

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
 Data File : BM010951.D
 Acq On : 22 Jul 2017 00:23
 Operator : SJ/JU
 Sample : I4312-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-237

Quant Time: Jul 22 02:30:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

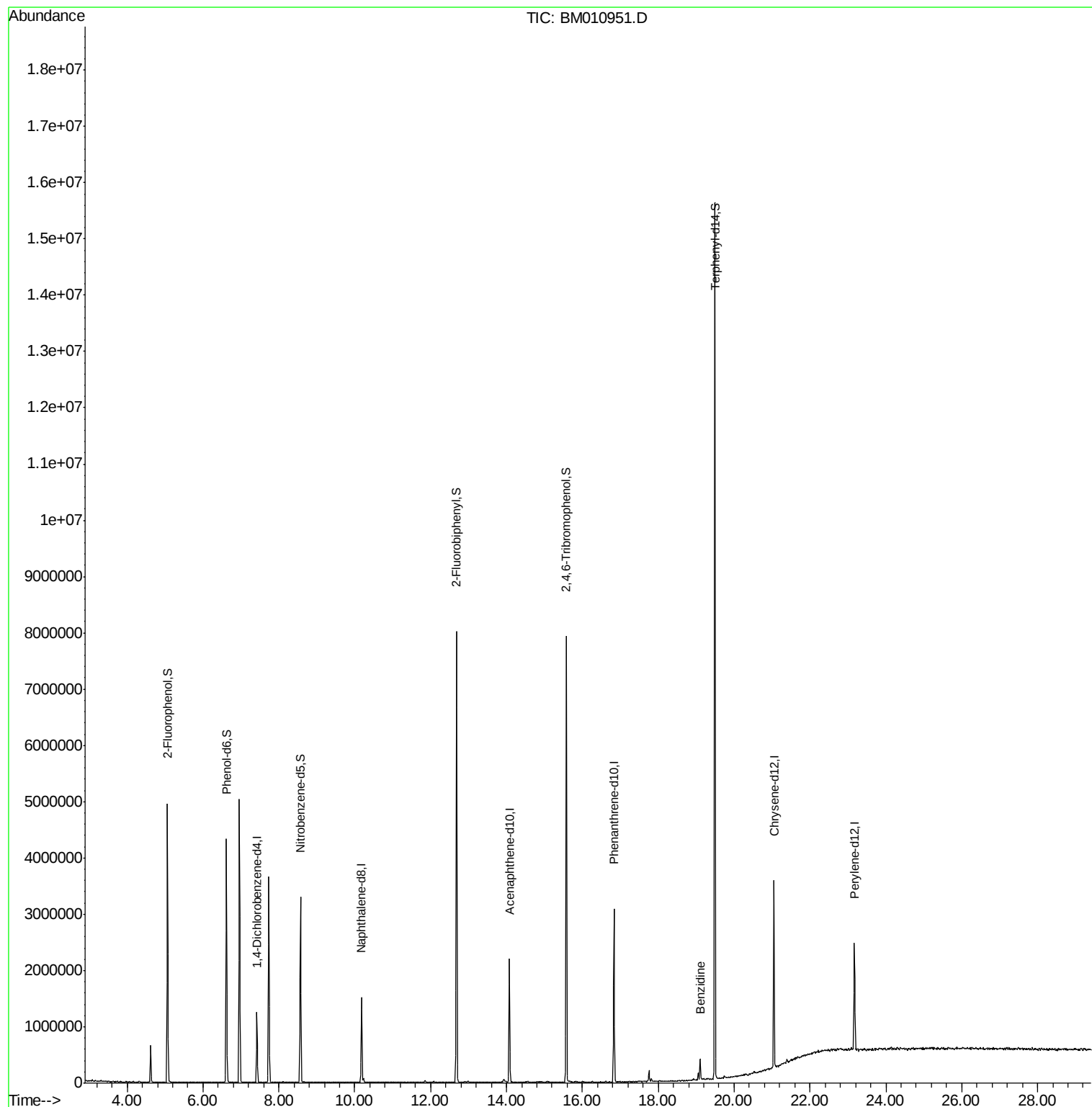
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	254694	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	972963	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	632981	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1649224	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1598307	20.00	ng	-0.02
86) Perylene-d12	23.17	264	1337724	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1522504	99.02	ng	-0.02
7) Phenol-d6	6.62	99	1933480	91.22	ng	-0.02
23) Nitrobenzene-d5	8.57	82	1802092	71.19	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1211812	125.28	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	3583246	70.42	ng	-0.02
78) Terphenyl-d14	19.50	244	6494408	78.59	ng	-0.01
Target Compounds						
76) Benzidine	19.10	184	209264	4.893	ng	Qvalue 96

