

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011136.D
 Acq On : 05 Aug 2017 02:26
 Operator : SJ/JU
 Sample : I4560-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-STOCKPILE-COMP

Quant Time: Aug 05 03:23:48 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	133085	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	443523	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	388107	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1021278	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	1271238	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1335940	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	692385	87.95	ng	-0.07
7) Phenol-d6	6.52	99	833925	74.55	ng	-0.07
23) Nitrobenzene-d5	8.46	82	623506	52.76	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	573399	92.18	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	1512011	48.86	ng	-0.07
78) Terphenyl-d14	19.41	244	3610849	56.27	ng	-0.06

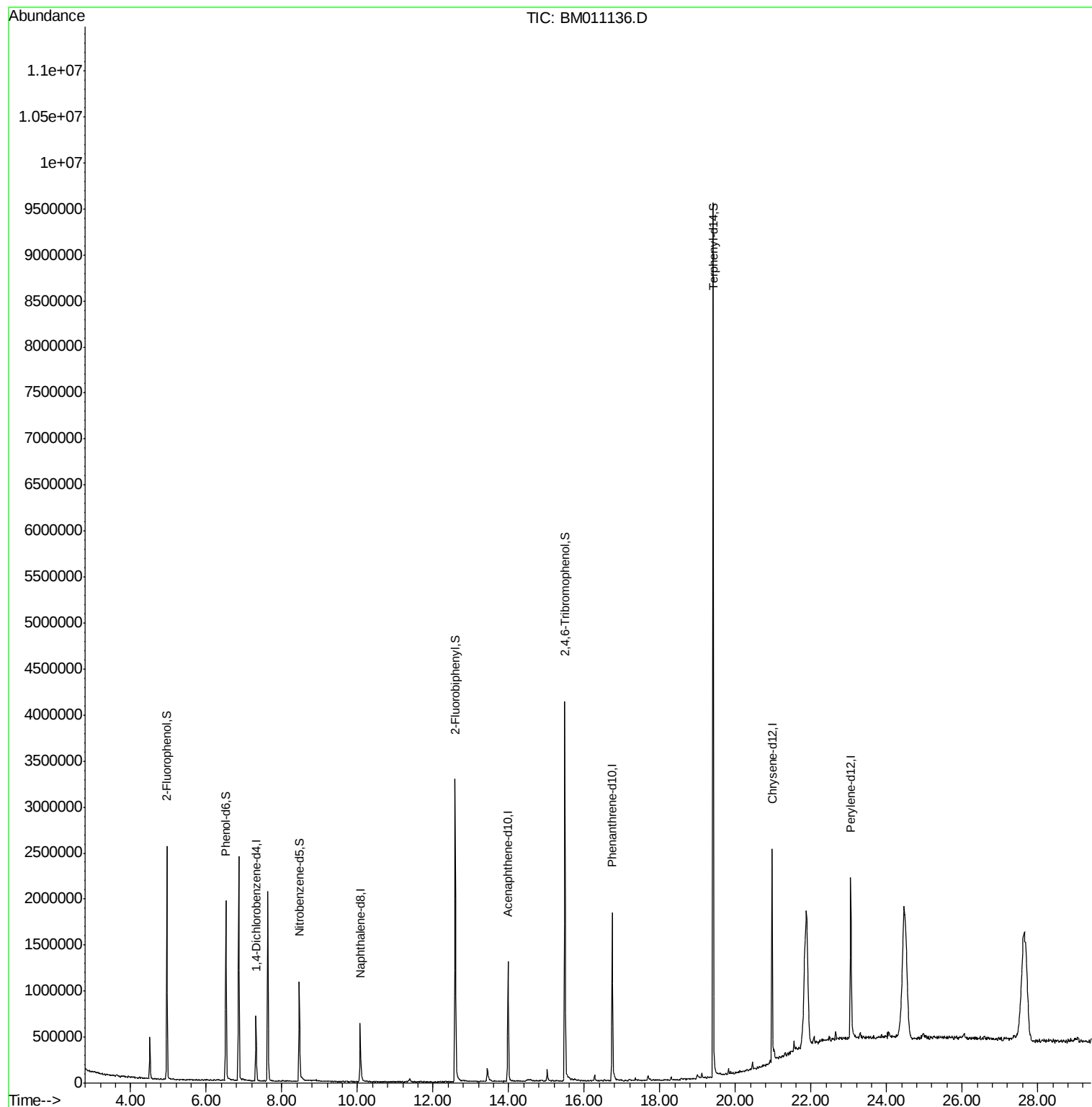
Target Compounds Qvalue

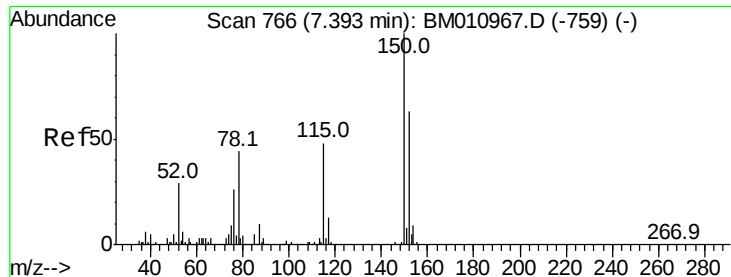
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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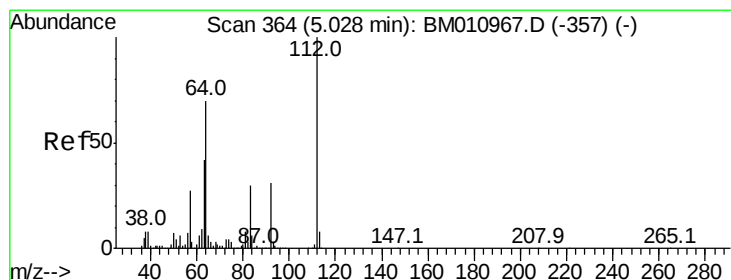
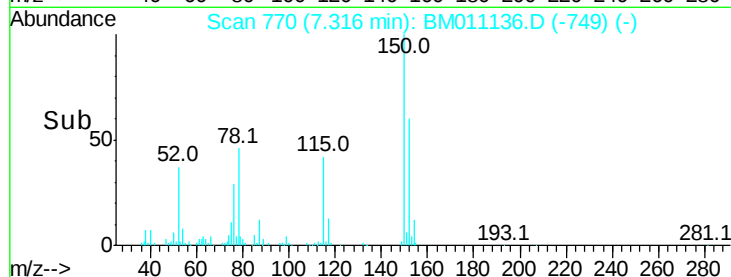
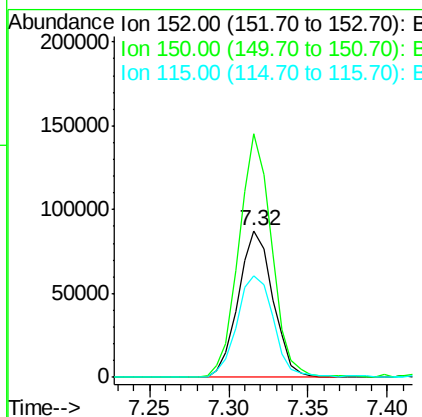
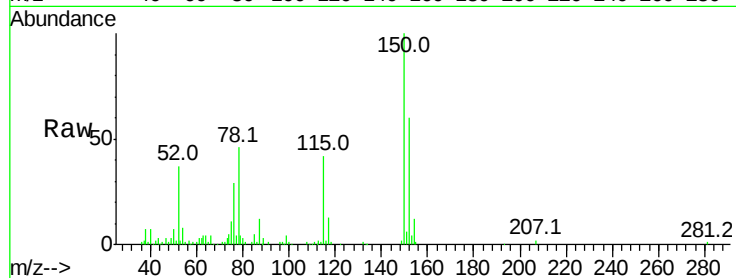


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011136.D
Acq: 05 Aug 2017 02:26

