

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011108.D
 Acq On : 03 Aug 2017 03:42
 Operator : SJ/JU
 Sample : I4540-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-221

Quant Time: Aug 03 05:17:57 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	7.38	152	225121	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	883079	20.00	ng	-0.01
38) Acenaphthene-d10	14.03	164	606704	20.00	ng	-0.02
63) Phenanthrene-d10	16.79	188	1601983	20.00	ng	-0.02
75) Chrysene-d12	21.01	240	1708569	20.00	ng	-0.01
86) Perylene-d12	23.13	264	1305066	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1892725	142.13	ng	0.00
7) Phenol-d6	6.58	99	2523387	133.36	ng	-0.01
23) Nitrobenzene-d5	8.53	82	2405357	102.23	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	1497585	154.01	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	4539136	93.83	ng	-0.01
78) Terphenyl-d14	19.46	244	8018055	92.96	ng	0.00

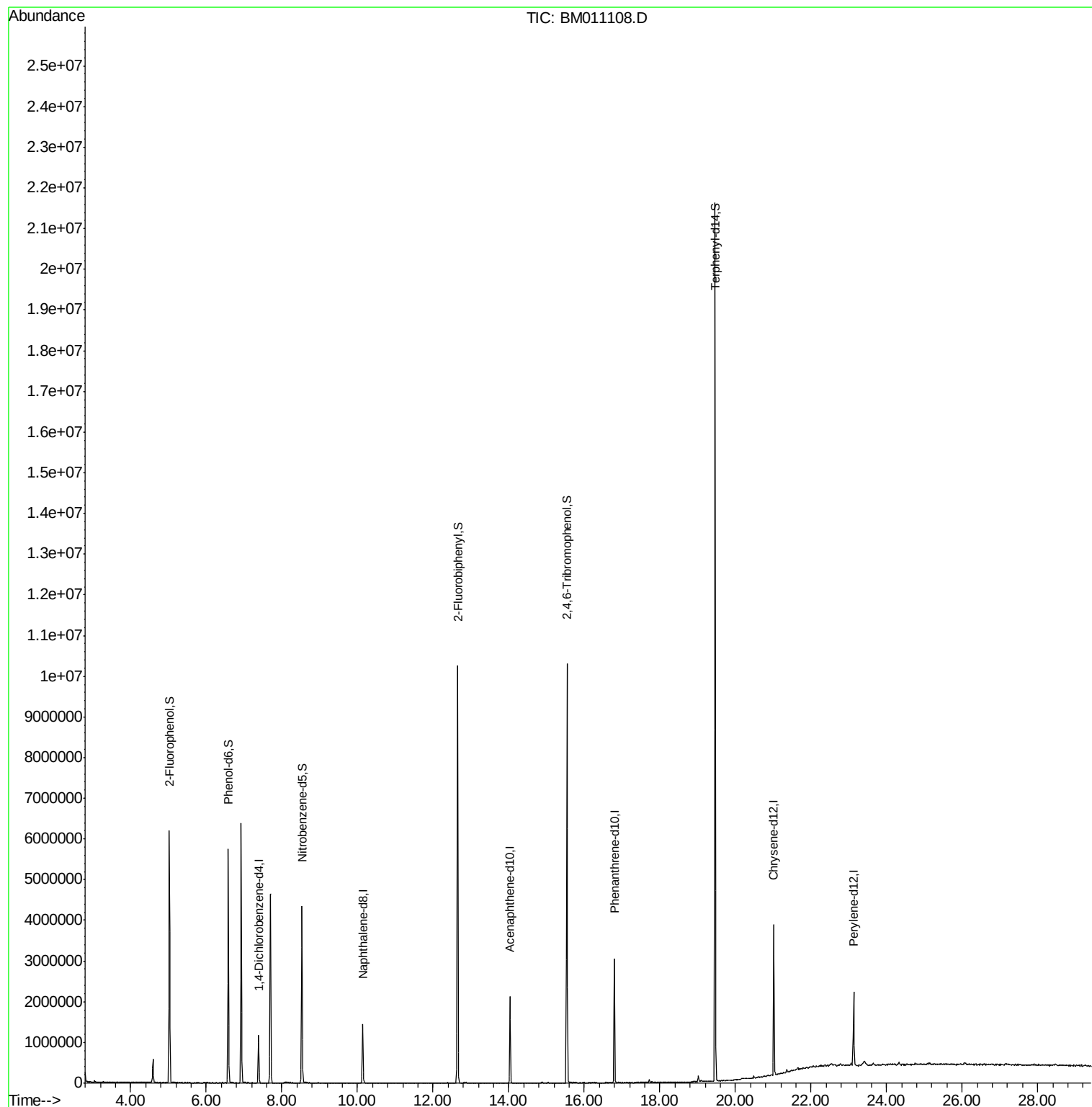
Target Compounds Qvalue

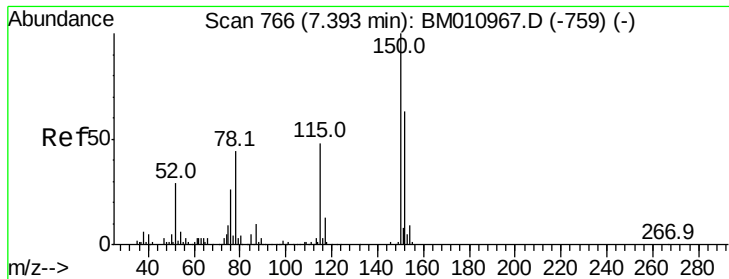
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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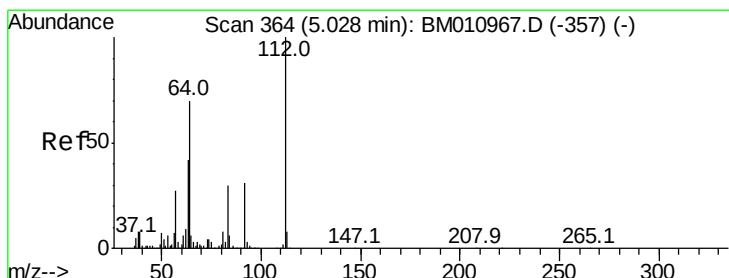
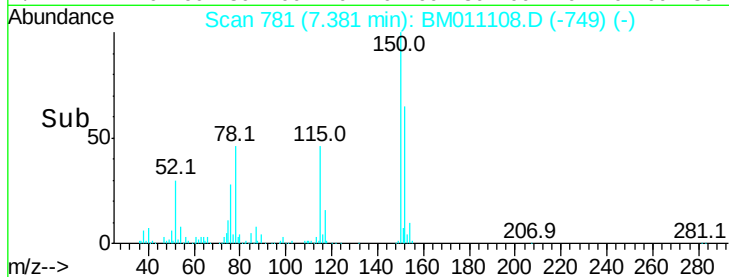
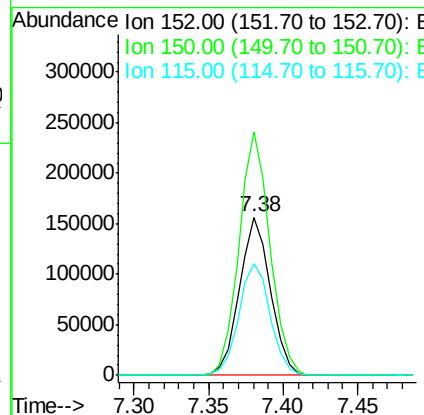
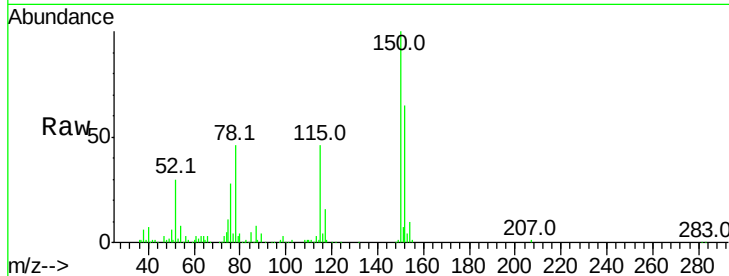


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011108.D
Acq: 03 Aug 2017 03:42

Instrument :
BNA_M
ClientSampleId :
VNJ-221

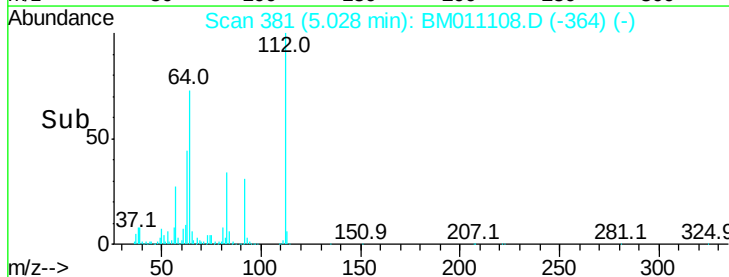
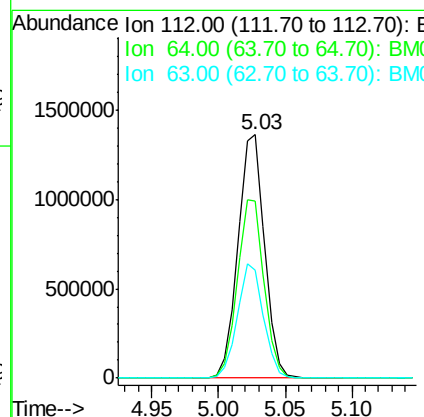
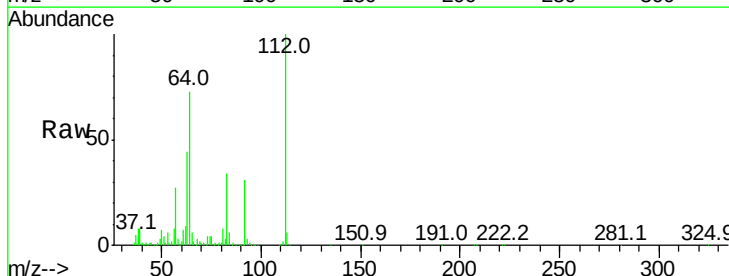
Tot Ion:152 Resp: 225121
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 70.5 43.0 64.4#

