

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011013.D
 Acq On : 27 Jul 2017 16:35
 Operator : SJ/JU
 Sample : I4432-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP

Quant Time: Jul 28 01:05:23 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	166297	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	599644	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	402804	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1001050	20.00	ng	0.00
75) Chrysene-d12	21.02	240	872654	20.00	ng	0.00
86) Perylene-d12	23.13	264	683638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	175417	17.83	ng	0.00
7) Phenol-d6	6.58	99	227608	16.28	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1459996	91.38	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	242580	37.57	ng	-0.01
44) 2-Fluorobiphenyl	12.66	172	2728437	84.95	ng	0.00
78) Terphenyl-d14	19.47	244	4071728	92.43	ng	0.00

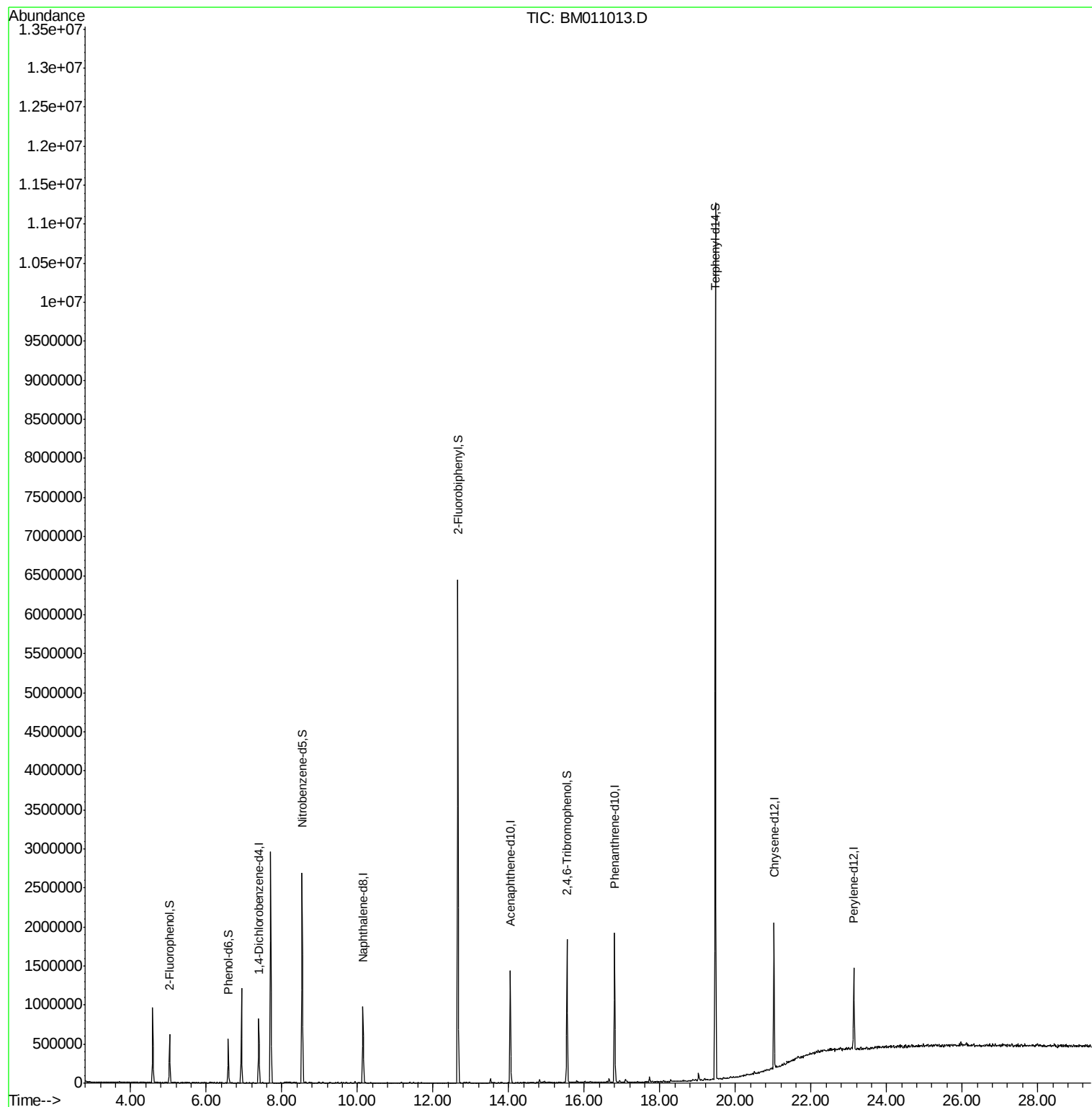
Target Compounds Qvalue

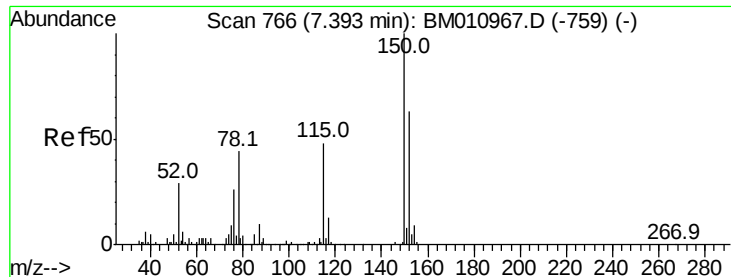
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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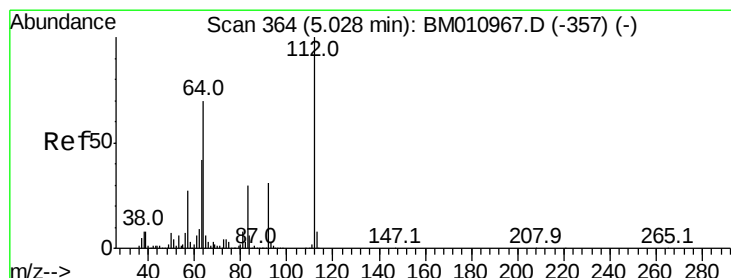
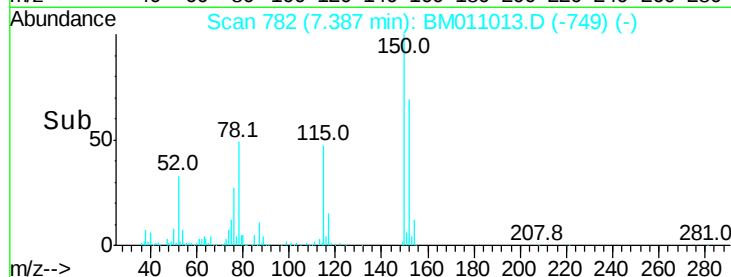
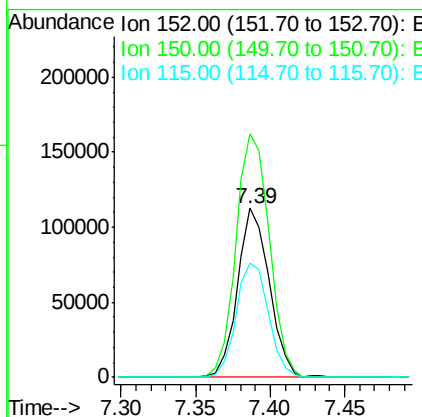
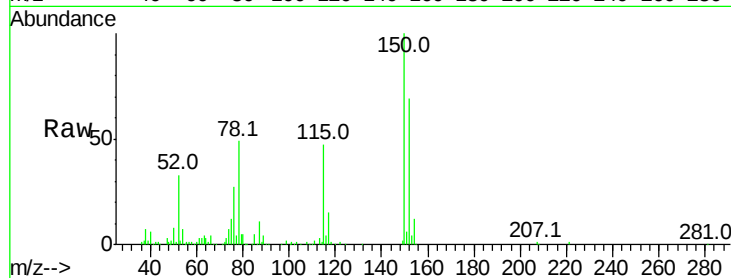


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011013.D
Acq: 27 Jul 2017 16:35

Instrument :
BNA_M
ClientSampled :
DUP

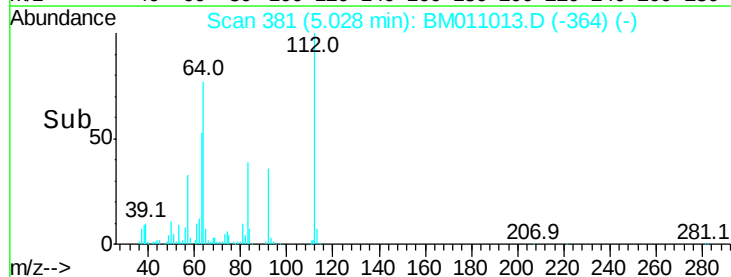
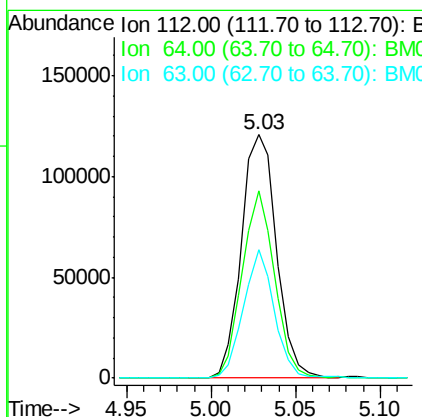
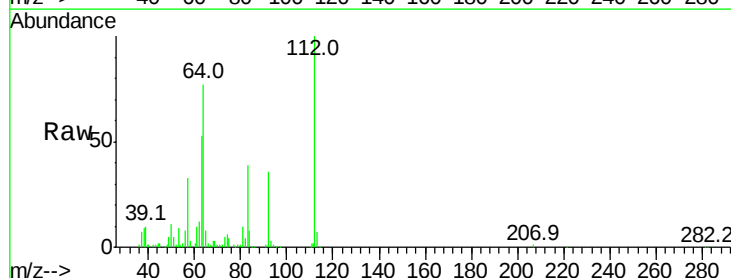
Tot Ion:152 Resp: 166297
Ion Ratio Lower Upper
152 100
150 144.1 119.5 179.3
115 67.6 43.0 64.4#

