

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003719.D
 Acq On : 22 Dec 2015 21:50
 Operator : UM/SJ
 Sample : G4913-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-2

Quant Time: Dec 22 23:38:25 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

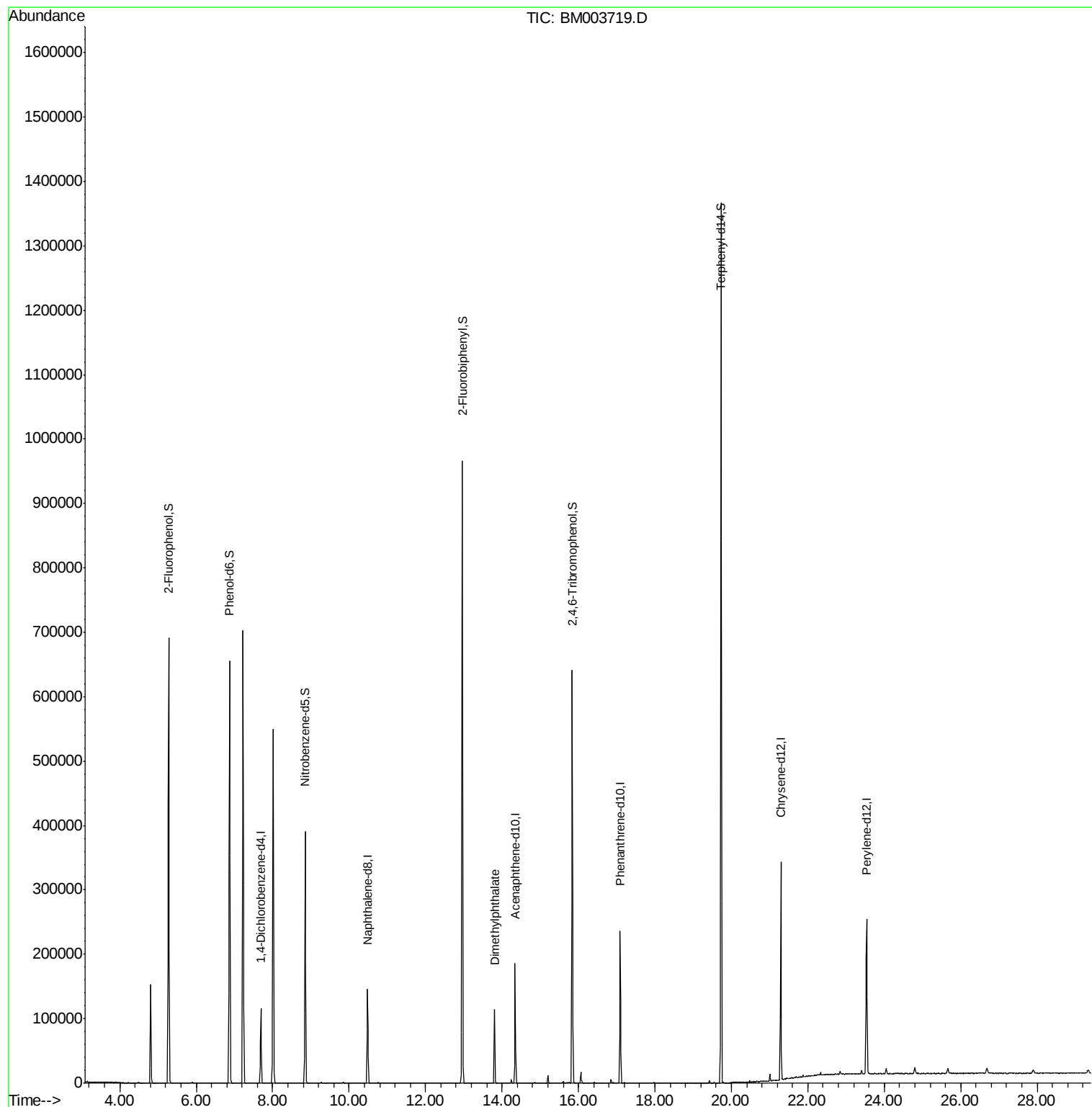
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	32079	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	125748	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	63097	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	137037	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	159599	20.00	ng	-0.03
86) Perylene-d12	23.54	264	169217	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	308736	171.11	ng	-0.02
7) Phenol-d6	6.87	99	393963	157.24	ng	-0.02
23) Nitrobenzene-d5	8.85	82	227895	112.37	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	100832	160.01	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	500837	108.14	ng	-0.03
78) Terphenyl-d14	19.73	244	591876	87.46	ng	-0.02
Target Compounds						
49) Dimethylphthalate	13.80	163	78017	15.00	ng	Qvalue # 98

