

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011005.D
 Acq On : 27 Jul 2017 11:48
 Operator : SJ/JU
 Sample : I4424-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-072417-D

Quant Time: Jul 28 02:42:14 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	162007	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	599725	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	407272	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1102690	20.00	ng	0.00
75) Chrysene-d12	21.02	240	1392393	20.00	ng	0.00
86) Perylene-d12	23.13	264	966910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1294110	135.03	ng	0.00
7) Phenol-d6	6.59	99	1727393	126.86	ng	0.00
23) Nitrobenzene-d5	8.53	82	1509089	94.44	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1034460	158.47	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	2984207	91.89	ng	0.00
78) Terphenyl-d14	19.47	244	6046653	86.02	ng	0.00

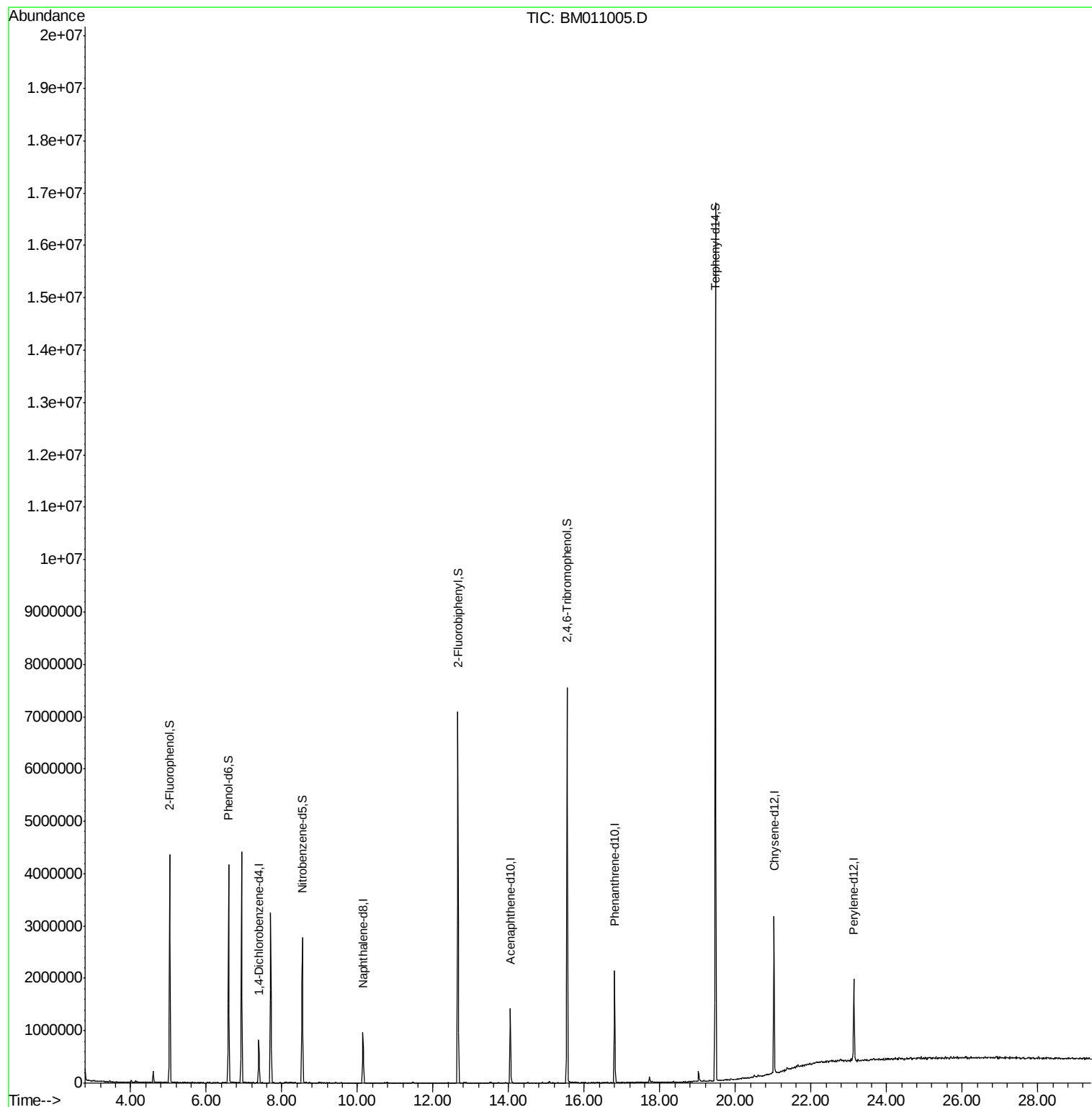
Target Compounds Qvalue

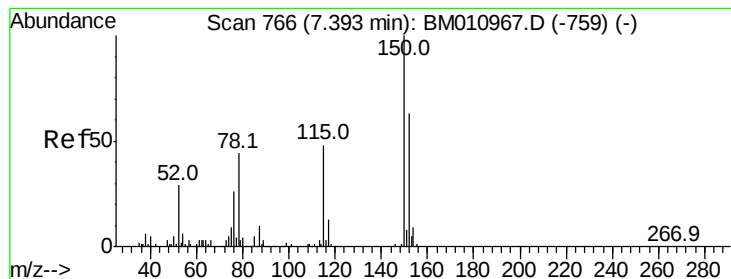
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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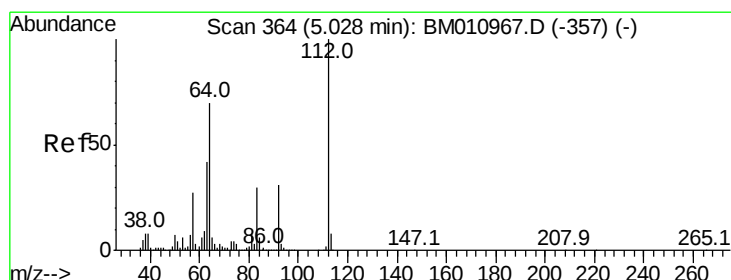
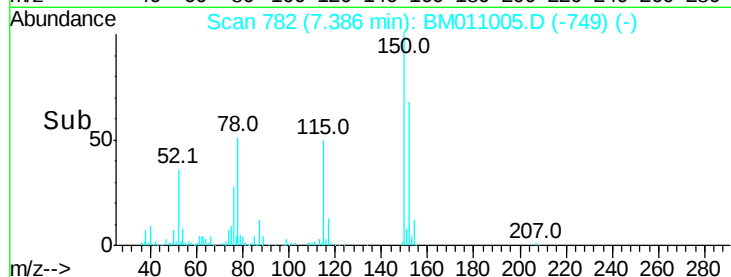
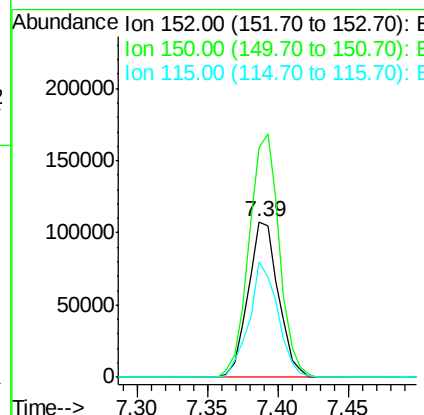
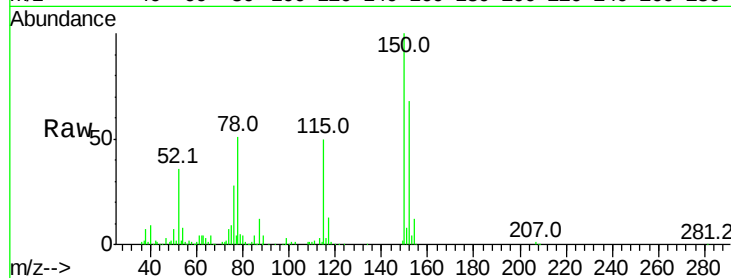


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011005.D
Acq: 27 Jul 2017 11:48