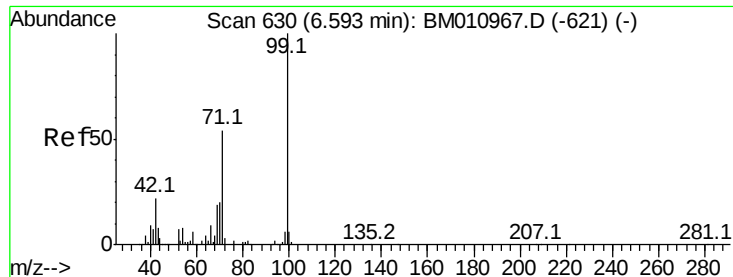


#5

2-Fluorophenol
Concen: 17.831 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011013.D
Acq: 27 Jul 2017 16:35

Tgt Ion:112 Resp: 175417
Ion Ratio Lower Upper
112 100
64 77.0 38.6 57.8#
63 52.9 19.3 28.9#





#7

Phenol-d6

Concen: 16.284 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011013.D

Acq: 27 Jul 2017 16:35

Instrument :

BNA_M

ClientSampleId :

DUP

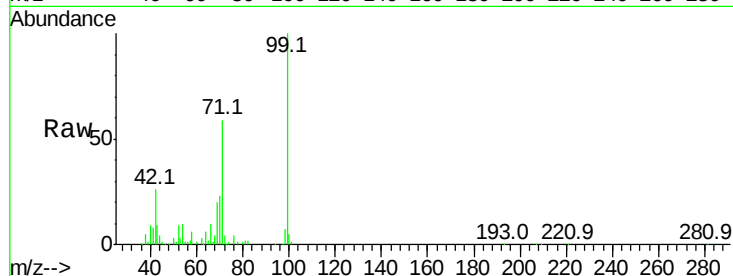
Tot Ion: 99 Resp: 227608

Ion Ratio Lower Upper

99 100

42 26.0 11.0 16.4#

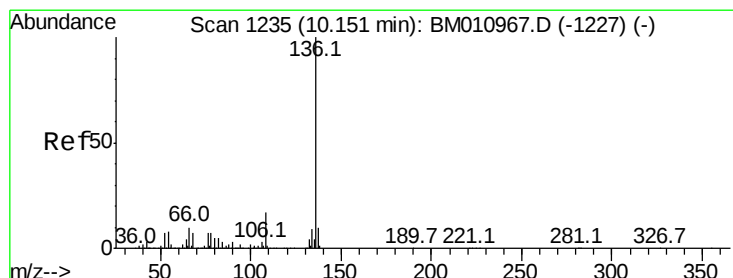
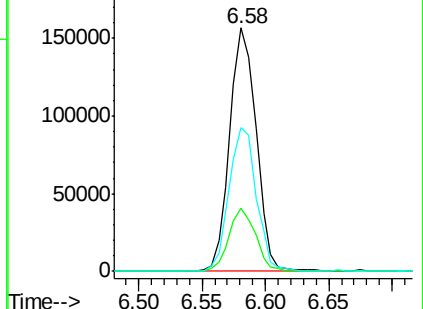
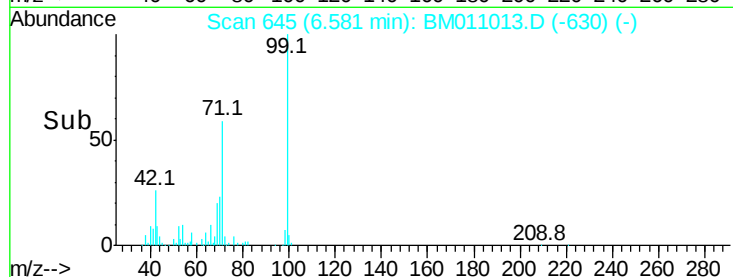
71 59.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011013.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011013.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011013.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011013.D