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

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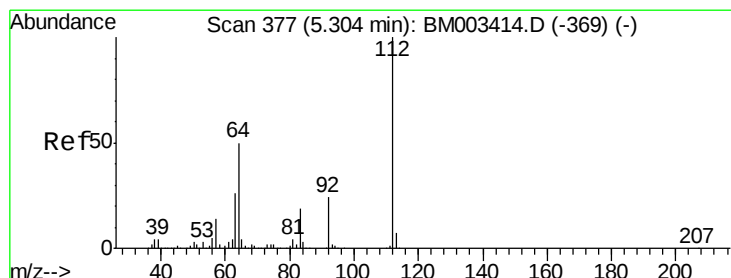
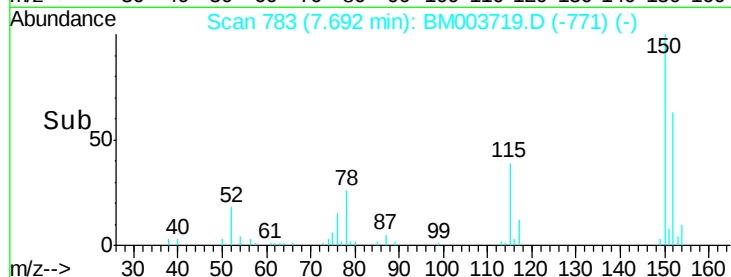
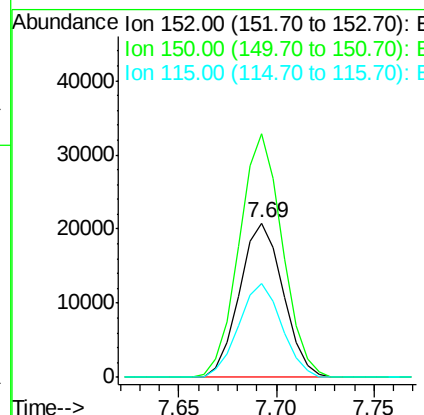
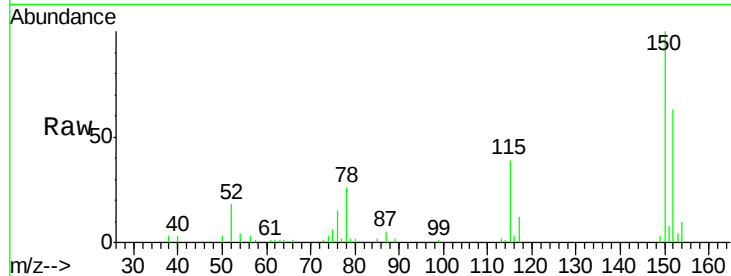




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BM003719.D
 Acq: 22 Dec 2015 21:50

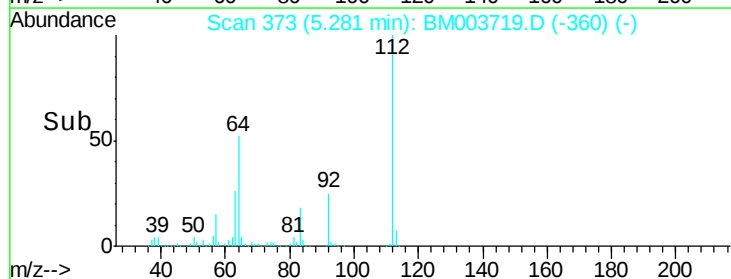
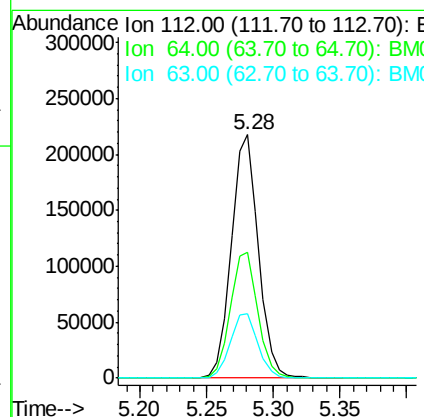
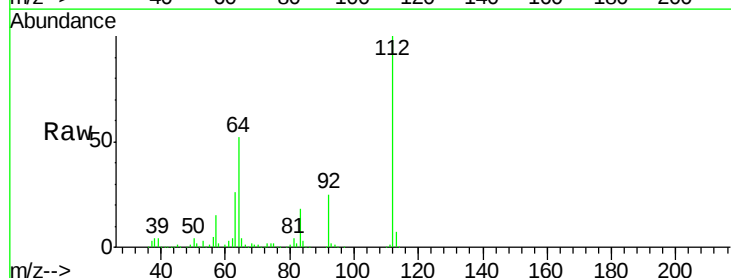
Instrument :
 BNA_M
 ClientSampleId :
 SB-2

