

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011117.D
 Acq On : 03 Aug 2017 09:06
 Operator : SJ/JU
 Sample : I4541-11RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-229RE

Quant Time: Aug 03 13:50:40 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	149776	20.00	ng	-0.01
21) Naphthalene-d8	10.13	136	520950	20.00	ng	-0.02
38) Acenaphthene-d10	14.03	164	352071	20.00	ng	-0.02
63) Phenanthrene-d10	16.79	188	902161	20.00	ng	-0.02
75) Chrysene-d12	21.01	240	849312	20.00	ng	-0.02
86) Perylene-d12	23.12	264	798386	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	774092	87.37	ng	0.00
7) Phenol-d6	6.57	99	985695	78.30	ng	-0.02
23) Nitrobenzene-d5	8.53	82	1431490	103.13	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	552040	97.83	ng	-0.02
44) 2-Fluorobiphenyl	12.64	172	2534790	90.29	ng	-0.02
78) Terphenyl-d14	19.46	244	3807042	88.79	ng	-0.01

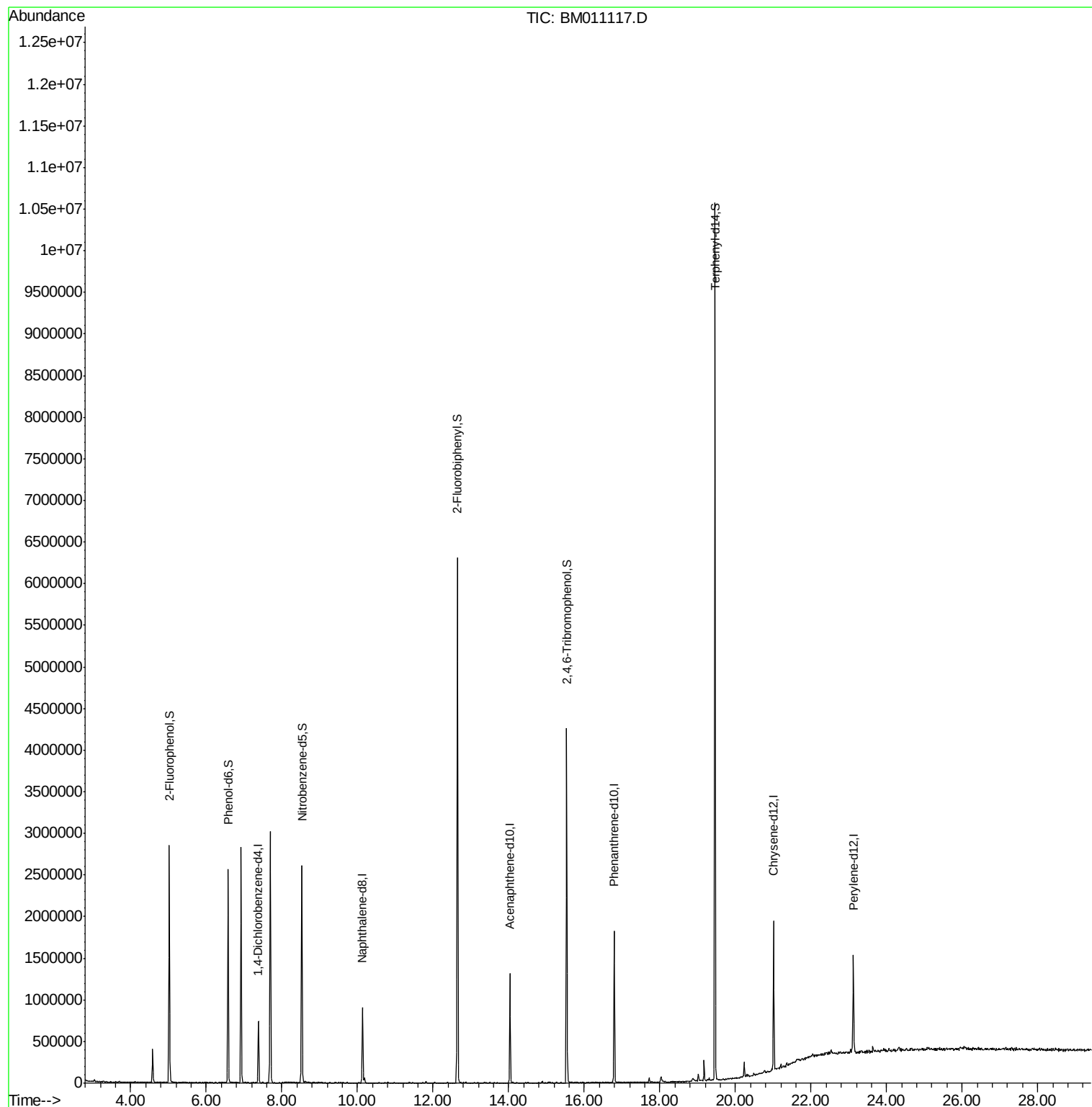
Target Compounds Qvalue

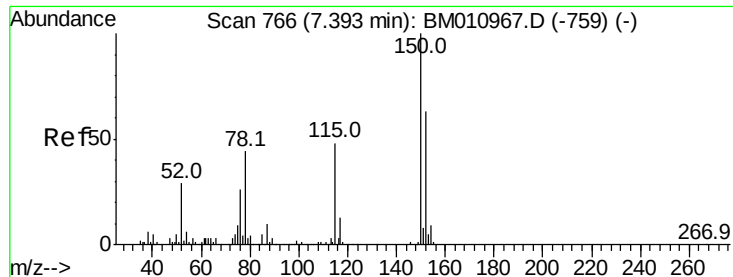
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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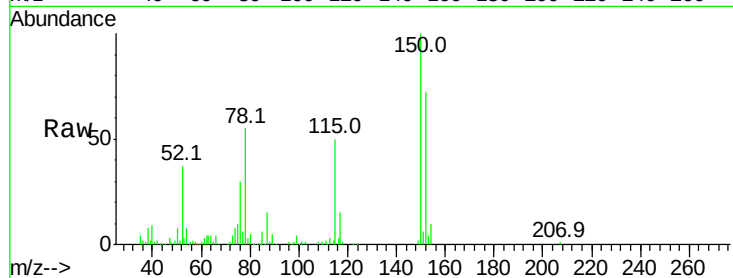


#1

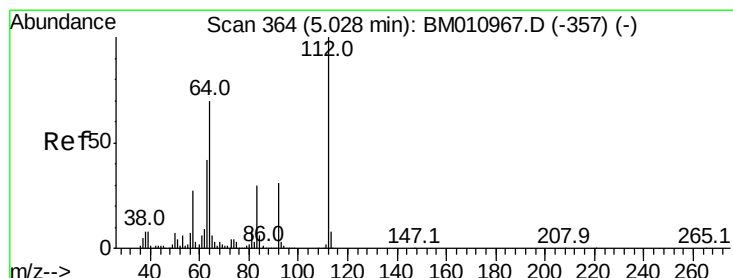
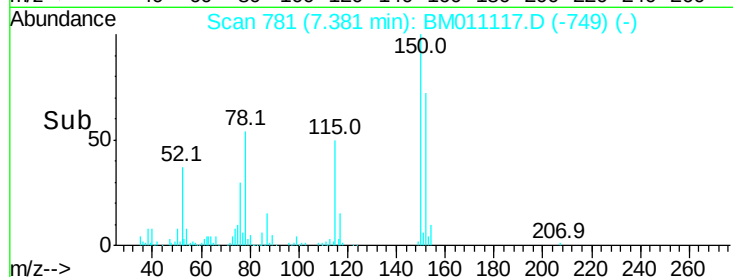
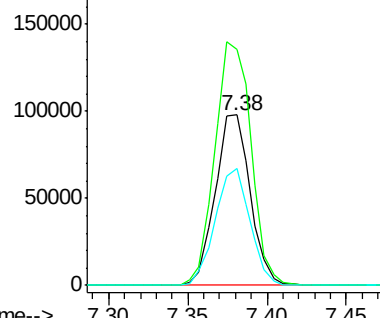
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011117.D
Acq: 03 Aug 2017 09:06

Instrument :
BNA_M
ClientSampleId :
VNJ-229RE

Tot Ion:152 Resp: 149776
Ion Ratio Lower Upper
152 100
150 138.8 119.5 179.3
115 68.9 43.0 64.4#



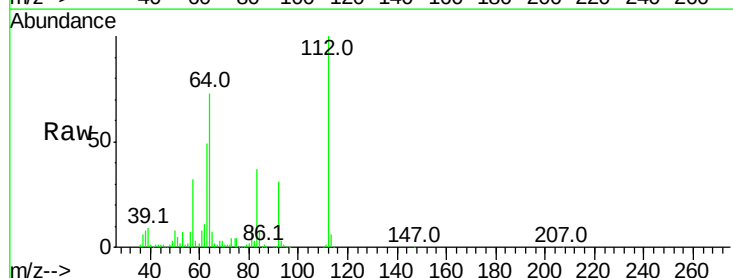
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



