

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079783.D
 Acq On : 6 Jun 2015 22:02
 Operator : TP/IZ
 Sample : G2511-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Jun 08 19:28:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 18:33:51 2015
 Response via : Initial Calibration

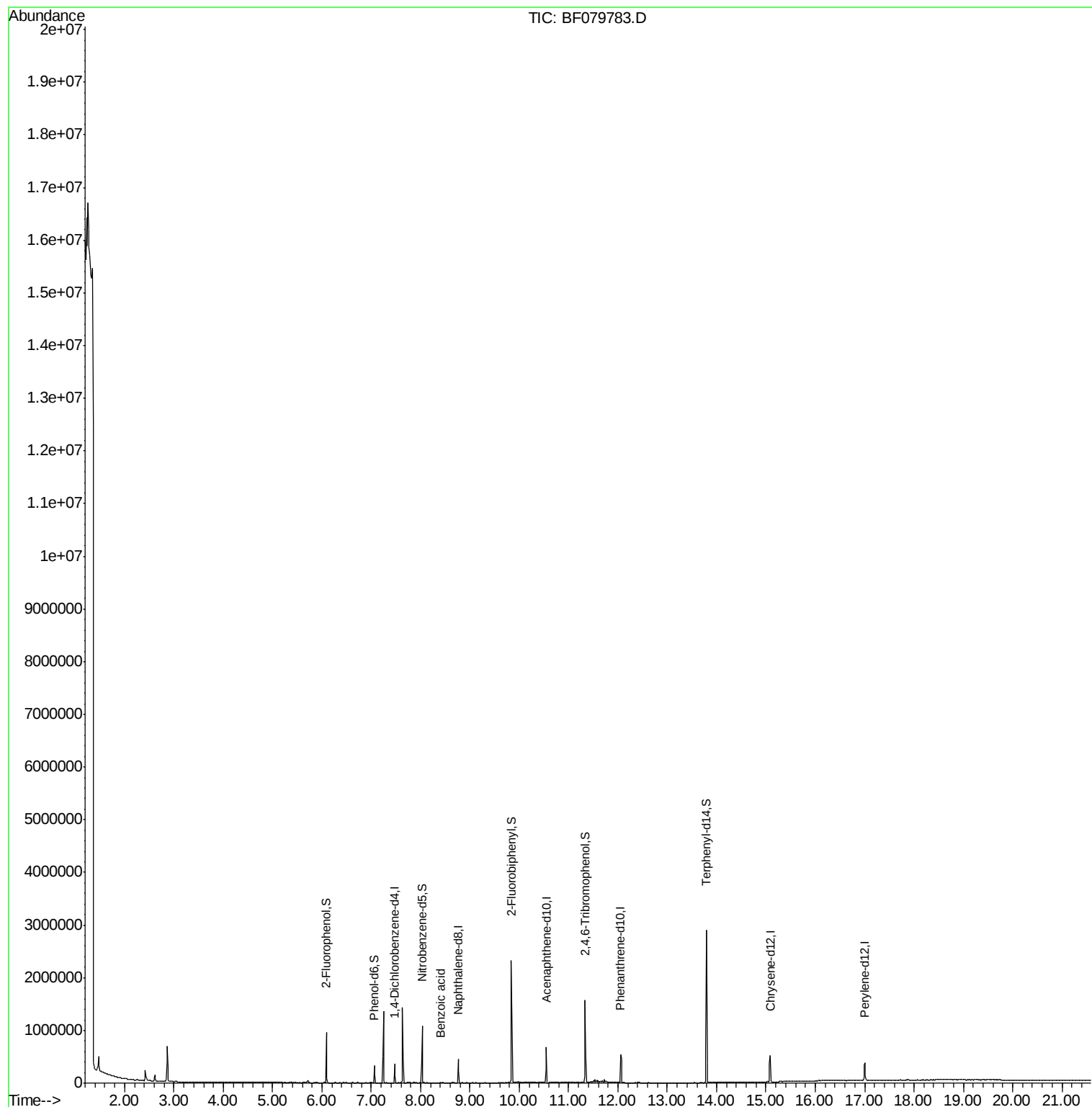
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	56691	20.00	ng	-0.01
21) Naphthalene-d8	8.76	136	224283	20.00	ng	-0.01
38) Acenaphthene-d10	10.55	164	138489	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	271301	20.00	ng	0.00
75) Chrysene-d12	15.09	240	239216m	20.00	ng	0.18
86) Perylene-d12	17.01	264	218985m	20.00	ng	0.21
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	222977	65.92	ng	0.00
7) Phenol-d6	7.06	99	127269	29.13	ng	-0.01
23) Nitrobenzene-d5	8.03	82	341968	93.61	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	174963	132.09	ng	-0.01
44) 2-Fluorobiphenyl	9.84	172	831175	81.31	ng	-0.01
78) Terphenyl-d14	13.79	244	935310	89.55	ng	0.10
Target Compounds						
32) Benzoic acid	8.41	122	665	4.49	ng	Qvalue 91

