

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011038.D
 Acq On : 28 Jul 2017 12:36
 Operator : SJ/JU
 Sample : I4420-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2A-6-7-8-9-10-COMP-(0-10)

Quant Time: Jul 28 14:52:02 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	226798	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	850543	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	524211	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1357187	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1048007	20.00	ng	0.00
86) Perylene-d12	23.13	264	263518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1642374	122.41	ng	0.00
7) Phenol-d6	6.59	99	2060354	108.08	ng	0.00
23) Nitrobenzene-d5	8.53	82	1990296	87.83	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1156112	137.60	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3709549	88.75	ng	0.00
78) Terphenyl-d14	19.47	244	5196396	98.22	ng	0.00

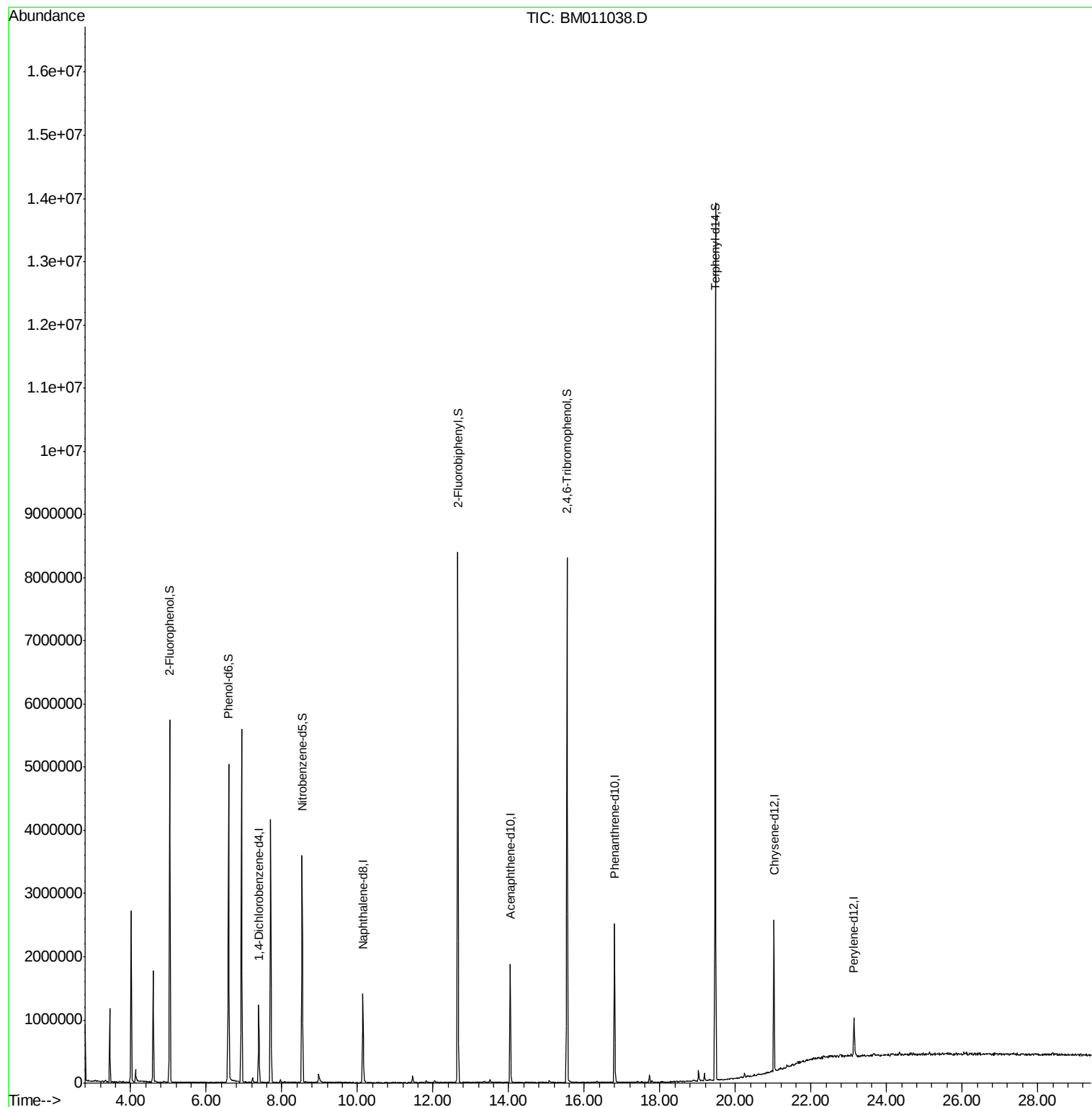
Target Compounds Qvalue

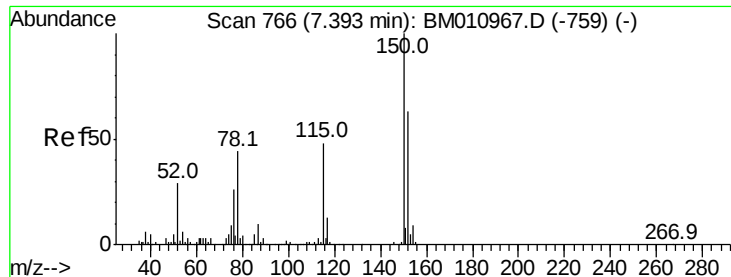
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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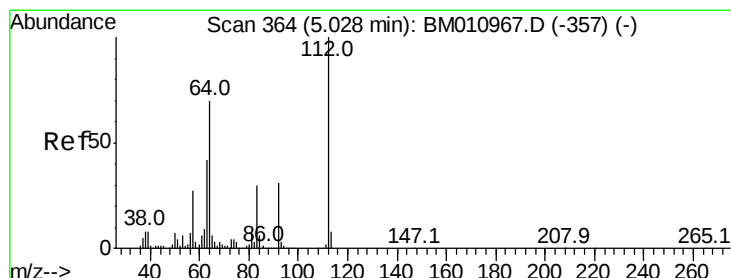
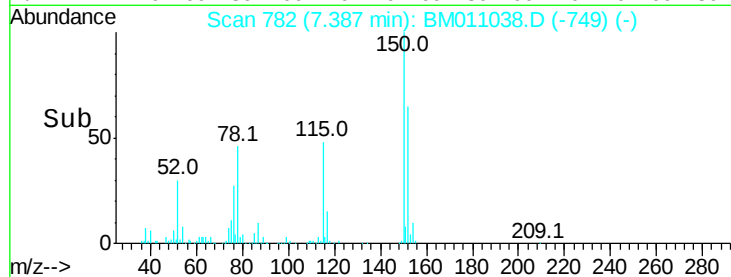
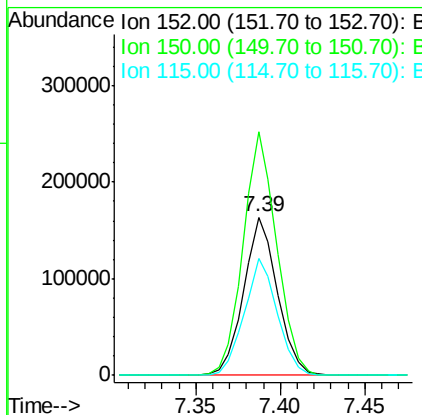
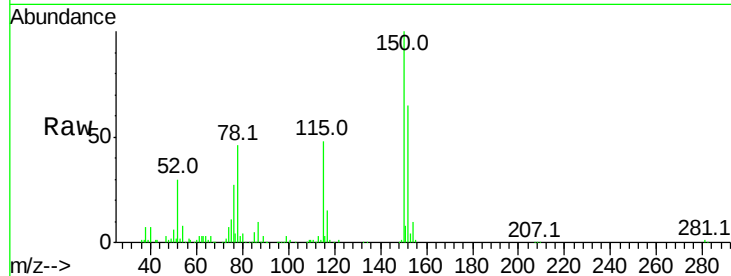


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011038.D
Acq: 28 Jul 2017 12:36

Instrument :
BNA_M
ClientSampleId :
2A-6-7-8-9-10-COMP-(0-10)

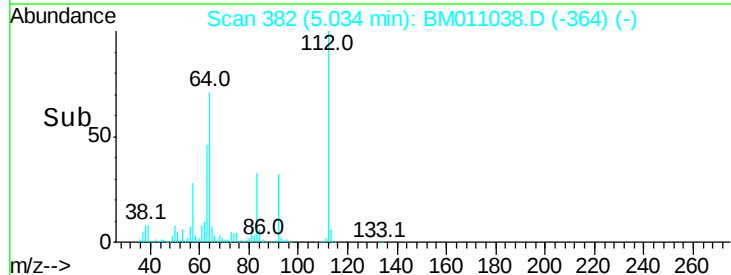
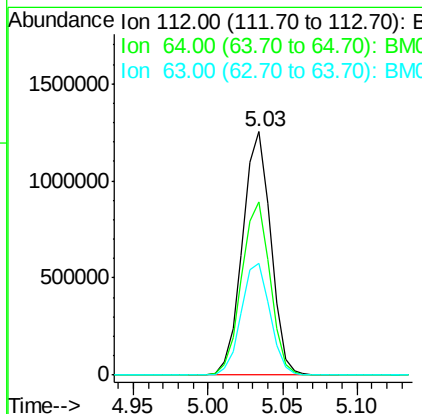
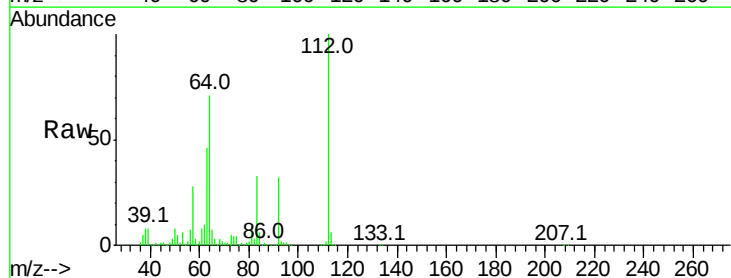
Tot Ion:152 Resp: 226798
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 74.0 43.0 64.4#