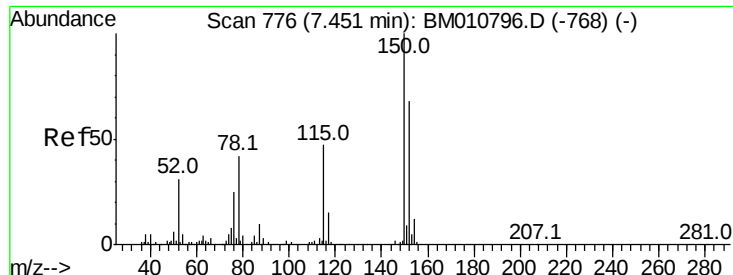
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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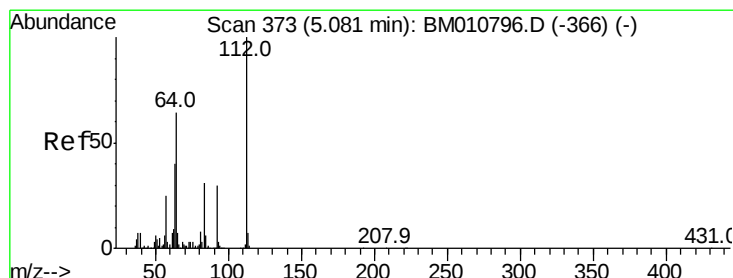
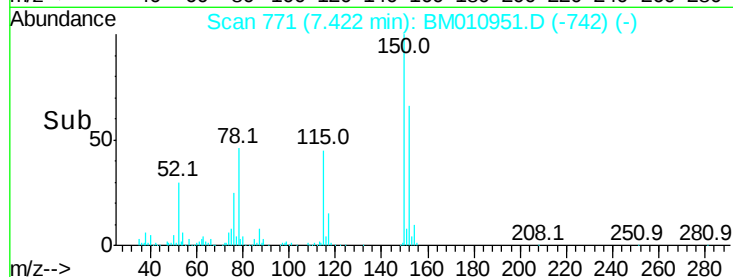
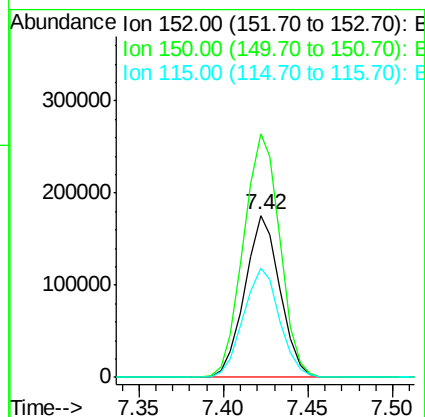
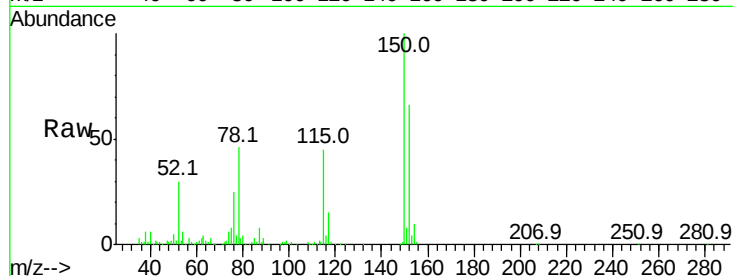


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010951.D
Acq: 22 Jul 2017 00:23

Instrument :
BNA_M
ClientSampleId :
VNJ-237

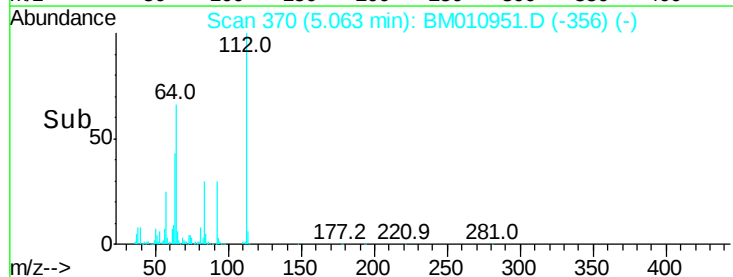
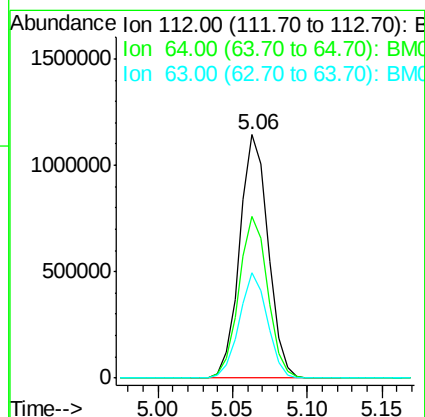
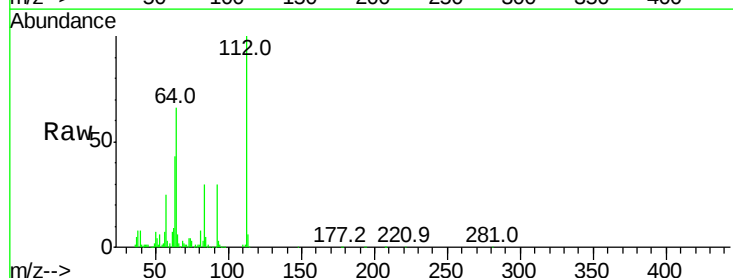
Tot Ion:152 Resp: 254694
Ion Ratio Lower Upper
152 100
150 150.4 119.5 179.3
115 67.1 43.0 64.4#

