

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011098.D
 Acq On : 02 Aug 2017 17:26
 Operator : SJ/JU
 Sample : I4541-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-229

Quant Time: Aug 03 04:02:02 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

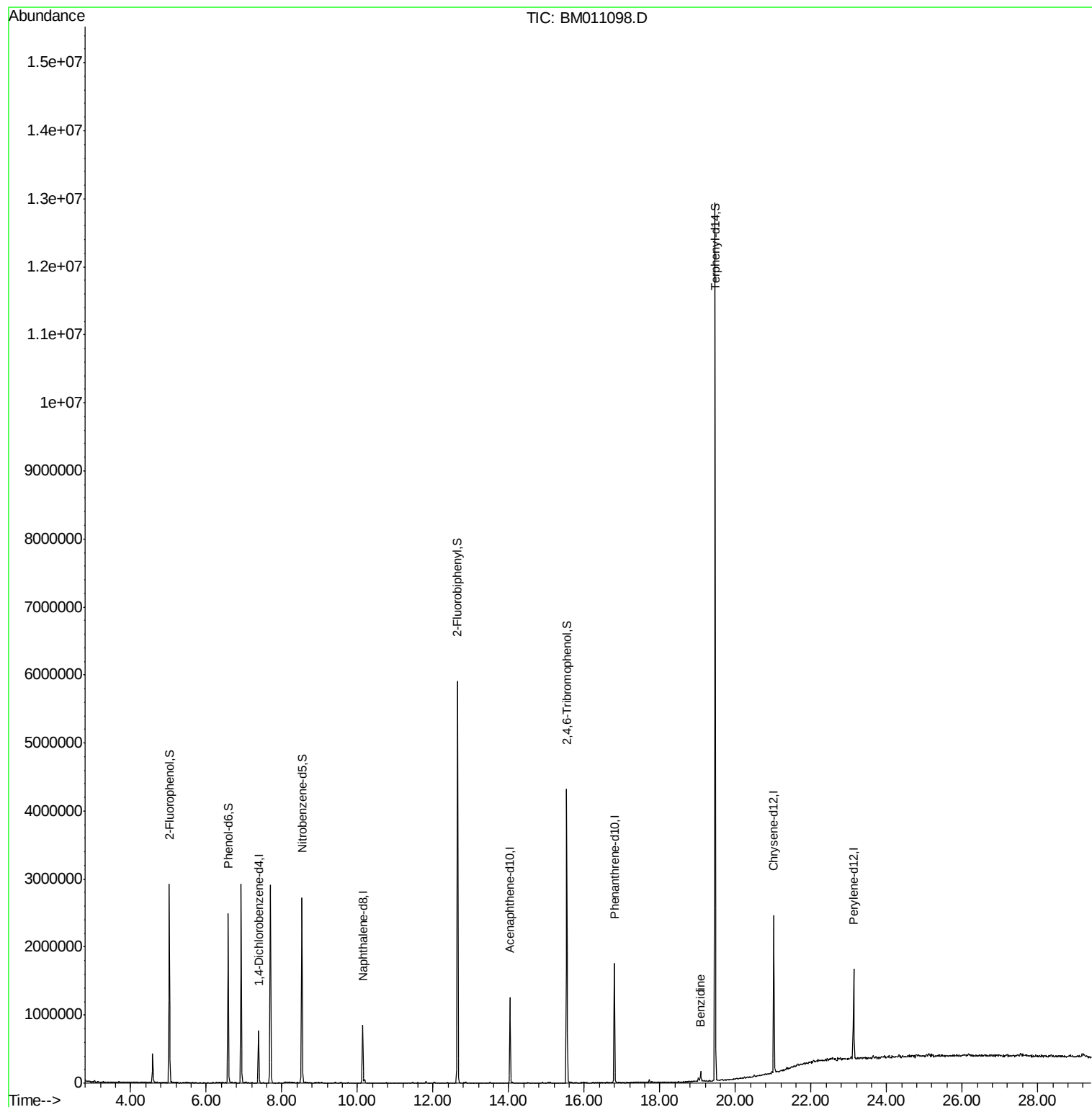
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	137334	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	512893	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	339149	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	902153	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1019642	20.00	ng	-0.01
86) Perylene-d12	23.13	264	878730	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	767154	94.43	ng	0.00
7) Phenol-d6	6.58	99	986058	85.43	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1423206	104.14	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	544513	100.17	ng	-0.02
44) 2-Fluorobiphenyl	12.65	172	2499642	92.43	ng	-0.01
78) Terphenyl-d14	19.46	244	4529875	88.00	ng	0.00
Target Compounds						
76) Benzidine	19.08	184	86905	3.563	ng	Qvalue 100