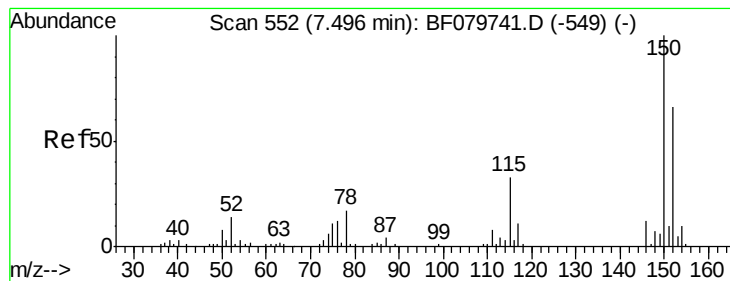
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 08 18:33:51 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF079783.D

Acq: 6 Jun 2015 22:02

Instrument :

BNA_F

ClientSampleId :

MW-2

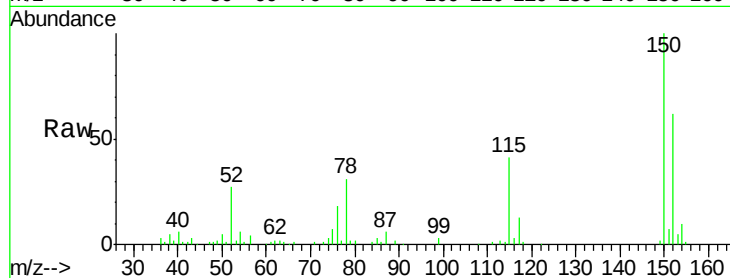
Tgt Ion:152 Resp: 56691

Ion Ratio Lower Upper

152 100

150 161.6 128.1 192.1

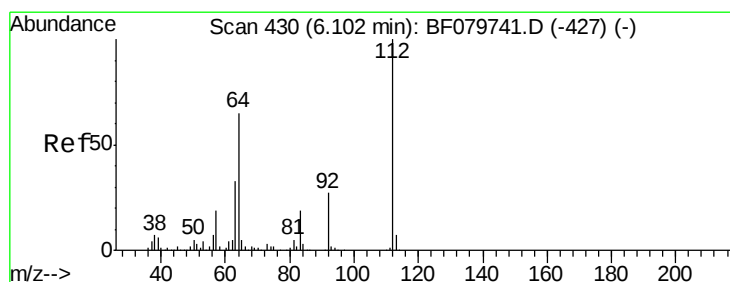
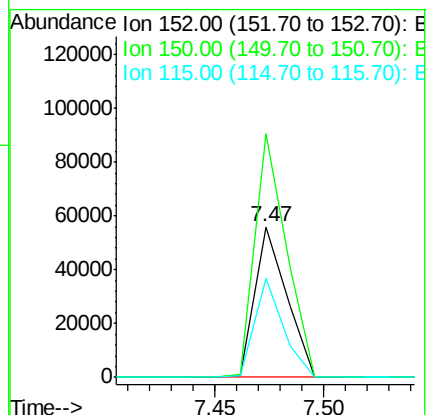
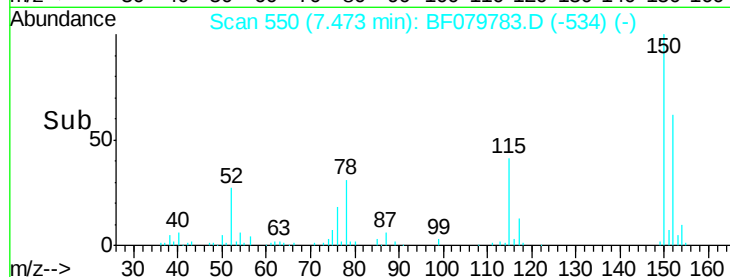
115 66.0 49.7 74.5



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: 65.92 ng

RT: 6.09 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF079783.D

Acq: 6 Jun 2015 22:02

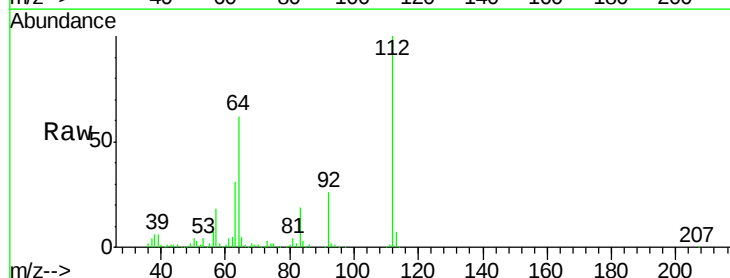
Tgt Ion:112 Resp: 222977

Ion Ratio Lower Upper

112 100

64 61.9 49.6 74.4

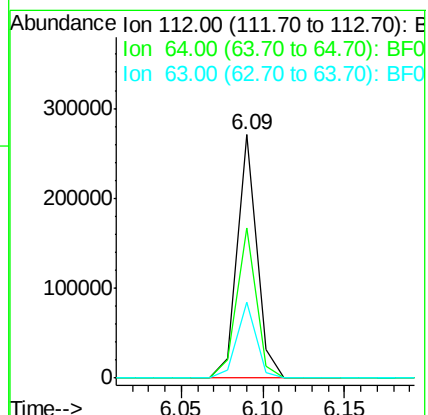
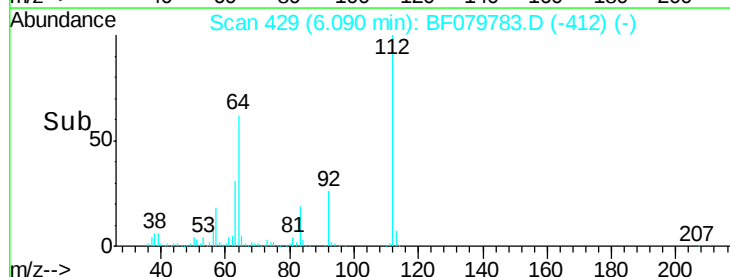
63 31.2 24.9 37.3