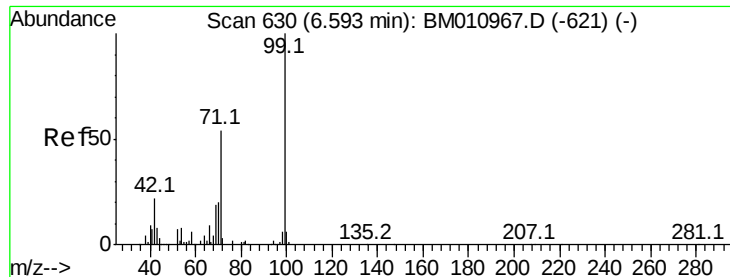


#5

2-Fluorophenol
Concen: 122.414 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM011038.D
Acq: 28 Jul 2017 12:36

Tgt Ion:112 Resp: 1642374
Ion Ratio Lower Upper
112 100
64 71.3 38.6 57.8#
63 45.7 19.3 28.9#





#7

Phenol-d6

Concen: 108.085 ng

RT: 6.59 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM011038.D

Acq: 28 Jul 2017 12:36

Instrument :

BNA_M

ClientSampleId :

2A-6-7-8-9-10-COMP-(0-10)

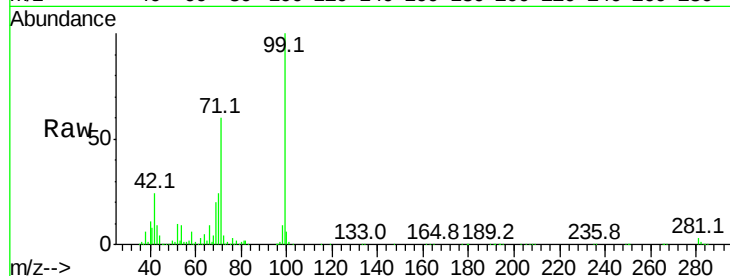
Tot Ion: 99 Resp: 2060354

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

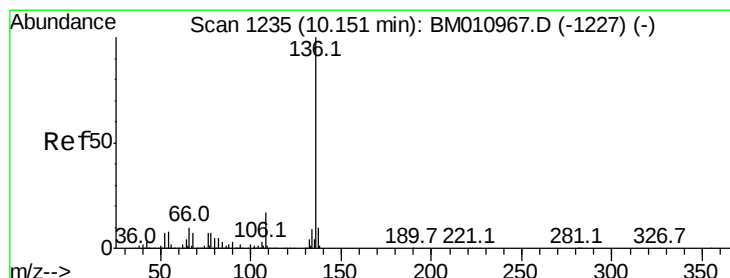
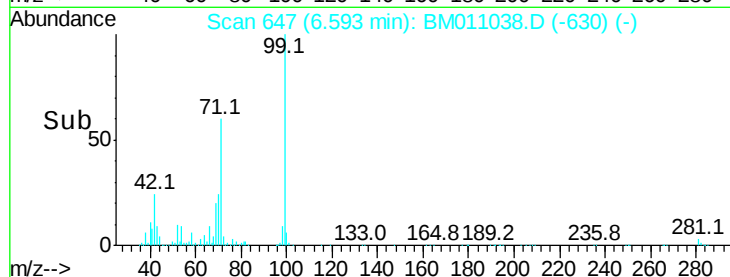
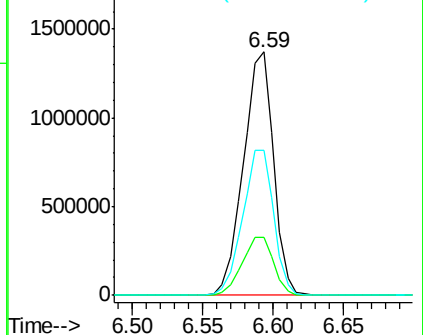
71 59.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011038.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011038.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011038.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011038.D

