

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079780.D
 Acq On : 6 Jun 2015 20:36
 Operator : TP/IZ
 Sample : G2511-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Jun 08 19:21:43 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

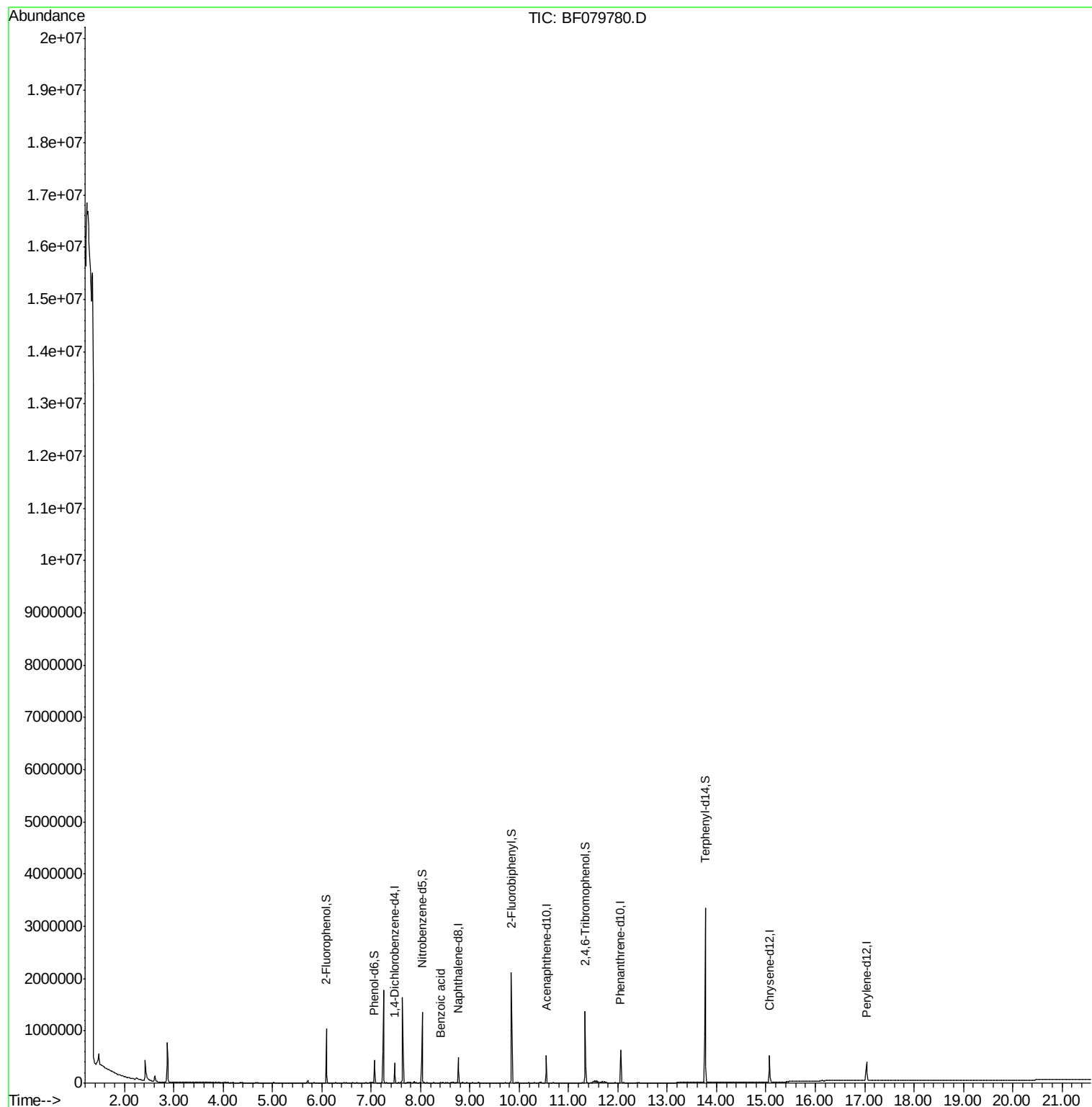
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	60150	20.00	ng	-0.01
21) Naphthalene-d8	8.76	136	247207	20.00	ng	-0.01
38) Acenaphthene-d10	10.55	164	109391	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	221004	20.00	ng	0.00
75) Chrysene-d12	15.07	240	220623m	20.00	ng	0.17
86) Perylene-d12	17.04	264	198570m	20.00	ng	0.24
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	245401	68.38	ng	0.00
7) Phenol-d6	7.06	99	183713	39.63	ng	-0.01
23) Nitrobenzene-d5	8.03	82	417355	103.65	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	148572	142.00	ng	-0.01
44) 2-Fluorobiphenyl	9.84	172	753224	93.29	ng	-0.01
78) Terphenyl-d14	13.77	244	1093141	113.48	ng	0.08
Target Compounds						
32) Benzoic acid	8.41	122	684	4.45	ng	Qvalue # 81