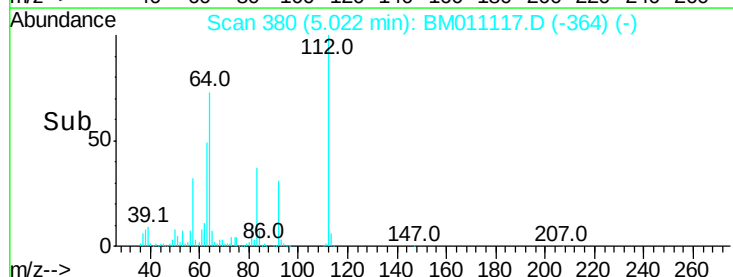
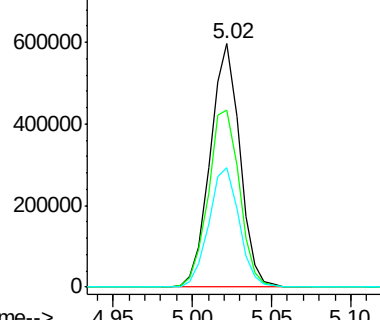
#5

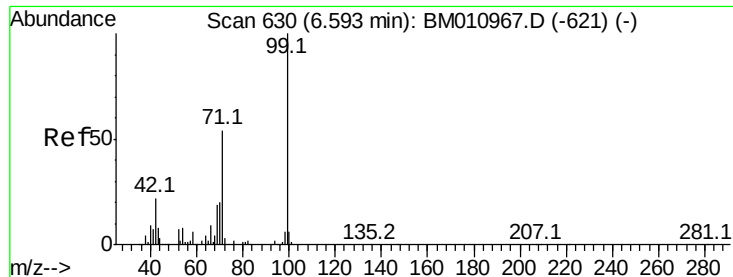
2-Fluorophenol
Concen: 87.367 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM011117.D
Acq: 03 Aug 2017 09:06

Tgt Ion:112 Resp: 774092
Ion Ratio Lower Upper
112 100
64 72.6 38.6 57.8#
63 49.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 78.300 ng

RT: 6.57 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM011117.D

Acq: 03 Aug 2017 09:06

Instrument :

BNA_M

ClientSampleId :

VNJ-229RE

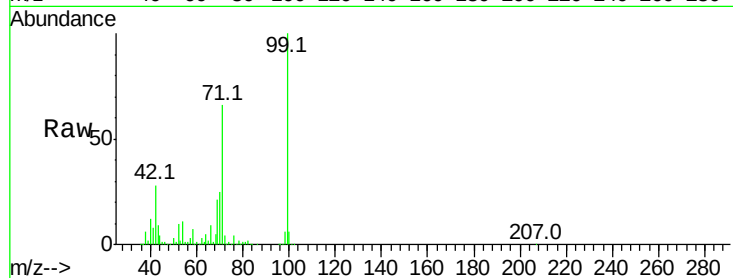
Tot Ion: 99 Resp: 985695

Ion Ratio Lower Upper

99 100

42 28.0 11.0 16.4#

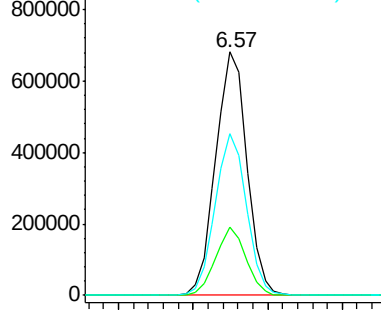
71 66.4 23.4 35.2#



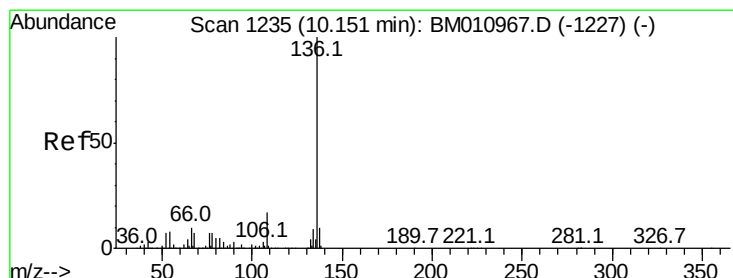
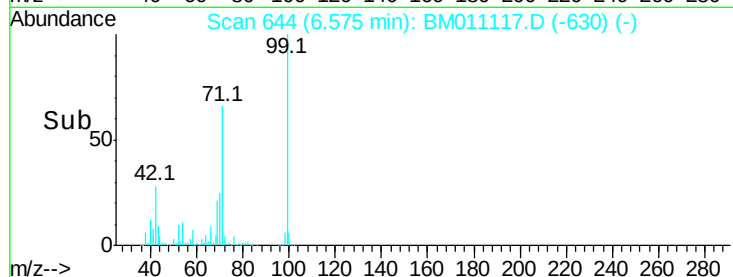
Abundance Ion 99.00 (98.70 to 99.70): BM011117.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011117.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011117.D (-630) (-)