Acq: 28 Jul 2017 12:36

Tgt Ion:136 Resp: 850543

Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.3 4.6 6.8#

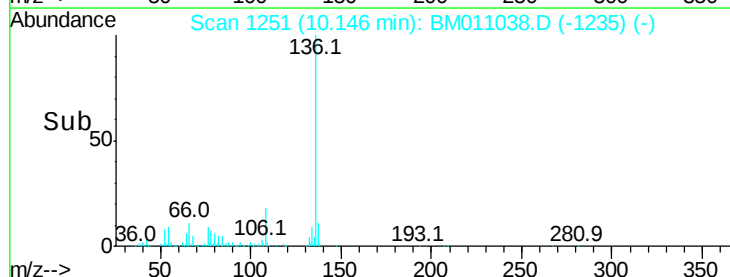
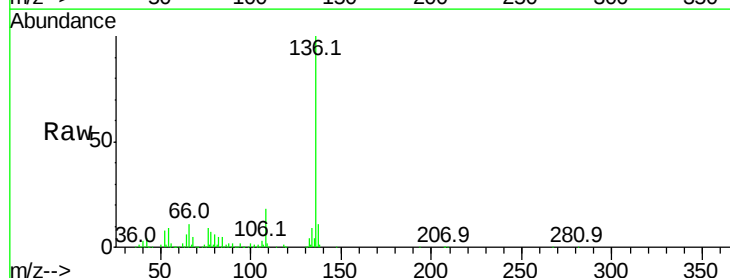
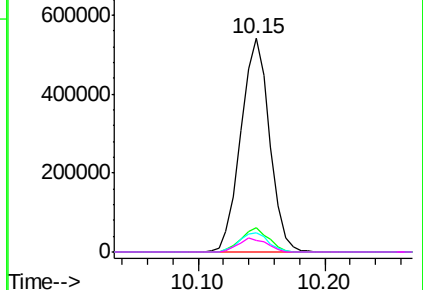
68 5.5 3.7 5.5

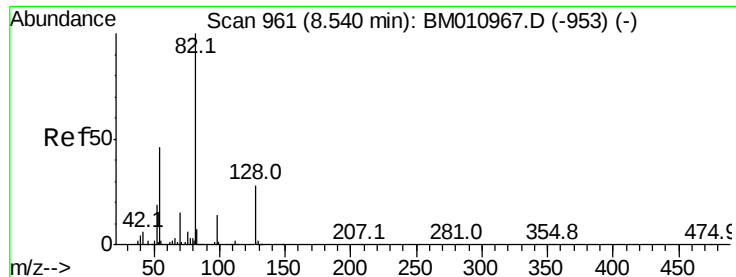
Abundance Ion 136.00 (135.70 to 136.70): BM011038.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011038.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011038.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011038.D (-1235) (-)

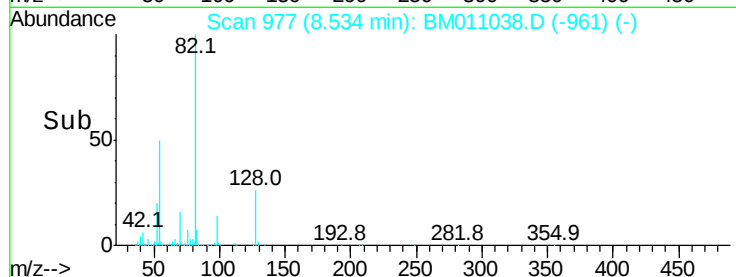
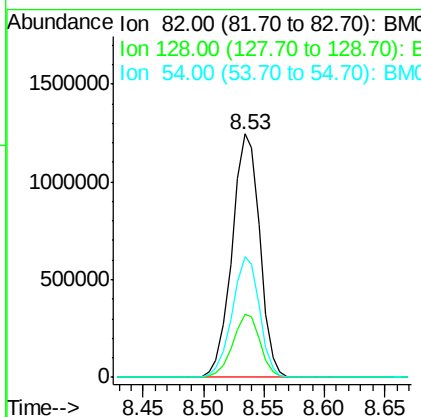
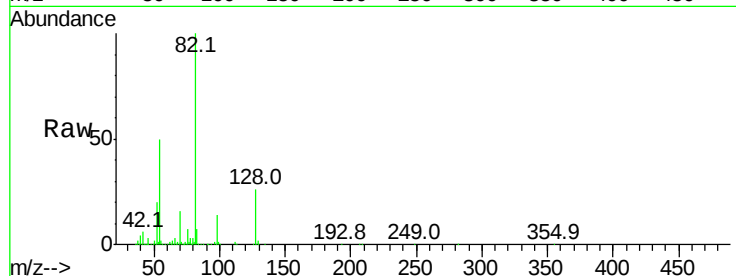