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

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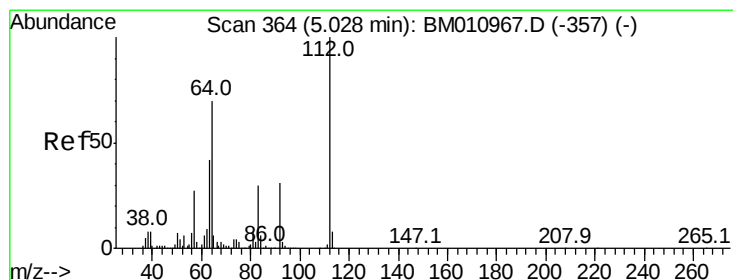
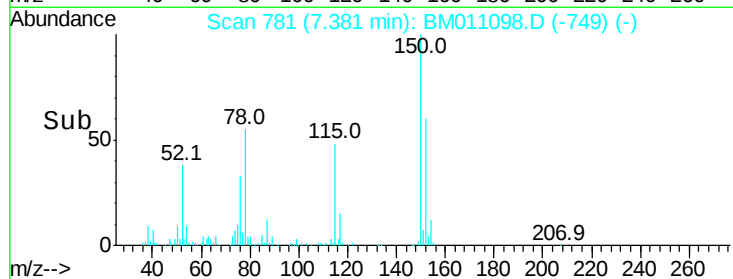
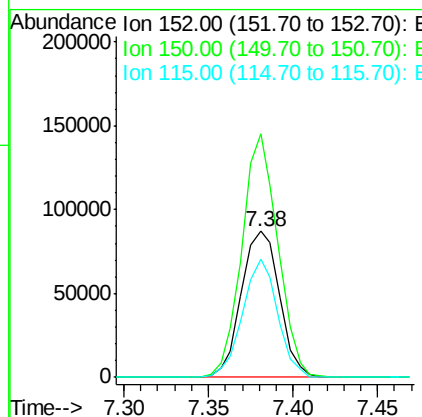
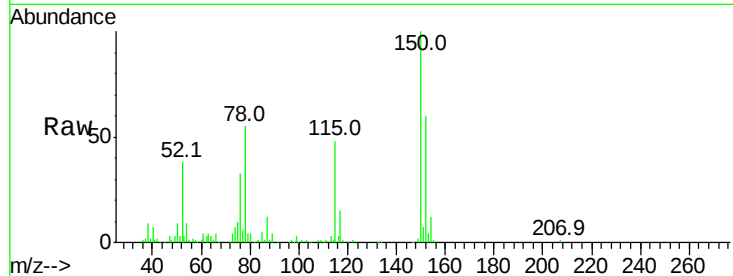


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011098.D
Acq: 02 Aug 2017 17:26

Instrument :
BNA_M
ClientSampleId :
VNJ-229

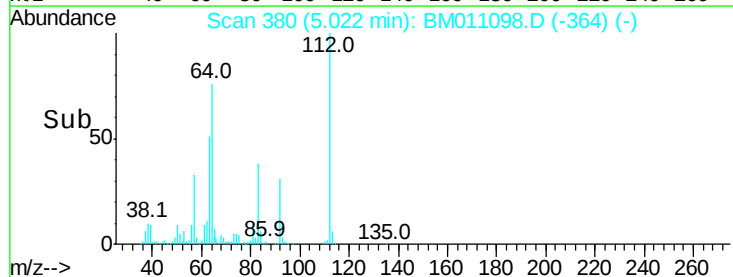
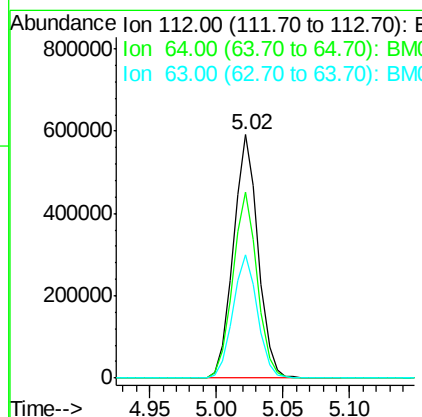
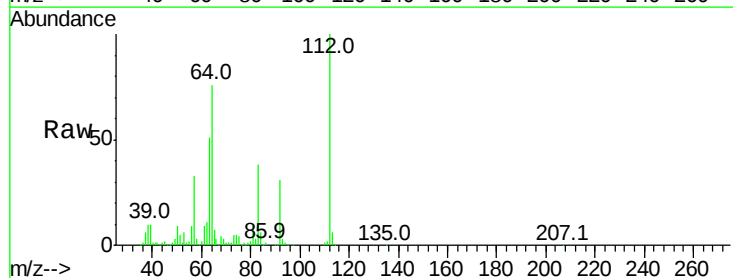
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.7	119.5	179.3
115	80.6	43.0	64.4#