Instrument :
BNA_M
ClientSampleId :
AU-06-072417-D

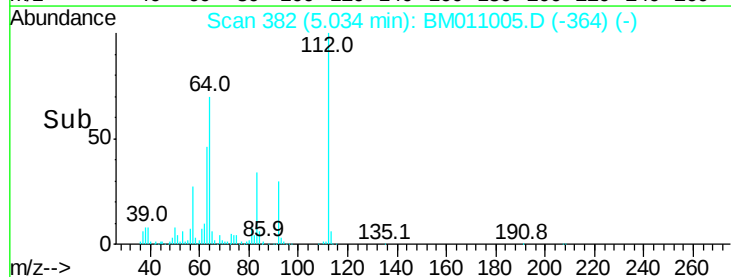
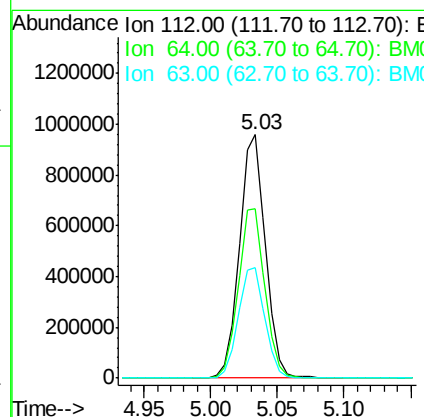
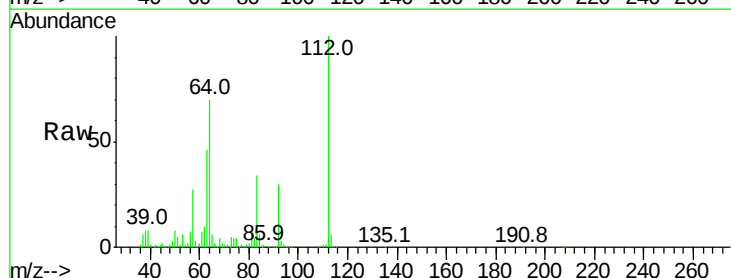
Tot Ion:152 Resp: 162007
Ion Ratio Lower Upper
152 100
150 147.3 119.5 179.3
115 74.0 43.0 64.4#

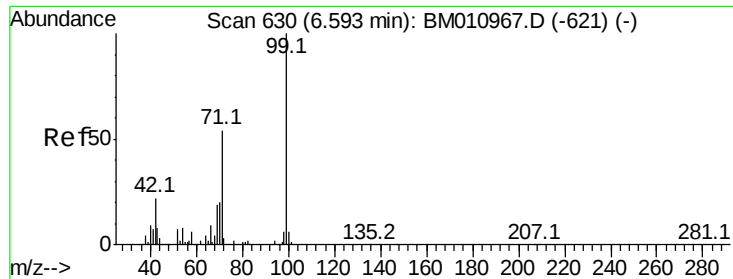


#5

2-Fluorophenol
Concen: 135.032 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM011005.D
Acq: 27 Jul 2017 11:48

Tgt Ion:112 Resp: 1294110
Ion Ratio Lower Upper
112 100
64 69.5 38.6 57.8#
63 45.5 19.3 28.9#





#7

Phenol-d6

Concen: 126.858 ng

RT: 6.59 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM011005.D

Acq: 27 Jul 2017 11:48

Instrument :

BNA_M

ClientSampleId :

AU-06-072417-D

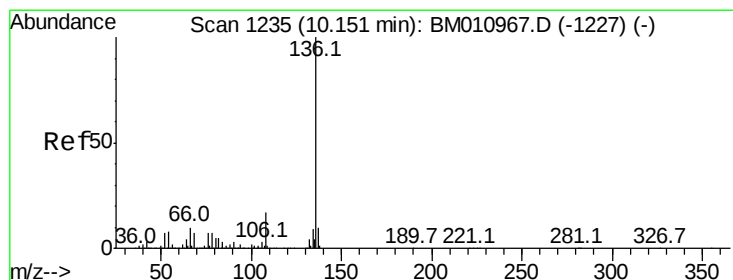
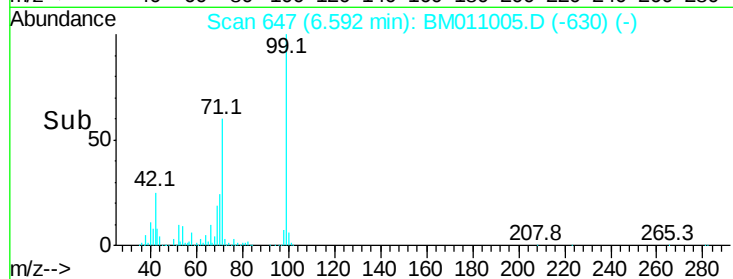
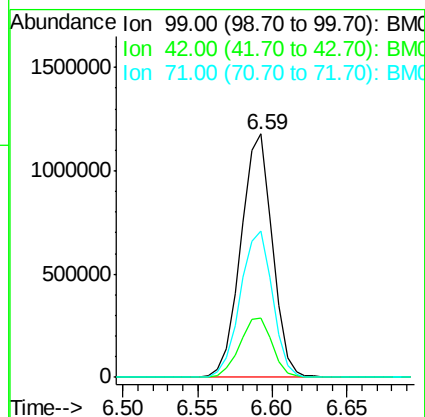
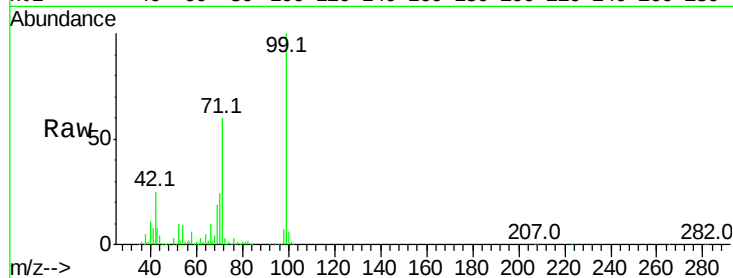
Tot Ion: 99 Resp: 1727393