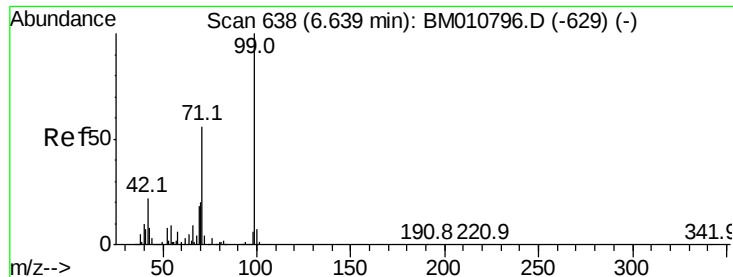


#5

2-Fluorophenol
Concen: 99.021 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.02 min
Lab File: BM010951.D
Acq: 22 Jul 2017 00:23

Tgt Ion:112 Resp: 1522504
Ion Ratio Lower Upper
112 100
64 66.5 38.6 57.8#
63 43.2 19.3 28.9#





#7

Phenol-d6

Concen: 91.217 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

Instrument :

BNA_M

ClientSampleId :

VNJ-237

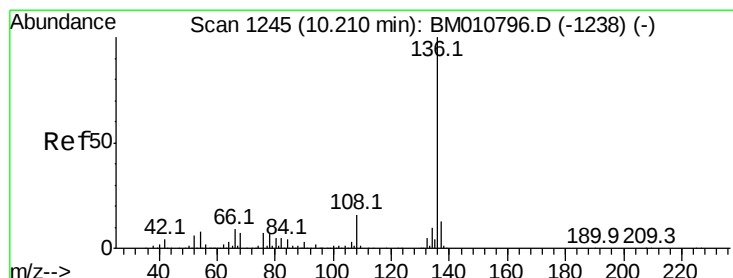
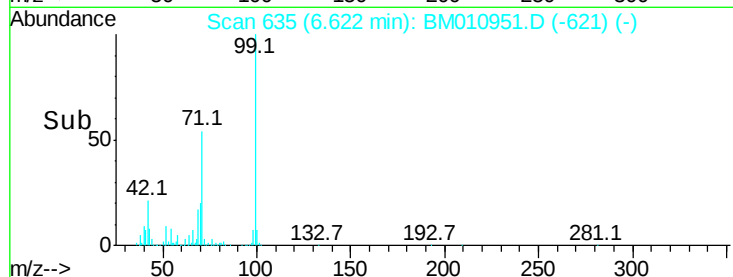
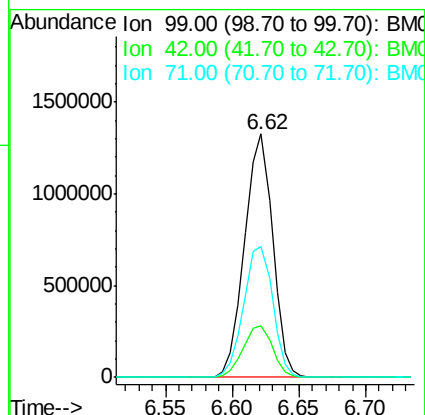
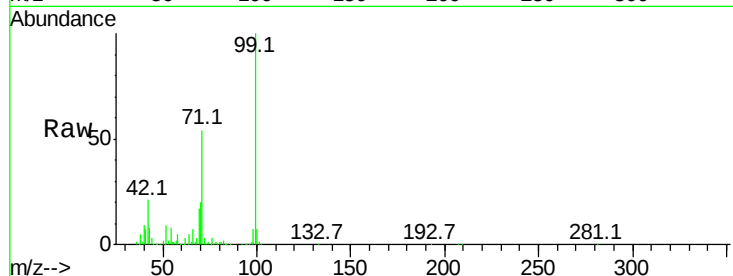
Tot Ion: 99 Resp: 1933480