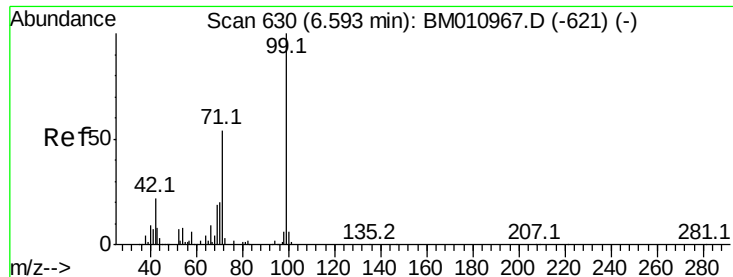


#5

2-Fluorophenol
Concen: 142.125 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011108.D
Acq: 03 Aug 2017 03:42

Tgt Ion:112 Resp: 1892725
Ion Ratio Lower Upper
112 100
64 72.7 38.6 57.8#
63 44.3 19.3 28.9#





#7

Phenol-d6

Concen: 133.361 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011108.D

Acq: 03 Aug 2017 03:42

Instrument :

BNA_M

ClientSampleId :

VNJ-221

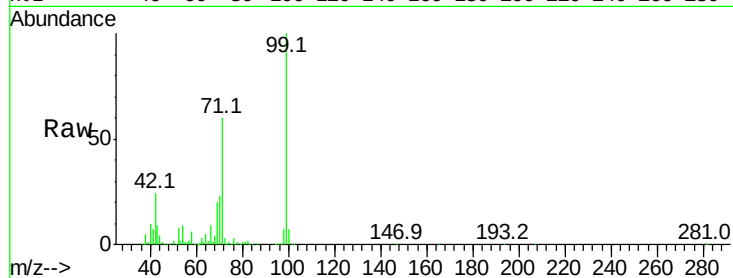
Tot Ion: 99 Resp: 2523387

Ion Ratio Lower Upper

99 100

42 24.3 11.0 16.4#

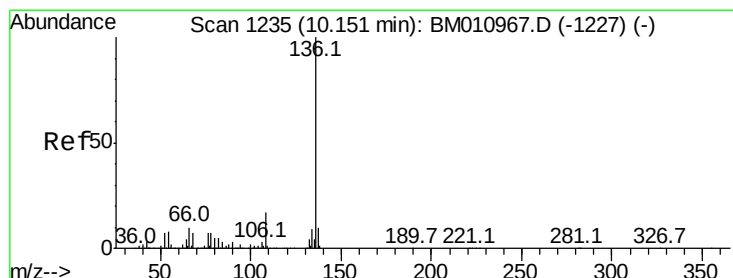
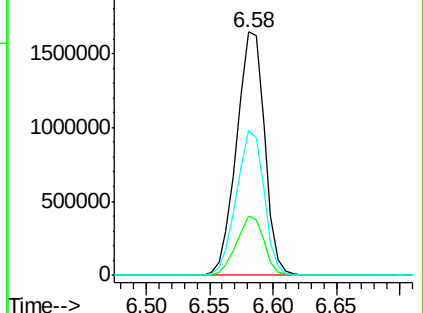
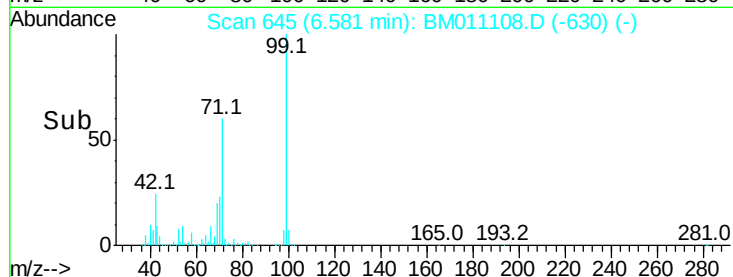
71 59.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011108.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011108.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011108.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011108.D