Instrument :
BNA_M
ClientSampleId :
S-STOCKPILE-COMP

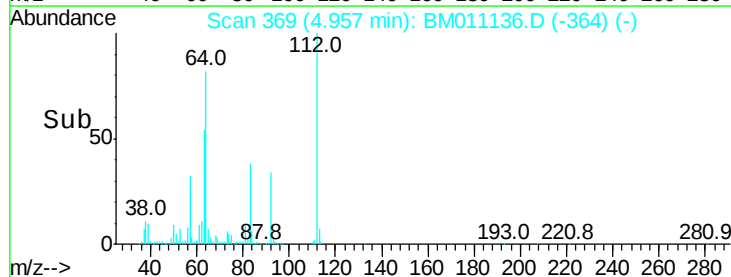
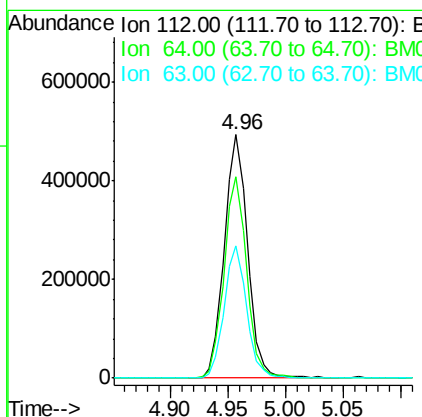
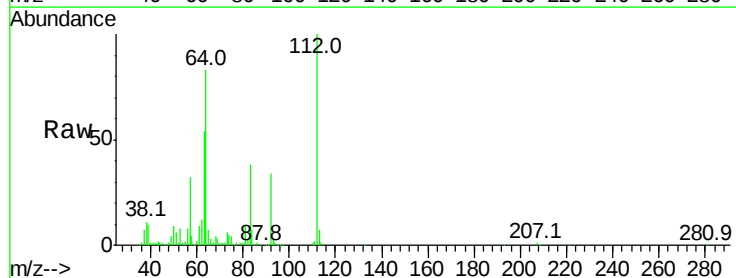
Tot Ion:152 Resp: 133085
Ion Ratio Lower Upper
152 100
150 165.9 119.5 179.3
115 68.9 43.0 64.4#

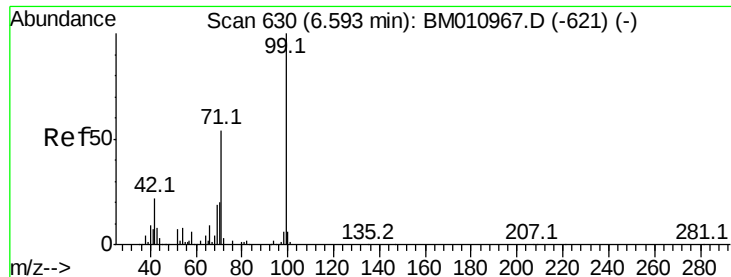


#5

2-Fluorophenol
Concen: 87.946 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011136.D
Acq: 05 Aug 2017 02:26

Tgt Ion:112 Resp: 692385
Ion Ratio Lower Upper
112 100
64 82.5 38.6 57.8#
63 54.1 19.3 28.9#





#7

Phenol-d6

Concen: 74.552 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011136.D

Acq: 05 Aug 2017 02:26

Instrument :

BNA_M

ClientSampleId :

S-STOCKPILE-COMP

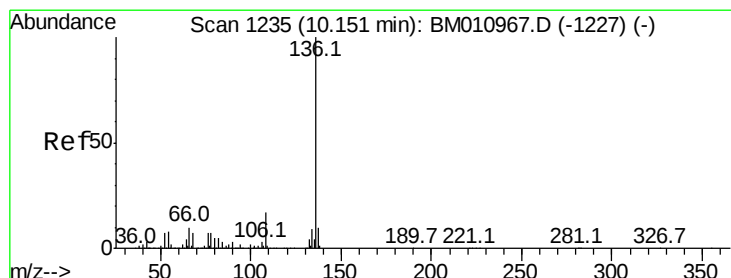
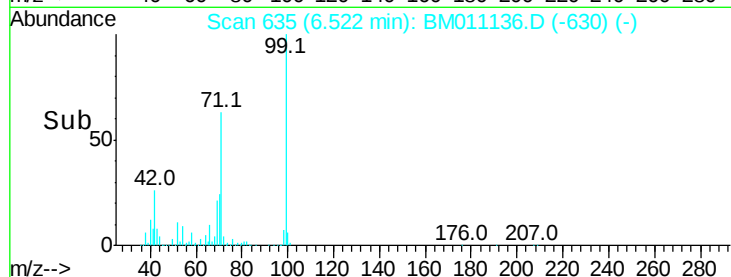
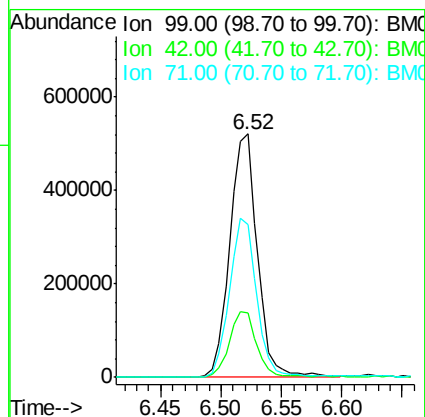
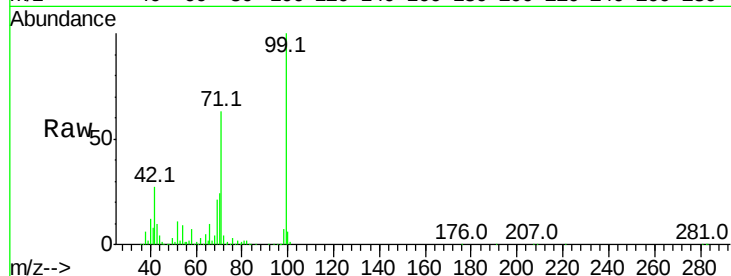
Tot Ion: 99 Resp: 833925