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.13 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM011117.D

Acq: 03 Aug 2017 09:06

Tgt Ion: 136 Resp: 520950

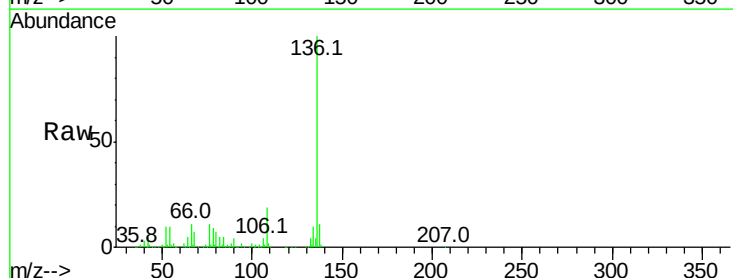
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.8 4.6 6.8#

68 7.1 3.7 5.5#

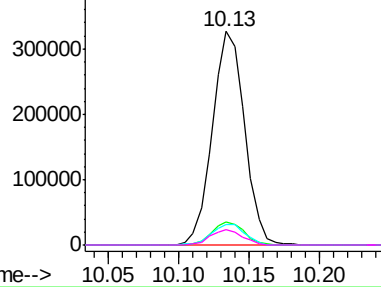


Abundance Ion 136.00 (135.70 to 136.70): BM011117.D (-1235) (-)

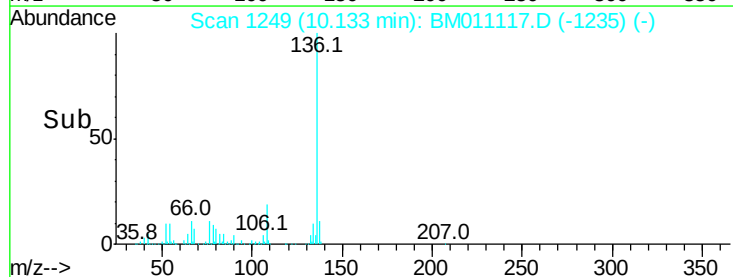
Ion 137.00 (136.70 to 137.70): BM011117.D (-1235) (-)

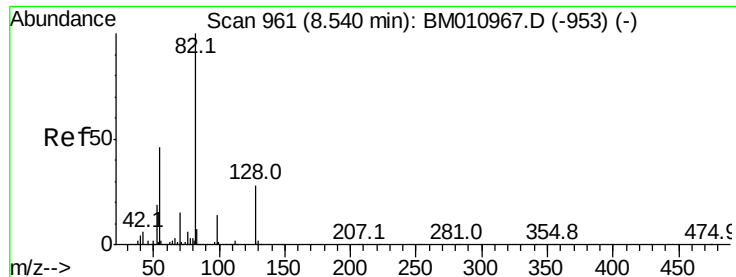
Ion 54.00 (53.70 to 54.70): BM011117.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011117.D (-1235) (-)



Time-->





#23

Nitrobenzene-d5

Concen: 103.131 ng

RT: 8.53 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM011117.D

Acq: 03 Aug 2017 09:06

Instrument :

BNA_M

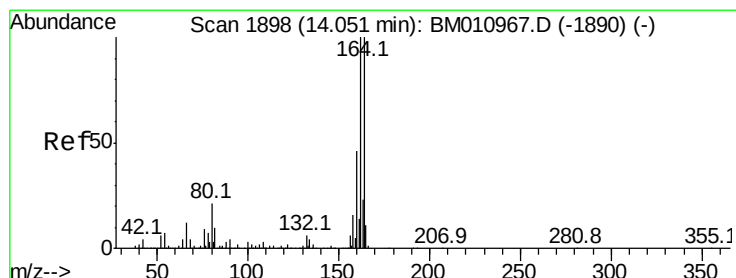
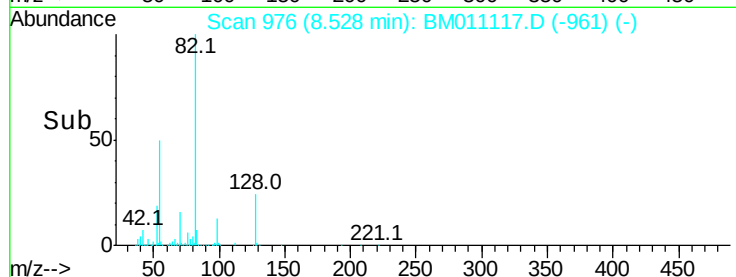
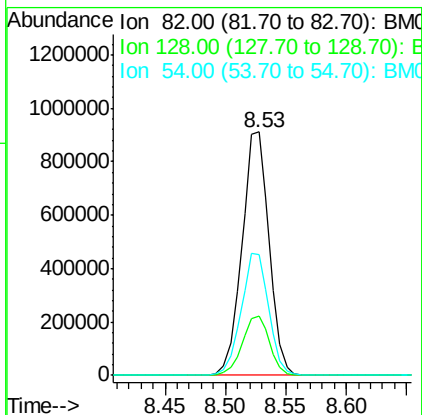
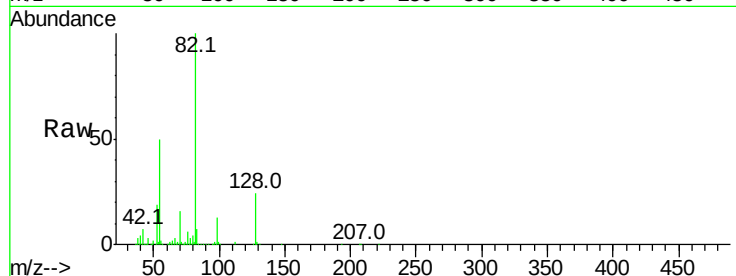
ClientSampleId :

