

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
 Data File : BM011066.D
 Acq On : 31 Jul 2017 14:06
 Operator : SJ/JU
 Sample : I4473-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-202-286-280

Quant Time: Jul 31 14:39:09 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

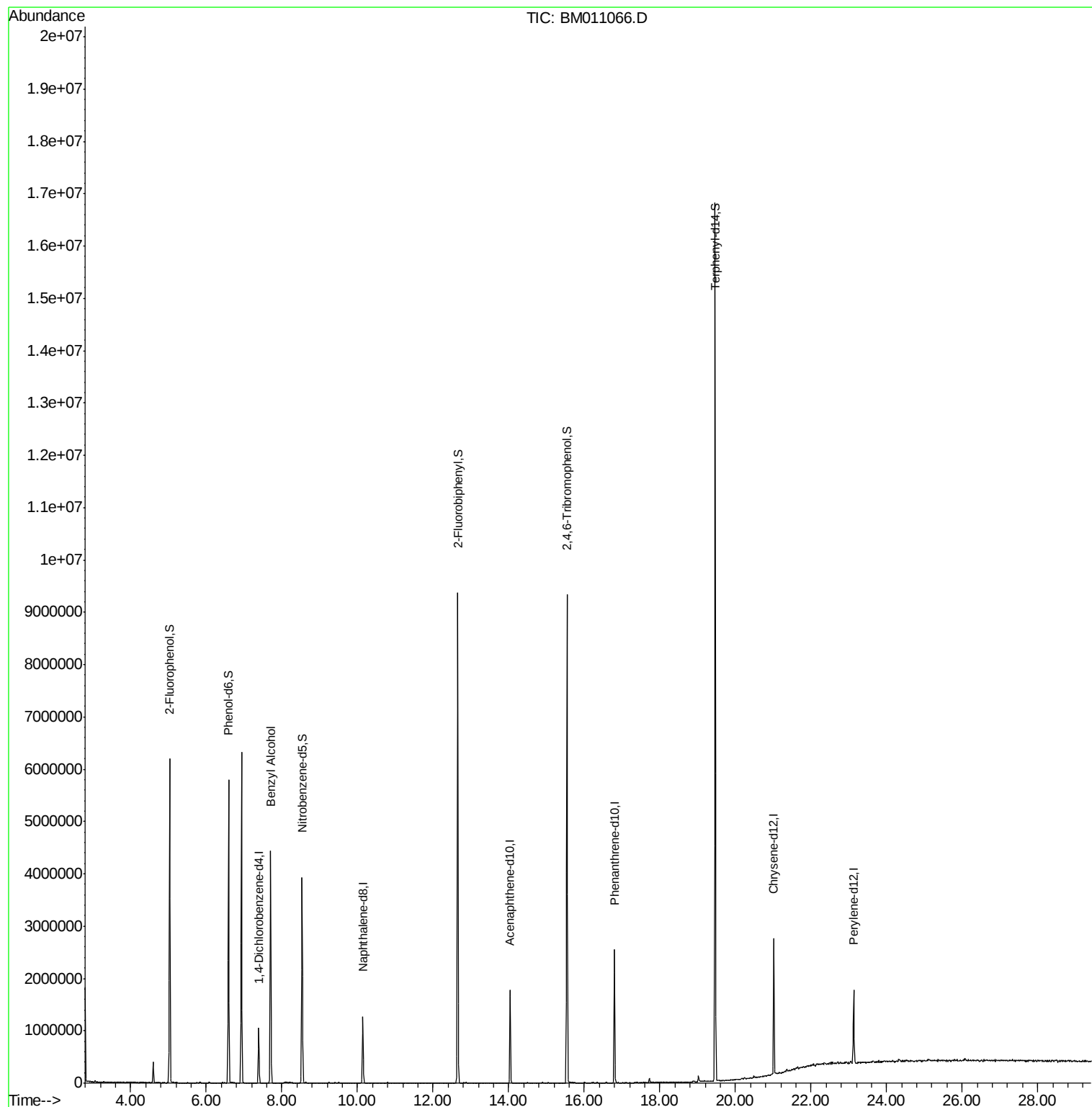
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	204702	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	754020	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	500677	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1266654	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1198085	20.00	ng	-0.01
86) Perylene-d12	23.13	264	931828	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1802379	148.84	ng	0.00
7) Phenol-d6	6.59	99	2414933	140.36	ng	0.00
23) Nitrobenzene-d5	8.53	82	2158107	107.42	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	1224009	152.53	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3932241	98.50	ng	-0.01
78) Terphenyl-d14	19.46	244	6069023	100.34	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.70	79	40540	2.456	ng	Qvalue # 35