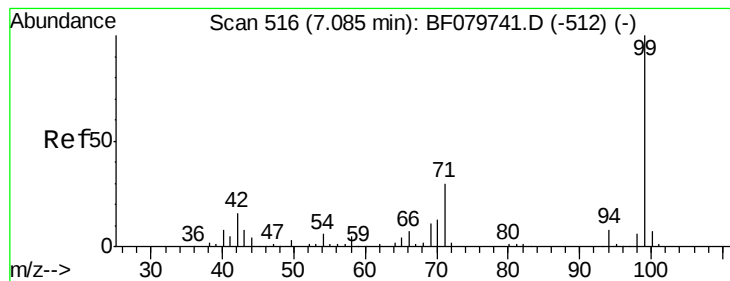


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.13 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF079783.D

Acq: 6 Jun 2015 22:02

Instrument :

BNA_F

ClientSampleId :

MW-2

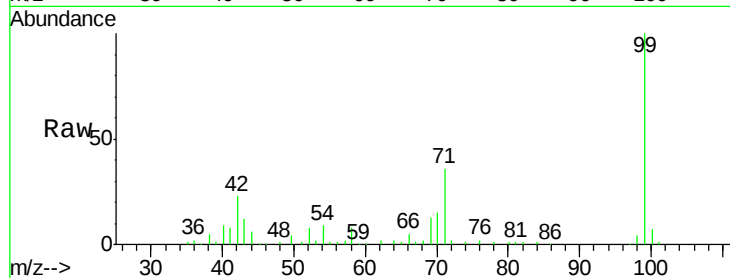
Tgt Ion: 99 Resp: 127269

Ion Ratio Lower Upper

99 100

42 22.9 18.0 27.0

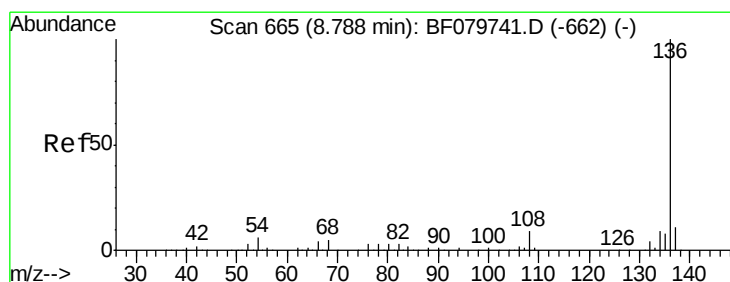
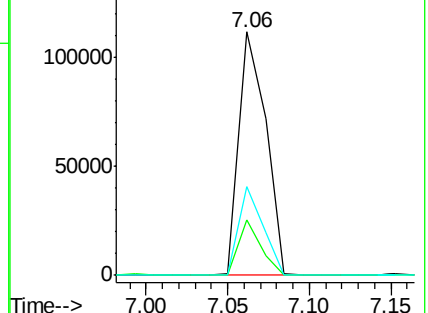
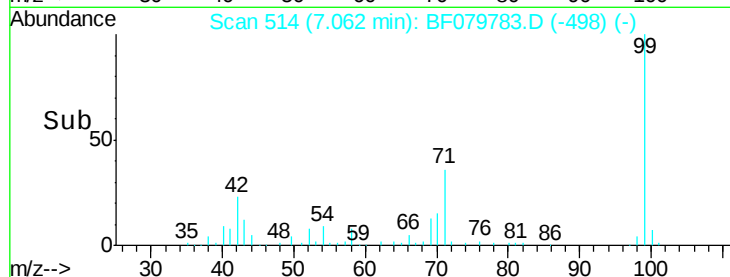
71 36.2 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF079783.D

Acq: 6 Jun 2015 22:02

Tgt Ion: 136 Resp: 224283

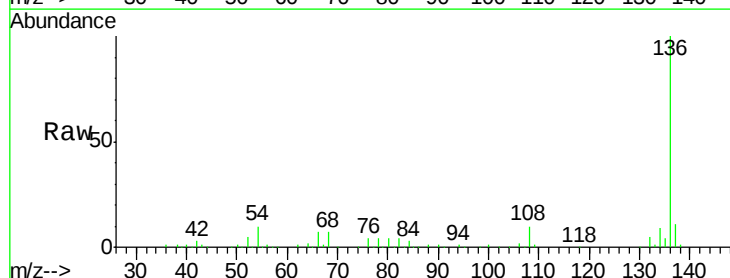
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.5 8.7 13.1