#23
 Nitrobenzene-d5
 Concen: 87.825 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011038.D
 Acq: 28 Jul 2017 12:36

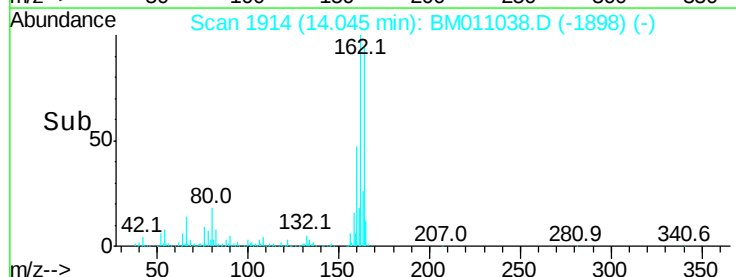
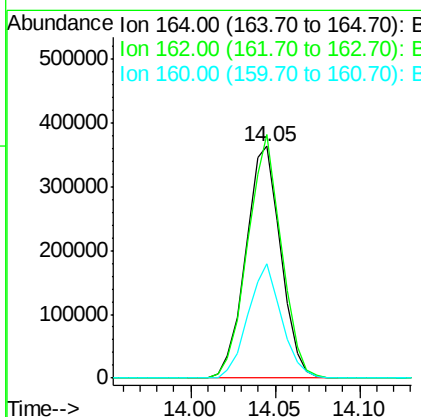
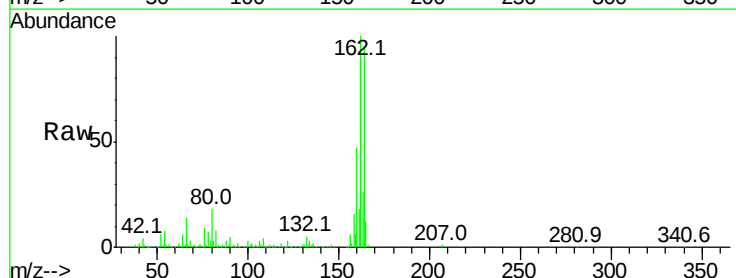
Instrument :
 BNA_M
 ClientSampleId :
 2A-6-7-8-9-10-COMP-(0-10)

Tot Ion: 82 Resp: 1990296
 Ion Ratio Lower Upper
 82 100
 128 25.9 32.8 49.2#
 54 49.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.05 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM011038.D
 Acq: 28 Jul 2017 12:36

Tgt Ion: 164 Resp: 524211
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.4 123.6
 160 49.1 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 137.600 ng

RT: 15.55 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM011038.D

Acq: 28 Jul 2017 12:36

Instrument :

BNA_M

ClientSampleId :

2A-6-7-8-9-10-COMP-(0-10)