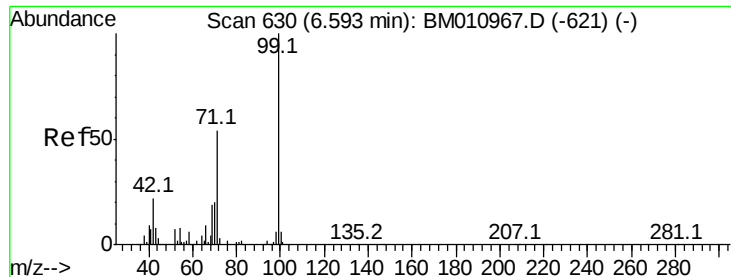


#5

2-Fluorophenol
Concen: 94.429 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011098.D
Acq: 02 Aug 2017 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.3	38.6	57.8#
63	50.7	19.3	28.9#





#7

Phenol-d6

Concen: 85.425 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

Instrument :

BNA_M

ClientSampleId :

VNJ-229

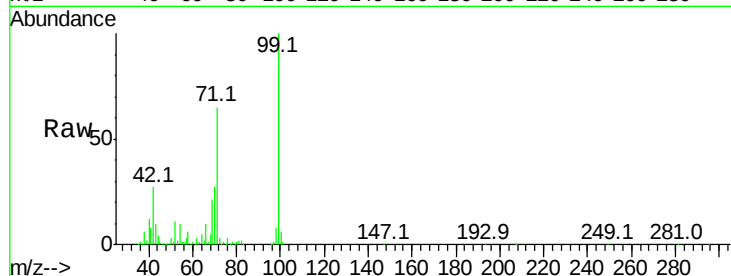
Tot Ion: 99 Resp: 986058

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

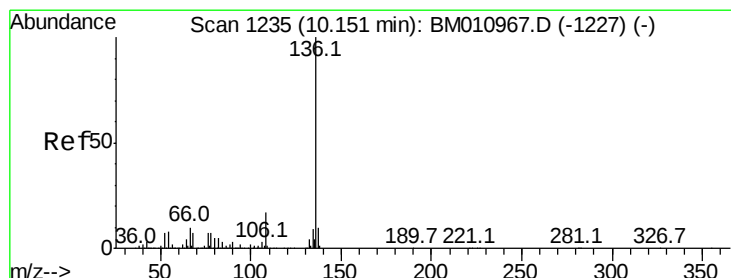
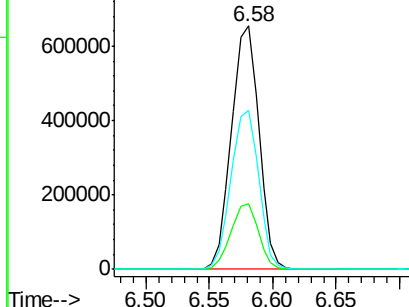
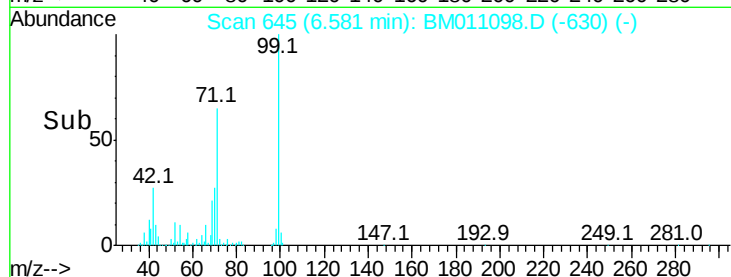
71 65.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011098.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011098.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011098.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

Tgt Ion: 136 Resp: 512893

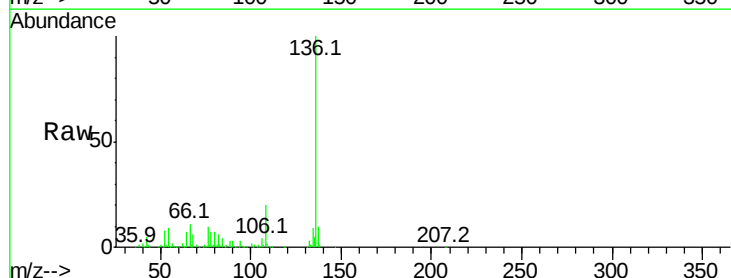
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 8.7 4.6 6.8#