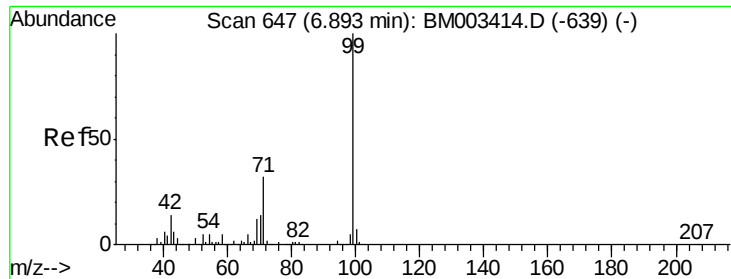
Tot Ion:152 Resp: 32079
 Ion Ratio Lower Upper
 152 100
 150 157.9 119.5 179.3
 115 60.8 43.0 64.4



#5
 2-Fluorophenol
 Concen: 171.11 ng
 RT: 5.28 min Scan# 373
 Delta R.T. -0.02 min
 Lab File: BM003719.D
 Acq: 22 Dec 2015 21:50

Tgt Ion:112 Resp: 308736
 Ion Ratio Lower Upper
 112 100
 64 51.7 38.6 57.8
 63 26.5 19.3 28.9





#7

Phenol-d6

Concen: 157.24 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003719.D

Acq: 22 Dec 2015 21:50

Instrument :

BNA_M

ClientSampleId :

SB-2

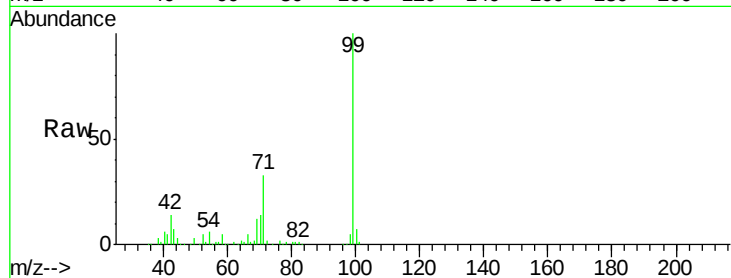
Tot Ion: 99 Resp: 393963

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.4

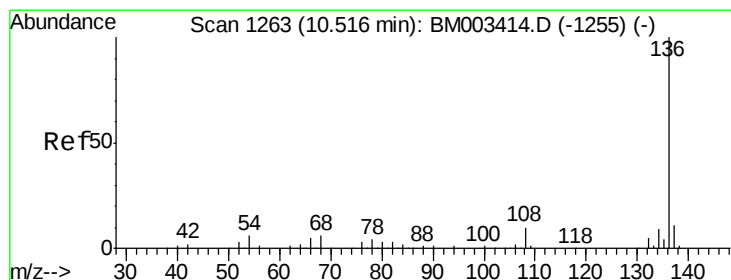
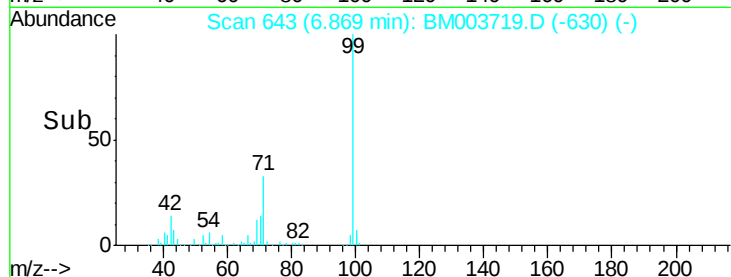
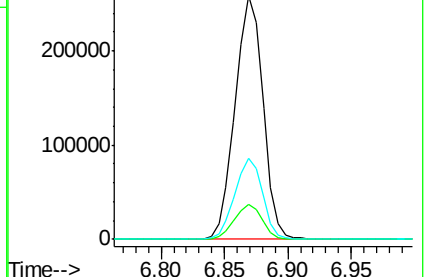
71 33.3 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003719.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003719.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003719.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003719.D

Acq: 22 Dec 2015 21:50

Tgt Ion: 136 Resp: 125748

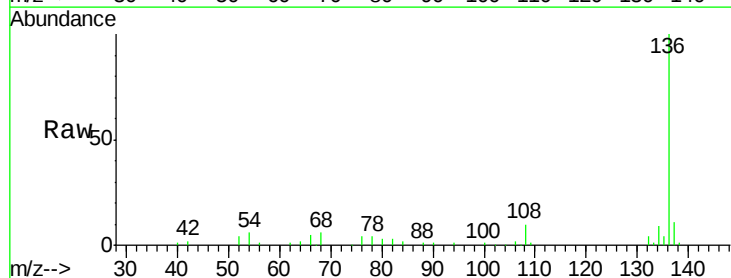
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.3 4.6 6.8