Ion Ratio Lower Upper

99 100

42 24.6 11.0 16.4#

71 59.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011005.D

Acq: 27 Jul 2017 11:48

Tgt Ion: 136 Resp: 599725

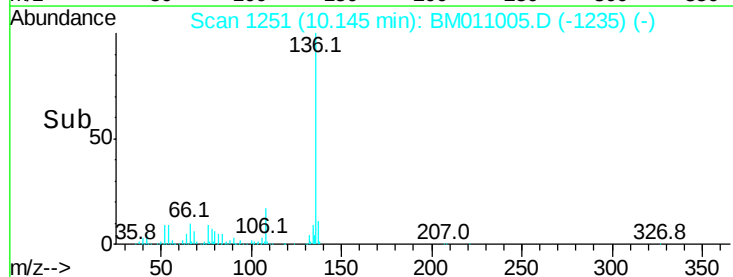
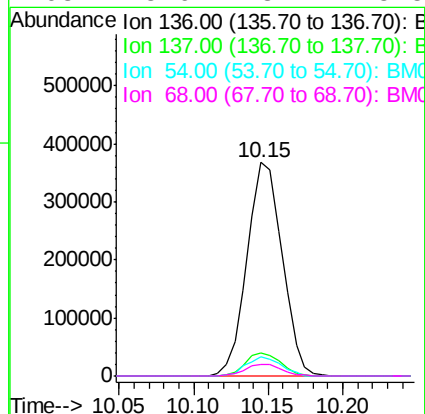
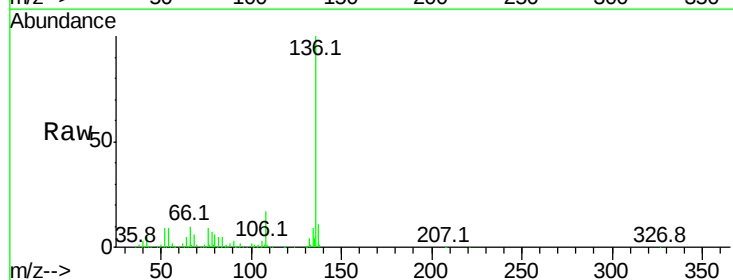
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.1 4.6 6.8#

68 5.6 3.7 5.5#

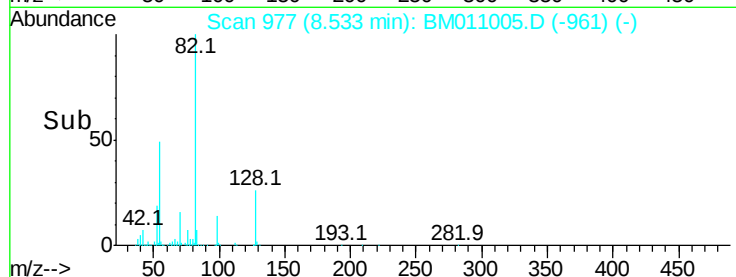
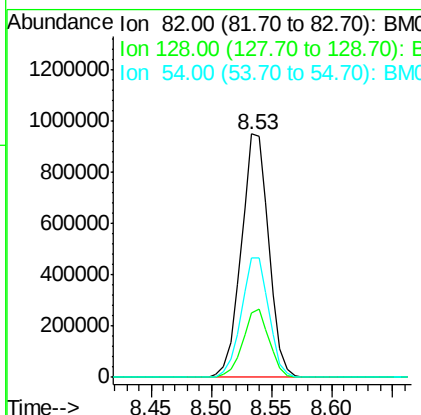
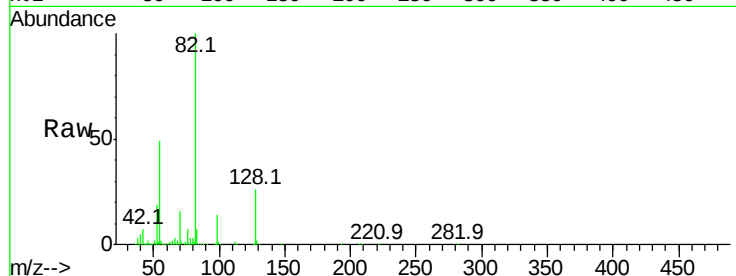