Ion Ratio Lower Upper

99 100

42 21.3 11.0 16.4#

71 53.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

Tgt Ion: 136 Resp: 972963

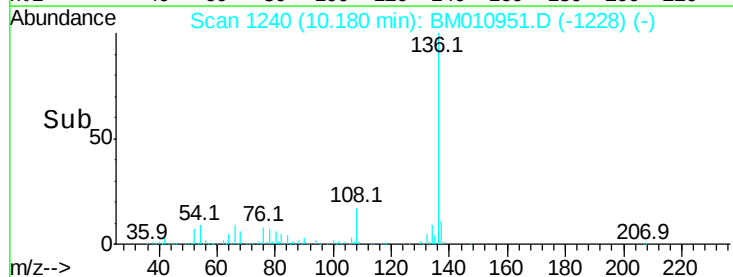
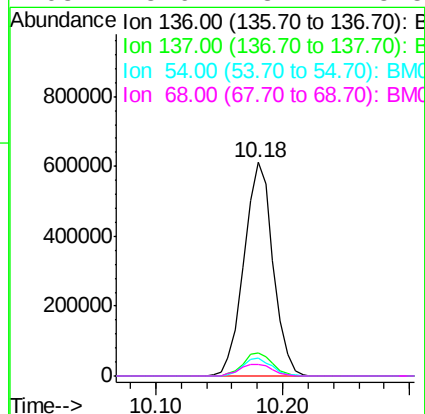
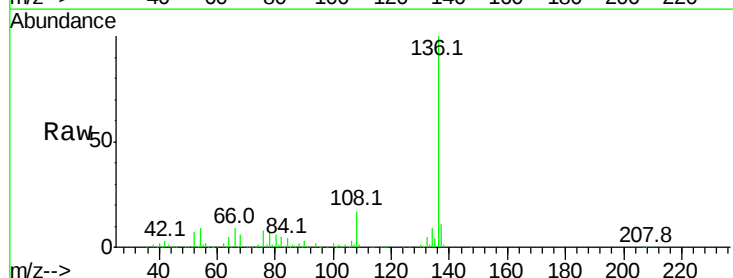
Ion Ratio Lower Upper

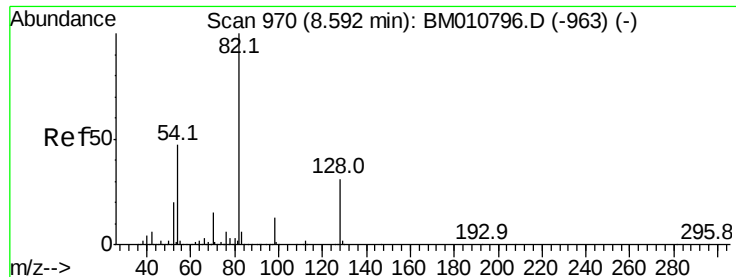
136 100

137 10.7 8.7 13.1

54 8.7 4.6 6.8#

68 5.6 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 71.193 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

Instrument :

BNA_M

ClientSampled :

VNJ-237

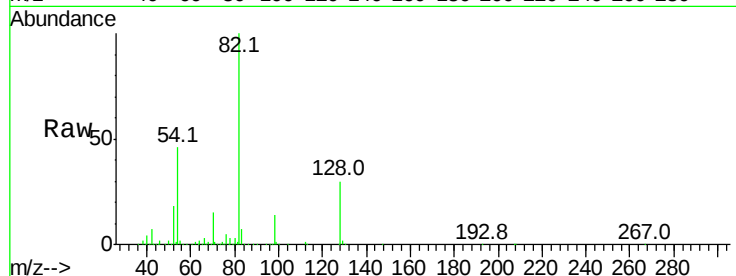
Tot Ion: 82 Resp: 1802092

Ion Ratio Lower Upper

82 100

128 30.0 32.8 49.2#

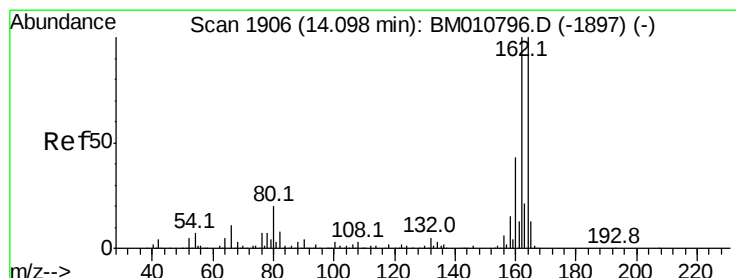
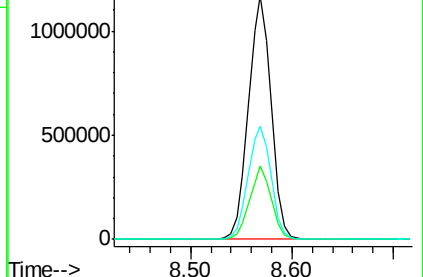
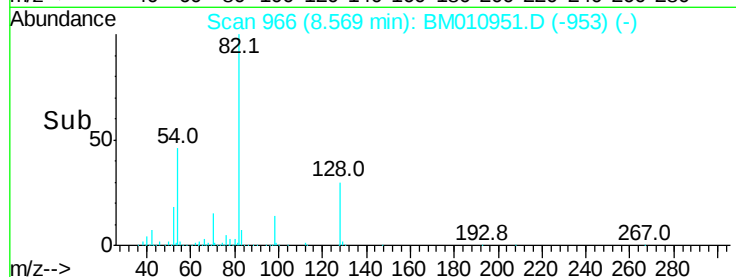
54 46.4 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

Ion 128.00 (127.70 to 128.70): BM010796.D (-963) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-963) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

