

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011014.D
 Acq On : 27 Jul 2017 17:11
 Operator : SJ/JU
 Sample : I4432-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RINSEBLANK-GW

Quant Time: Jul 28 03:31:16 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	150268	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	566752	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	367261	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1027826	20.00	ng	0.00
75) Chrysene-d12	21.02	240	1208352	20.00	ng	0.00
86) Perylene-d12	23.13	264	971641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	626996	70.53	ng	0.00
7) Phenol-d6	6.58	99	541110	42.84	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1559697	103.29	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	948594	161.15	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3013077	102.89	ng	0.00
78) Terphenyl-d14	19.47	244	5666383	92.89	ng	0.00

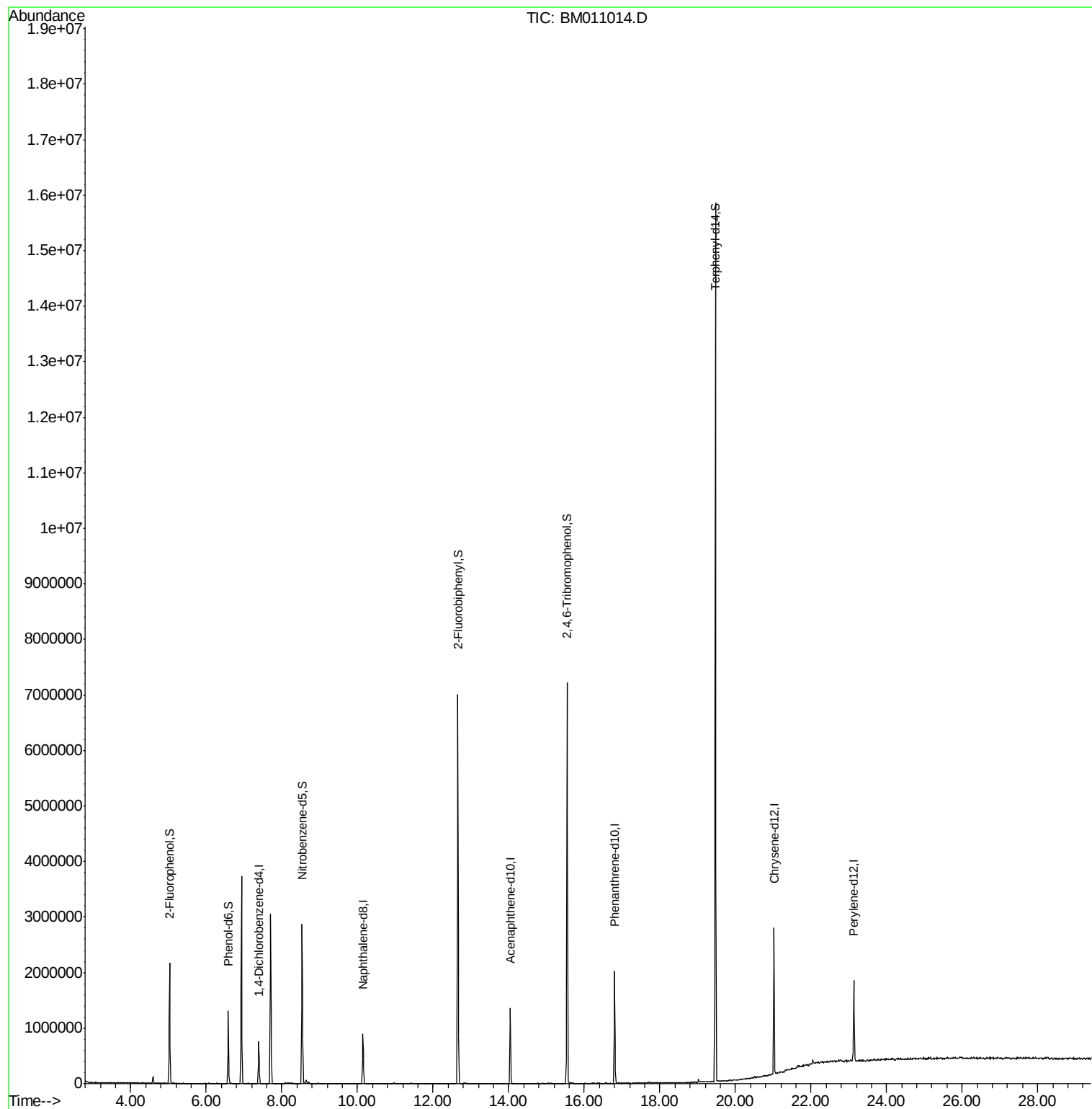
Target Compounds Qvalue

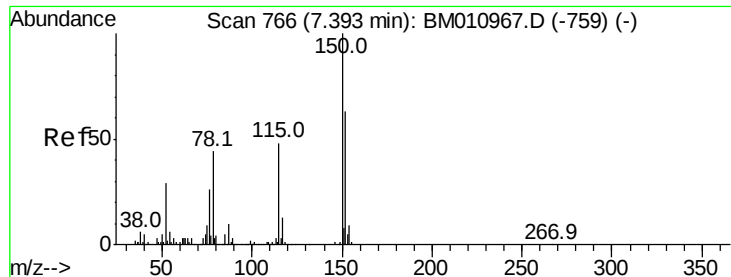
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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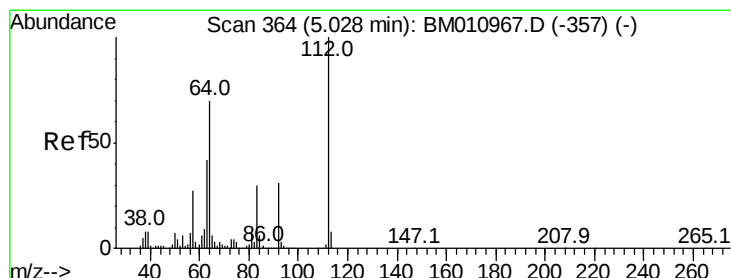
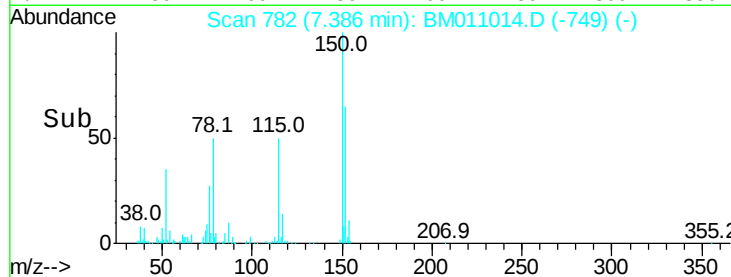
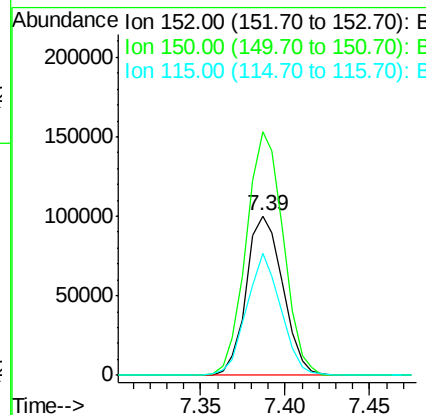
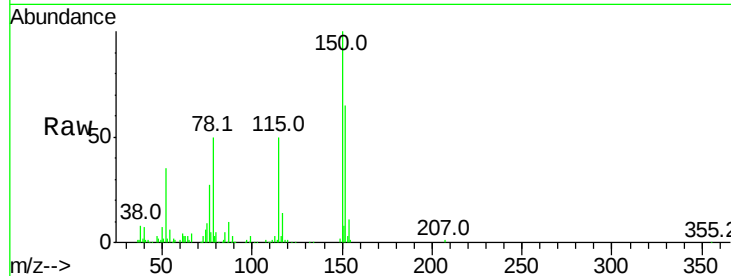


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011014.D
Acq: 27 Jul 2017 17:11