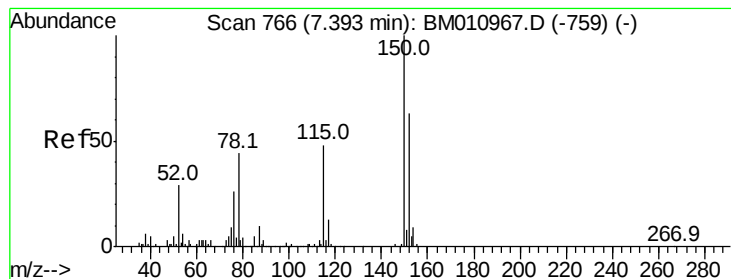
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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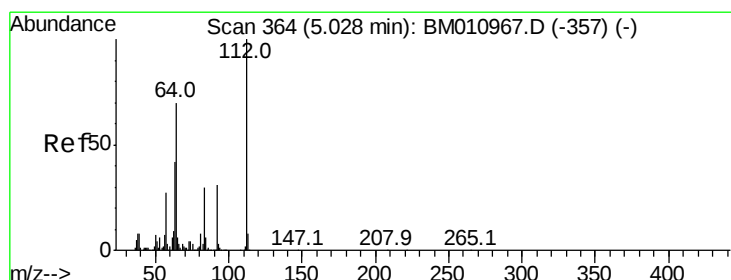
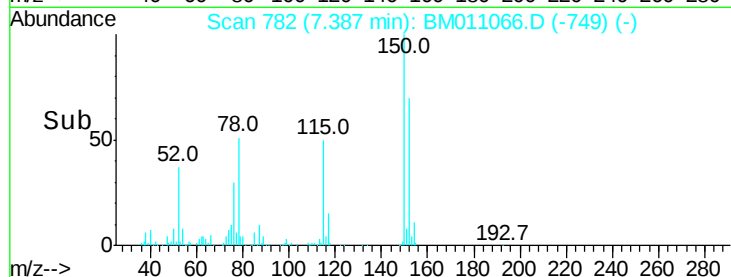
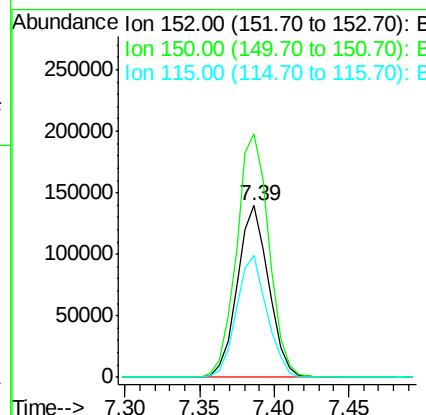
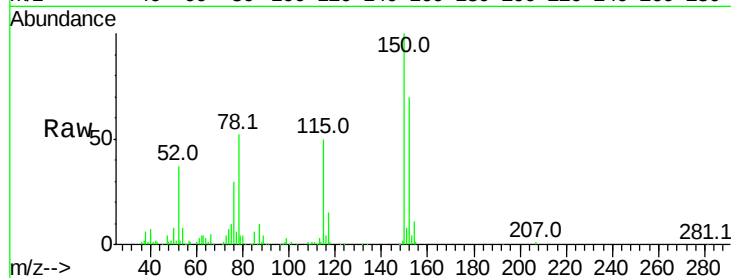


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011066.D
Acq: 31 Jul 2017 14:06

Instrument :
BNA_M
ClientSampleId :
VNJ-202-286-280

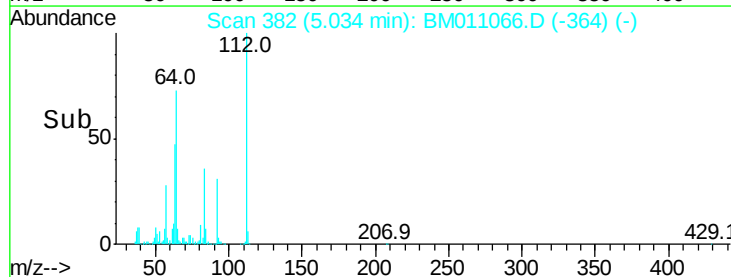
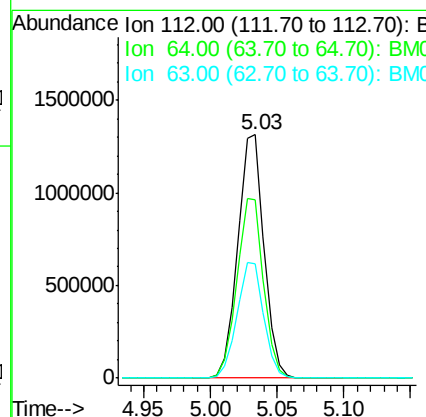
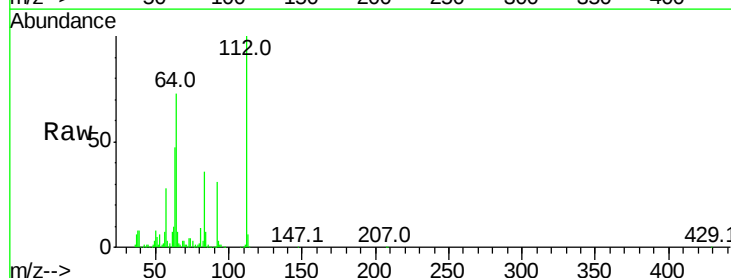
Tot Ion:152 Resp: 204702
Ion Ratio Lower Upper
152 100
150 142.0 119.5 179.3
115 71.5 43.0 64.4#