VNJ-229RE

Tot Ion: 82 Resp: 1431490

Ion Ratio Lower Upper

82	100		
128	24.3	32.8	49.2#
54	49.6	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.03 min Scan# 1912

Delta R.T. -0.02 min

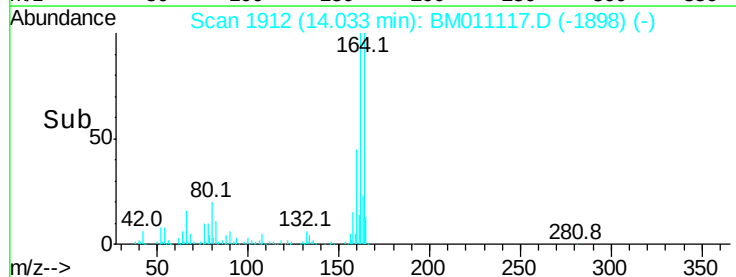
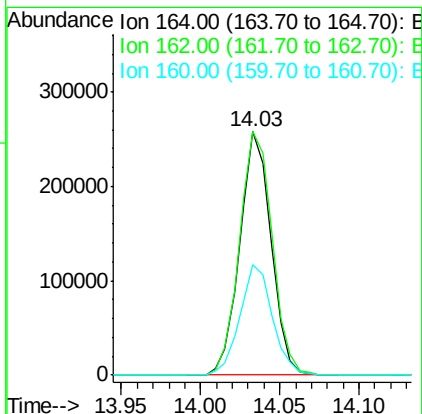
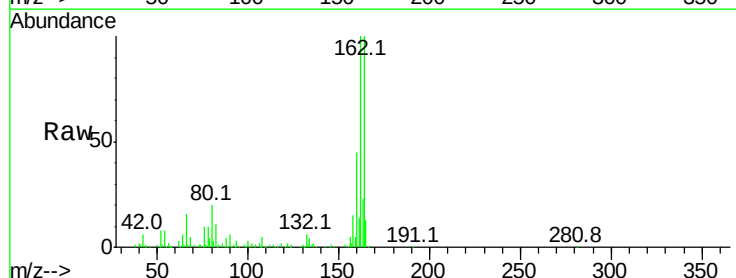
Lab File: BM011117.D