68 7.4 5.8 8.8

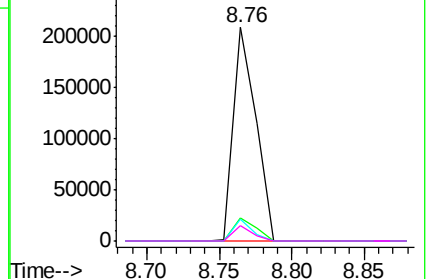
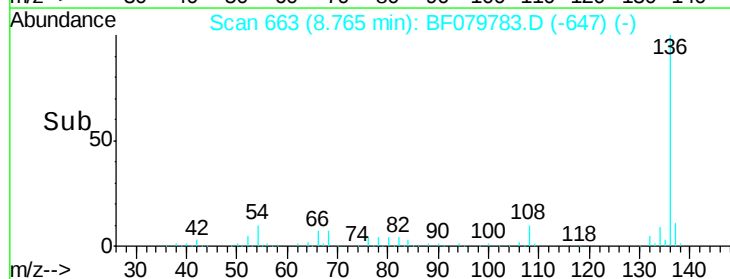


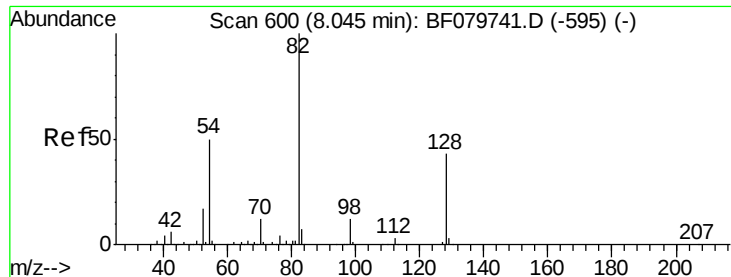
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

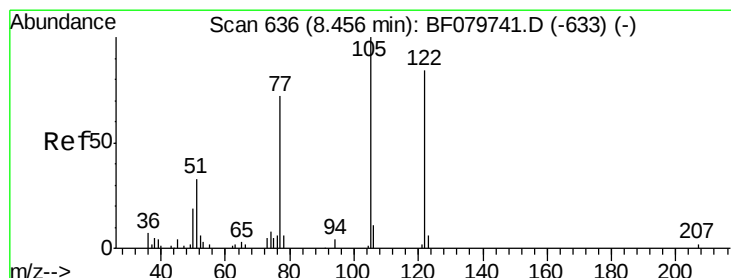
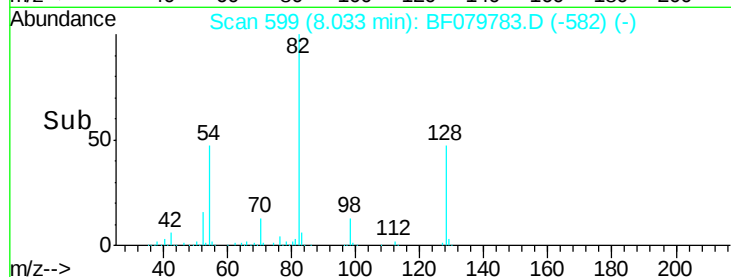
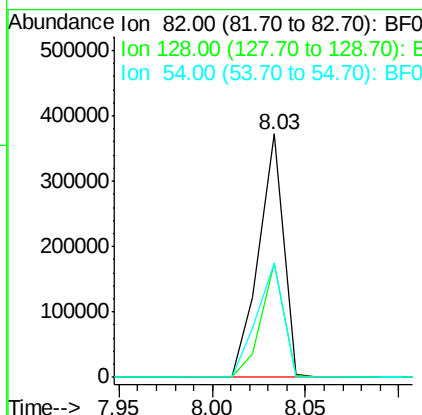
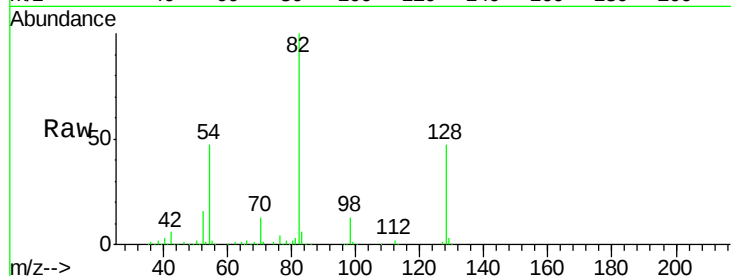




#23
Nitrobenzene-d5
Concen: 93.61 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF079783.D
Acq: 6 Jun 2015 22:02