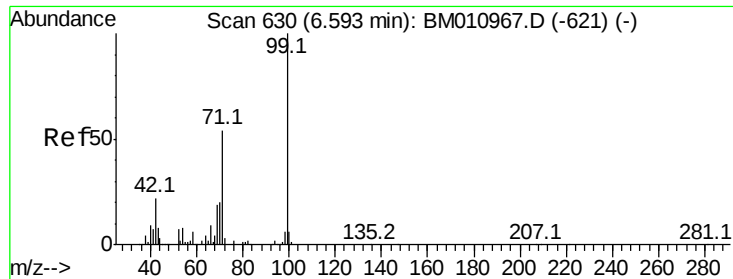


#5

2-Fluorophenol
Concen: 148.841 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM011066.D
Acq: 31 Jul 2017 14:06

Tgt Ion:112 Resp: 1802379
Ion Ratio Lower Upper
112 100
64 73.1 38.6 57.8#
63 46.8 19.3 28.9#





#7

Phenol-d6

Concen: 140.360 ng

RT: 6.59 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

Instrument :

BNA_M

ClientSampleId :

VNJ-202-286-280

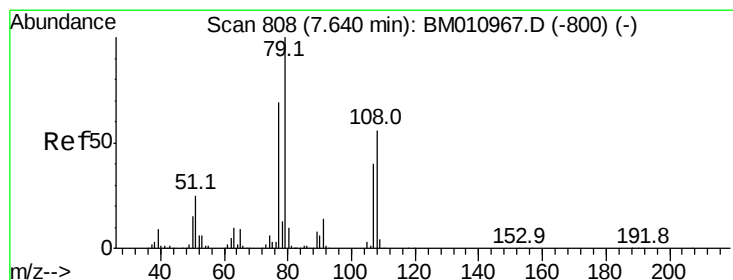
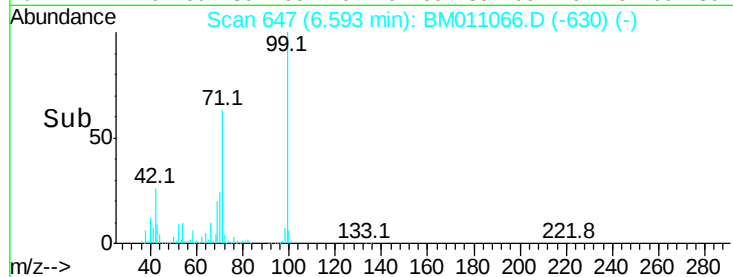
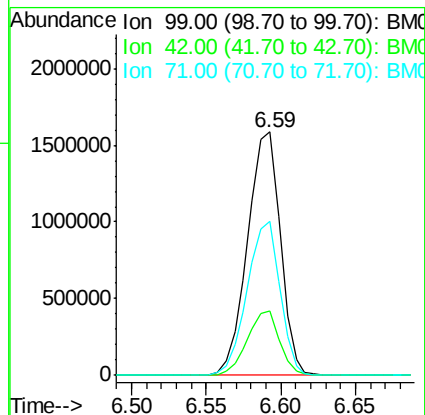
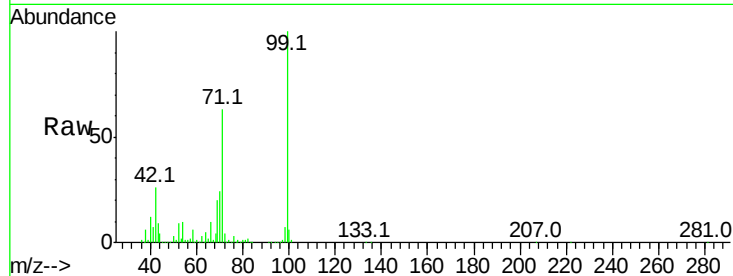
Tot Ion: 99 Resp: 2414933