Acq: 27 Jul 2017 16:35

Tgt Ion: 136 Resp: 599644

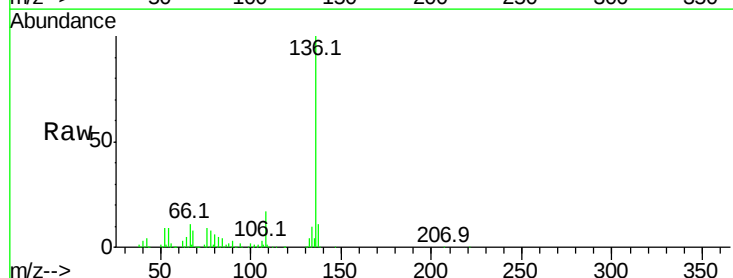
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.0 4.6 6.8#

68 8.1 3.7 5.5#

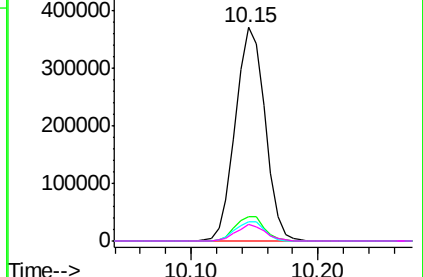
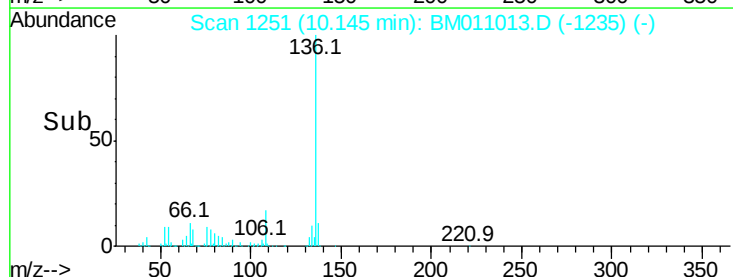


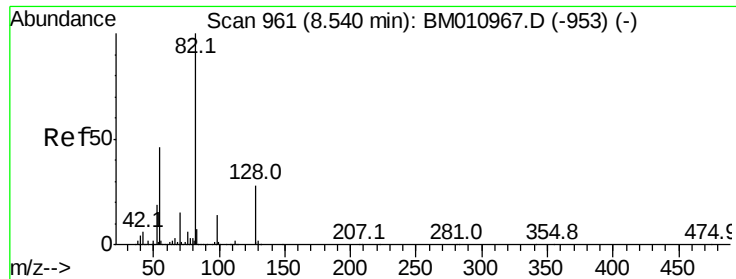
Abundance Ion 136.00 (135.70 to 136.70): BM011013.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011013.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011013.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011013.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 91.381 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011013.D

Acq: 27 Jul 2017 16:35

Instrument :

BNA_M

ClientSampleId :