#23
 Nitrobenzene-d5
 Concen: 94.441 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011005.D
 Acq: 27 Jul 2017 11:48

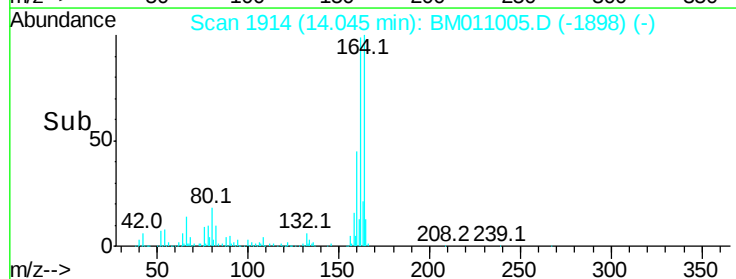
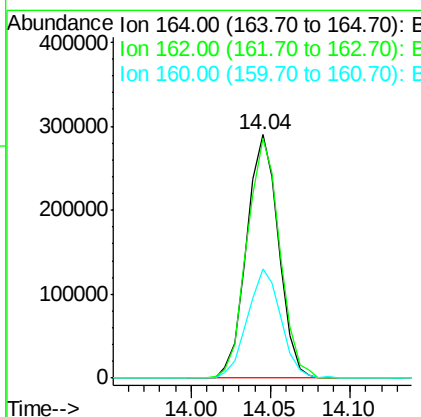
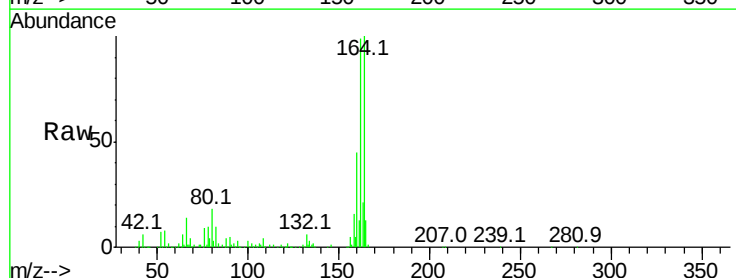
Instrument :
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 ClientSampleId :
 AU-06-072417-D

Tot Ion: 82 Resp: 1509089
 Ion Ratio Lower Upper
 82 100
 128 26.4 32.8 49.2#
 54 49.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.04 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM011005.D
 Acq: 27 Jul 2017 11:48

Tgt Ion:164 Resp: 407272
 Ion Ratio Lower Upper
 164 100
 162 98.6 82.4 123.6
 160 44.7 35.8 53.6

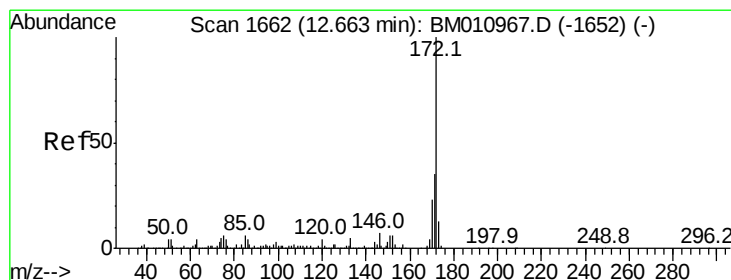
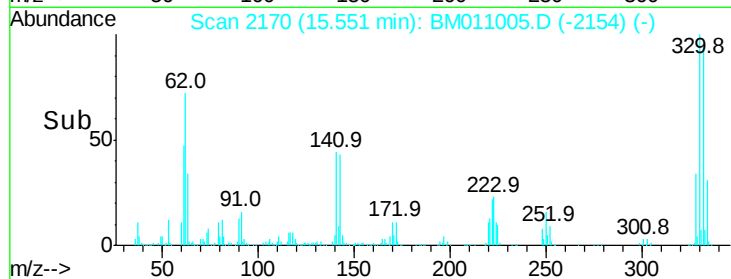
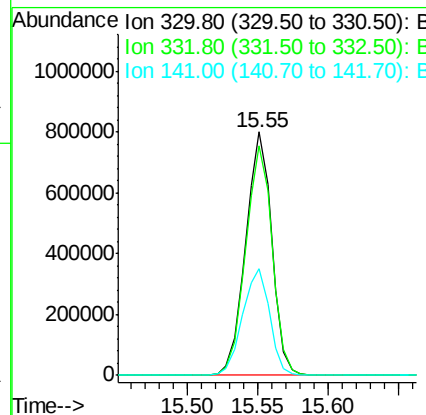
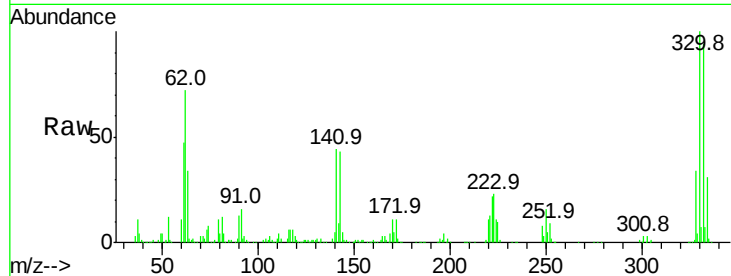