Ion Ratio Lower Upper

99 100

42 26.4 11.0 16.4#

71 63.0 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.456 ng

RT: 7.70 min Scan# 835

Delta R.T. 0.06 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

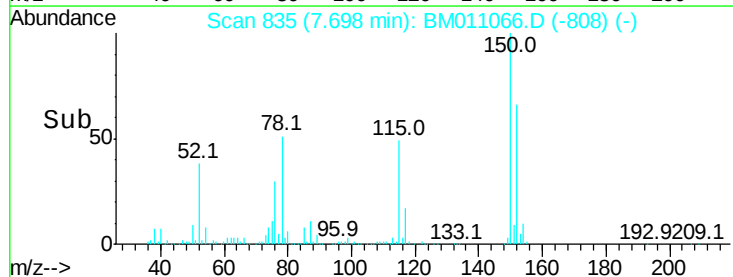
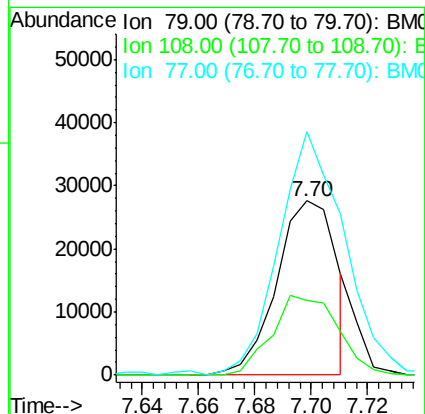
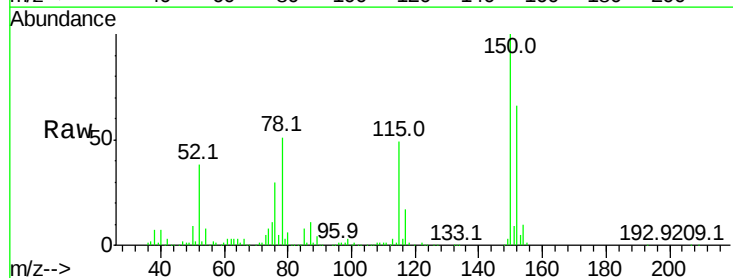
Tgt Ion: 79 Resp: 40540

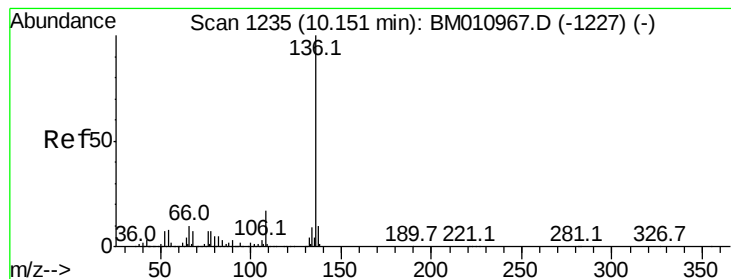
Ion Ratio Lower Upper

79 100

108 42.9 65.0 97.4#

77 139.6 53.0 79.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

Instrument :

BNA_M

ClientSampleId :

VNJ-202-286-280

Tot Ion:136 Resp: 754020

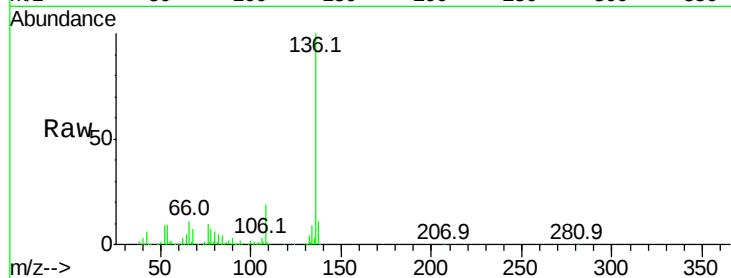
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.4 4.6 6.8#

68 6.6 3.7 5.5#

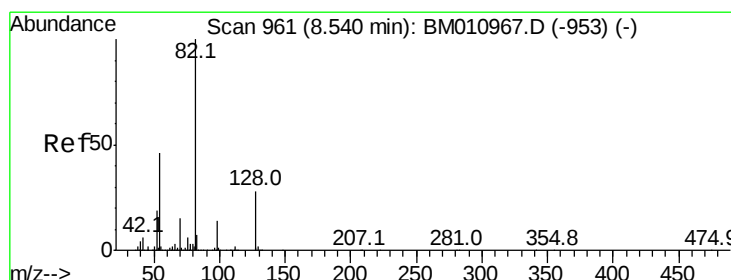
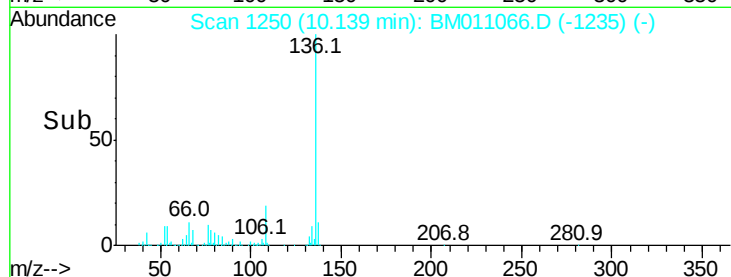
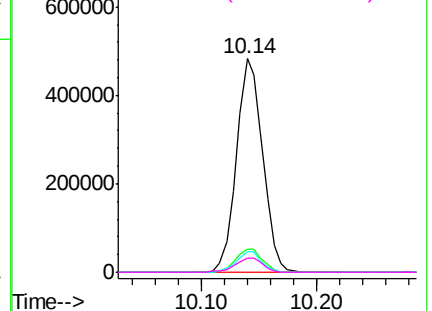