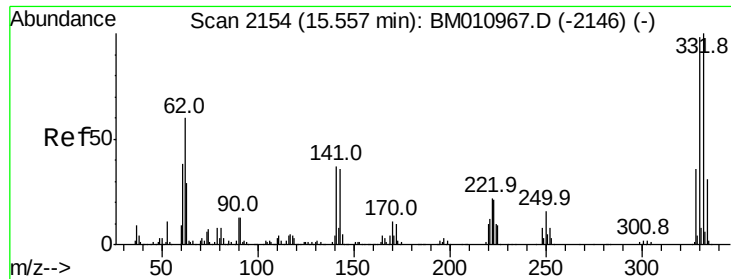
Acq: 03 Aug 2017 09:06

Tgt Ion: 164 Resp: 352071

Ion Ratio Lower Upper

164	100		
162	99.9	82.4	123.6
160	45.4	35.8	53.6

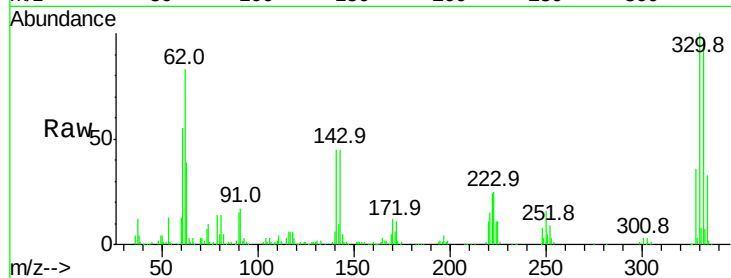




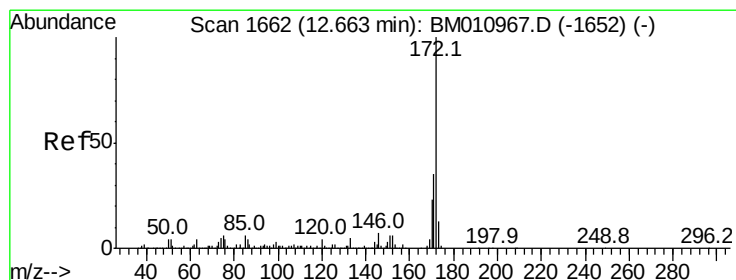
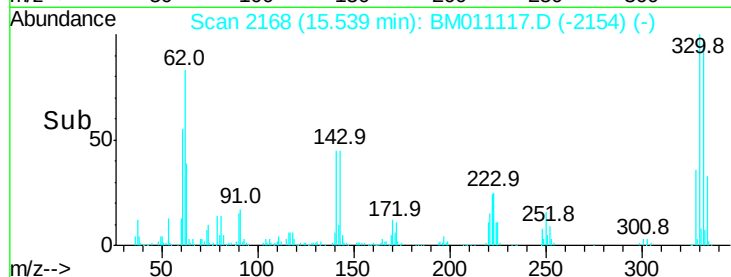
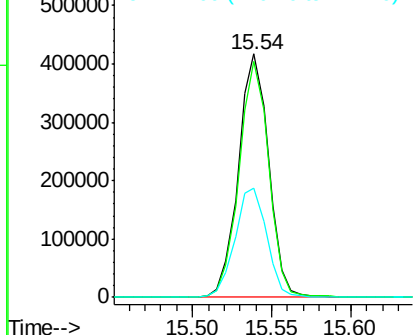
#41
 2,4,6-Tribromophenol
 Concen: 97.828 ng
 RT: 15.54 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM011117.D
 Acq: 03 Aug 2017 09:06

Instrument :
 BNA_M
 ClientSampled :
 VNJ-229RE

Tot Ion:330 Resp: 552040
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 47.1 0.0 0.0#

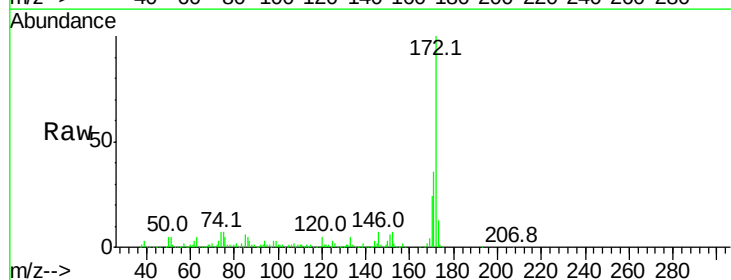


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

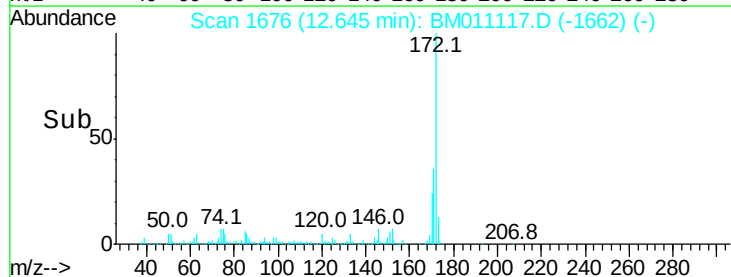
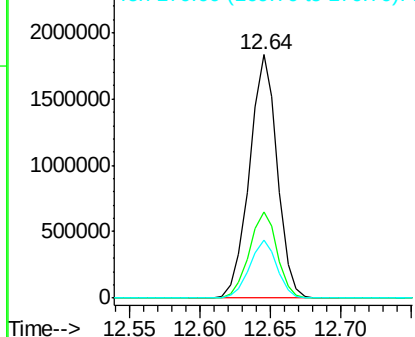