68 5.9 3.7 5.5#

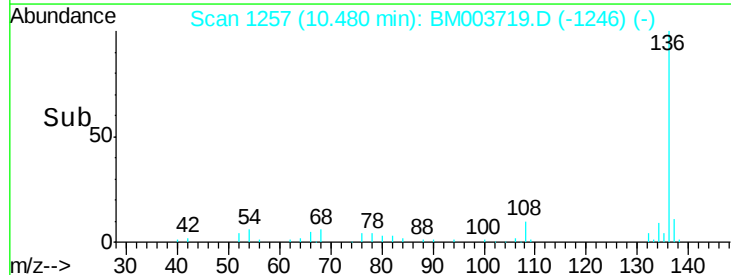
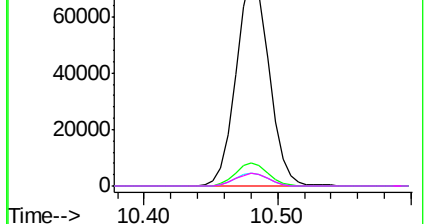


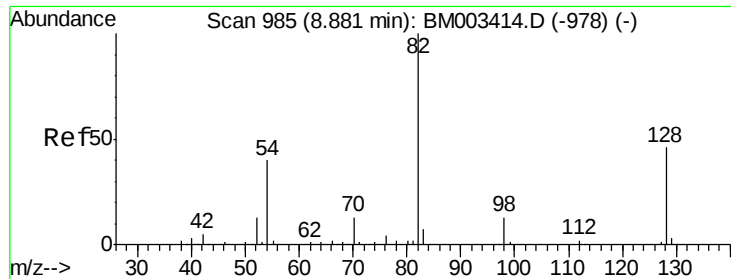
Abundance Ion 136.00 (135.70 to 136.70): BM003719.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003719.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003719.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003719.D (-1246) (-)

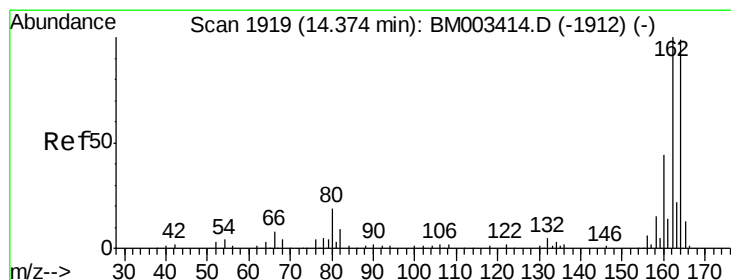
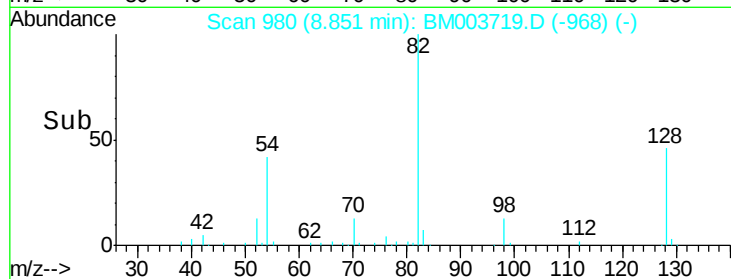
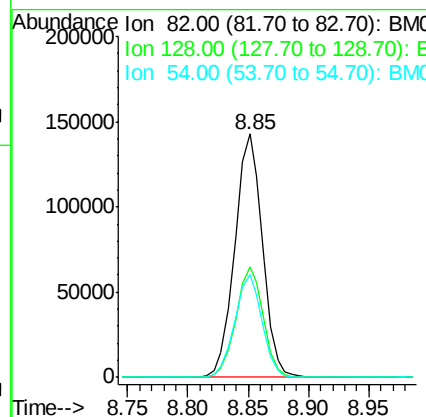
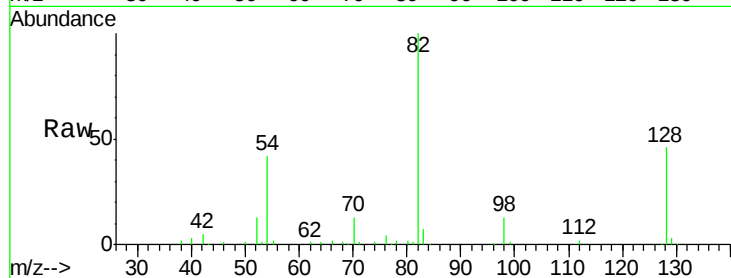




#23
 Nitrobenzene-d5
 Concen: 112.37 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003719.D
 Acq: 22 Dec 2015 21:50