68 6.3 3.7 5.5#

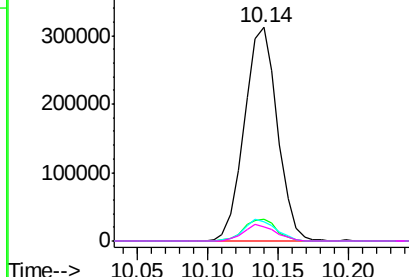
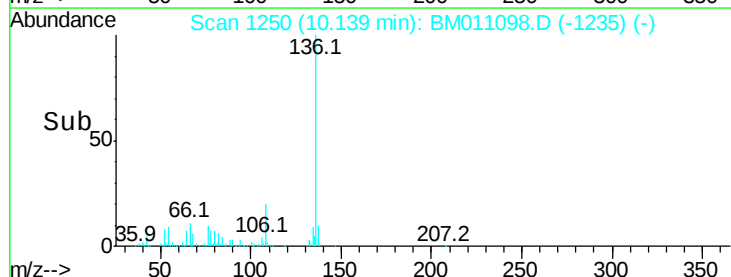


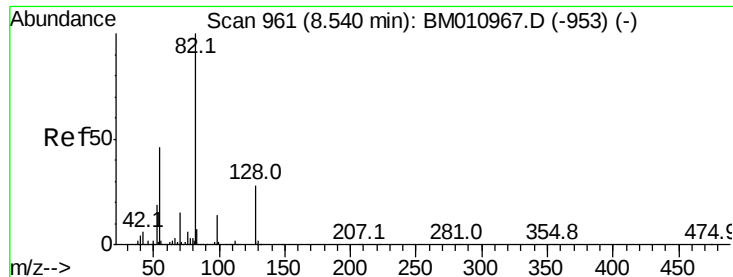
Abundance Ion 136.00 (135.70 to 136.70): BM011098.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011098.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011098.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011098.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 104.145 ng

RT: 8.53 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

Instrument :

BNA_M

ClientSampleId :

VNJ-229

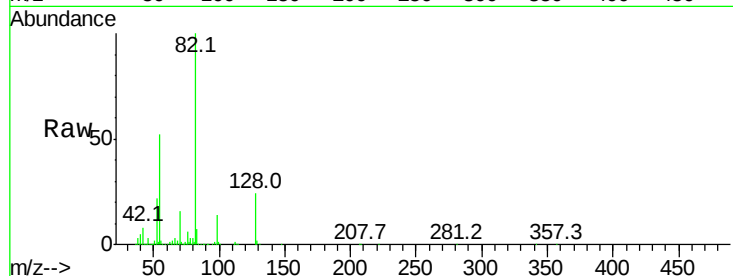
Tot Ion: 82 Resp: 1423206

Ion Ratio Lower Upper

82 100

128 23.9 32.8 49.2#

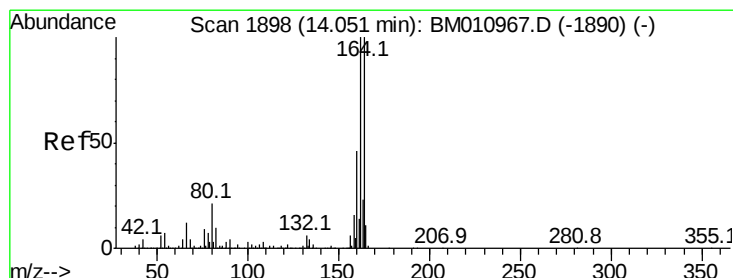
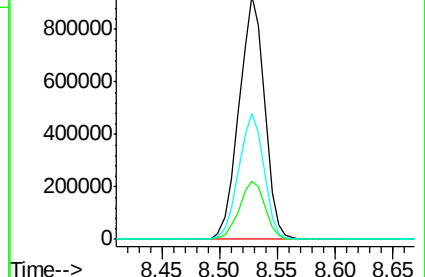
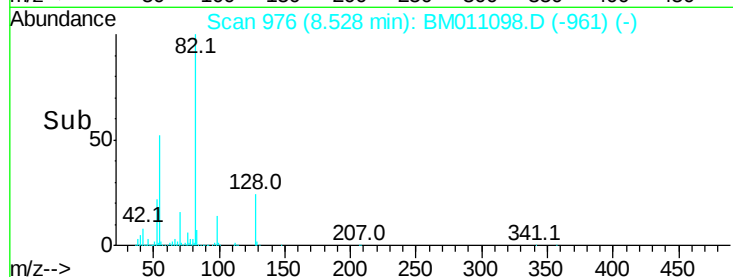
54 51.9 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011098.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011098.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011098.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