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 107.421 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

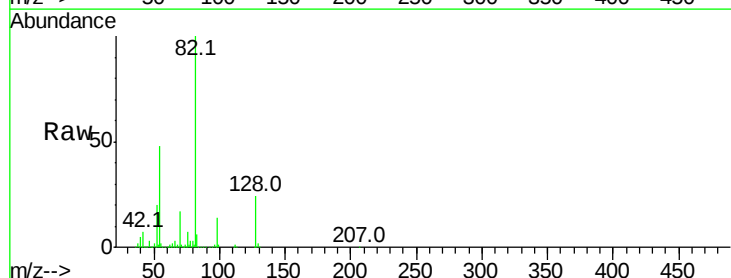
Tgt Ion: 82 Resp: 2158107

Ion Ratio Lower Upper

82 100

128 24.2 32.8 49.2#

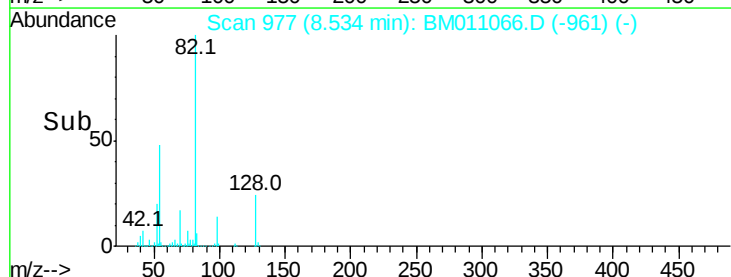
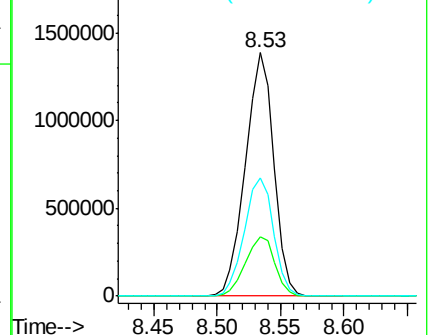
54 48.4 40.6 60.8

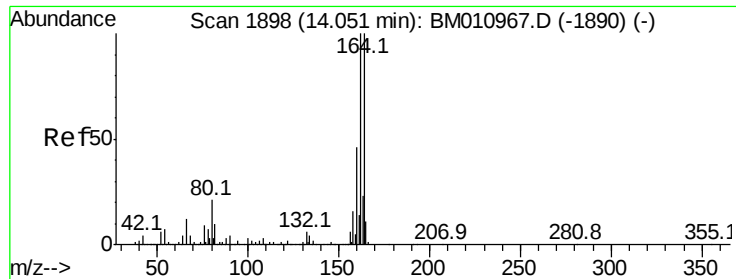


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

Instrument :

BNA_M

ClientSampleId :

VNJ-202-286-280

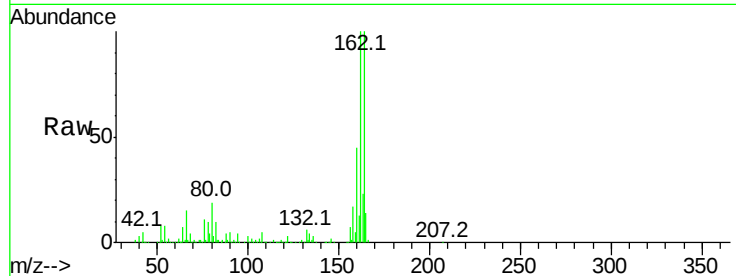
Tot Ion:164 Resp: 500677

Ion Ratio Lower Upper

164 100

162 100.0 82.4 123.6

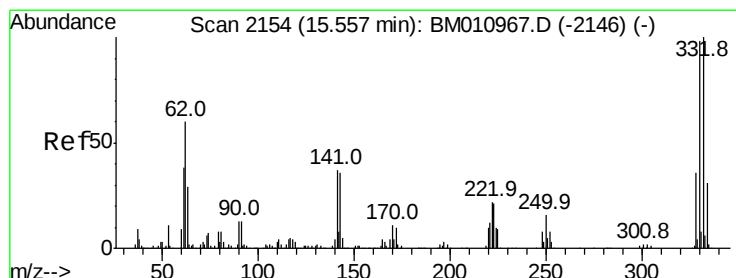
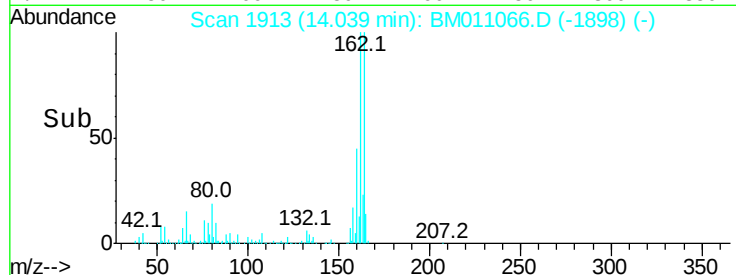
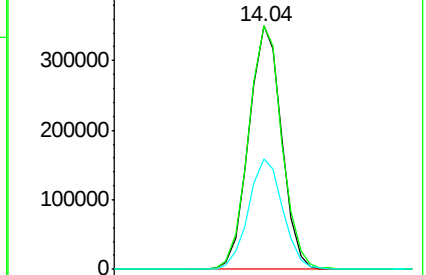
160 45.4 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 152.528 ng