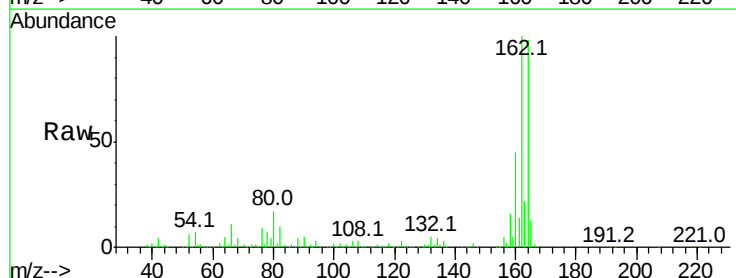
Tgt Ion: 164 Resp: 632981

Ion Ratio Lower Upper

164 100

162 102.2 82.4 123.6

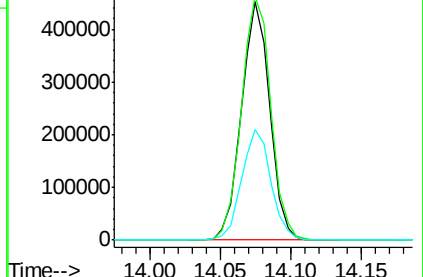
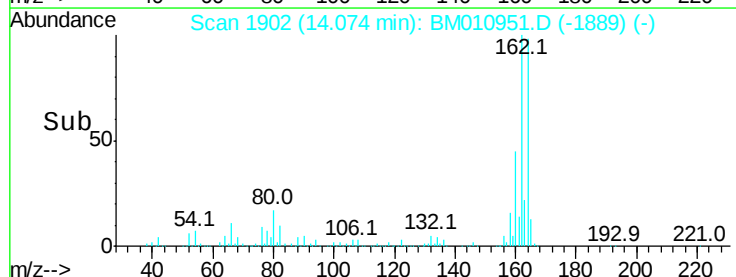
160 46.3 35.8 53.6

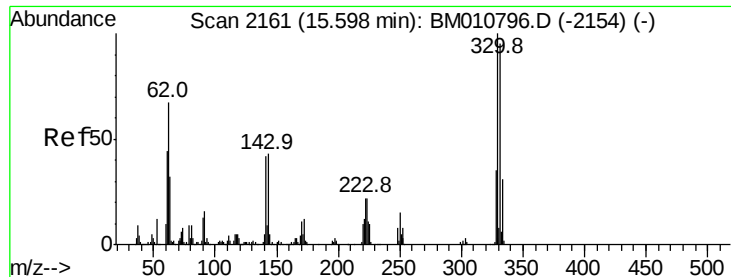


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

Ion 162.00 (161.70 to 162.70): BM010796.D (-1897) (-)

Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)

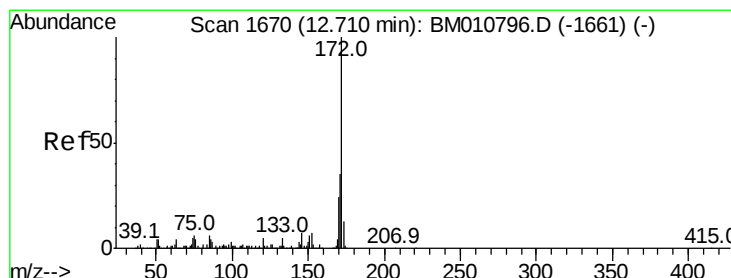
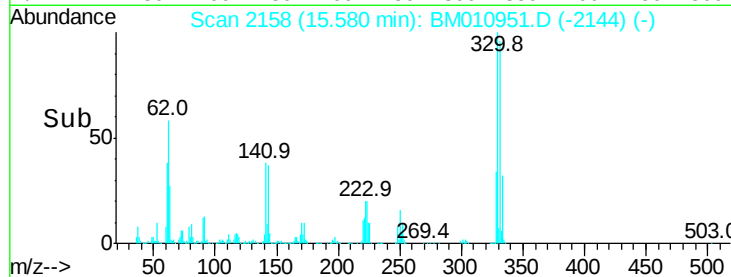
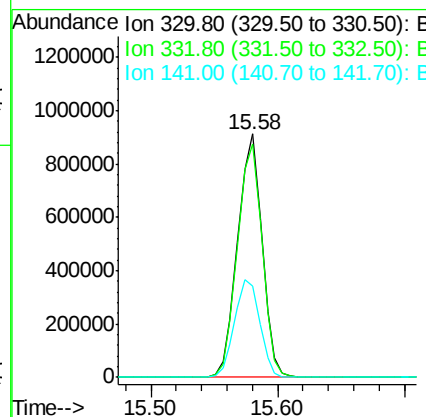
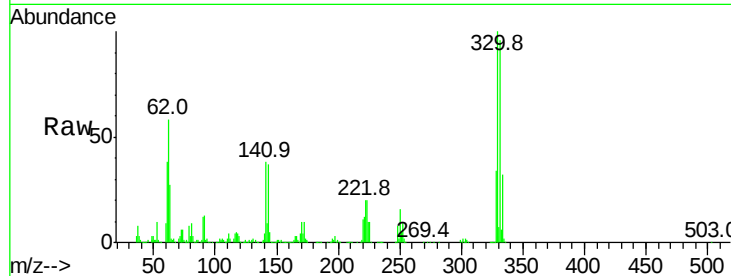