#41
 2,4,6-Tribromophenol
 Concen: 158.472 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011005.D
 Acq: 27 Jul 2017 11:48

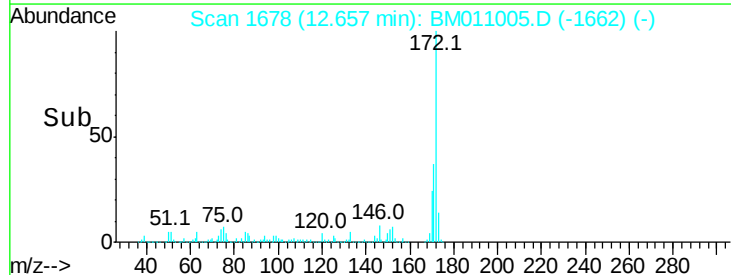
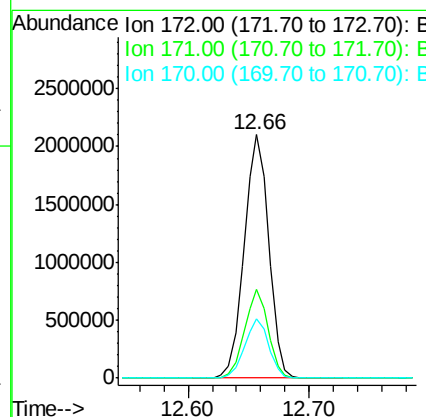
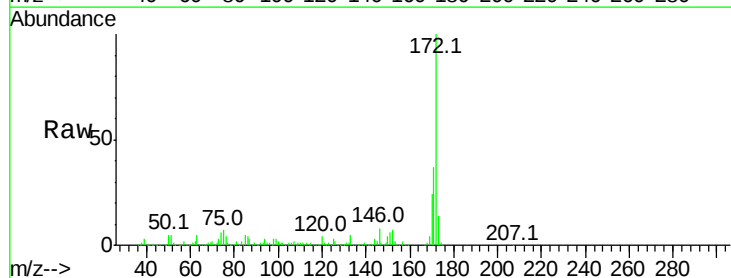
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-072417-D

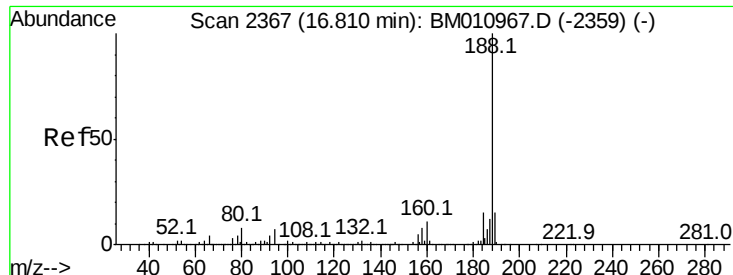
Tot Ion:330 Resp: 1034460
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 45.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 91.894 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011005.D
 Acq: 27 Jul 2017 11:48

Tgt Ion:172 Resp: 2984207
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.5 42.7
 170 24.1 18.8 28.2