RT: 15.54 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

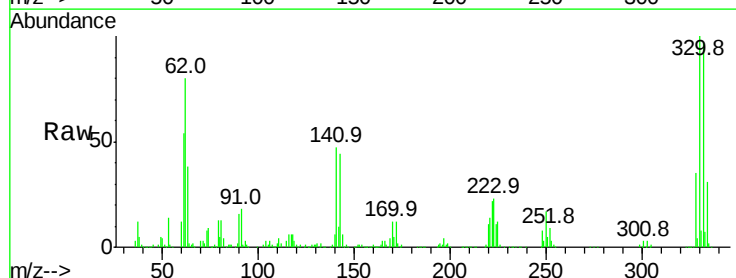
Tgt Ion:330 Resp: 1224009

Ion Ratio Lower Upper

330 100

332 97.3 0.0 0.0#

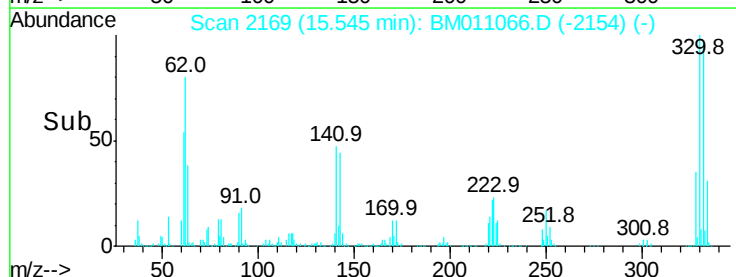
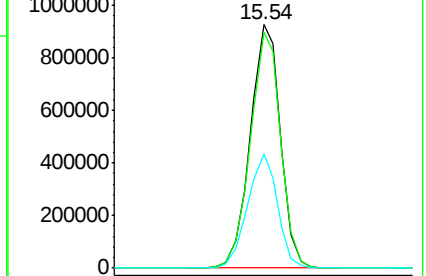
141 46.5 0.0 0.0#

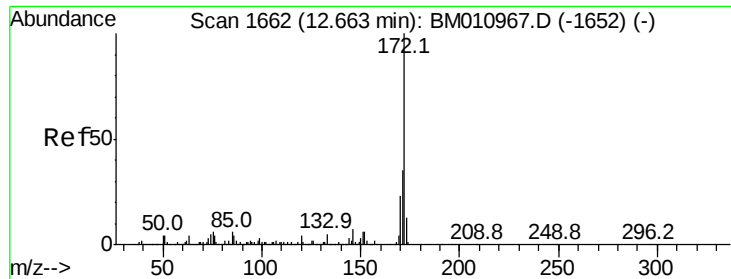


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

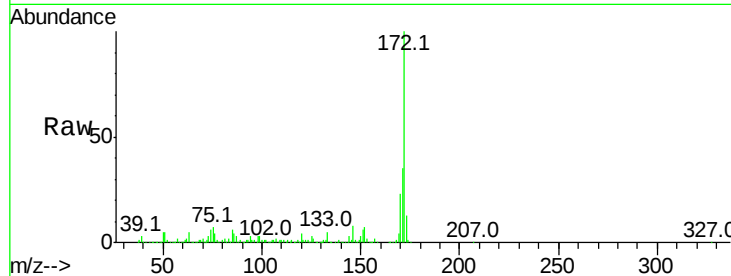




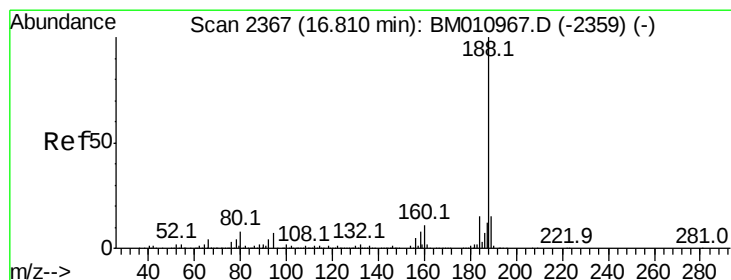
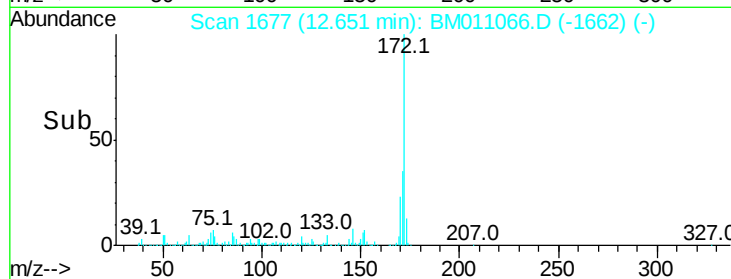
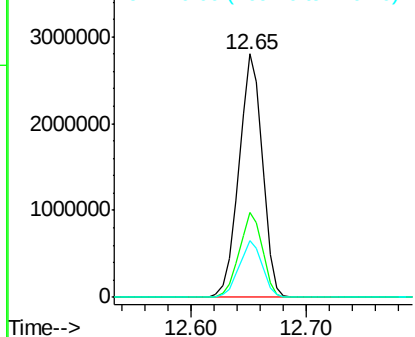
#44
2-Fluorobiphenyl
Concen: 98.498 ng
RT: 12.65 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BM011066.D
Acq: 31 Jul 2017 14:06