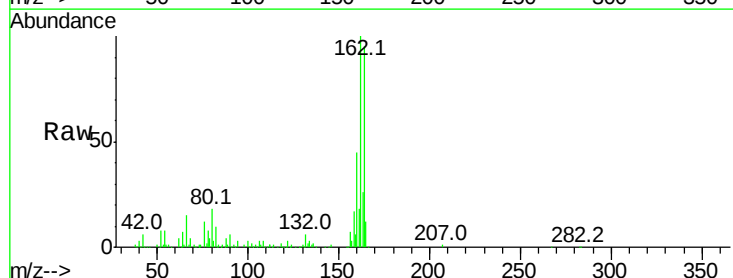
Tgt Ion: 164 Resp: 339149

Ion Ratio Lower Upper

164 100

162 105.4 82.4 123.6

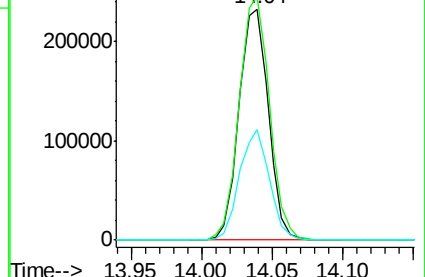
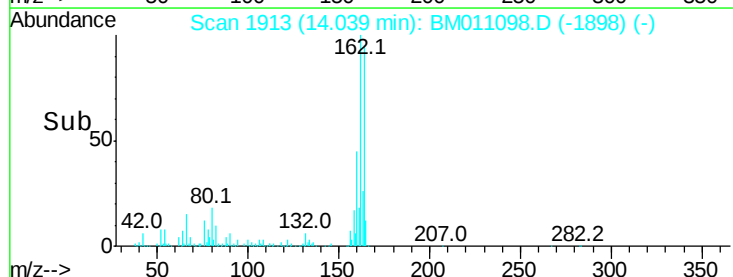
160 47.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM011098.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011098.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011098.D (-1898) (-)

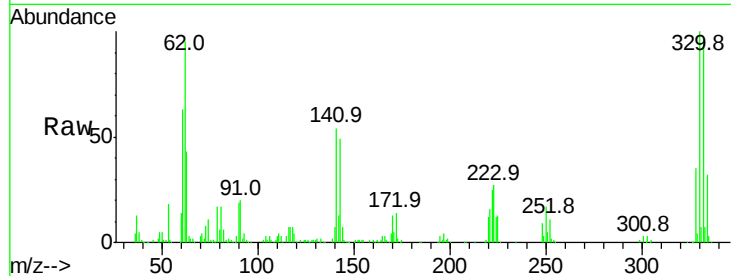




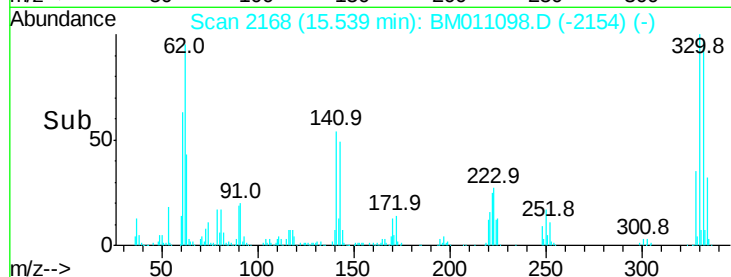
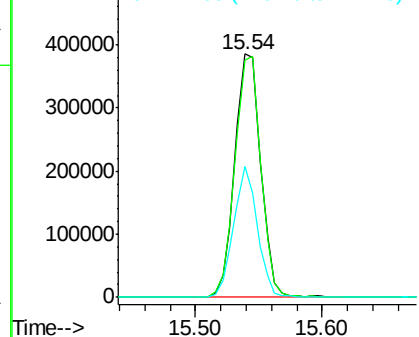
#41
 2,4,6-Tribromophenol
 Concen: 100.171 ng
 RT: 15.54 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM011098.D
 Acq: 02 Aug 2017 17:26