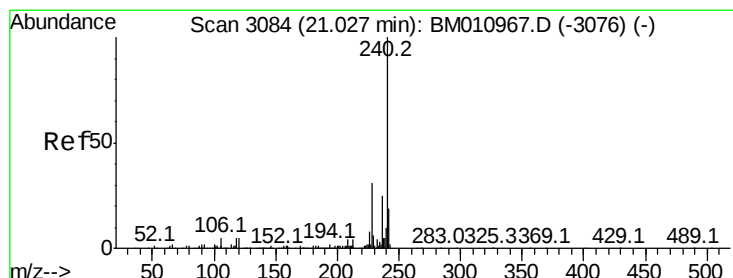
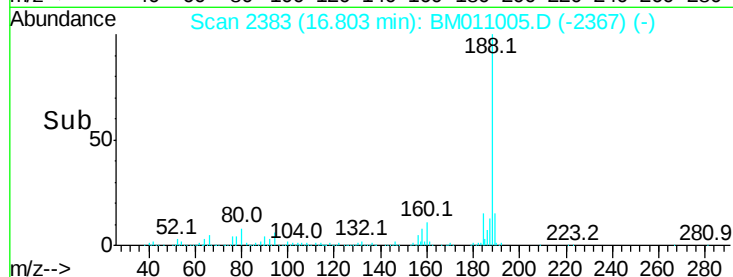
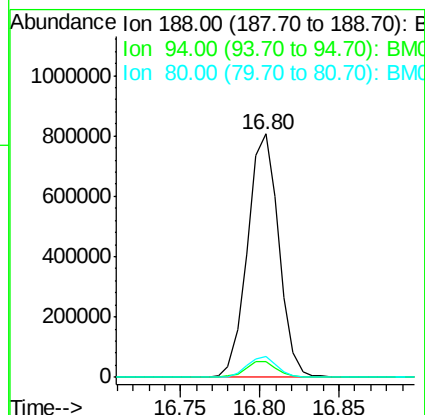
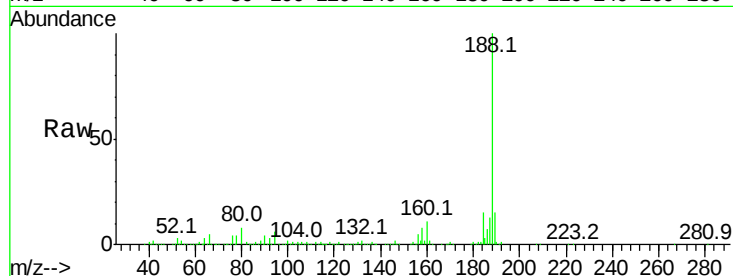




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM011005.D
Acq: 27 Jul 2017 11:48

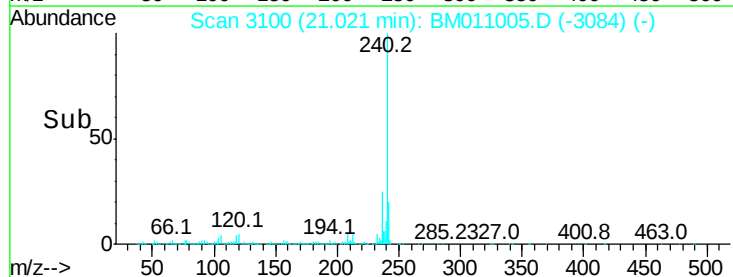
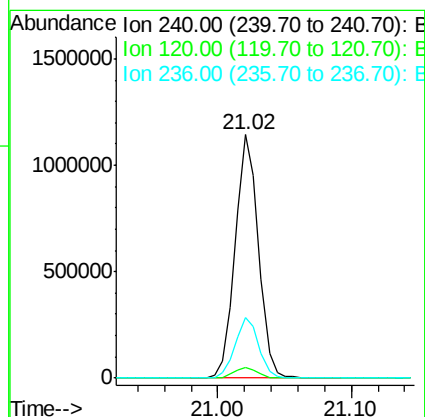
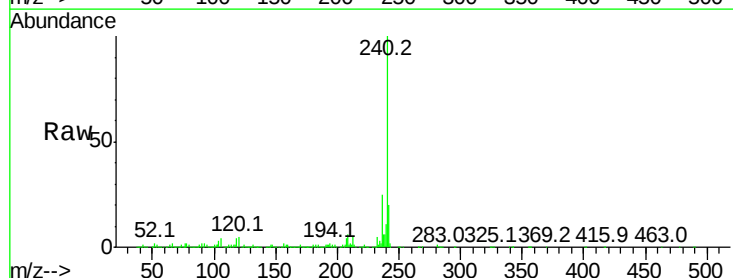
Instrument :
BNA_M
ClientSampleId :
AU-06-072417-D