Instrument :
BNA_M
ClientSampleId :
RINSEBLANK-GW

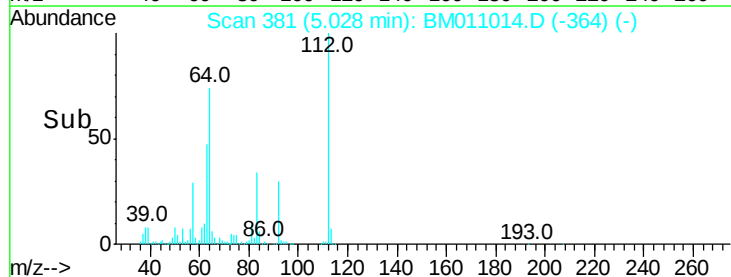
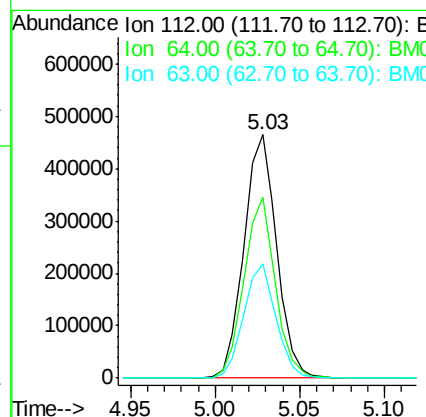
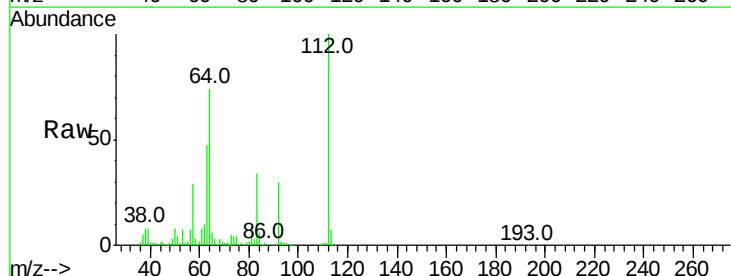
Tot Ion:152 Resp: 150268
Ion Ratio Lower Upper
152 100
150 152.8 119.5 179.3
115 76.3 43.0 64.4#



#5

2-Fluorophenol
Concen: 70.534 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011014.D
Acq: 27 Jul 2017 17:11

Tgt Ion:112 Resp: 626996
Ion Ratio Lower Upper
112 100
64 74.3 38.6 57.8#
63 46.8 19.3 28.9#





#7

Phenol-d6

Concen: 42.843 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011014.D

Acq: 27 Jul 2017 17:11

Instrument :

BNA_M

ClientSampleId :

RINSEBLANK-GW

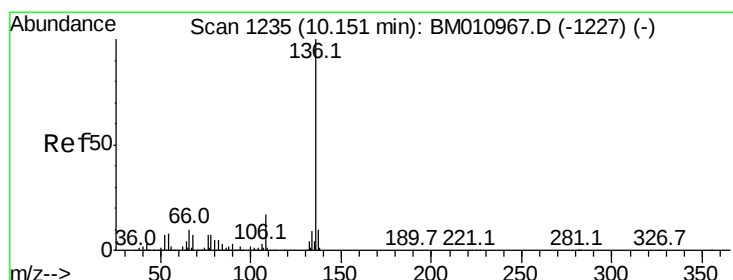
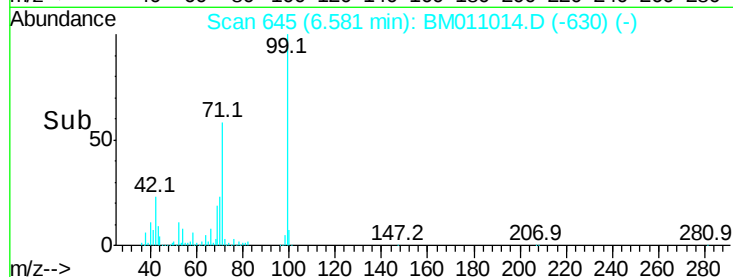
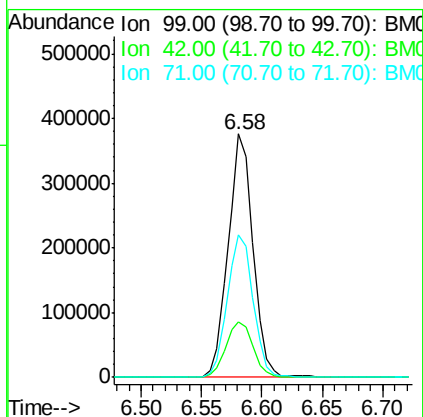
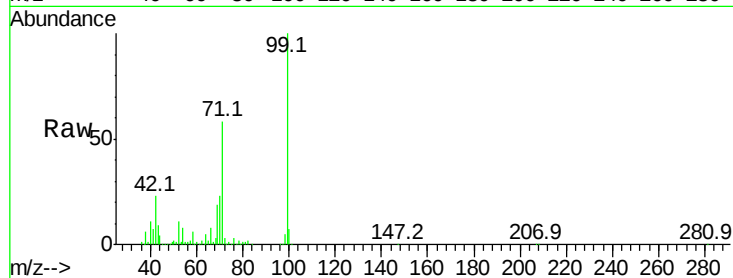
Tot Ion: 99 Resp: 541110