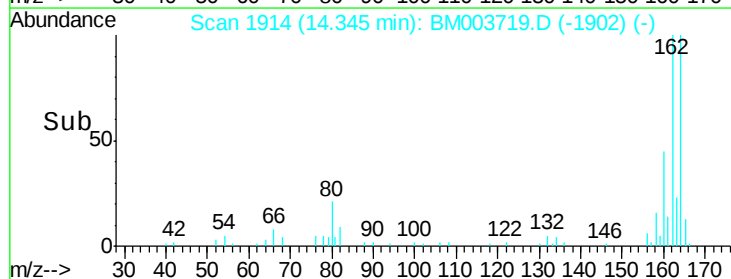
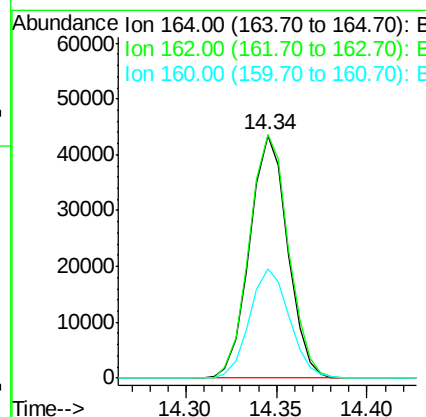
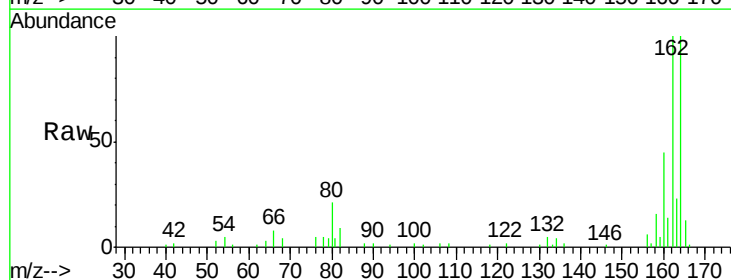
Instrument :
 BNA_M
 ClientSampleId :
 SB-2

Tot Ion	82	Resp	227895
Ion Ratio	100	Lower	Upper
128	45.6	32.8	49.2
54	42.0	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1914
 Delta R.T. -0.03 min
 Lab File: BM003719.D
 Acq: 22 Dec 2015 21:50

Tgt Ion	164	Resp	63097
Ion Ratio	100	Lower	Upper
162	100.5	82.4	123.6
160	44.9	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 160.01 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.03 min

Lab File: BM003719.D

Acq: 22 Dec 2015 21:50

Instrument :

BNA_M

ClientSampleId :

SB-2

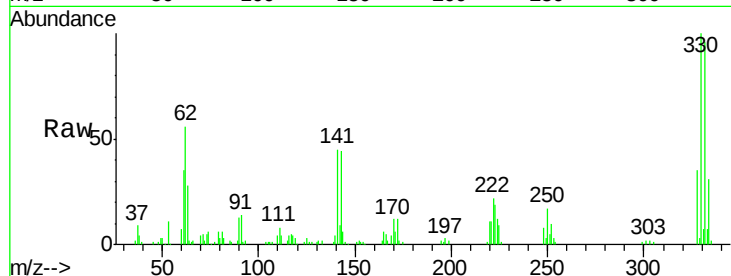
Tot Ion:330 Resp: 100832

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

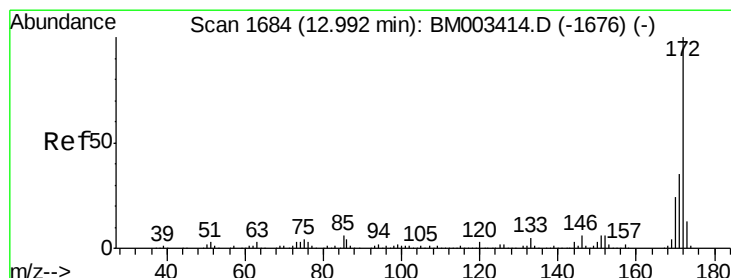
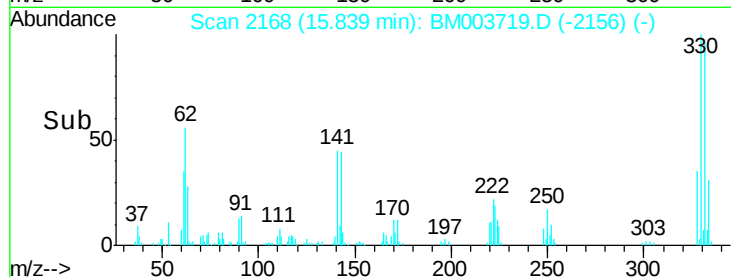
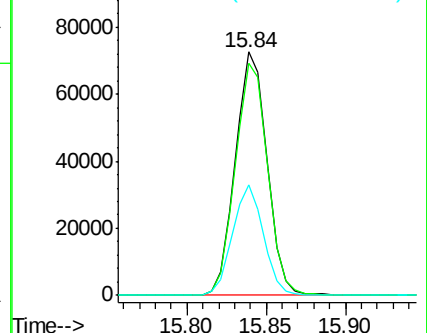
141 44.0 0.0 0.0#