Acq: 03 Aug 2017 03:42

Tgt Ion: 136 Resp: 883079

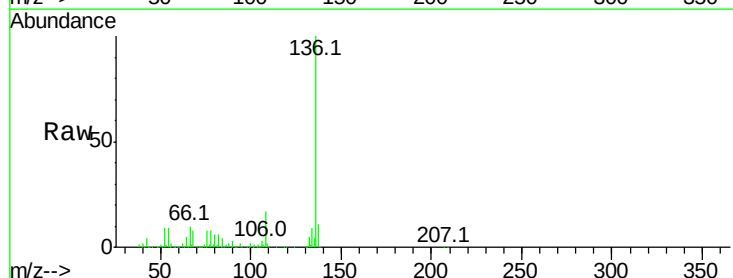
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.4 4.6 6.8#

68 8.0 3.7 5.5#

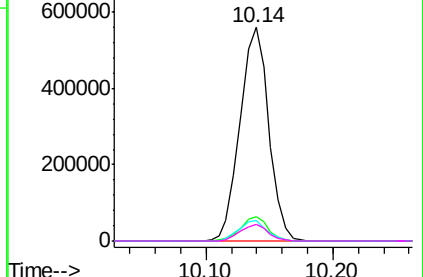
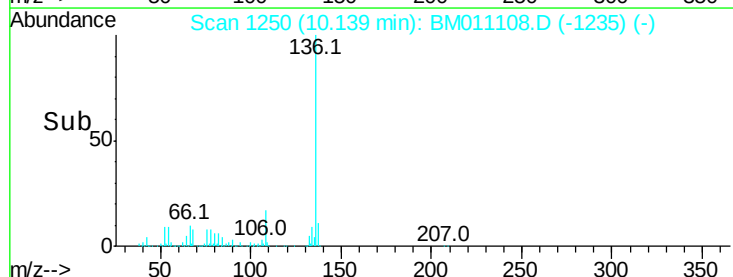


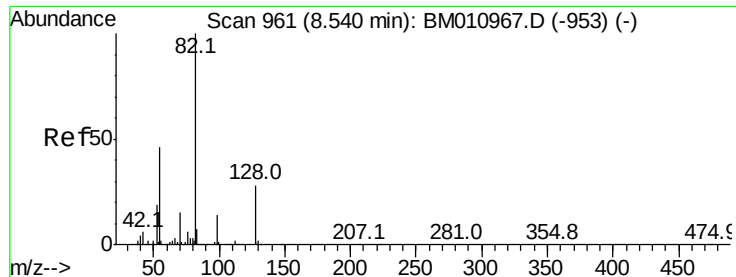
Abundance Ion 136.00 (135.70 to 136.70): BM011108.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011108.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011108.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011108.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 102.230 ng

RT: 8.53 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM011108.D

Acq: 03 Aug 2017 03:42

Instrument :

BNA_M

ClientSampleId :

VNJ-221

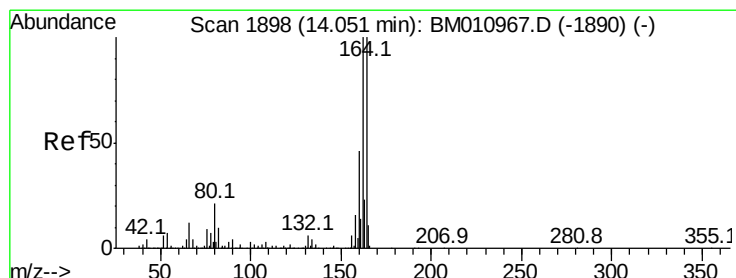
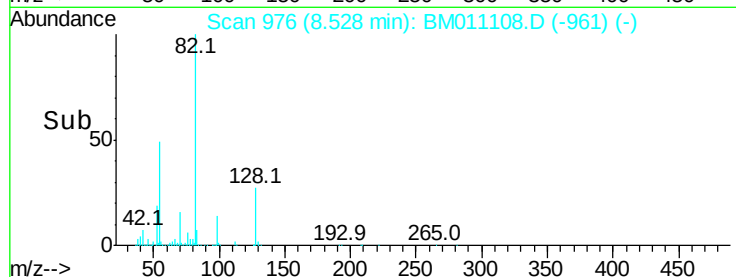
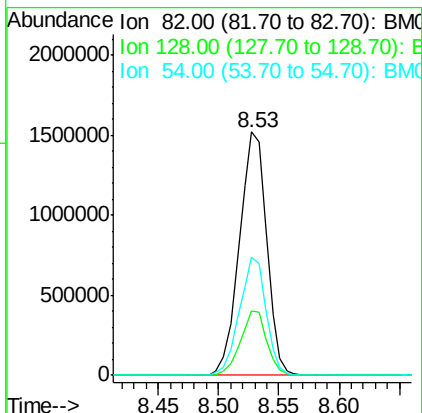
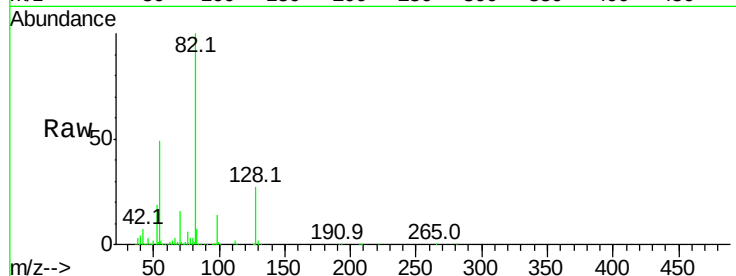
Tot Ion: 82 Resp: 2405357