Ion Ratio Lower Upper

99 100

42 23.0 11.0 16.4#

71 58.5 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: BM011014.D

Acq: 27 Jul 2017 17:11

Tgt Ion: 136 Resp: 566752

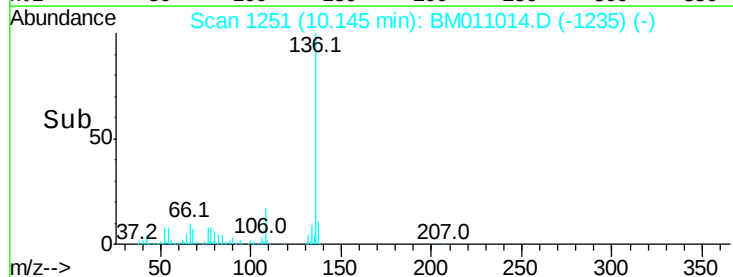
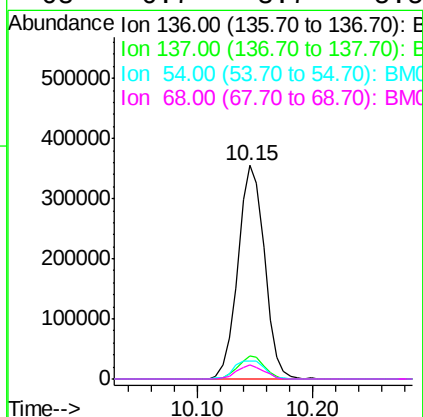
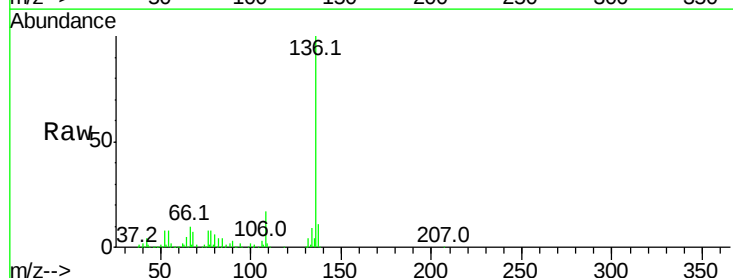
Ion Ratio Lower Upper

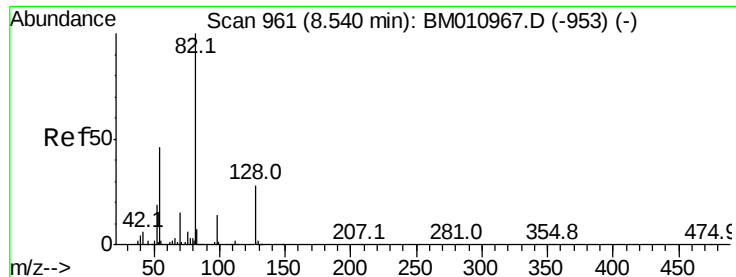
136 100

137 11.0 8.7 13.1

54 8.2 4.6 6.8#

68 6.7 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 103.287 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011014.D

Acq: 27 Jul 2017 17:11

Instrument :

BNA_M

ClientSampleId :