DUP

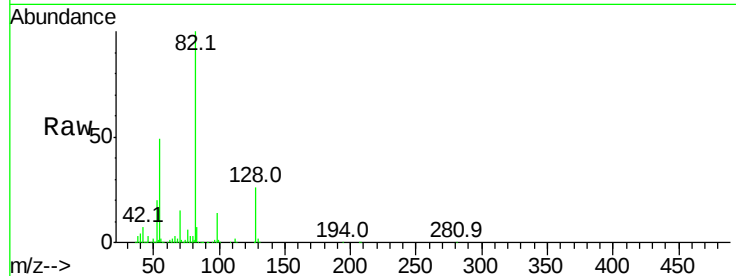
Tot Ion: 82 Resp: 1459996

Ion Ratio Lower Upper

82 100

128 25.9 32.8 49.2#

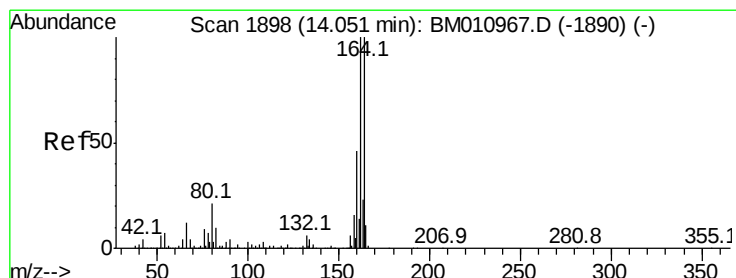
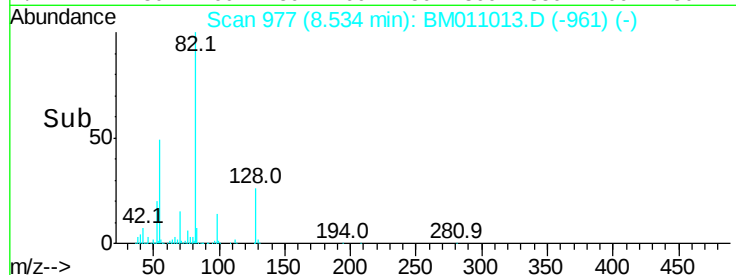
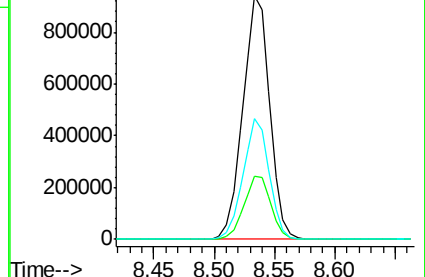
54 49.4 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011013.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011013.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011013.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM011013.D

Acq: 27 Jul 2017 16:35

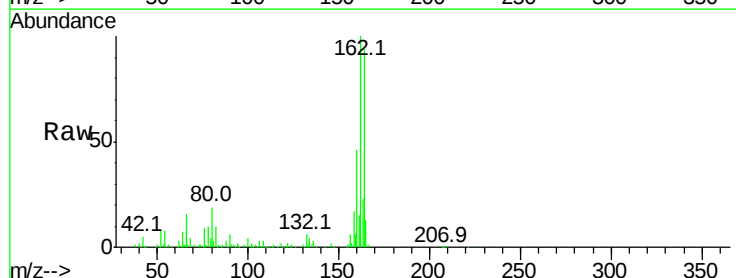
Tgt Ion: 164 Resp: 402804

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

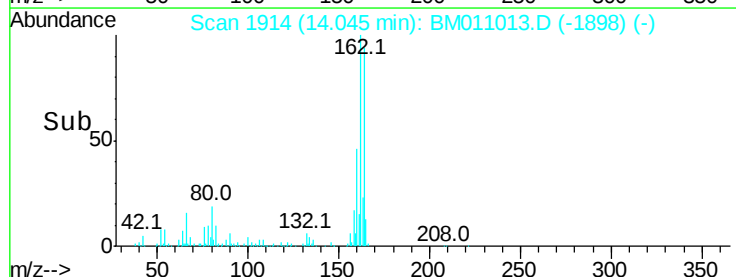
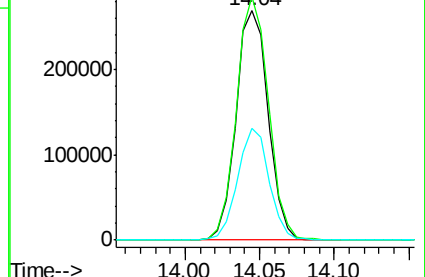
160 48.6 35.8 53.6

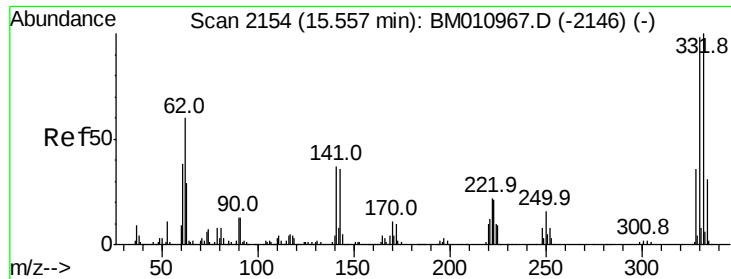


Abundance Ion 164.00 (163.70 to 164.70): BM011013.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011013.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011013.D (-1898) (-)