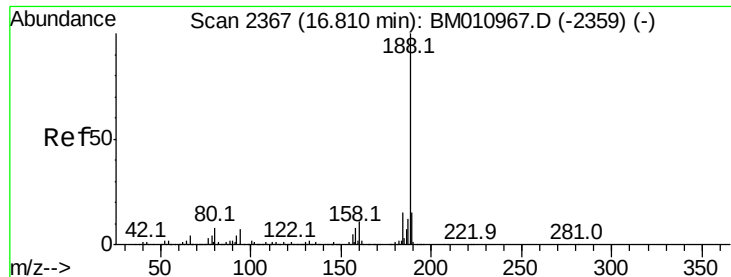
#44
 2-Fluorobiphenyl
 Concen: 90.293 ng
 RT: 12.64 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM011117.D
 Acq: 03 Aug 2017 09:06

Tgt Ion:172 Resp: 2534790
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.6 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

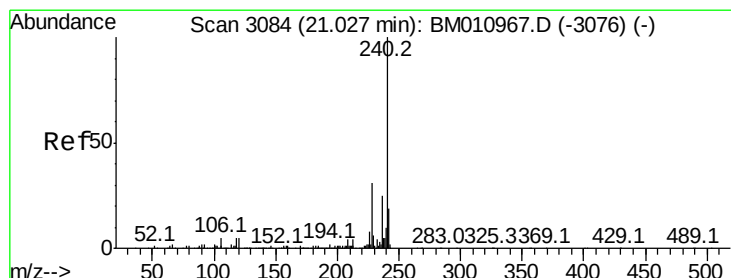
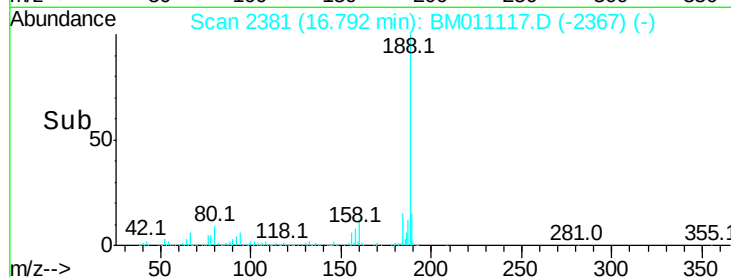
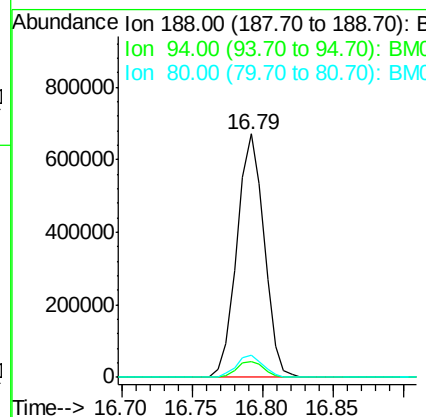
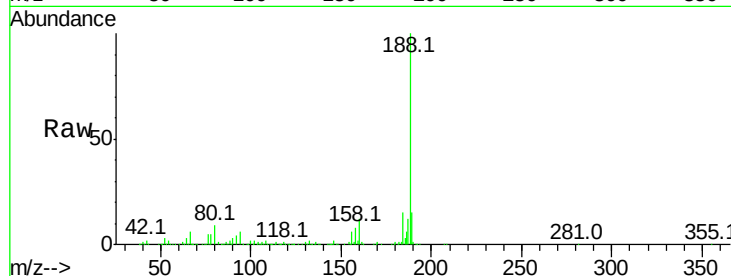




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011117.D
Acq: 03 Aug 2017 09:06

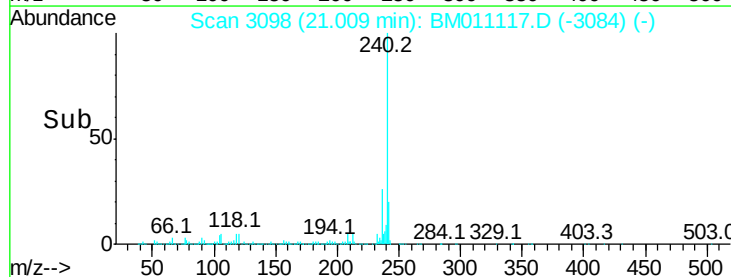
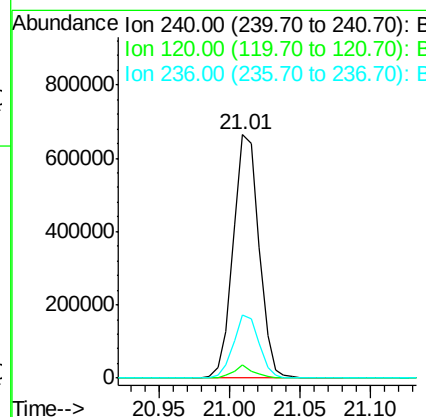
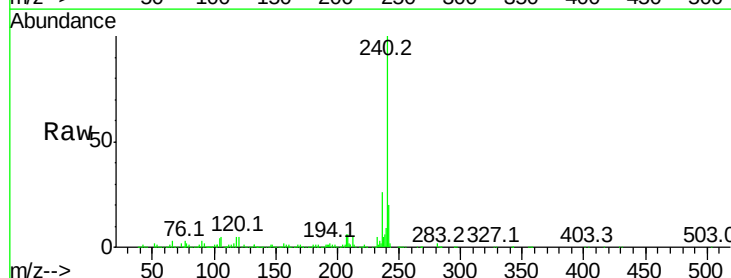
Instrument :
BNA_M
ClientSampleId :
VNJ-229RE