RINSEBLANK-GW

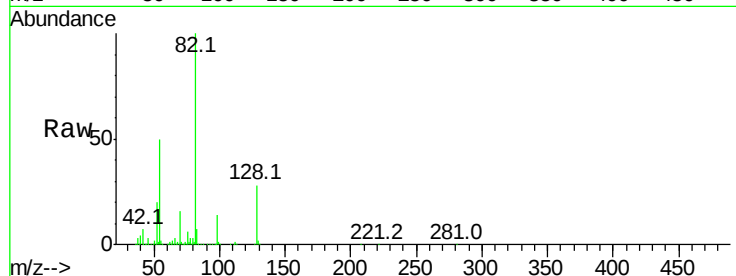
Tot Ion: 82 Resp: 1559697

Ion Ratio Lower Upper

82 100

128 28.0 32.8 49.2#

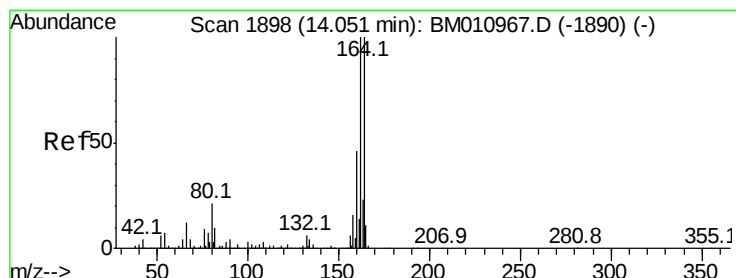
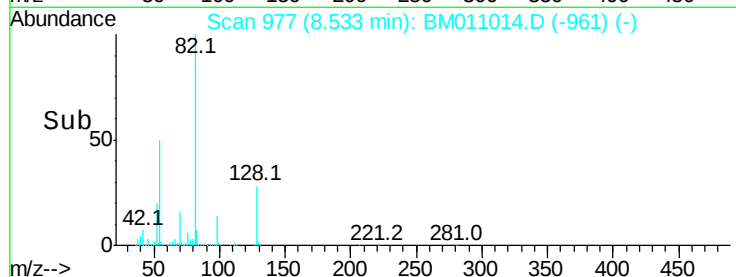
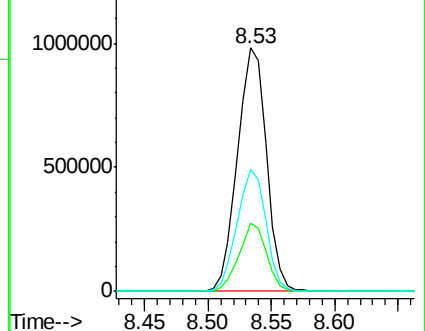
54 49.9 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011014.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011014.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011014.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM011014.D

Acq: 27 Jul 2017 17:11

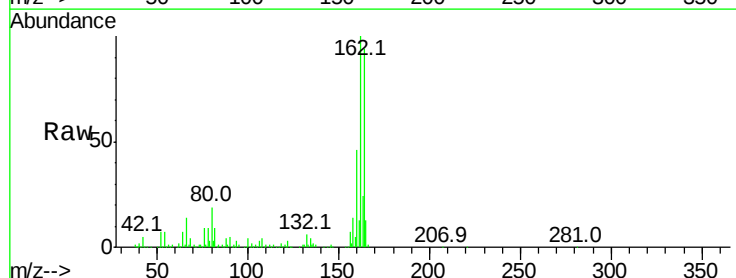
Tgt Ion:164 Resp: 367261

Ion Ratio Lower Upper

164 100

162 105.8 82.4 123.6

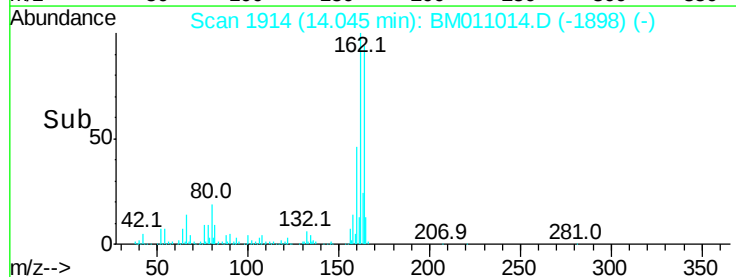
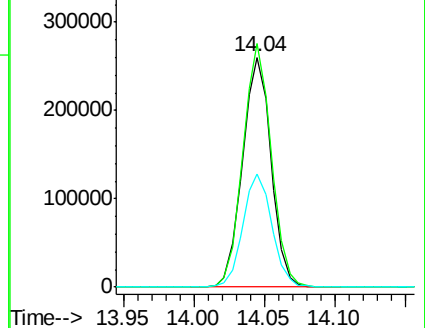
160 49.0 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM011014.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011014.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011014.D (-1898) (-)





#41

2,4,6-Tribromophenol

Concen: 161.149 ng

RT: 15.55 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM011014.D

Acq: 27 Jul 2017 17:11

Instrument :

BNA_M

ClientSampleId :