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: 108.14 ng

RT: 12.96 min Scan# 1679

Delta R.T. -0.03 min

Lab File: BM003719.D

Acq: 22 Dec 2015 21:50

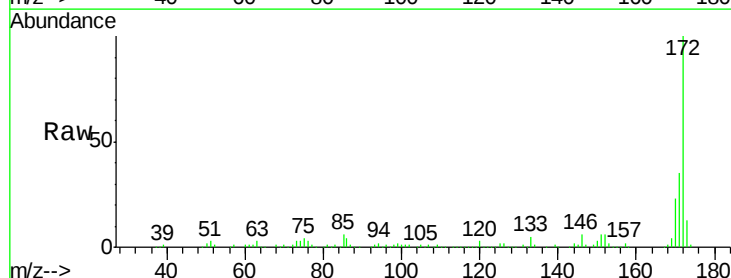
Tgt Ion:172 Resp: 500837

Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

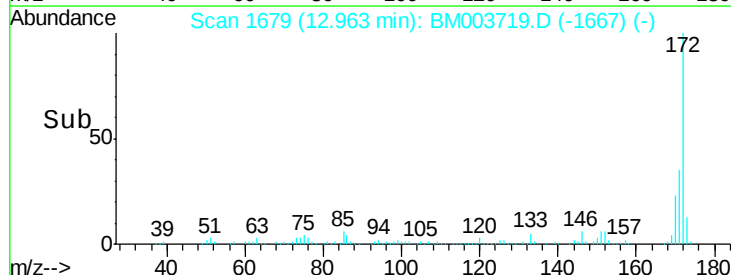
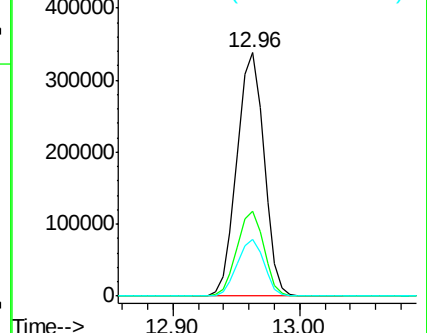
170 23.5 18.8 28.2

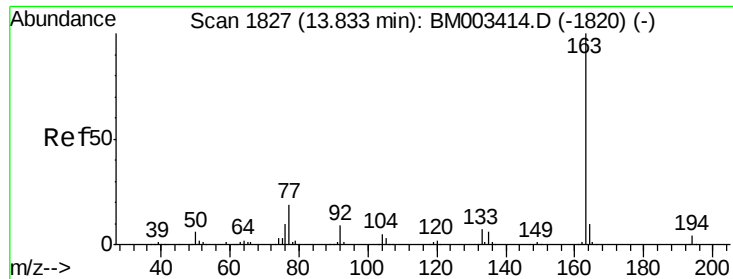


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.00 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM003719.D

Acq: 22 Dec 2015 21:50

Instrument :

BNA_M

ClientSampleId :