#41
 2,4,6-Tribromophenol
 Concen: 125.276 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010951.D
 Acq: 22 Jul 2017 00:23

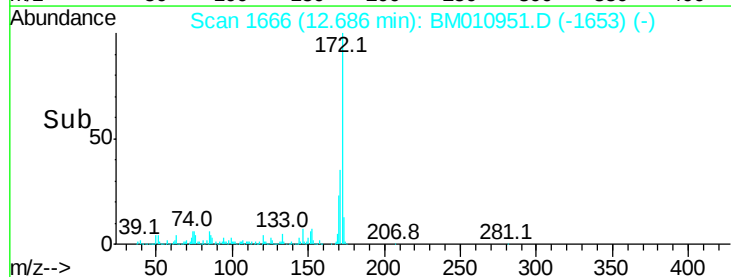
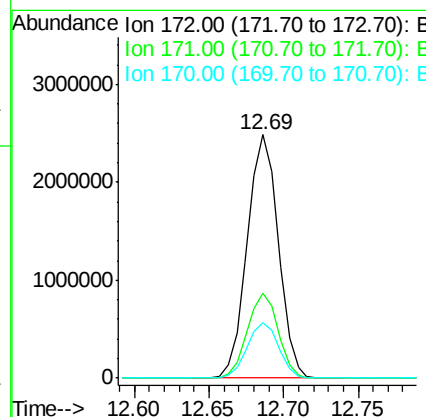
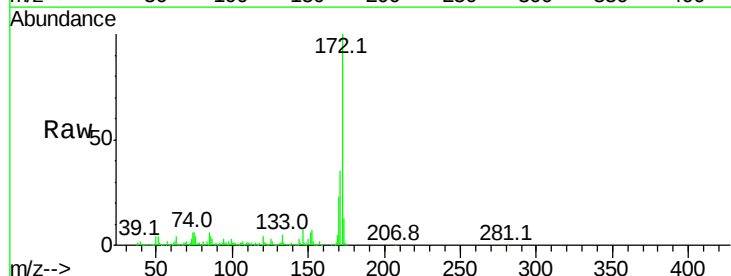
Instrument :
 BNA_M
 ClientSampleId :
 VNJ-237

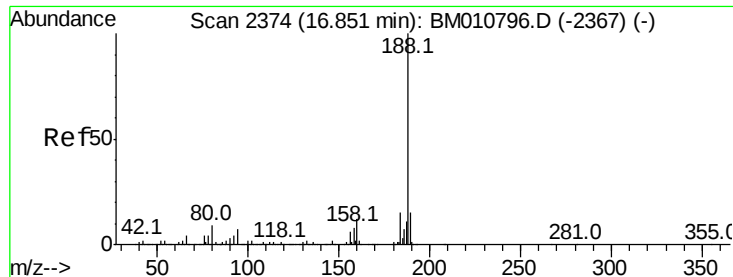
Tot Ion:330 Resp: 1211812
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 41.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 70.423 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010951.D
 Acq: 22 Jul 2017 00:23

Tgt Ion:172 Resp: 3583246
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 22.6 18.8 28.2

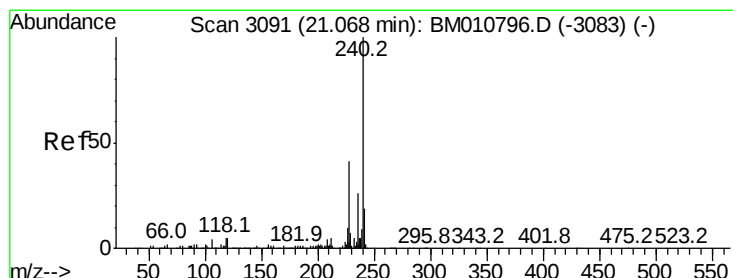
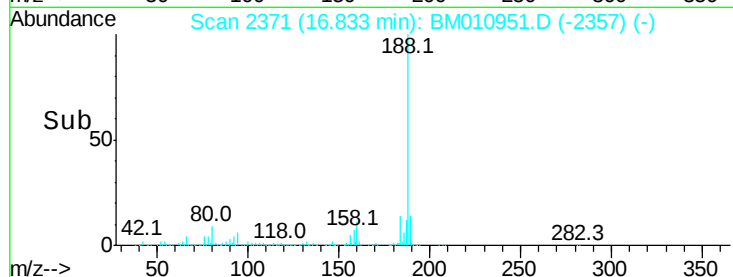
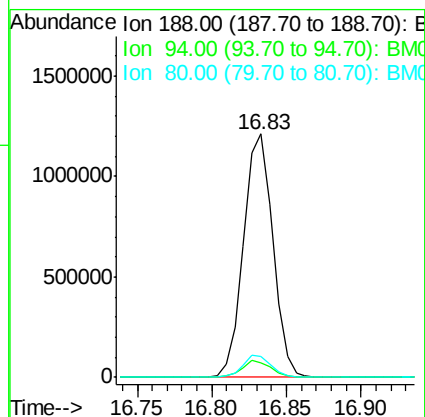
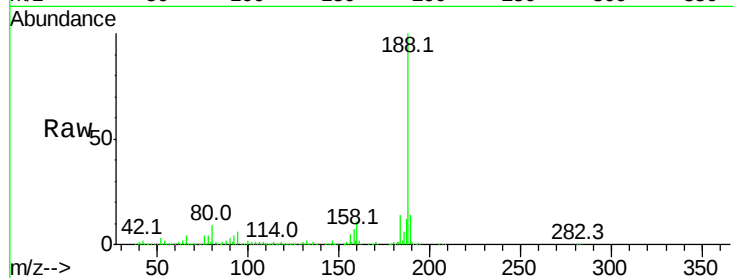