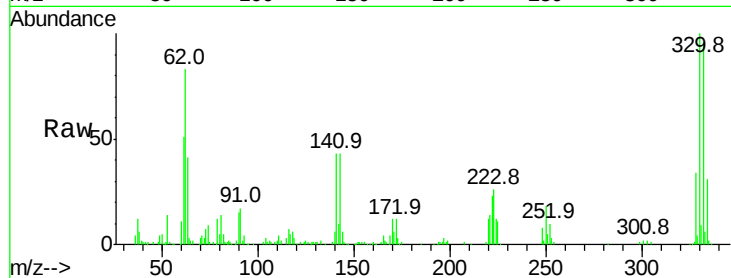




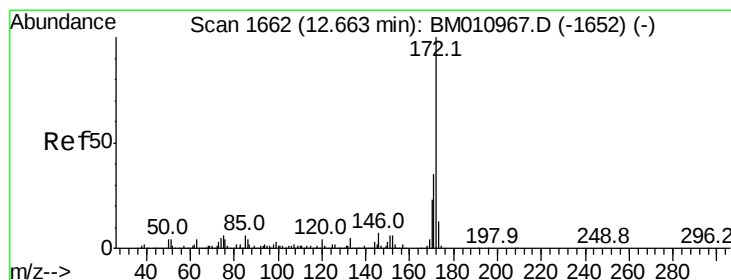
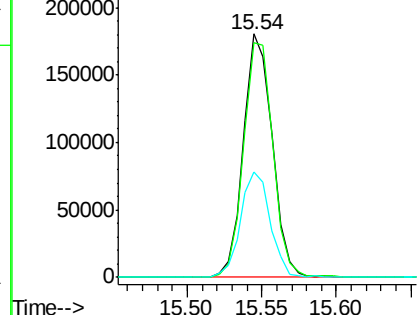
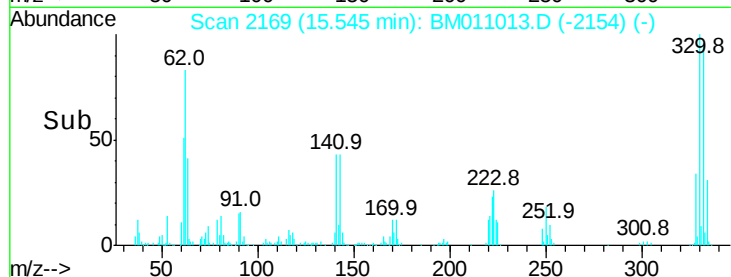
#41
 2,4,6-Tribromophenol
 Concen: 37.574 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011013.D
 Acq: 27 Jul 2017 16:35

Instrument :
 BNA_M
 ClientSampleID :
 DUP

Tot Ion:330 Resp: 242580
 Ion Ratio Lower Upper
 330 100
 332 98.3 0.0 0.0#
 141 44.6 0.0 0.0#

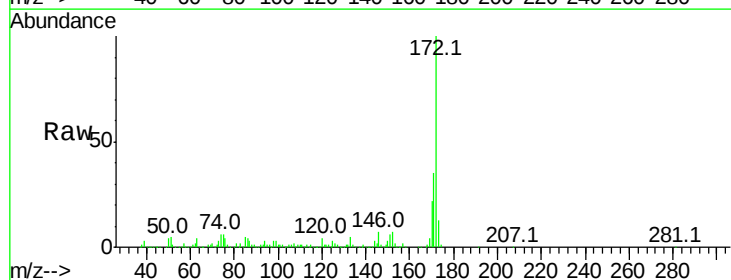


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

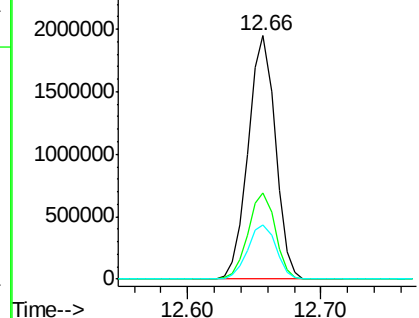
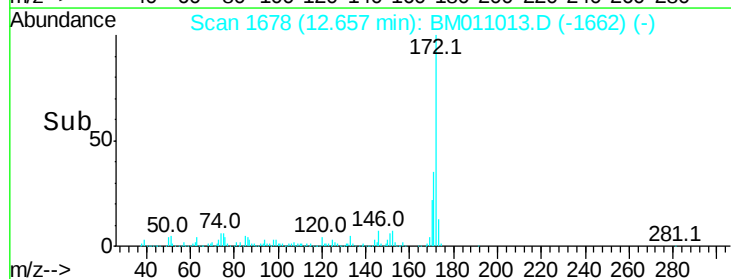


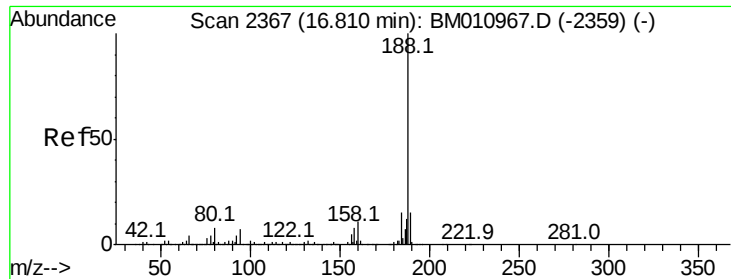
#44
 2-Fluorobiphenyl
 Concen: 84.950 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011013.D
 Acq: 27 Jul 2017 16:35