Ion Ratio Lower Upper

82 100

128 26.5 32.8 49.2#

54 48.5 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.03 min Scan# 1912

Delta R.T. -0.02 min

Lab File: BM011108.D

Acq: 03 Aug 2017 03:42

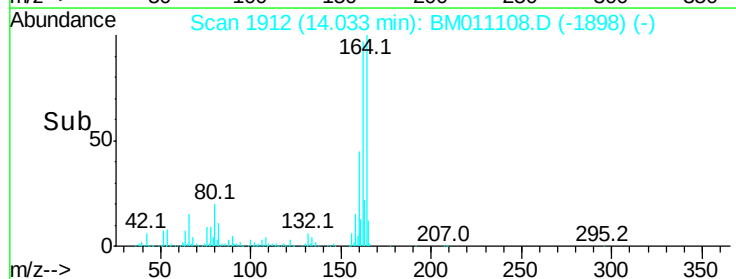
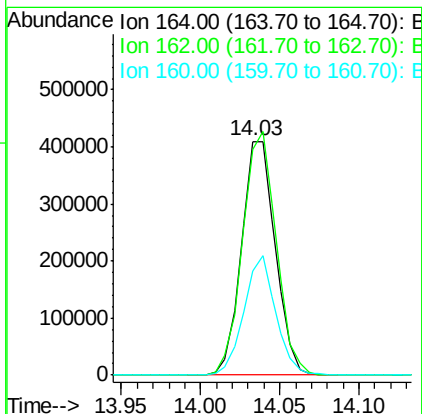
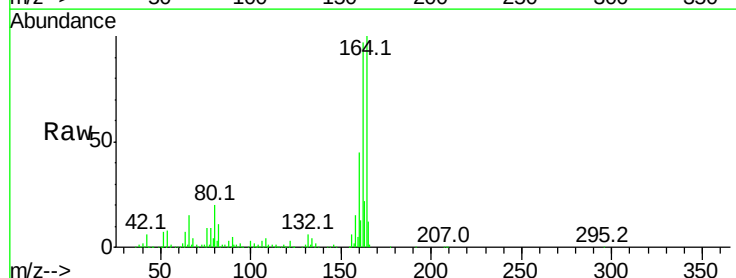
Tgt Ion: 164 Resp: 606704

