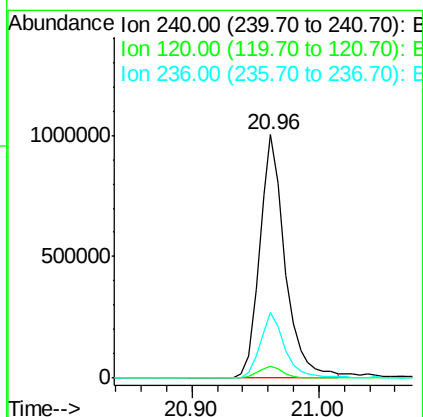
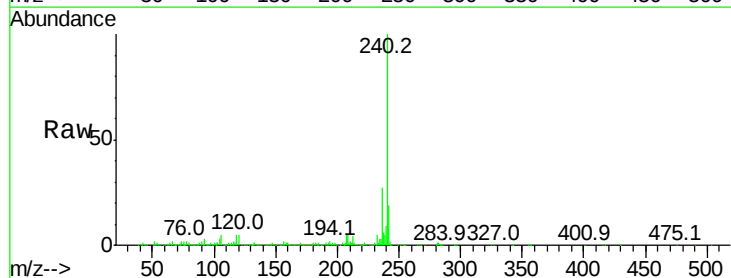
Instrument :
BNA_M
ClientSampleId :
72-12000-R4

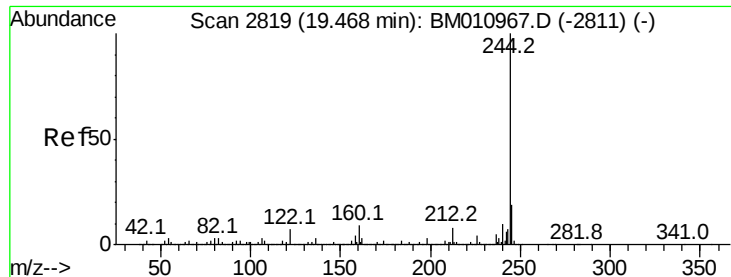
Tot Ion:188 Resp: 1111125
Ion Ratio Lower Upper
188 100
94 6.6 8.7 13.1#
80 9.5 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011168.D
Acq: 08 Aug 2017 00:44

Tgt Ion:240 Resp: 1399199
Ion Ratio Lower Upper
240 100
120 5.1 8.2 12.2#
236 26.7 20.0 30.0

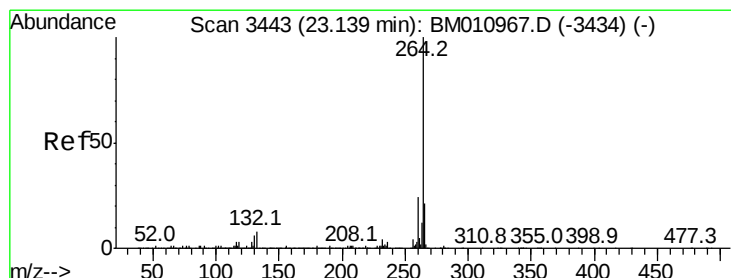
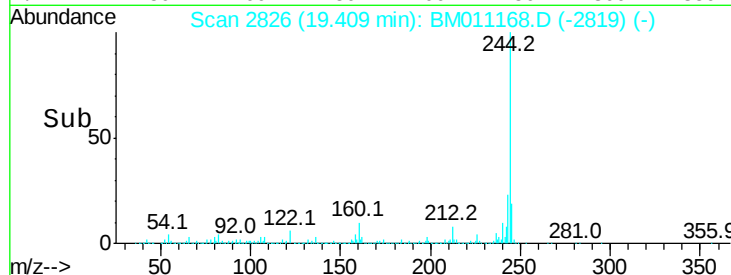
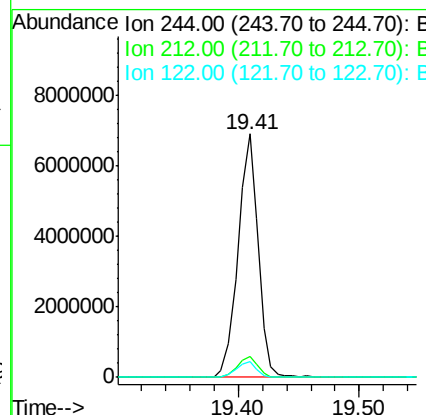
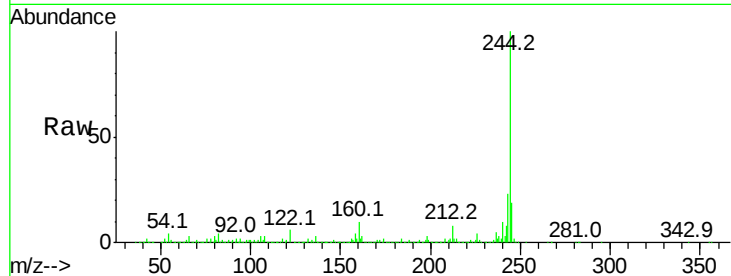




#78
 Terphenyl-d14
 Concen: 113.850 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011168.D
 Acq: 08 Aug 2017 00:44

Instrument :
 BNA_M
 ClientSampleId :
 72-12000-R4

Tot Ion:244 Resp: 8041857
 Ion Ratio Lower Upper
 244 100
 212 8.5 4.9 7.3#
 122 6.5 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.04 min Scan# 3444
 Delta R.T. -0.09 min
 Lab File: BM011168.D
 Acq: 08 Aug 2017 00:44

Tgt Ion:264 Resp: 1344173
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 23.4 17.3 25.9