Ion Ratio Lower Upper

99 100

42 26.5 11.0 16.4#

71 62.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011136.D

Acq: 05 Aug 2017 02:26

Tgt Ion: 136 Resp: 443523

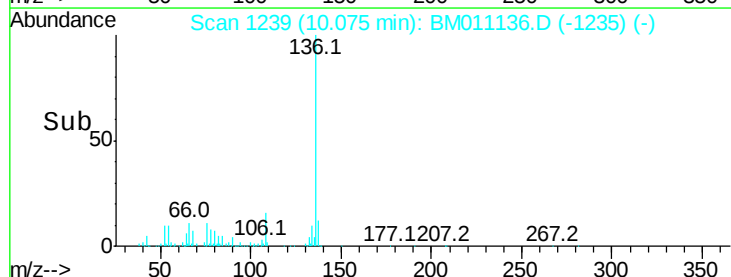
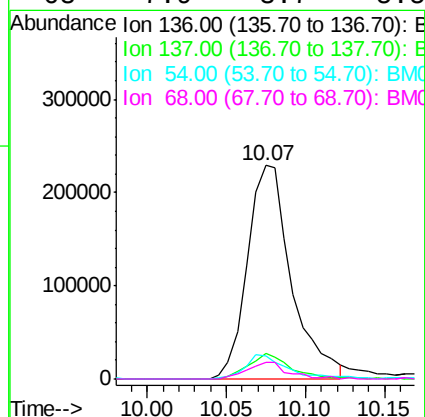
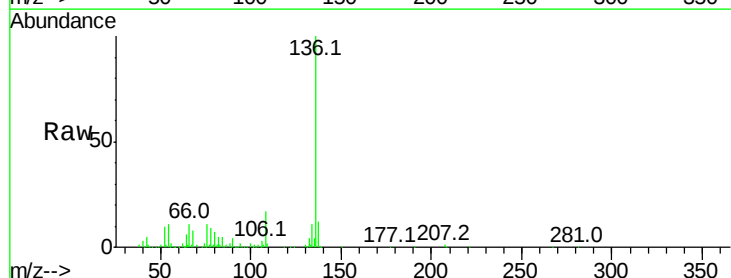
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 10.7 4.6 6.8#

68 7.9 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 52.762 ng

RT: 8.46 min Scan# 965

Delta R.T. -0.08 min

Lab File: BM011136.D

Acq: 05 Aug 2017 02:26

Instrument :

BNA_M

ClientSampleId :

S-STOCKPILE-COMP

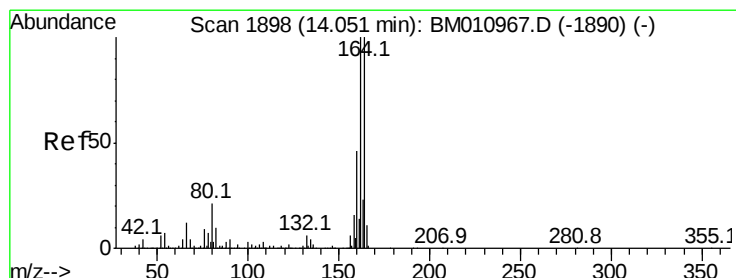
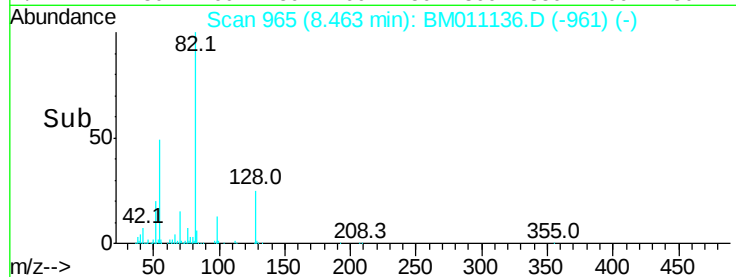
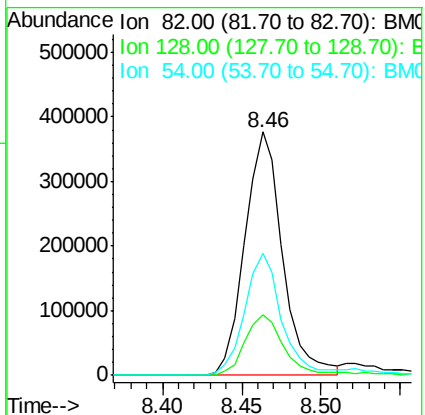
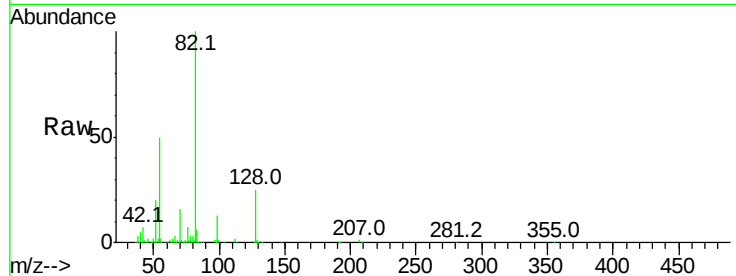
Tot Ion: 82 Resp: 623506