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-229

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	0.0	0.0#
141	49.4	0.0	0.0#

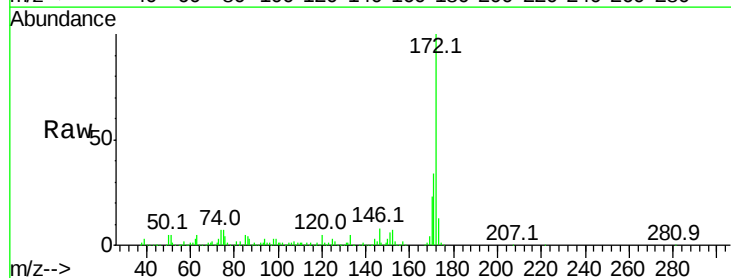


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

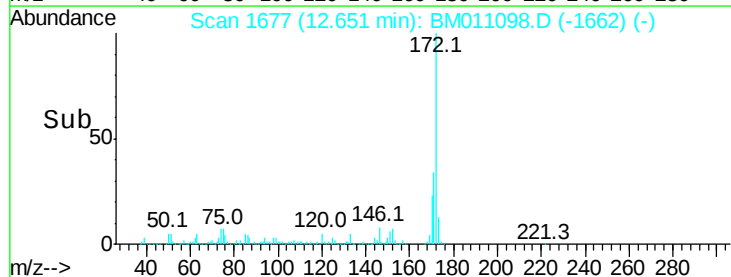
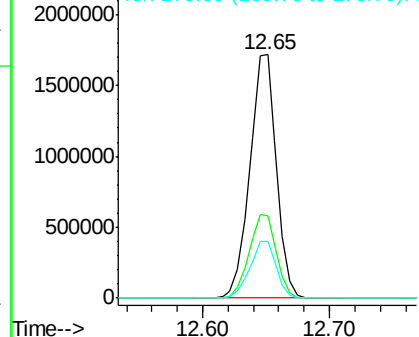


#44
 2-Fluorobiphenyl
 Concen: 92.434 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011098.D
 Acq: 02 Aug 2017 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	23.2	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

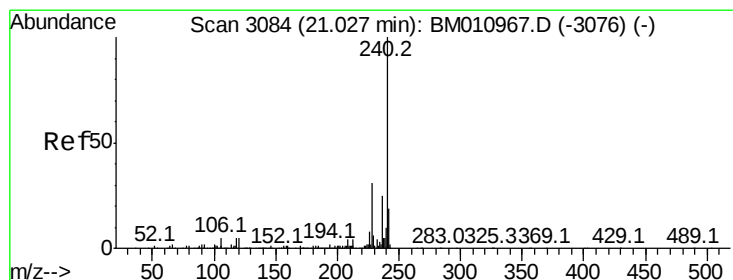
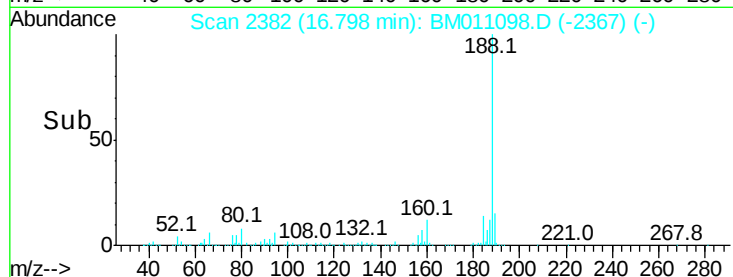
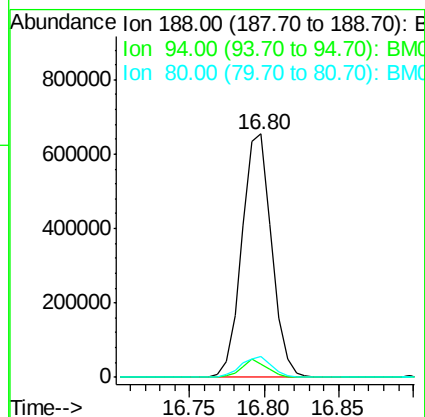
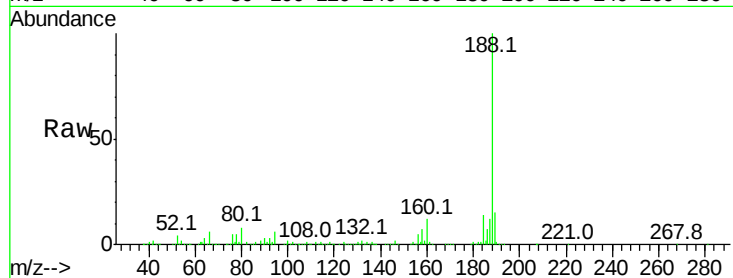