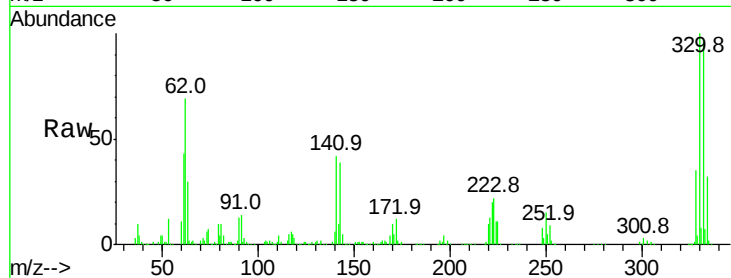
Tot Ion:330 Resp: 1156112

Ion Ratio Lower Upper

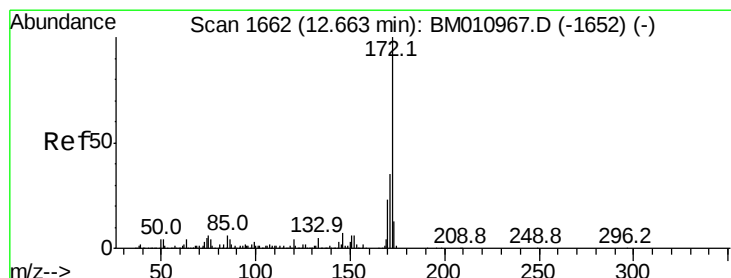
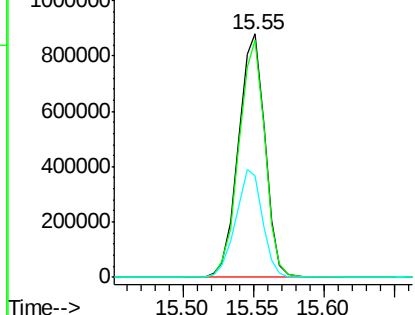
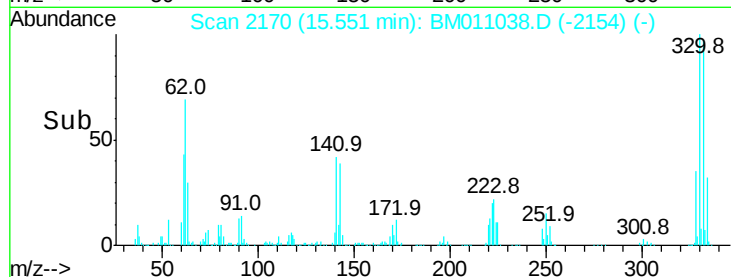
330 100

332 95.8 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: 88.748 ng

RT: 12.66 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BM011038.D

Acq: 28 Jul 2017 12:36

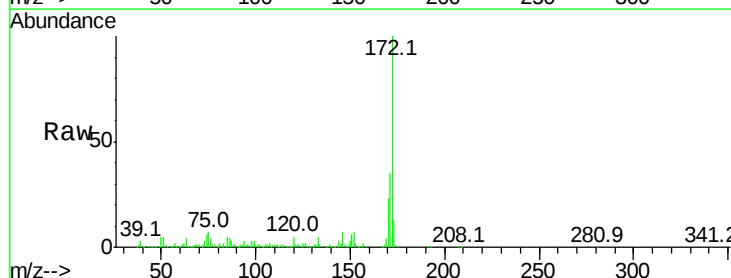
Tgt Ion:172 Resp: 3709549

Ion Ratio Lower Upper

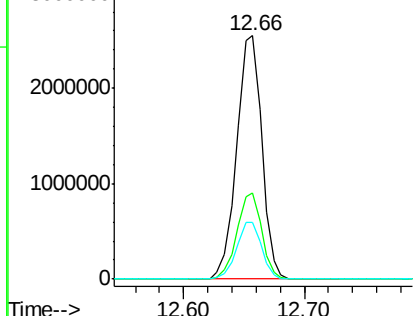
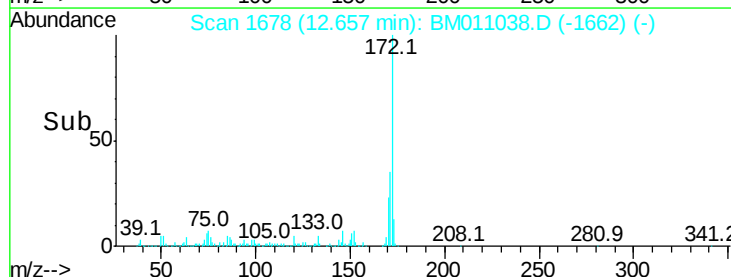
172 100