Ion Ratio Lower Upper

82 100

128 24.8 32.8 49.2#

54 49.9 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1903

Delta R.T. -0.07 min

Lab File: BM011136.D

Acq: 05 Aug 2017 02:26

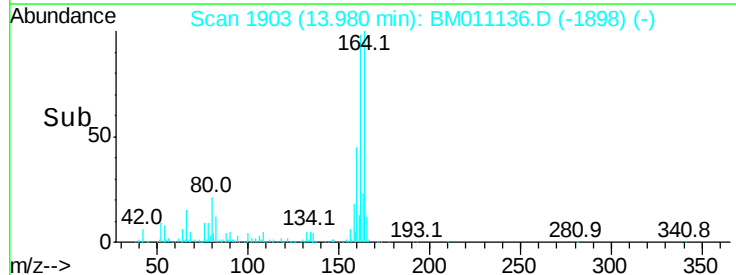
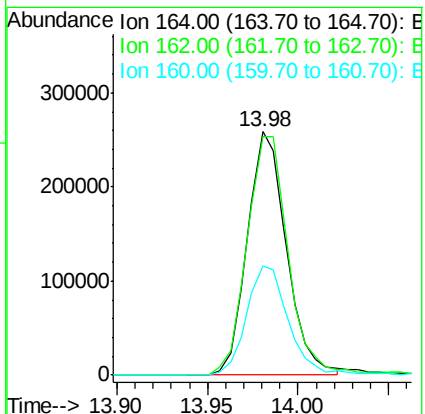
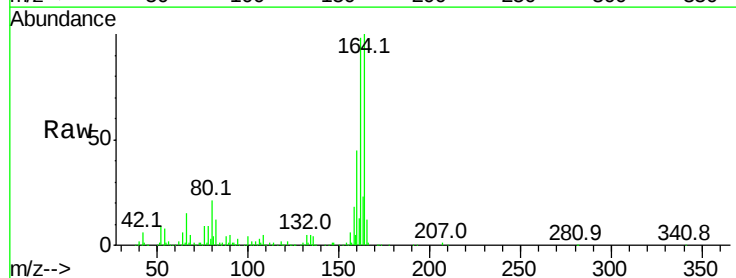
Tgt Ion:164 Resp: 388107

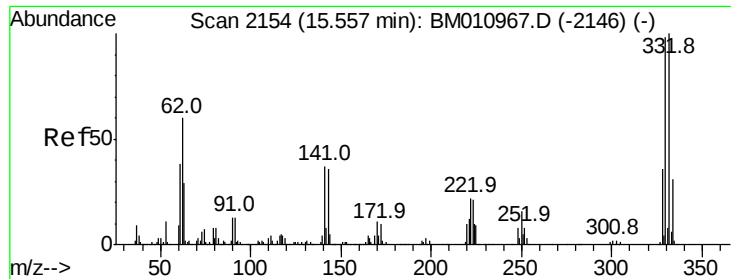
Ion Ratio Lower Upper

164 100

162 97.8 82.4 123.6

160 44.9 35.8 53.6

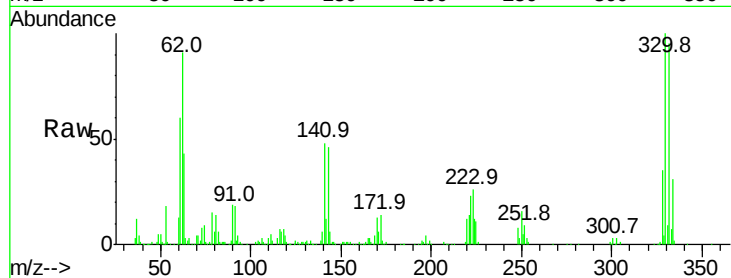




#41
 2,4,6-Tribromophenol
 Concen: 92.178 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011136.D
 Acq: 05 Aug 2017 02:26