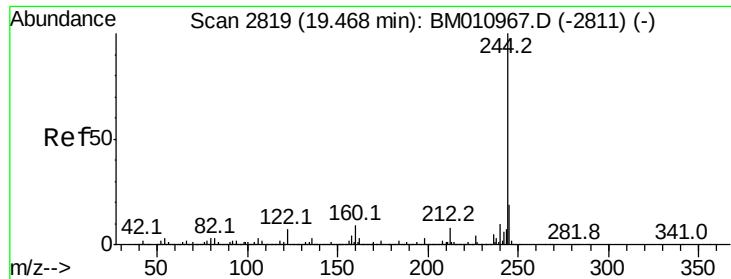
Tot Ion:188 Resp: 902161
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 9.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BM011117.D
Acq: 03 Aug 2017 09:06

Tgt Ion:240 Resp: 849312
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 26.2 20.0 30.0

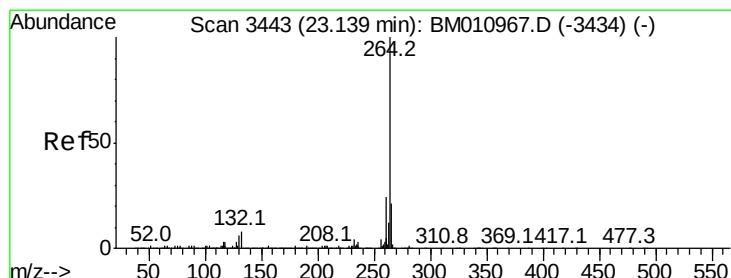
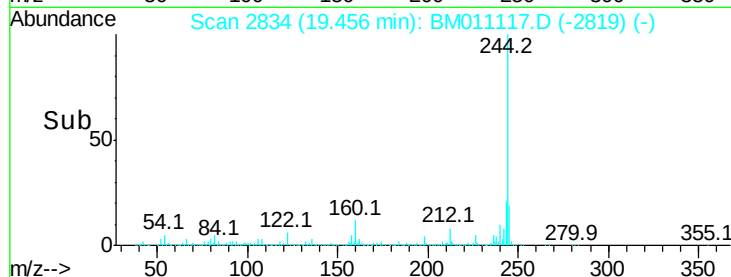
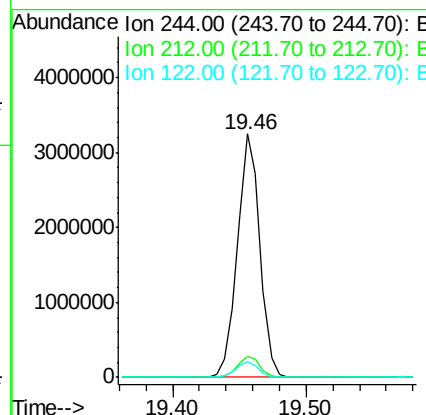
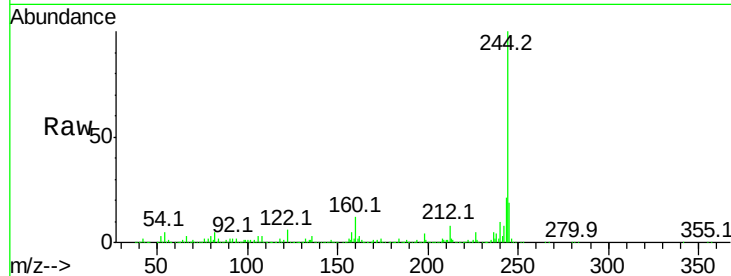




#78
 Terphenyl-d14
 Concen: 88.793 ng
 RT: 19.46 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM011117.D
 Acq: 03 Aug 2017 09:06

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-229RE

Tot Ion:244 Resp: 3807042
 Ion Ratio Lower Upper
 244 100
 212 8.4 4.9 7.3#
 122 6.5 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.12 min Scan# 3457
 Delta R.T. -0.02 min
 Lab File: BM011117.D
 Acq: 03 Aug 2017 09:06

Tgt Ion:264 Resp: 798386
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.6 27.8
 265 23.2 17.3 25.9