RINSEBLANK-GW

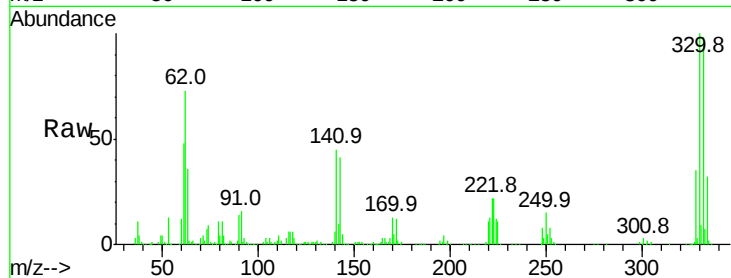
Tot Ion:330 Resp: 948594

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

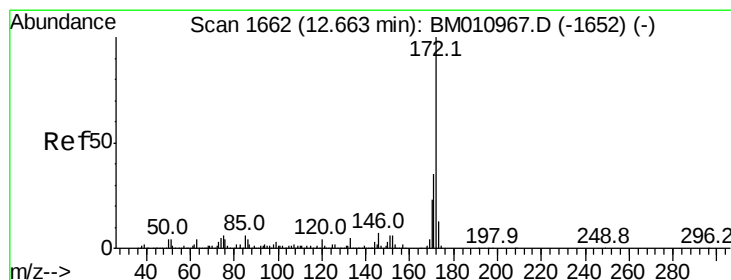
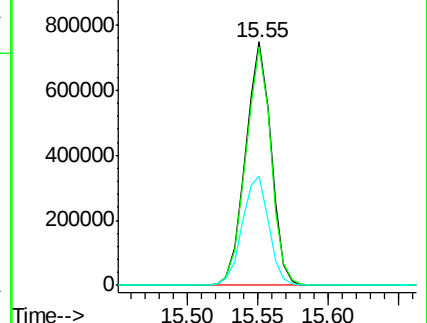
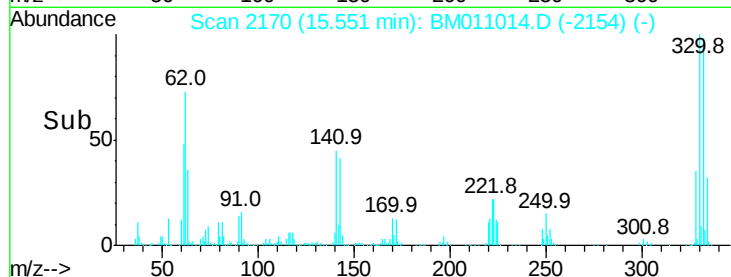
141 46.4 0.0 0.0#



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: 102.892 ng

RT: 12.66 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BM011014.D

Acq: 27 Jul 2017 17:11

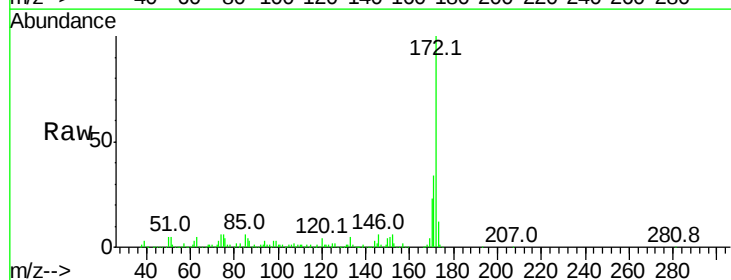
Tgt Ion:172 Resp: 3013077

Ion Ratio Lower Upper

172 100

171 34.4 28.5 42.7

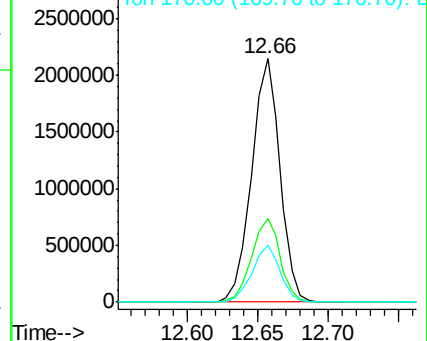
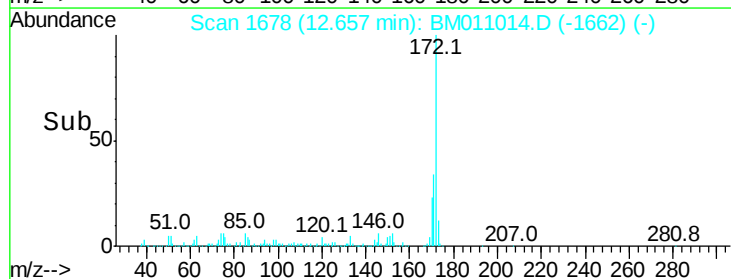
170 23.1 18.8 28.2