Instrument :
 BNA_M
 ClientSampleId :
 S-STOCKPILE-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	0.0	0.0#
141	46.4	0.0	0.0#

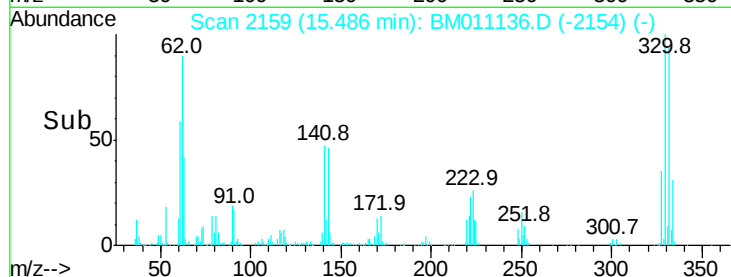
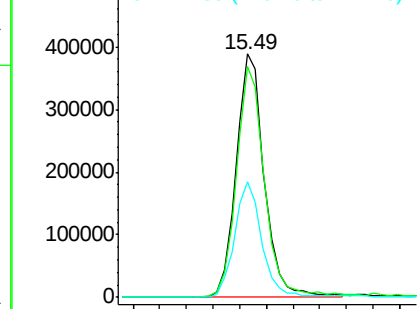


Abundance

Ion 329.80 (329.50 to 330.50): E

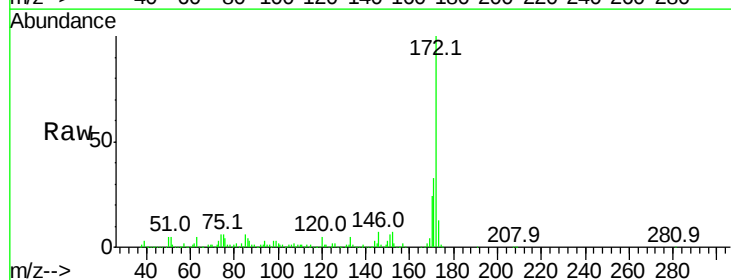
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 48.859 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011136.D
 Acq: 05 Aug 2017 02:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.1	28.5	42.7
170	23.8	18.8	28.2

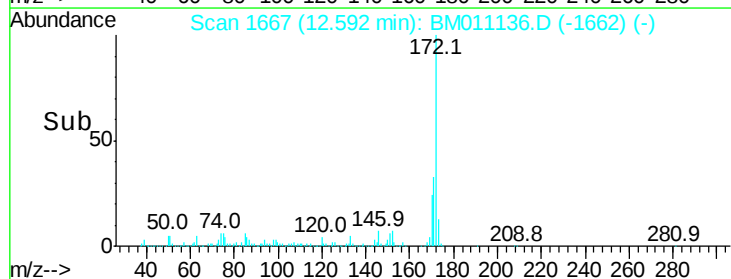
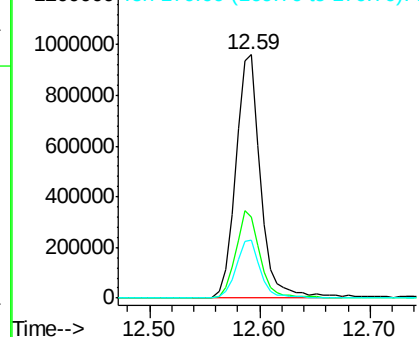


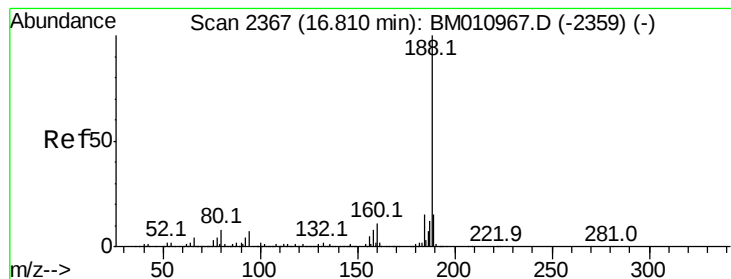
Abundance

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: 16.74 min Scan# 2372

Delta R.T. -0.07 min

Lab File: BM011136.D

Acq: 05 Aug 2017 02:26

Instrument :