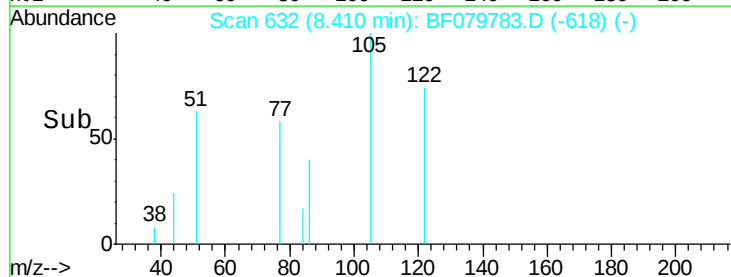
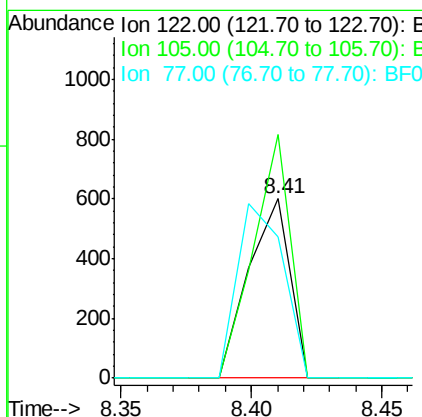
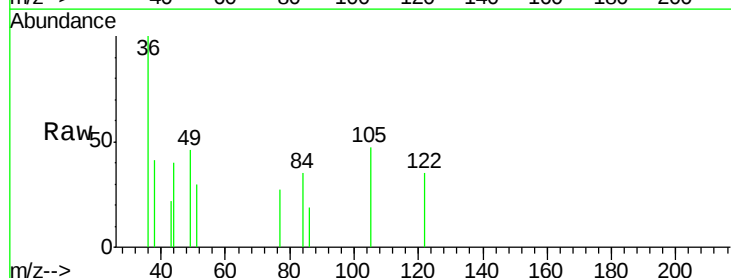
Instrument :
BNA_F
ClientSampled :
MW-2

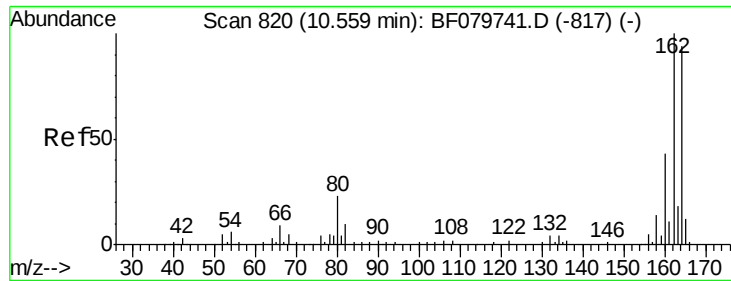
Tgt Ion: 82 Resp: 341968
Ion Ratio Lower Upper
82 100
128 46.8 37.6 56.4
54 47.2 39.4 59.2



#32
Benzoic acid
Concen: 4.49 ng
RT: 8.41 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF079783.D
Acq: 6 Jun 2015 22:02

Tgt Ion: 122 Resp: 665
Ion Ratio Lower Upper
122 100
105 135.8 106.7 146.7
77 78.7 68.9 108.9

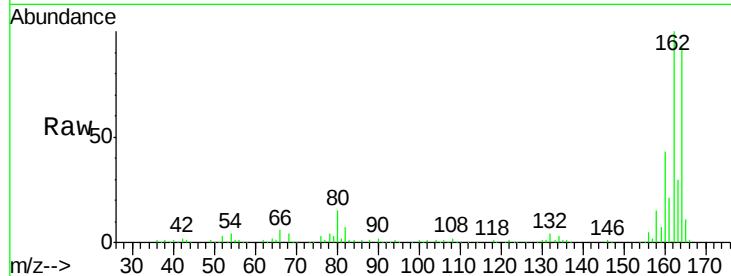




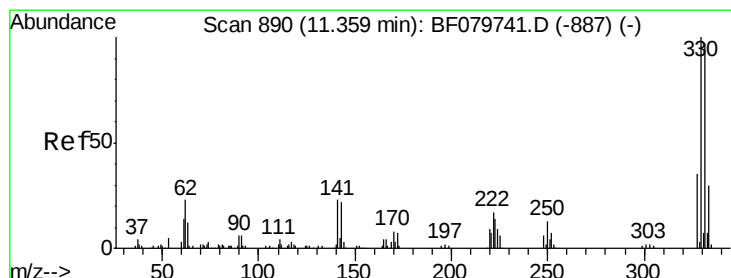
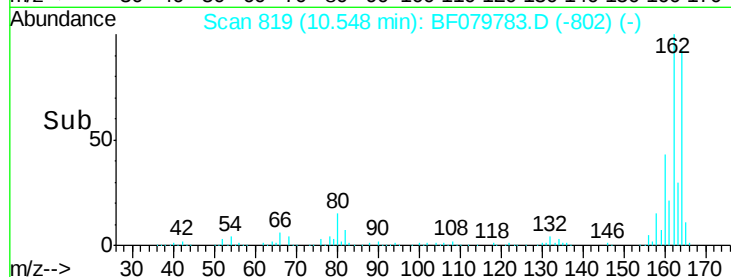
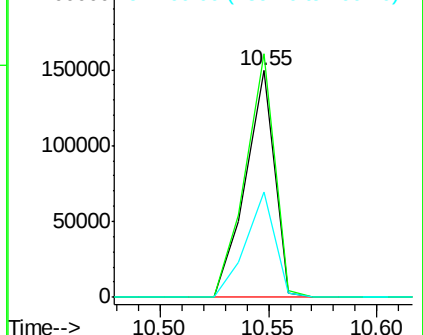
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF079783.D
 Acq: 6 Jun 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:164 Resp: 138489
 Ion Ratio Lower Upper
 164 100
 162 107.4 82.6 123.8
 160 46.3 36.8 55.2