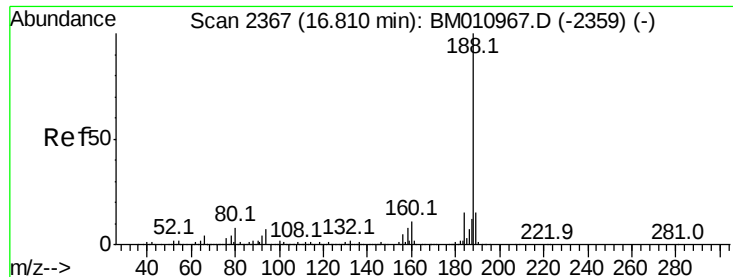


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

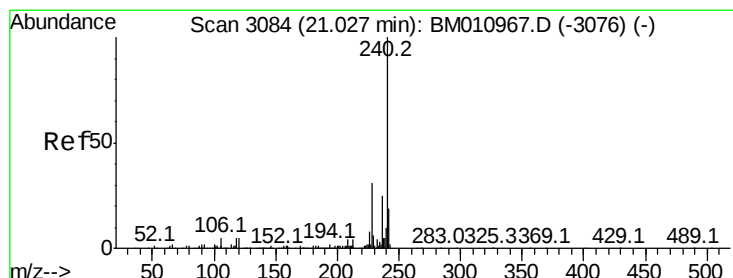
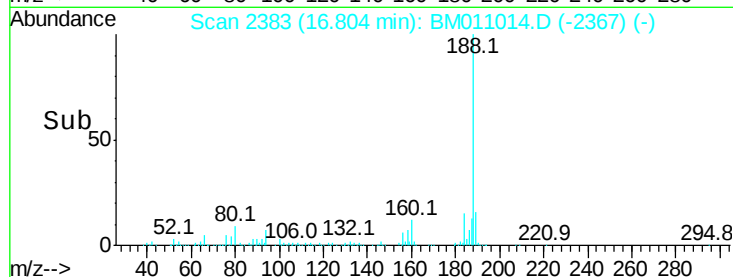
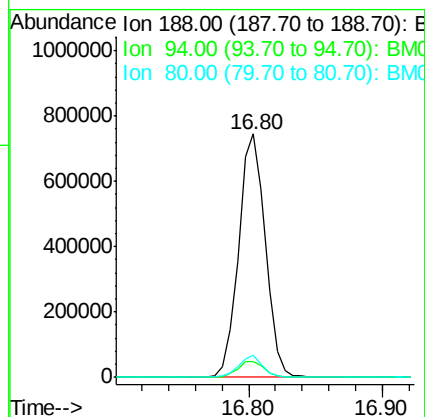
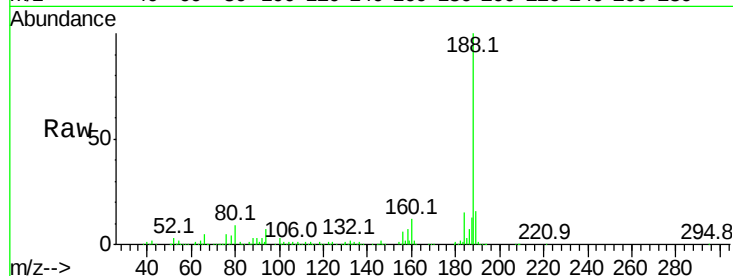




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM011014.D
Acq: 27 Jul 2017 17:11

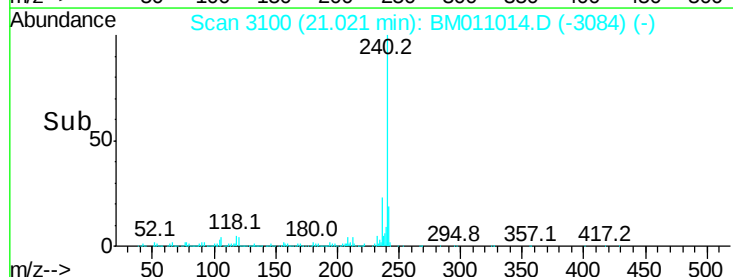
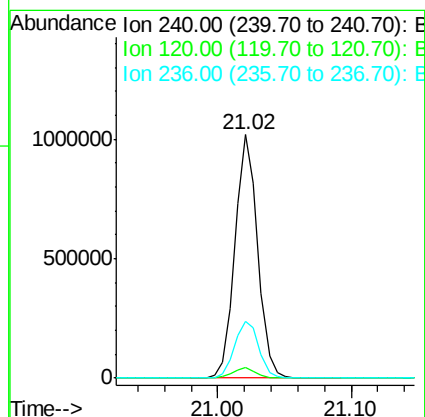
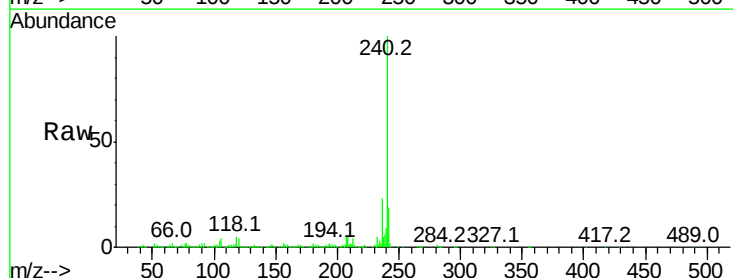
Instrument :
BNA_M
ClientSampleId :
RINSEBLANK-GW