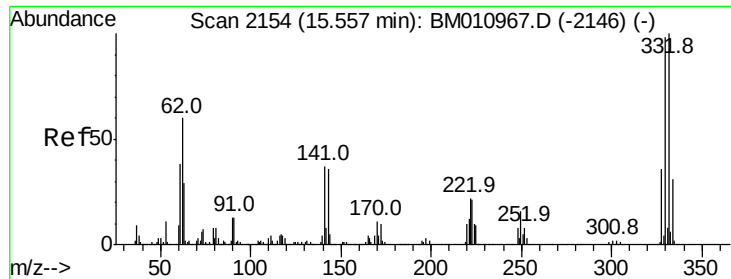
Ion Ratio Lower Upper

164 100

162 96.7 82.4 123.6

160 44.5 35.8 53.6

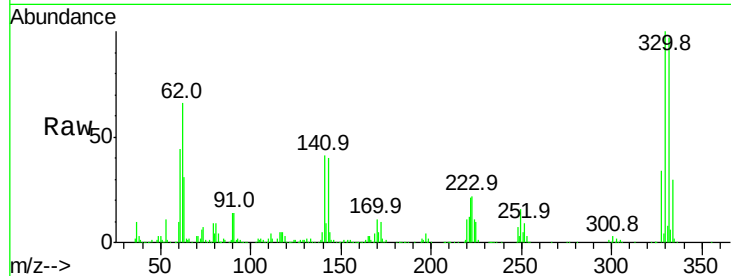




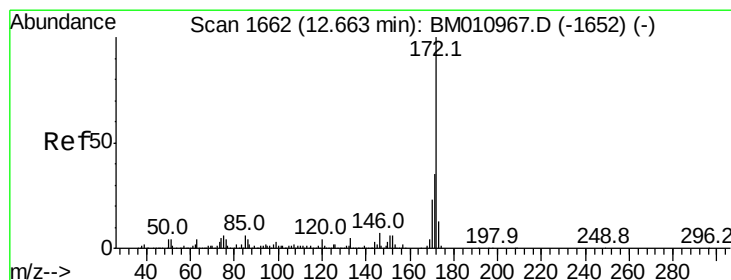
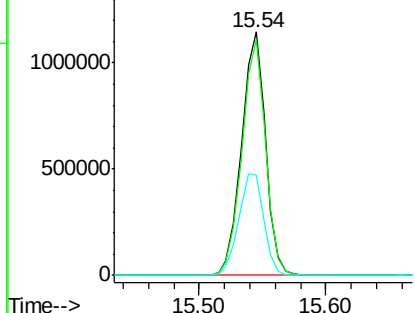
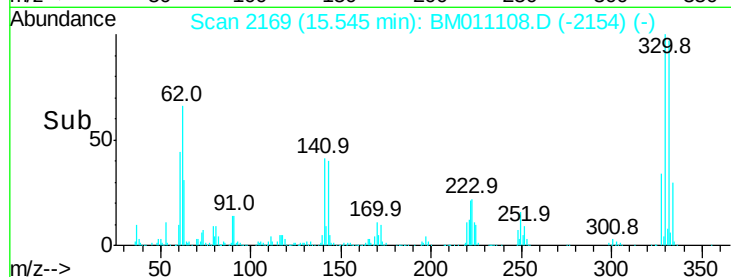
#41
 2,4,6-Tribromophenol
 Concen: 154.006 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011108.D
 Acq: 03 Aug 2017 03:42

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-221

Tot Ion:330 Resp: 1497585
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 43.5 0.0 0.0#

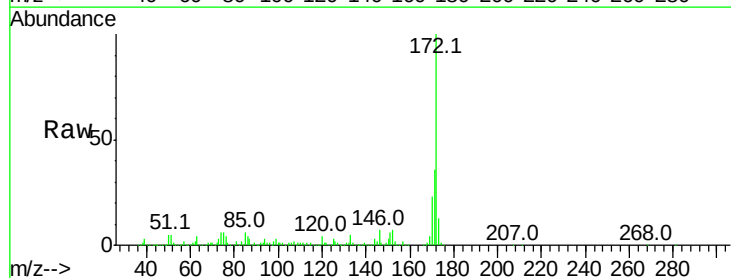


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

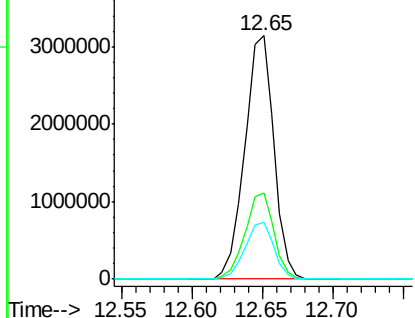
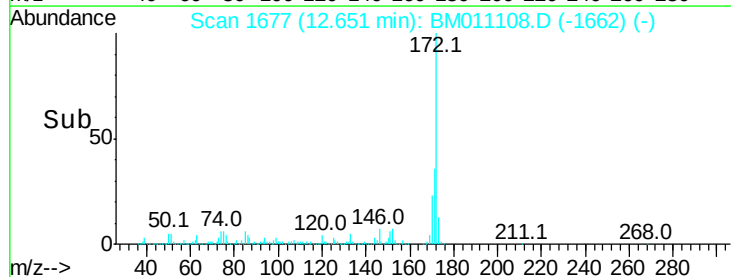


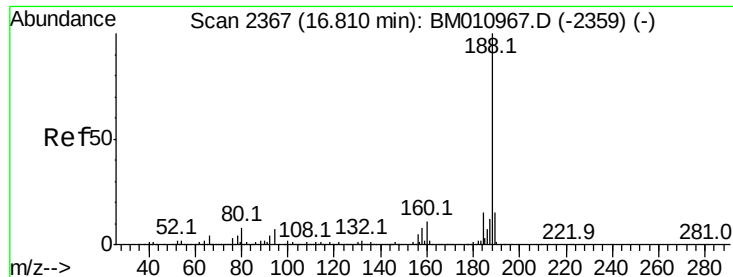
#44
 2-Fluorobiphenyl
 Concen: 93.830 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011108.D
 Acq: 03 Aug 2017 03:42