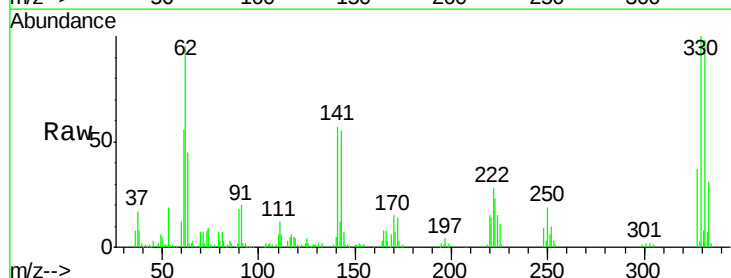


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

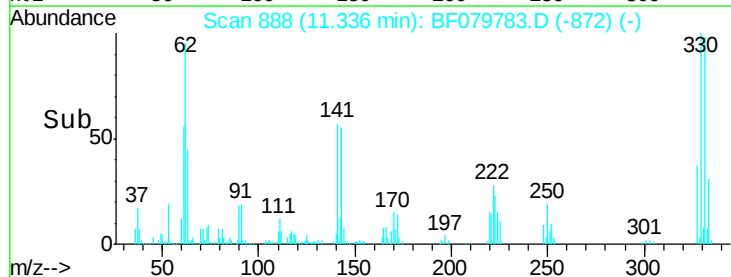
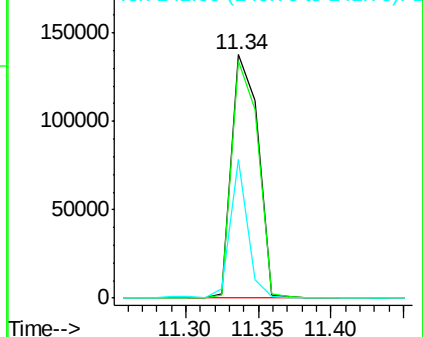


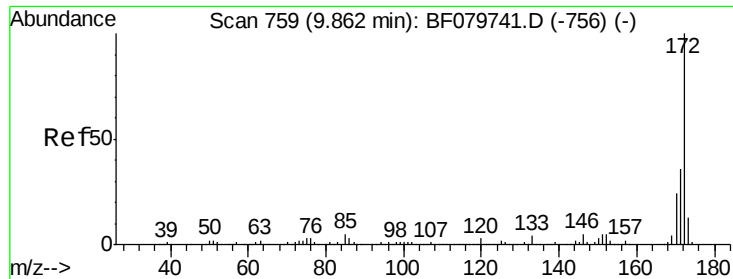
#41
 2,4,6-Tribromophenol
 Concen: 132.09 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF079783.D
 Acq: 6 Jun 2015 22:02

Tgt Ion:330 Resp: 174963
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 38.7 30.2 45.2



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

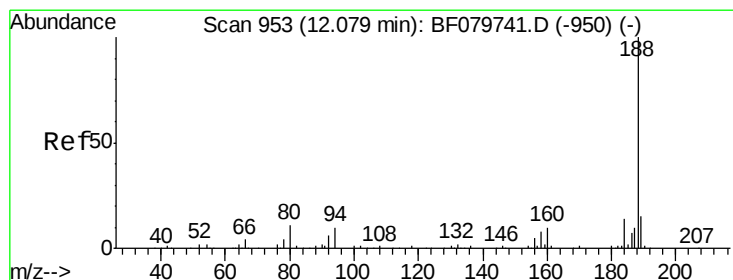
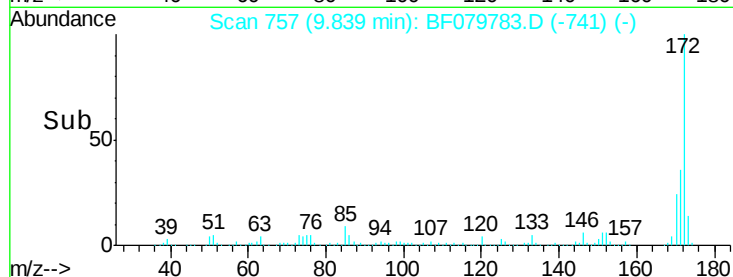
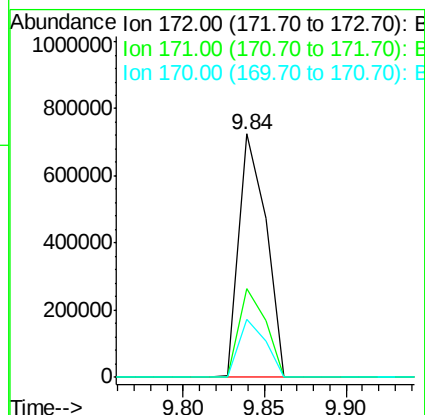
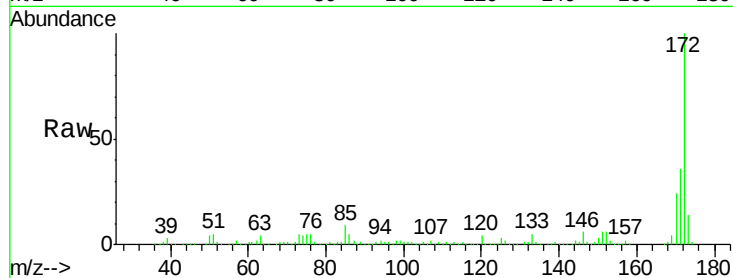