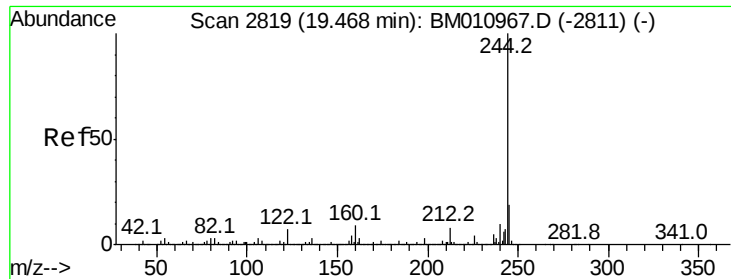
Tot Ion:188 Resp: 1102690
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 8.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011005.D
Acq: 27 Jul 2017 11:48

Tgt Ion:240 Resp: 1392393
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 24.6 20.0 30.0





#78

Terphenyl-d14

Concen: 86.022 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011005.D

Acq: 27 Jul 2017 11:48

Instrument :

BNA_M

ClientSampleId :

AU-06-072417-D

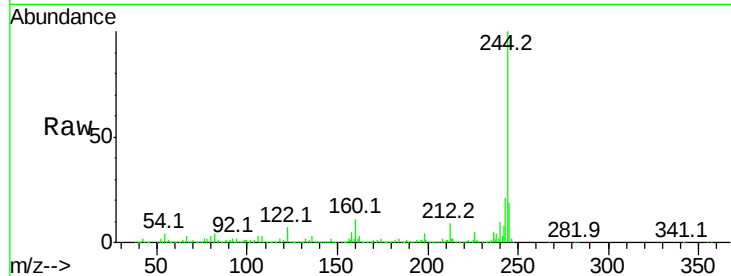
Tot Ion:244 Resp: 6046653

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

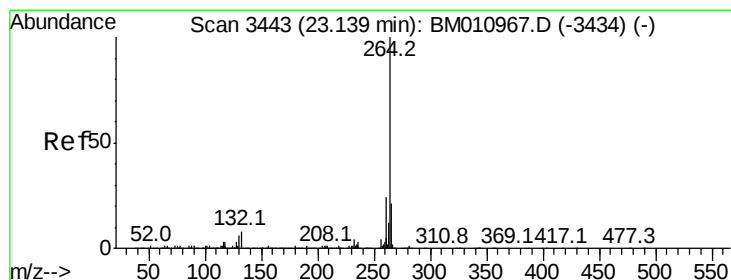
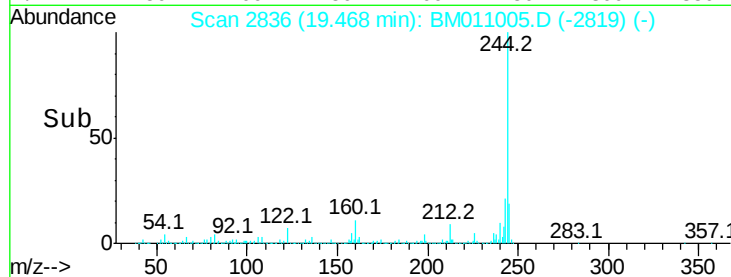
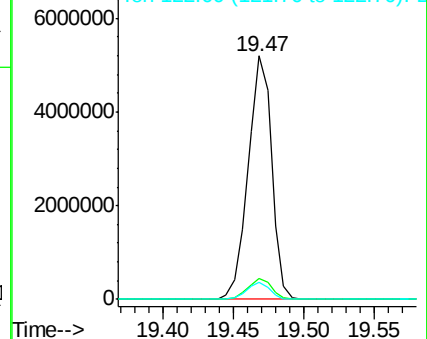
122 7.0 6.2 9.4



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: BM011005.D

Acq: 27 Jul 2017 11:48

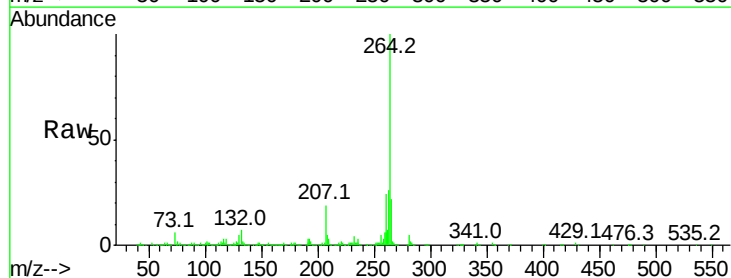
Tgt Ion:264 Resp: 966910

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.6 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