Tgt Ion:172 Resp: 4539136
 Ion Ratio Lower Upper
 172 100
 171 35.6 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

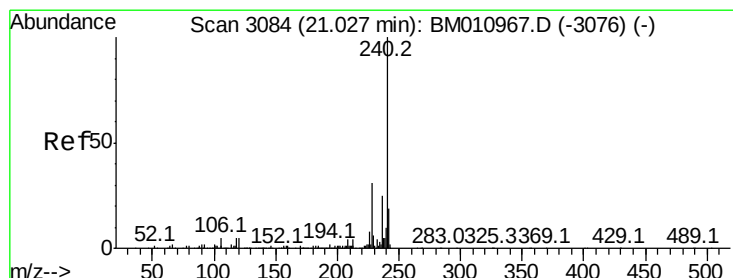
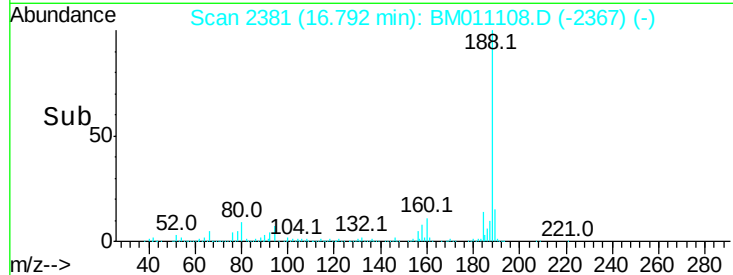
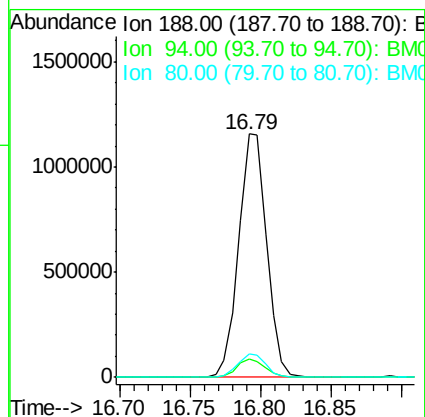
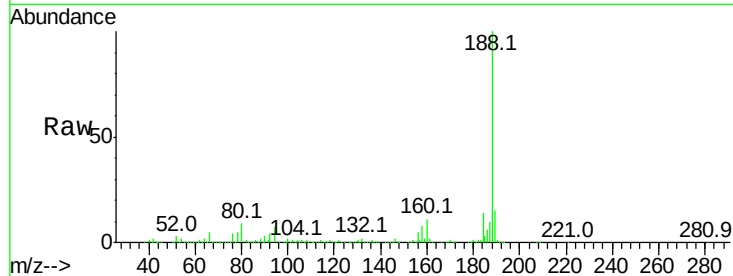




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011108.D
Acq: 03 Aug 2017 03:42

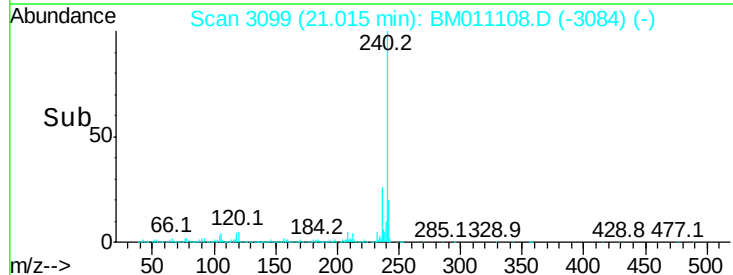
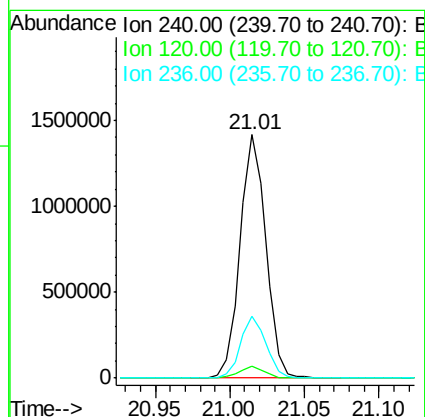
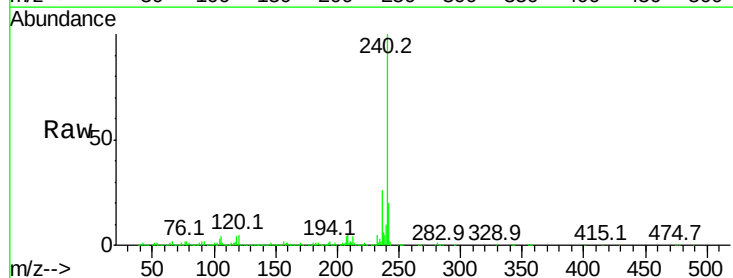
Instrument :
BNA_M
ClientSampleId :
VNJ-221