BNA_M

ClientSampleId :

S-STOCKPILE-COMP

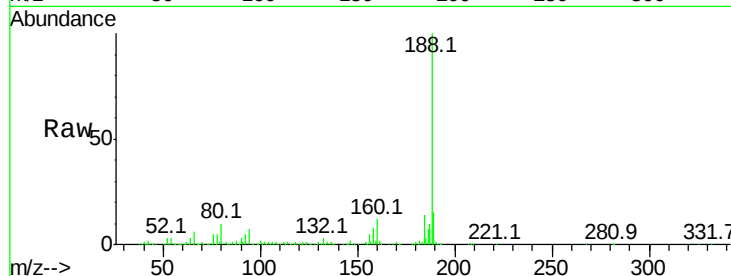
Tot Ion:188 Resp: 1021278

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

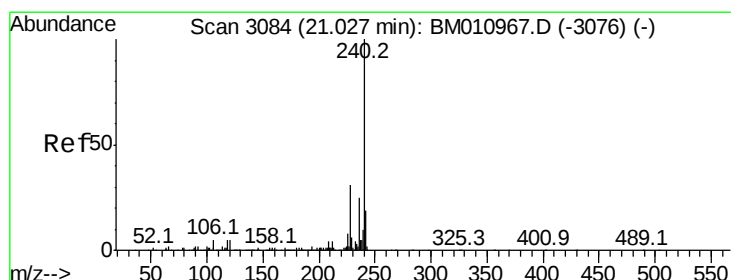
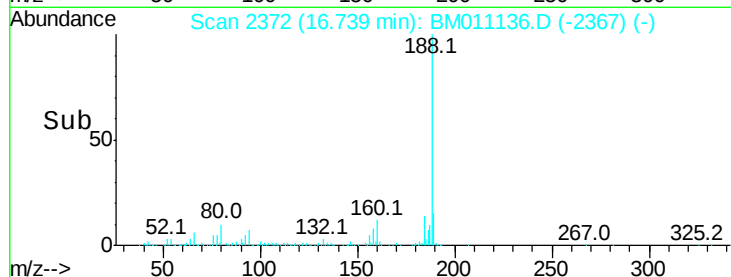
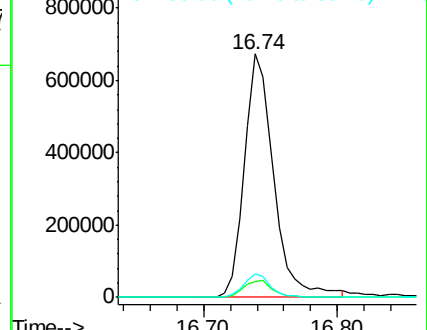
80 9.8 9.3 13.9



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: 20.97 min Scan# 3091

Delta R.T. -0.06 min

Lab File: BM011136.D

Acq: 05 Aug 2017 02:26

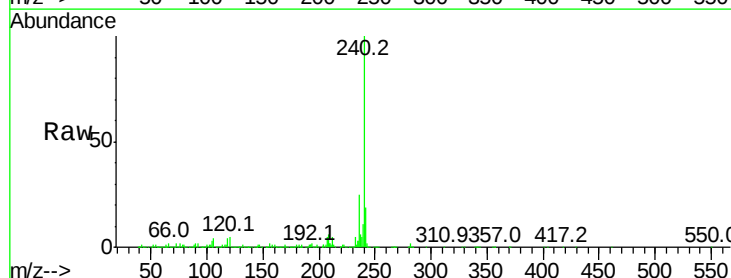
Tgt Ion:240 Resp: 1271238

Ion Ratio Lower Upper

240 100

120 4.5 8.2 12.2#

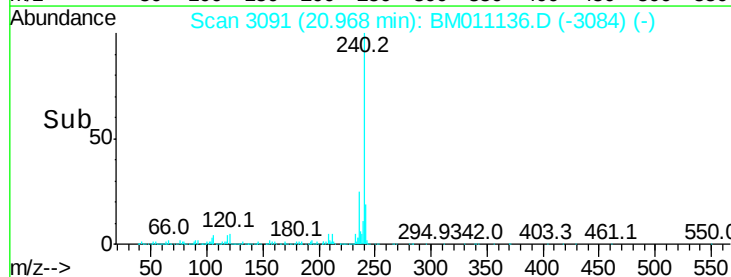
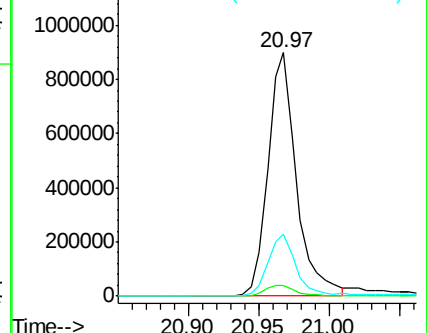
236 25.2 20.0 30.0