SB-2

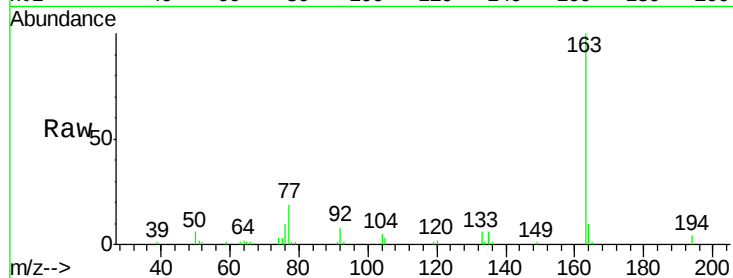
Tot Ion:163 Resp: 78017

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

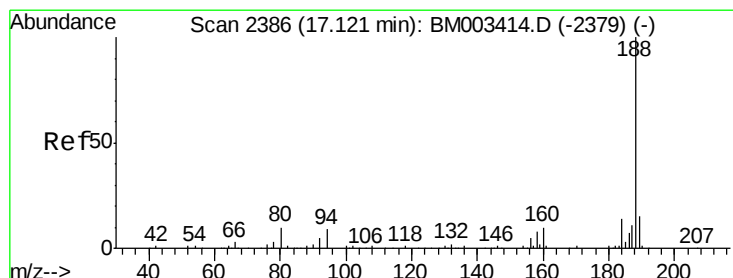
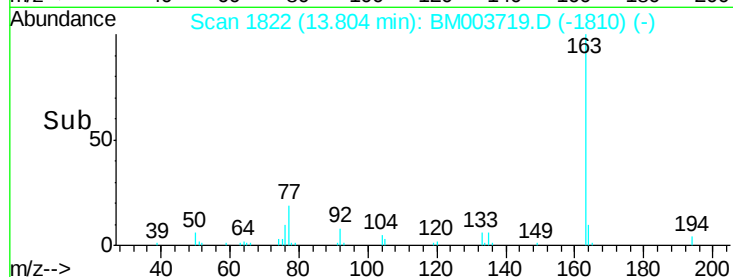
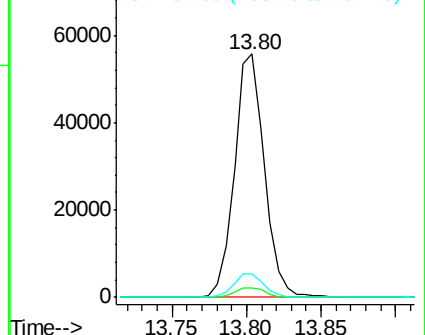
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.09 min Scan# 2381

Delta R.T. -0.03 min

Lab File: BM003719.D

Acq: 22 Dec 2015 21:50

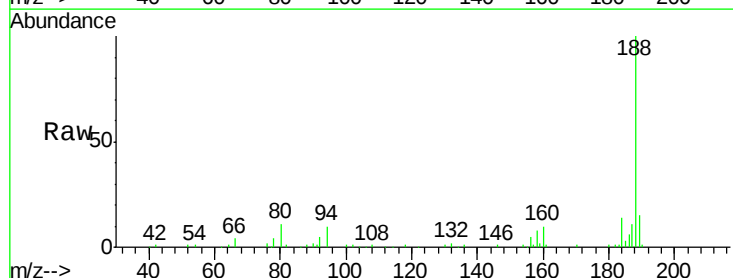
Tgt Ion:188 Resp: 137037

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

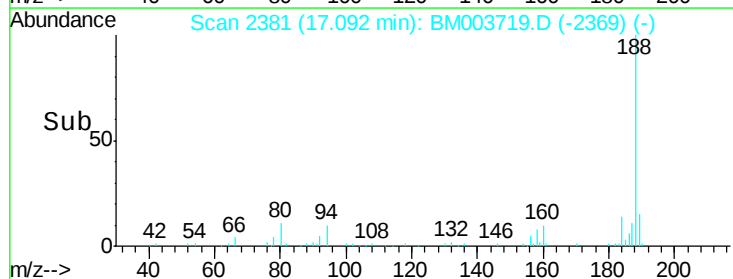
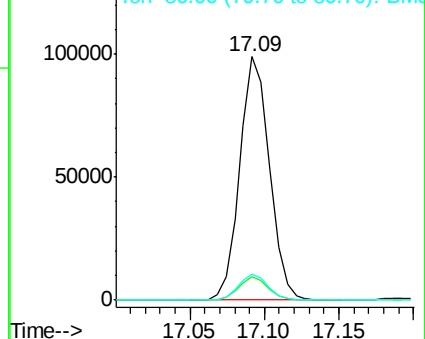
80 10.6 9.3 13.9

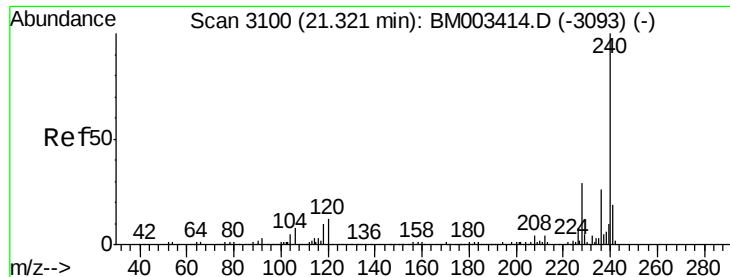


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BM003719.D

Acq: 22 Dec 2015 21:50

Instrument :

BNA_M

ClientSampleId :