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011098.D
Acq: 02 Aug 2017 17:26

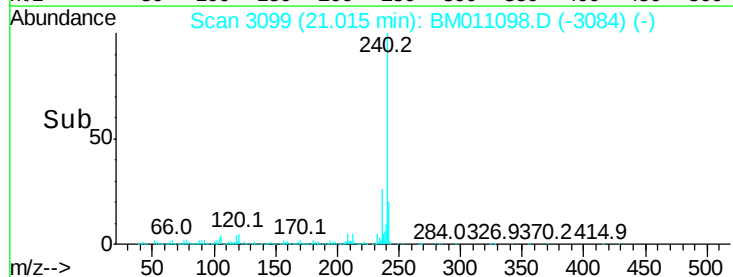
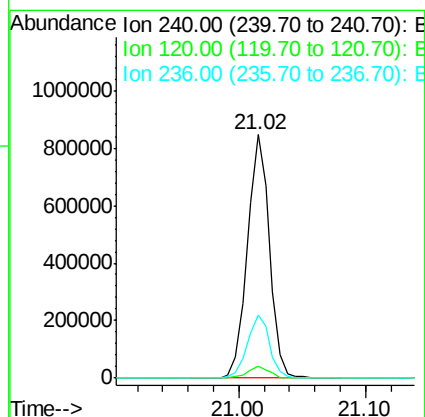
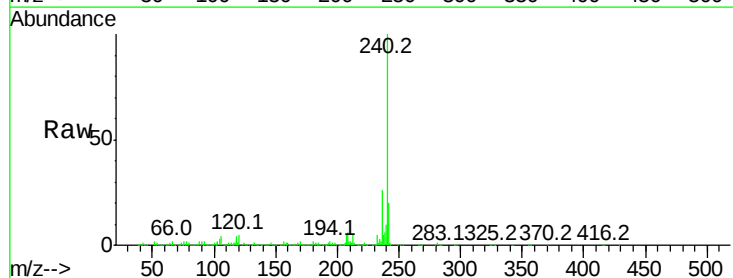
Instrument :
BNA_M
ClientSampleId :
VNJ-229

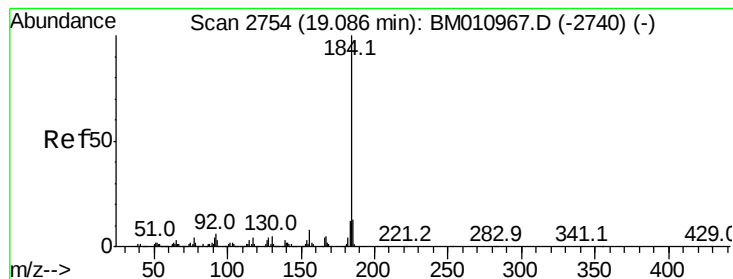
Tot Ion:188 Resp: 902153
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 8.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011098.D
Acq: 02 Aug 2017 17:26

Tgt Ion:240 Resp: 1019642
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 26.1 20.0 30.0





#76

Benzidine

Concen: 3.563 ng

RT: 19.08 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

Instrument :

BNA_M

ClientSampleId :