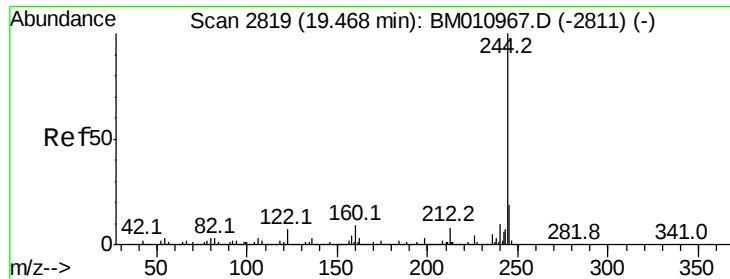
Tot Ion:188 Resp: 1027826
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 9.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011014.D
Acq: 27 Jul 2017 17:11

Tgt Ion:240 Resp: 1208352
Ion Ratio Lower Upper
240 100
120 4.4 8.2 12.2#
236 23.4 20.0 30.0





#78

Terphenyl-d14

Concen: 92.890 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011014.D

Acq: 27 Jul 2017 17:11

Instrument :

BNA_M

ClientSampleId :

RINSEBLANK-GW

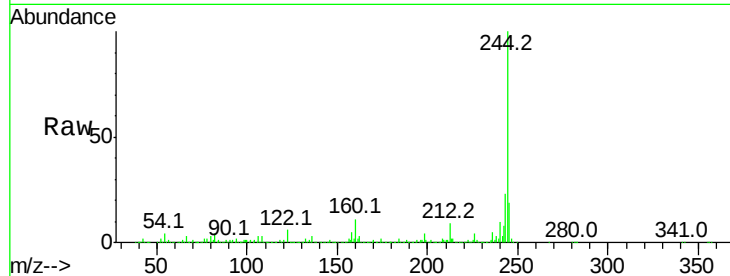
Tot Ion:244 Resp: 5666383

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

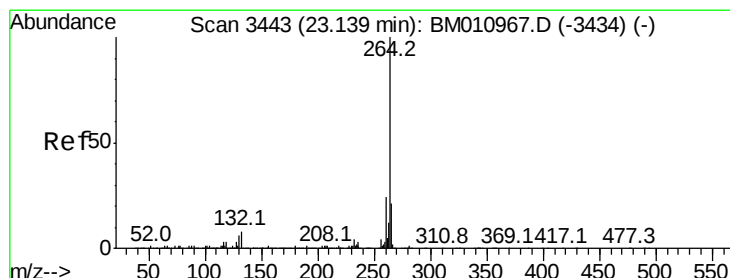
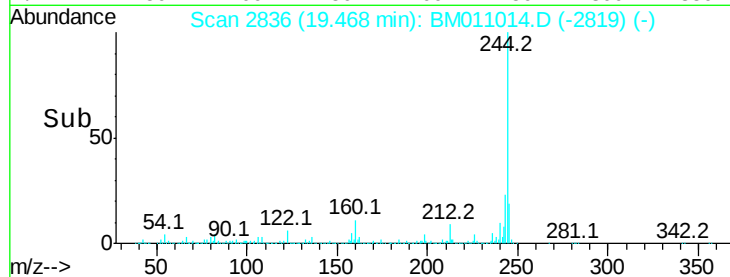
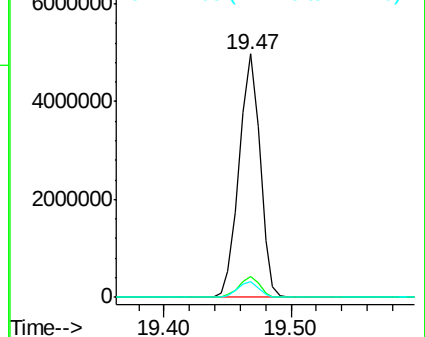
122 6.5 6.2 9.4



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: BM011014.D

Acq: 27 Jul 2017 17:11

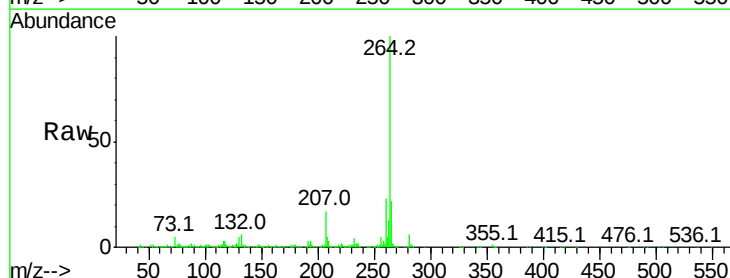
Tgt Ion:264 Resp: 971641

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.5 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