Tgt Ion:172 Resp: 2728437
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 22.5 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: BM011013.D

Acq: 27 Jul 2017 16:35

Instrument :

BNA_M

ClientSampleId :

DUP

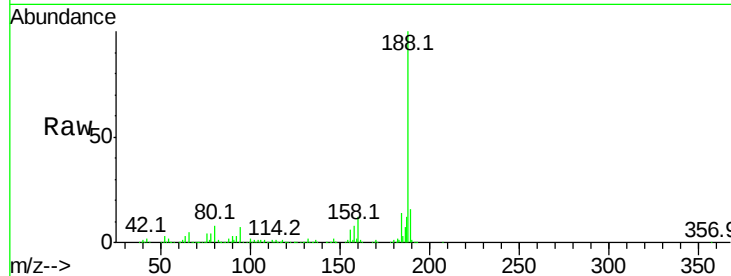
Tot Ion:188 Resp: 1001050

Ion Ratio Lower Upper

188 100

94 7.2 8.7 13.1#

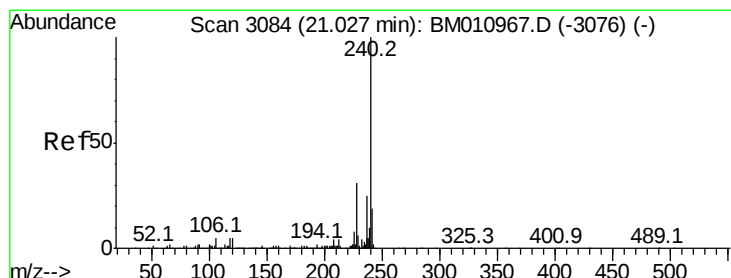
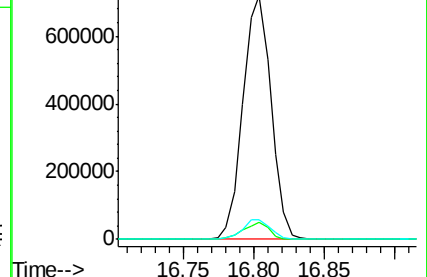
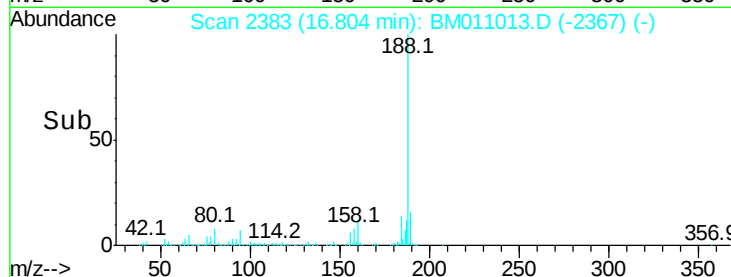
80 8.2 9.3 13.9#



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: BM011013.D

Acq: 27 Jul 2017 16:35

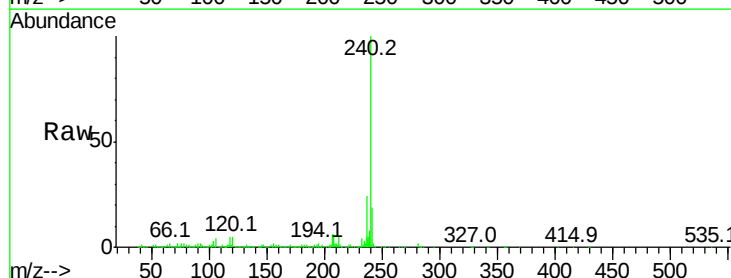
Tgt Ion:240 Resp: 872654

Ion Ratio Lower Upper

240 100

120 4.5 8.2 12.2#

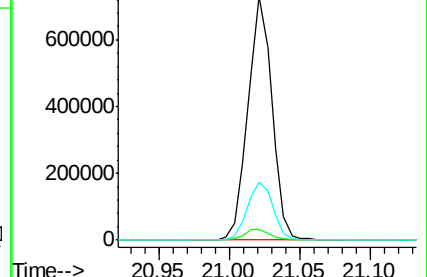
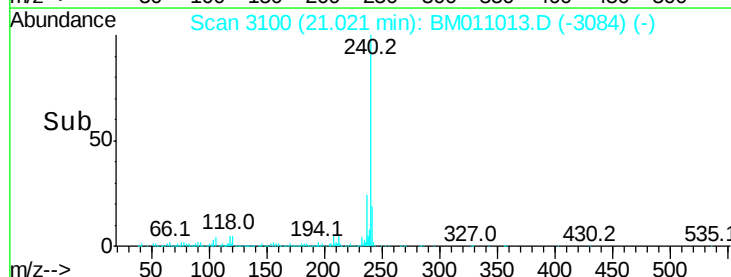
236 23.6 20.0 30.0