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010951.D
Acq: 22 Jul 2017 00:23

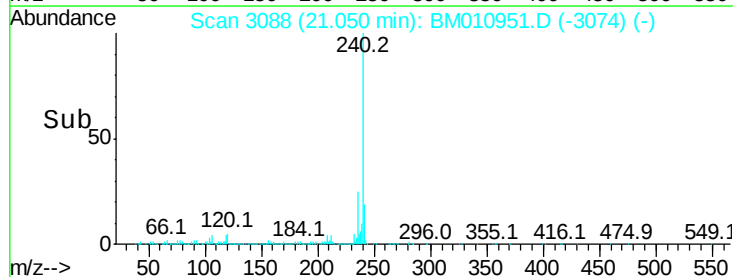
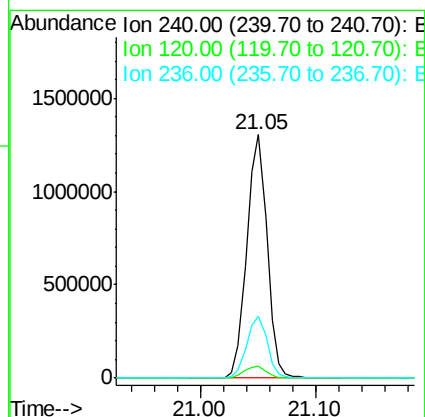
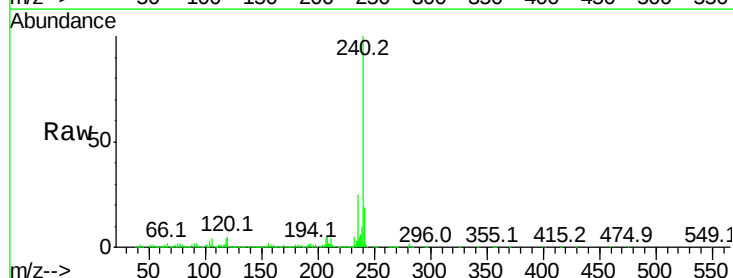
Instrument :
BNA_M
ClientSampleId :
VNJ-237

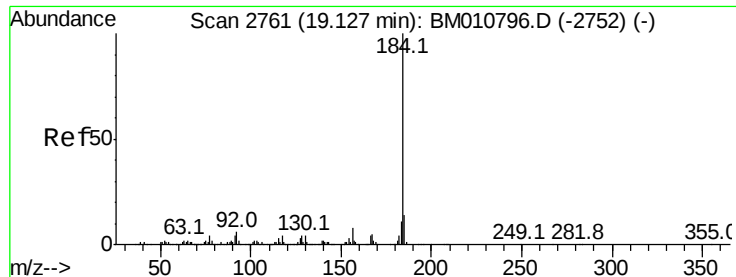
Tot Ion:188 Resp: 1649224
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 8.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010951.D
Acq: 22 Jul 2017 00:23

Tgt Ion:240 Resp: 1598307
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 25.3 20.0 30.0





#76

Benzidine

Concen: 4.893 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.02 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

Instrument :

BNA_M

ClientSampleId :