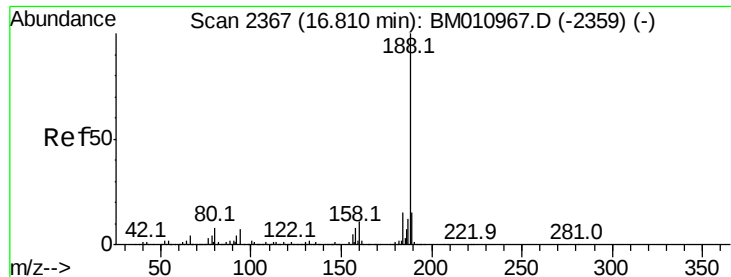
171 35.4 28.5 42.7

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

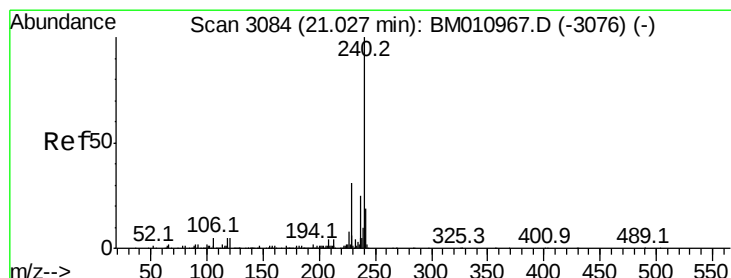
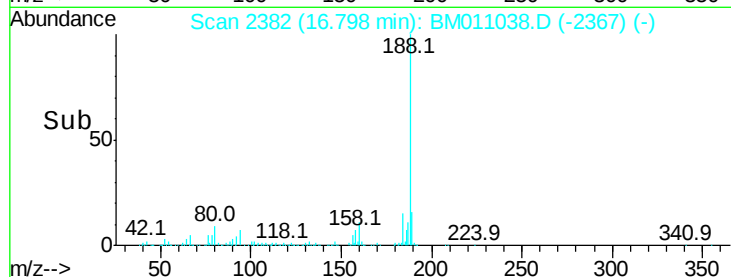
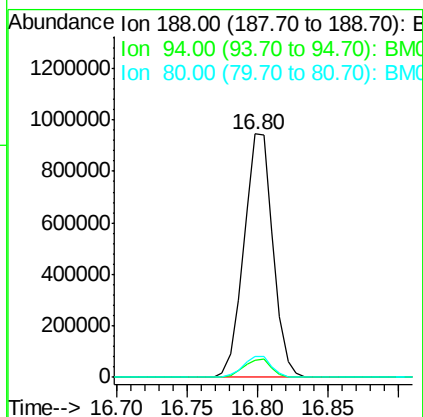
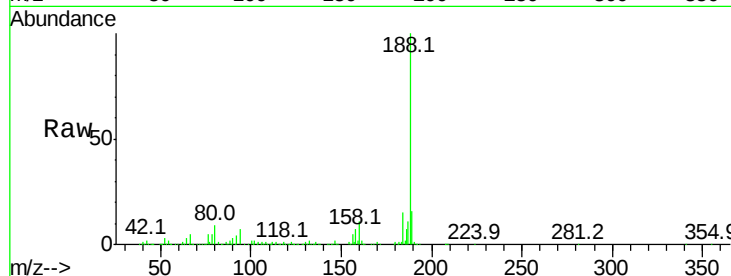




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011038.D
Acq: 28 Jul 2017 12:36

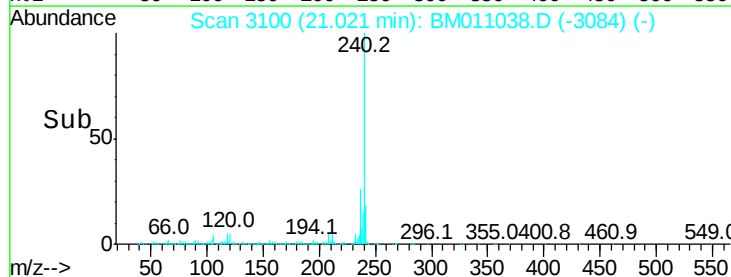
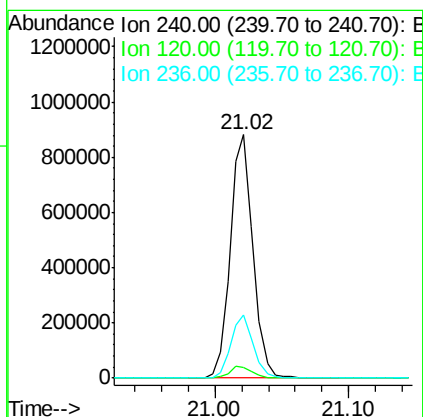
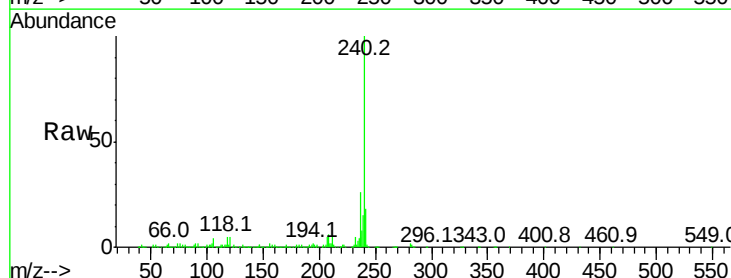
Instrument :
BNA_M
ClientSampleId :
2A-6-7-8-9-10-COMP-(0-10)

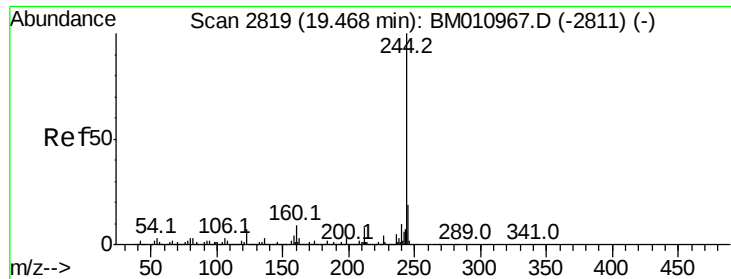
Tot Ion:188 Resp: 1357187
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 8.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011038.D
Acq: 28 Jul 2017 12:36