Instrument :
BNA_M
ClientSampleId :
VNJ-202-286-280

Tot Ion:172 Resp: 3932241
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.3 18.8 28.2

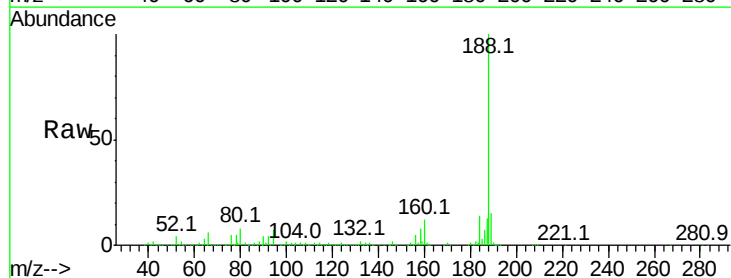


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

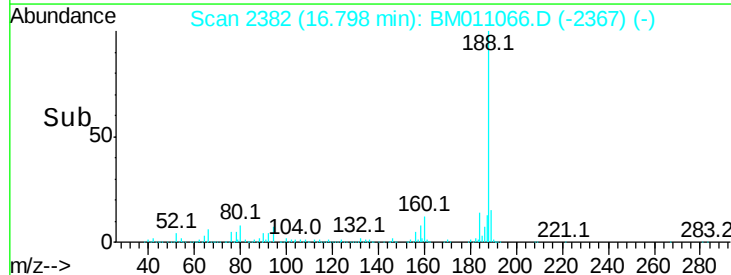
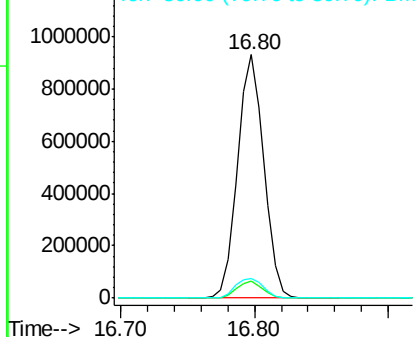


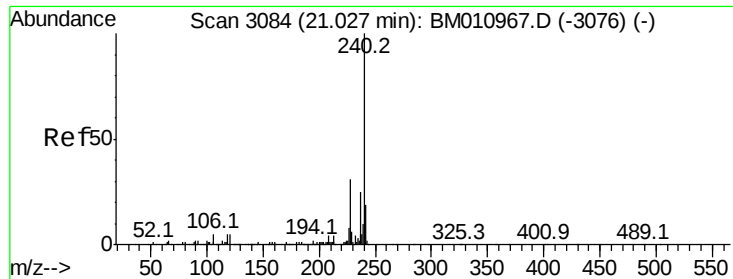
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011066.D
Acq: 31 Jul 2017 14:06

Tgt Ion:188 Resp: 1266654
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 8.2 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

Instrument :

BNA_M

ClientSampleId :