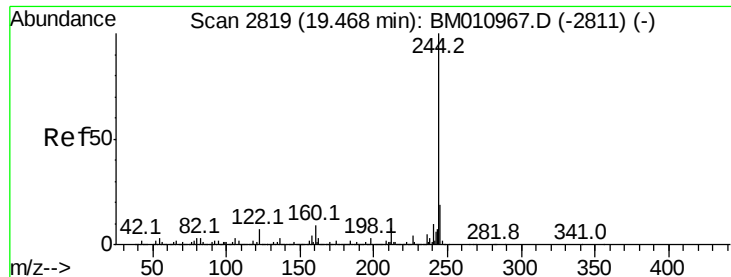


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.426 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011013.D

Acq: 27 Jul 2017 16:35

Instrument :

BNA_M

ClientSampleId :

DUP

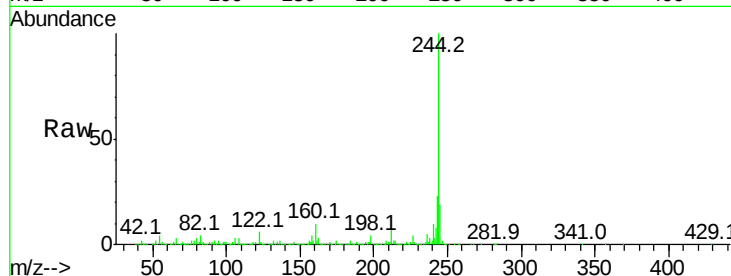
Tot Ion:244 Resp: 4071728

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

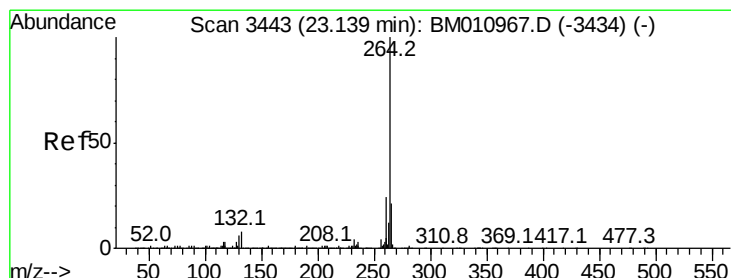
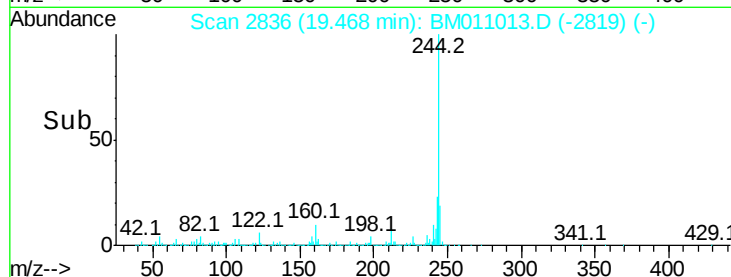
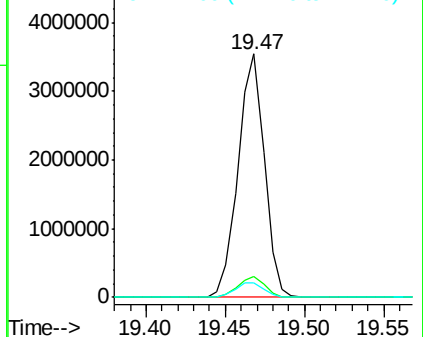
122 5.9 6.2 9.4#



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# 3459

Delta R.T. -0.01 min

Lab File: BM011013.D

Acq: 27 Jul 2017 16:35

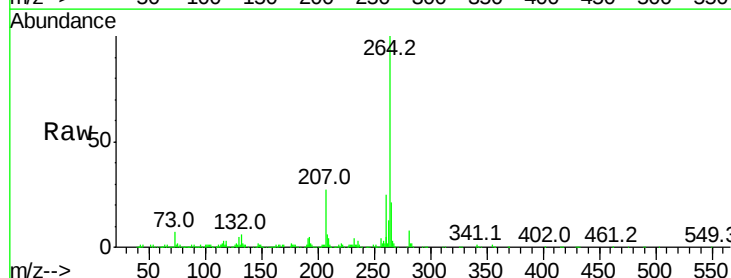
Tgt Ion:264 Resp: 683638

Ion Ratio Lower Upper

264 100

260 24.9 18.6 27.8

265 20.8 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