VNJ-229

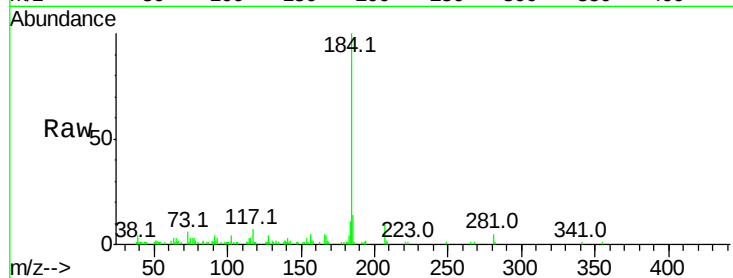
Tot Ion:184 Resp: 86905

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

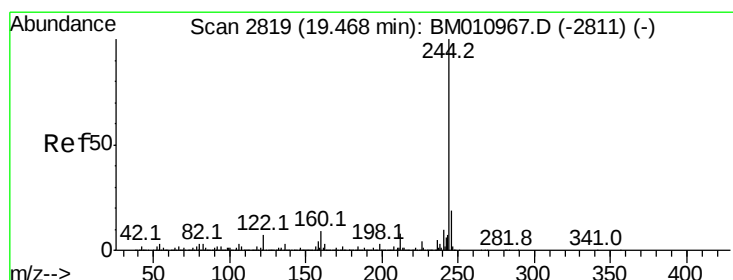
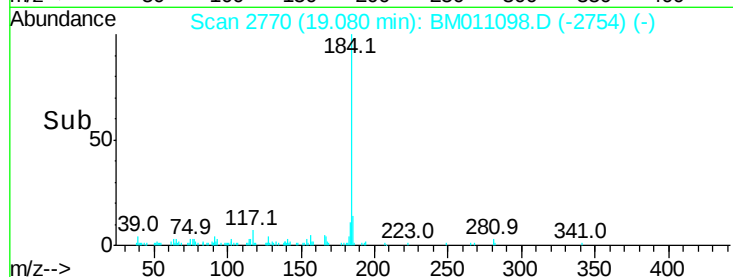
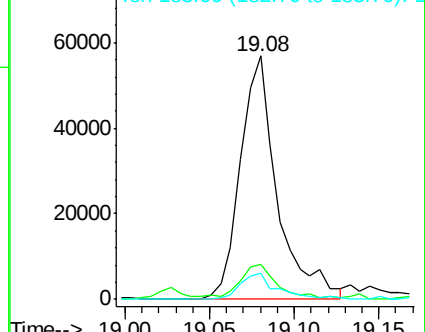
183 10.8 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 88.002 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

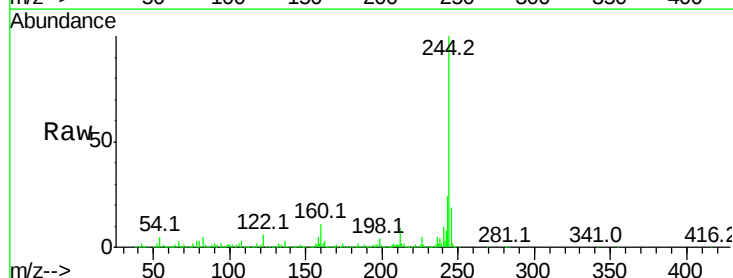
Tgt Ion:244 Resp: 4529875

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

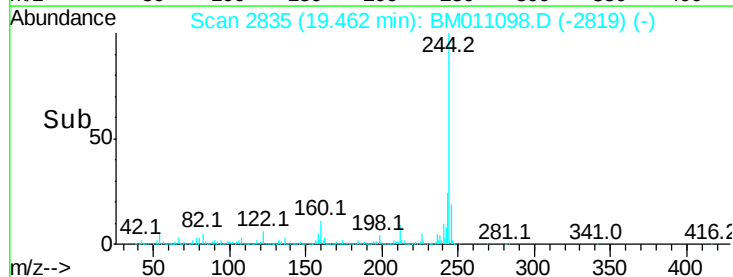
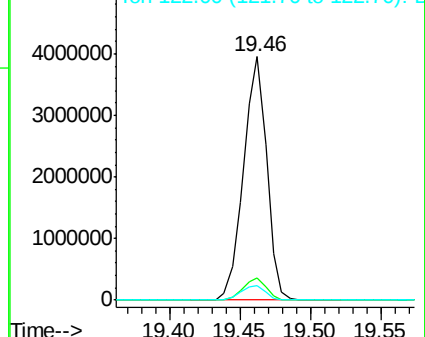
122 5.7 6.2 9.4#

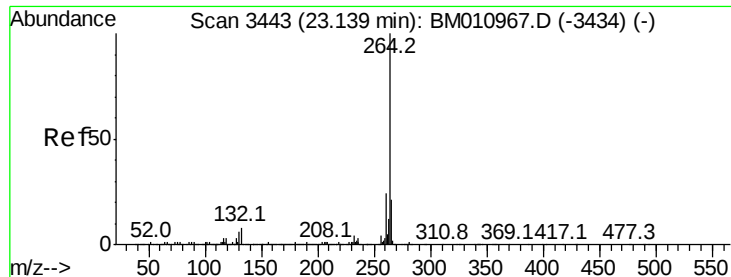


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.13 min Scan# 3458
 Delta R.T. -0.01 min
 Lab File: BM011098.D
 Acq: 02 Aug 2017 17:26

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-229

Tot Ion: 264 Resp: 878730
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 27.8
 265 24.3 17.3 25.9