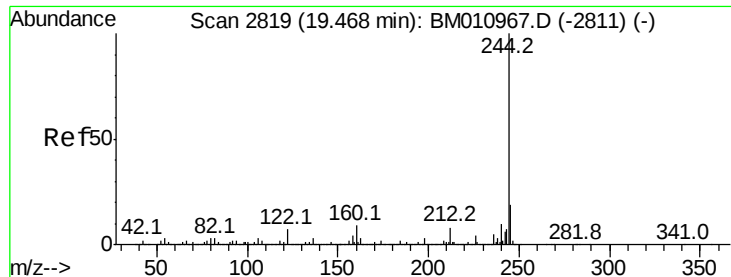


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

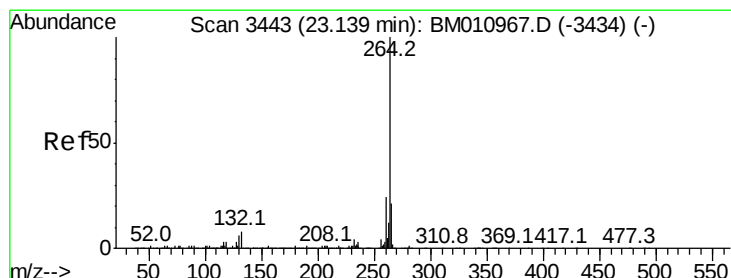
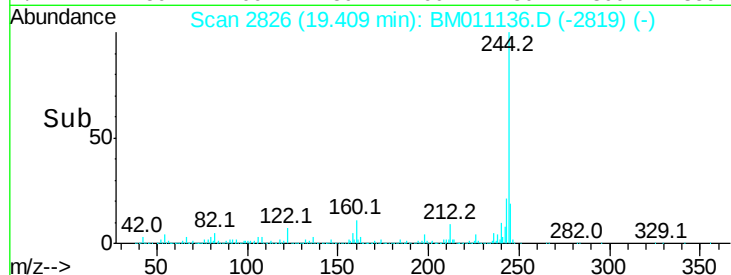
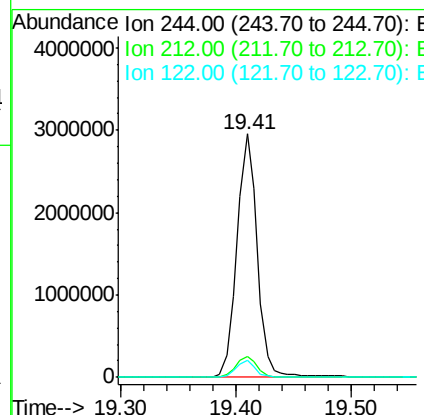
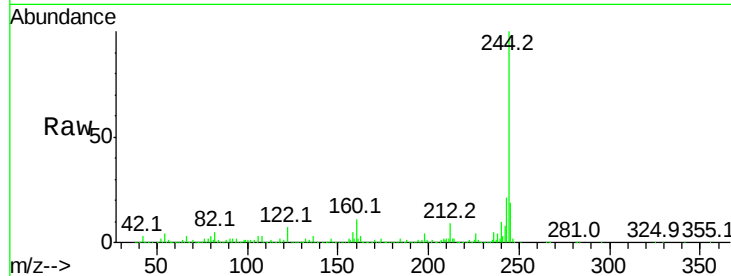




#78
 Terphenyl-d14
 Concen: 56.265 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011136.D
 Acq: 05 Aug 2017 02:26

Instrument :
 BNA_M
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 S-STOCKPILE-COMP

Tot Ion:244 Resp: 3610849
 Ion Ratio Lower Upper
 244 100
 212 8.6 4.9 7.3#
 122 6.9 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.05 min Scan# 3445
 Delta R.T. -0.09 min
 Lab File: BM011136.D
 Acq: 05 Aug 2017 02:26

Tgt Ion:264 Resp: 1335940
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 27.8
 265 20.5 17.3 25.9