Tgt Ion:240 Resp: 1048007
Ion Ratio Lower Upper
240 100
120 4.6 8.2 12.2#
236 25.7 20.0 30.0





#78

Terphenyl-d14

Concen: 98.219 ng

RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BM011038.D

Acq: 28 Jul 2017 12:36

Instrument :

BNA_M

ClientSampleId :

2A-6-7-8-9-10-COMP-(0-10)

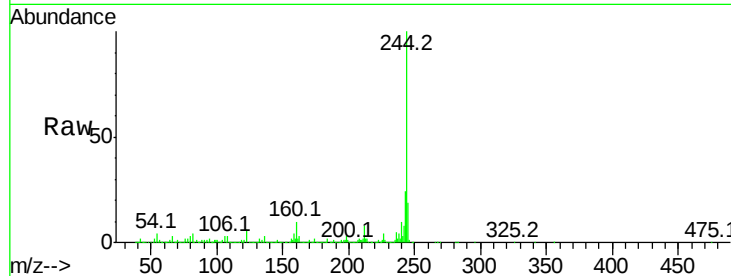
Tot Ion:244 Resp: 5196396

Ion Ratio Lower Upper

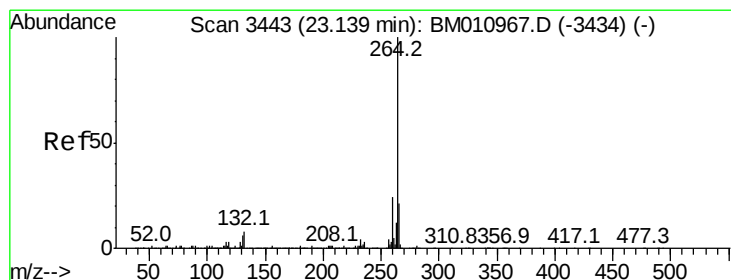
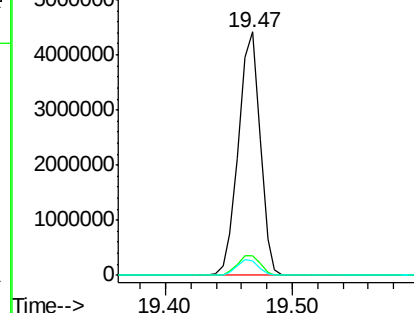
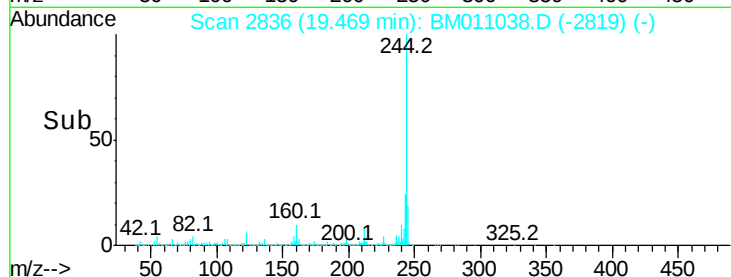
244 100

212 8.0 4.9 7.3#

122 6.2 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
6000000
Ion 212.00 (211.70 to 212.70): E
5000000
Ion 122.00 (121.70 to 122.70): E
4000000
3000000
2000000
1000000
0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011038.D

Acq: 28 Jul 2017 12:36

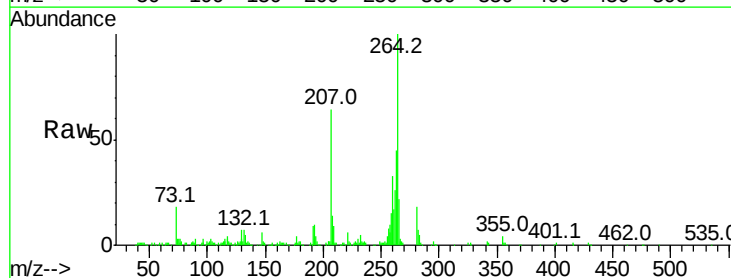
Tgt Ion:264 Resp: 263518

Ion Ratio Lower Upper

264 100

260 33.1 18.6 27.8#

265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
200000
Ion 260.00 (259.70 to 260.70): E
150000
Ion 265.00 (264.70 to 265.70): E
100000
50000
0