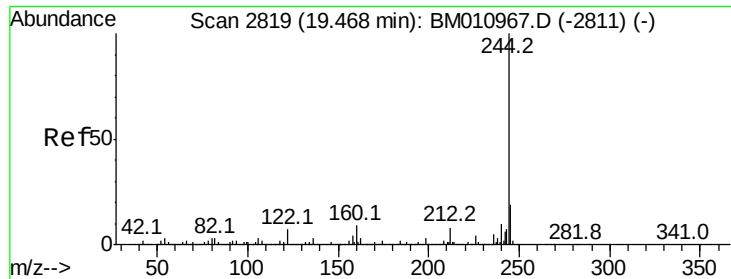
Tot Ion:188 Resp: 1601983
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 9.5 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011108.D
Acq: 03 Aug 2017 03:42

Tgt Ion:240 Resp: 1708569
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 25.5 20.0 30.0





#78

Terphenyl-d14

Concen: 92.959 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011108.D

Acq: 03 Aug 2017 03:42

Instrument :

BNA_M

ClientSampleId :

VNJ-221

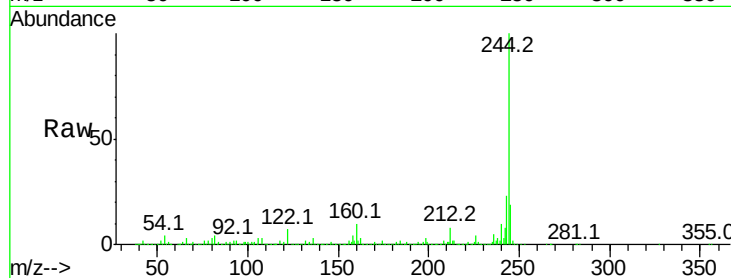
Tot Ion:244 Resp: 8018055

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

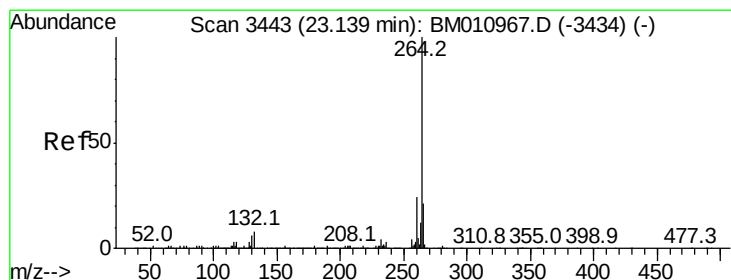
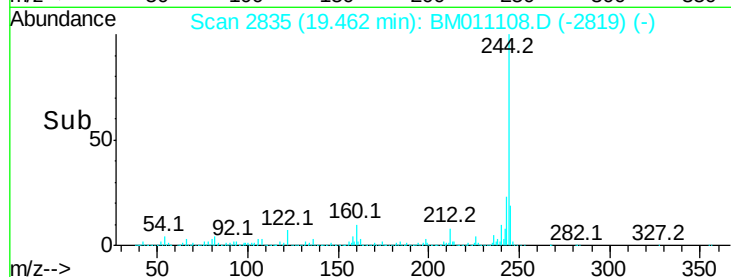
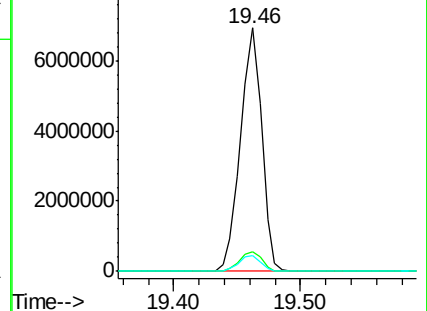
122 6.6 6.2 9.4



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# 3458

Delta R.T. -0.01 min

Lab File: BM011108.D

Acq: 03 Aug 2017 03:42

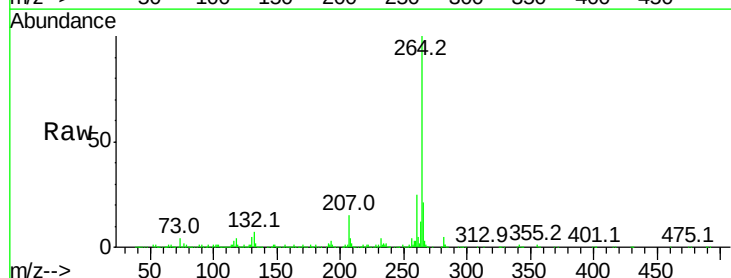
Tgt Ion:264 Resp: 1305066

Ion Ratio Lower Upper

264 100

260 24.7 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