VNJ-202-286-280

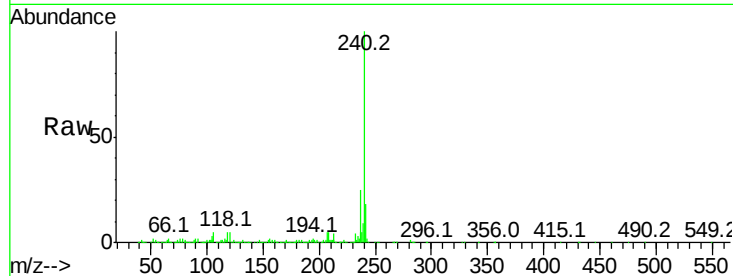
Tot Ion:240 Resp: 1198085

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

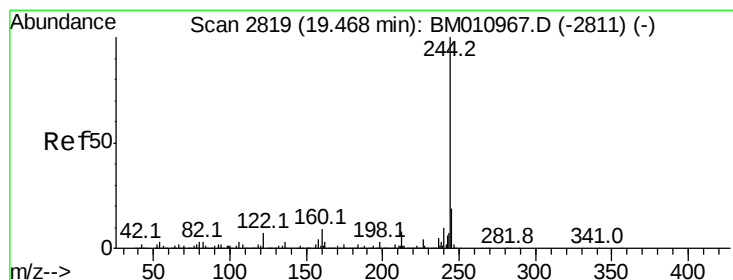
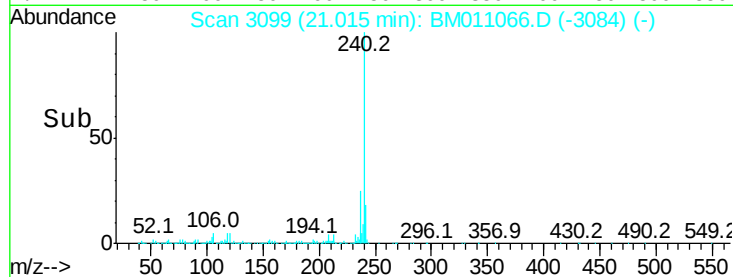
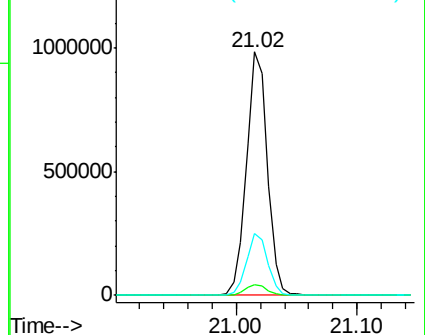
236 25.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 100.343 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

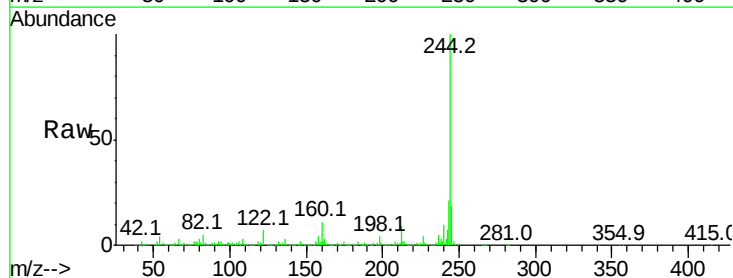
Tgt Ion:244 Resp: 6069023

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

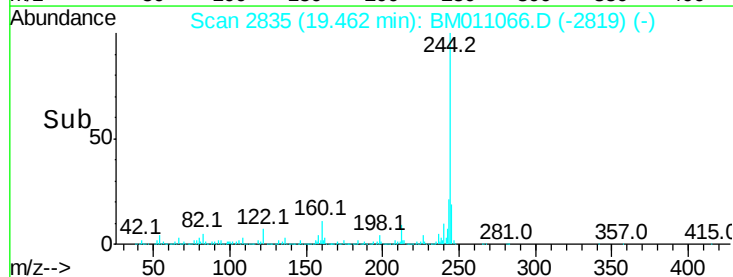
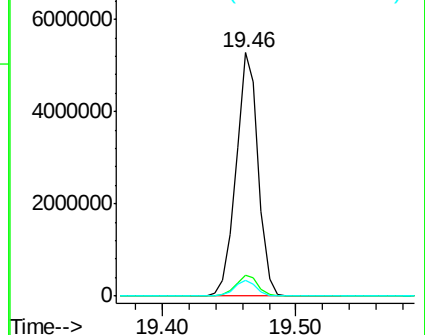
122 6.7 6.2 9.4

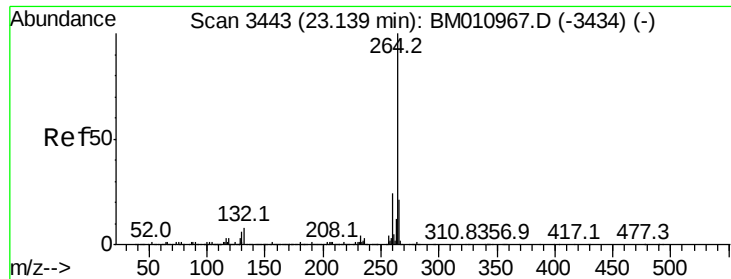


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

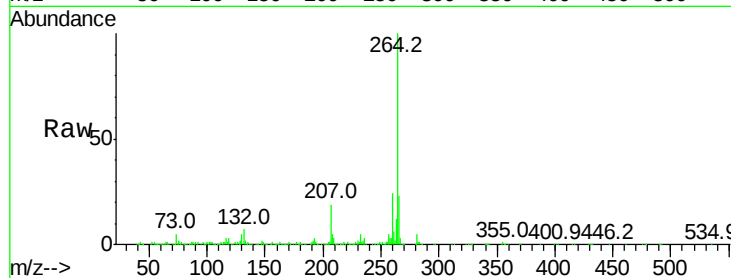




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.13 min Scan# 3458
 Delta R.T. -0.01 min
 Lab File: BM011066.D
 Acq: 31 Jul 2017 14:06

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-202-286-280

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	23.0	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