VNJ-237

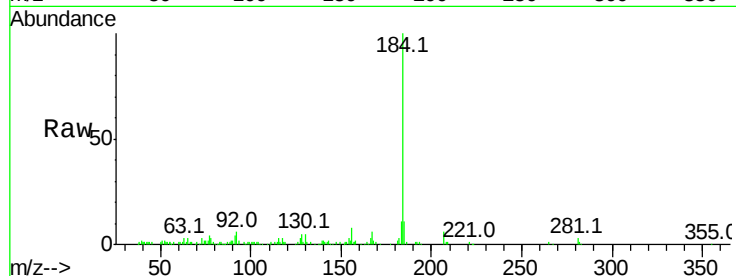
Tot Ion:184 Resp: 209264

Ion Ratio Lower Upper

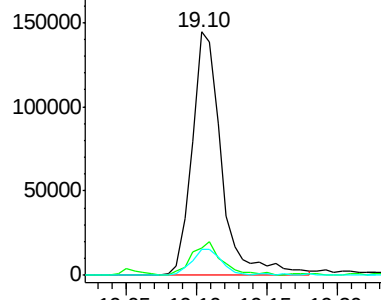
184 100

185 11.3 11.3 16.9

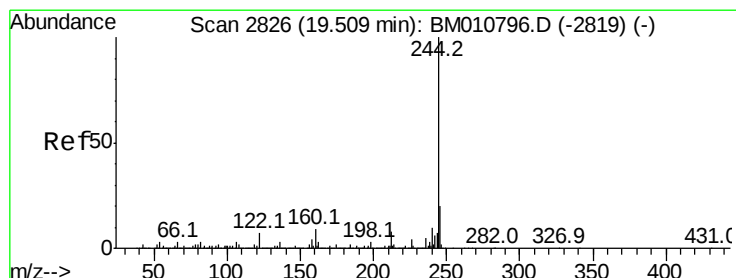
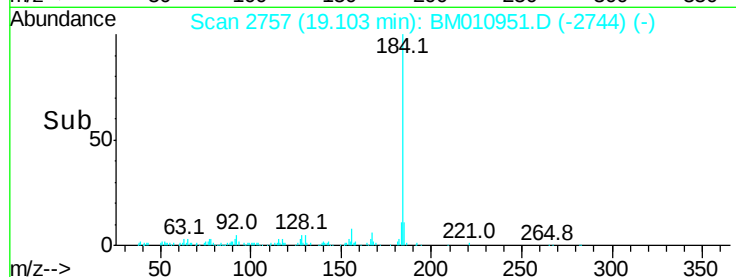
183 10.6 8.9 13.3



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



Time-->



#78

Terphenyl-d14

Concen: 78.589 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

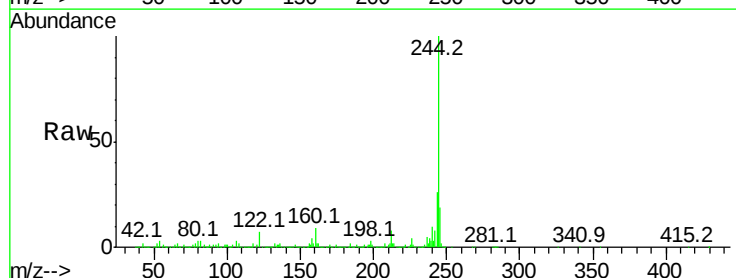
Tgt Ion:244 Resp: 6494408

Ion Ratio Lower Upper

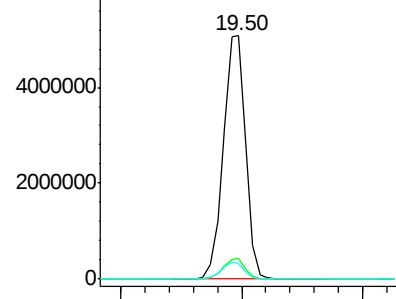
244 100

212 8.4 4.9 7.3#

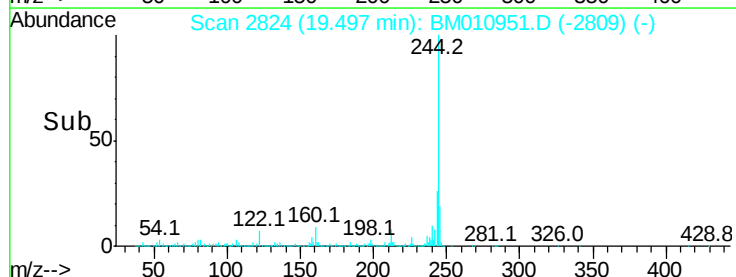
122 6.5 6.2 9.4

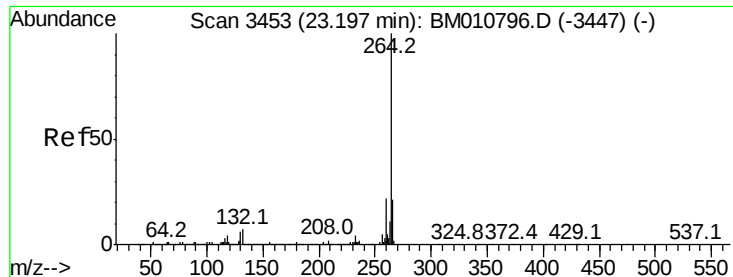


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->



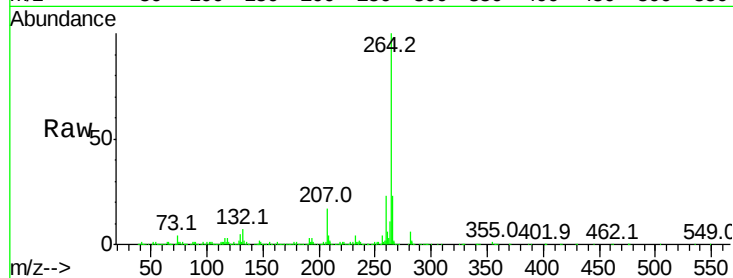


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.17 min Scan# 3449
Delta R.T. -0.02 min
Lab File: BM010951.D
Acq: 22 Jul 2017 00:23

Instrument :
BNA_M
ClientSampleId :
VNJ-237

Tot Ion:264 Resp: 1337724

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	22.8	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