SB-2

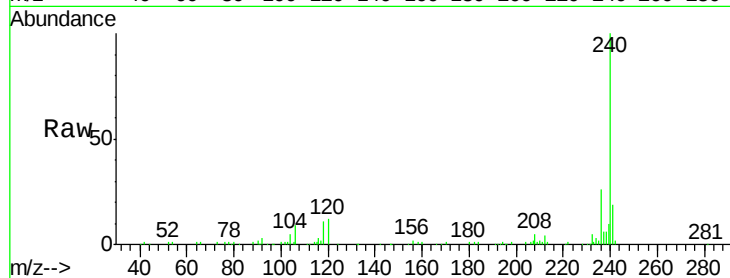
Tot Ion:240 Resp: 159599

Ion Ratio Lower Upper

240 100

120 12.4 8.2 12.2#

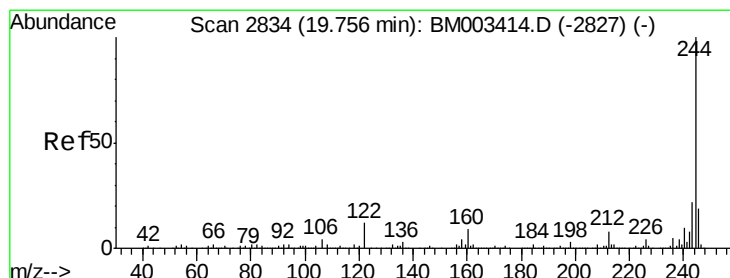
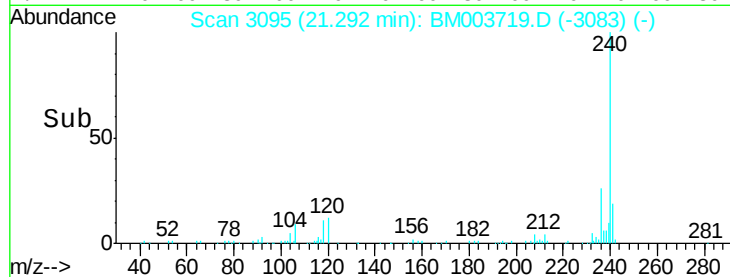
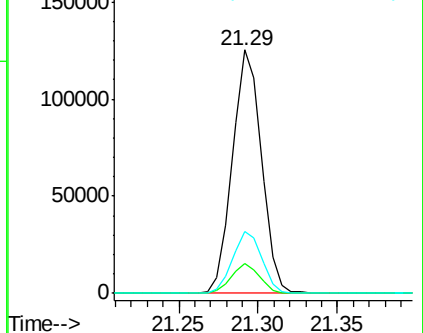
236 25.6 20.0 30.0



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: 87.46 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM003719.D

Acq: 22 Dec 2015 21:50

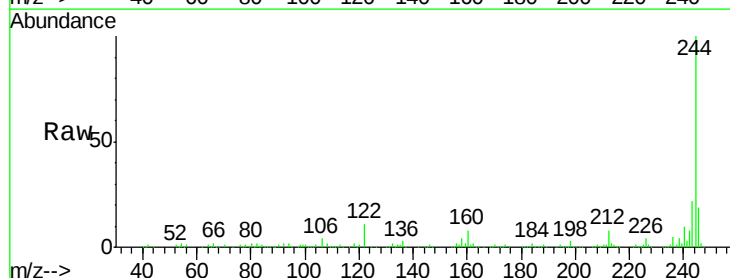
Tgt Ion:244 Resp: 591876

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

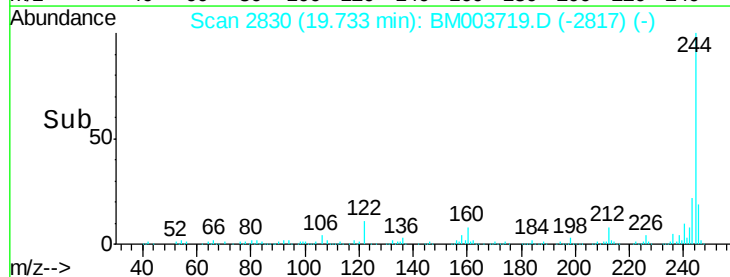
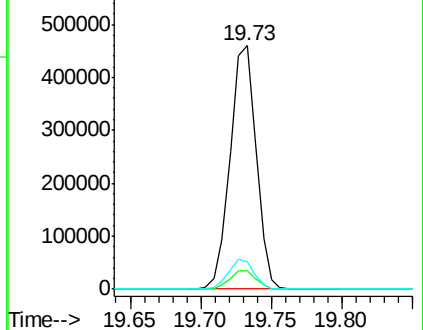
122 11.3 6.2 9.4#

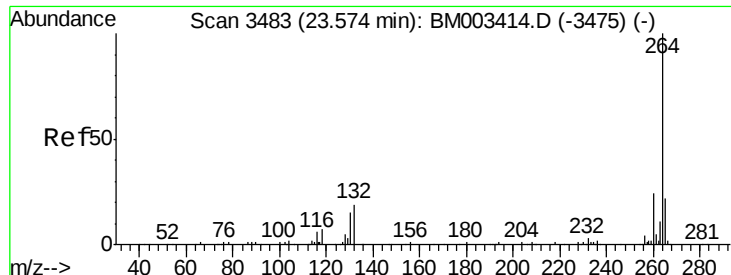


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.54 min Scan# 3477
Delta R.T. -0.04 min
Lab File: BM003719.D
Acq: 22 Dec 2015 21:50

Instrument :
BNA_M
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	20.8	17.3	25.9