#44
 2-Fluorobiphenyl
 Concen: 81.31 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF079783.D
 Acq: 6 Jun 2015 22:02

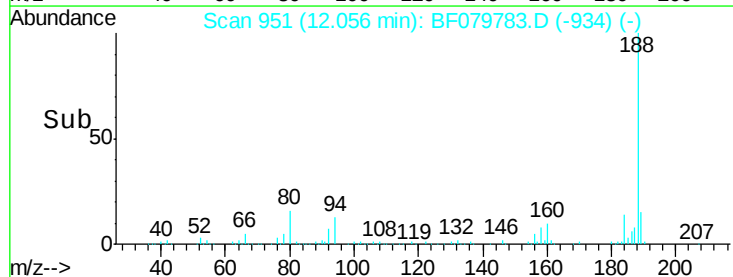
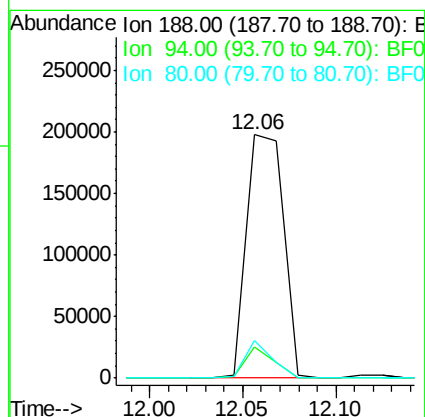
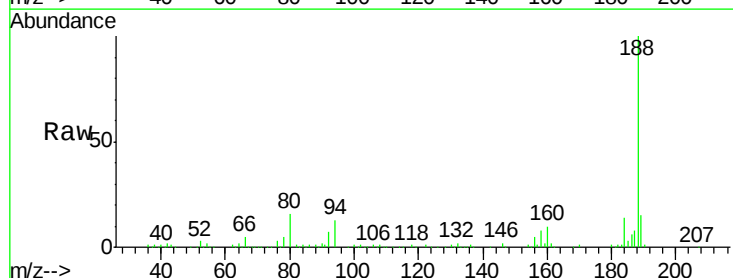
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

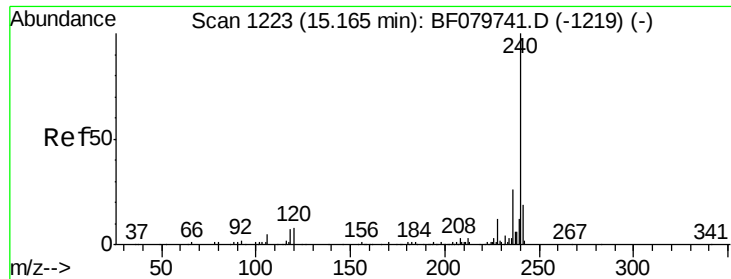
Tgt Ion:172 Resp: 831175
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.0 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079783.D
 Acq: 6 Jun 2015 22:02

Tgt Ion:188 Resp: 271301
 Ion Ratio Lower Upper
 188 100
 94 12.9 5.0 7.4#
 80 15.7 5.3 7.9#





#75

Chrysene-d12

Concen: 20.00 ng m

RT: 15.09 min Scan# 1216

Delta R.T. 0.18 min

Lab File: BF079783.D

Acq: 6 Jun 2015 22:02

Instrument :

BNA_F

ClientSampleId :

MW-2

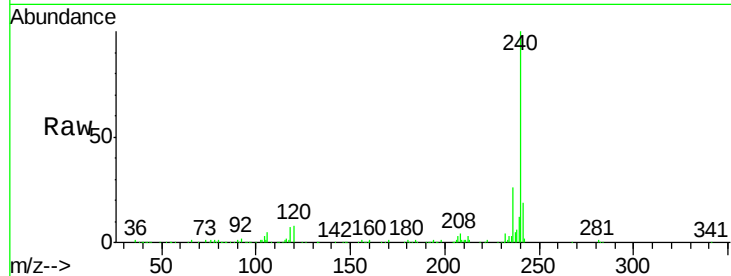
Tgt Ion:240 Resp: 239216

Ion Ratio Lower Upper

240 100

120 7.6 6.2 9.2

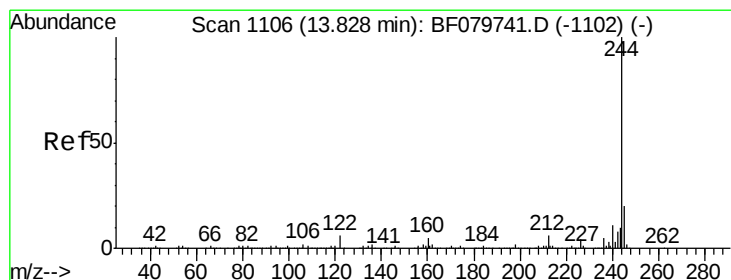
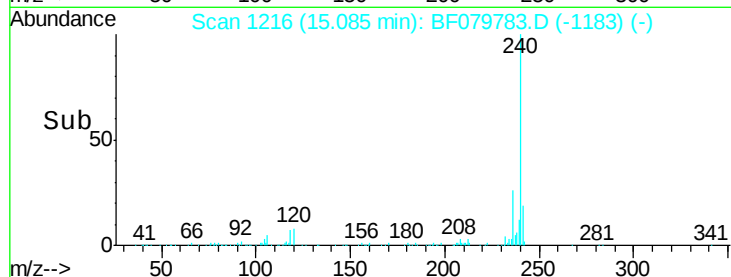
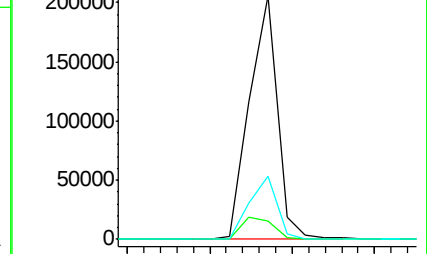
236 26.0 21.0 31.4



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: 89.55 ng

RT: 13.79 min Scan# 1103

Delta R.T. 0.10 min

Lab File: BF079783.D

Acq: 6 Jun 2015 22:02

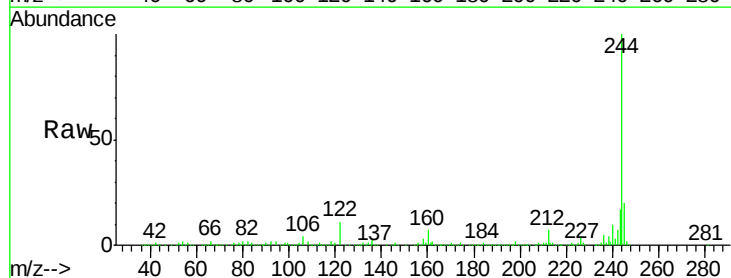
Tgt Ion:244 Resp: 935310

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

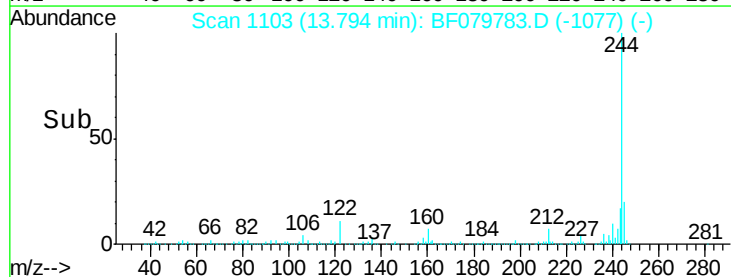
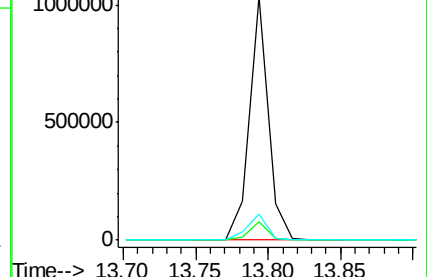
122 10.5 9.3 13.9

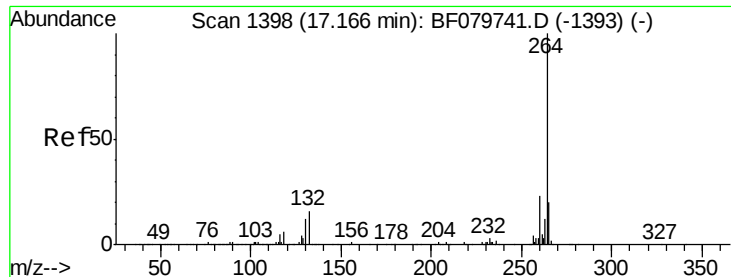


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

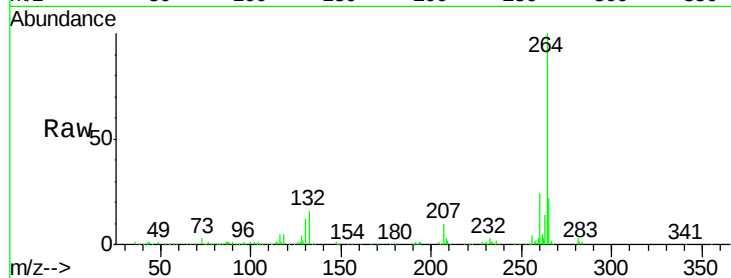




#86
Perylene-d12
Concen: 20.00 ng m
RT: 17.01 min Scan# 1384
Delta R.T. 0.21 min
Lab File: BF079783.D
Acq: 6 Jun 2015 22:02

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 264 Resp: 218985
Ion Ratio Lower Upper
264 100
260 24.4 18.6 27.8
265 22.1 18.2 27.4



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