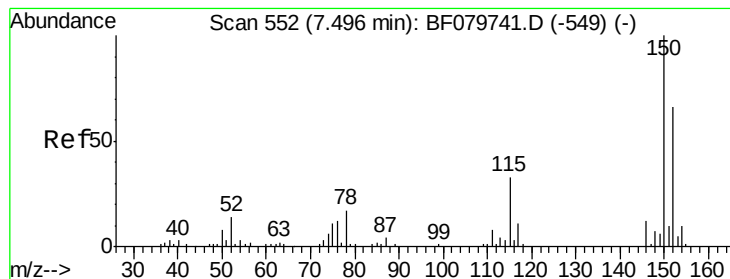
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF079780.D

Acq: 6 Jun 2015 20:36

Instrument :

BNA_F

ClientSampleId :

MW-4

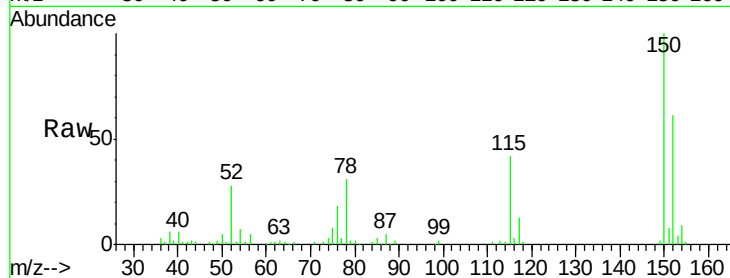
Tgt Ion:152 Resp: 60150

Ion Ratio Lower Upper

152 100

150 164.7 128.1 192.1

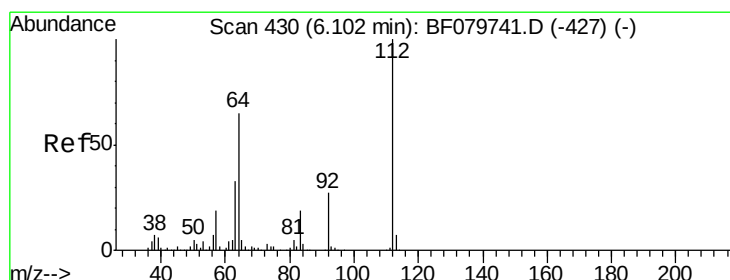
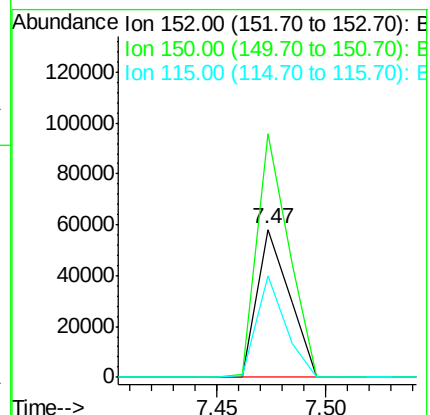
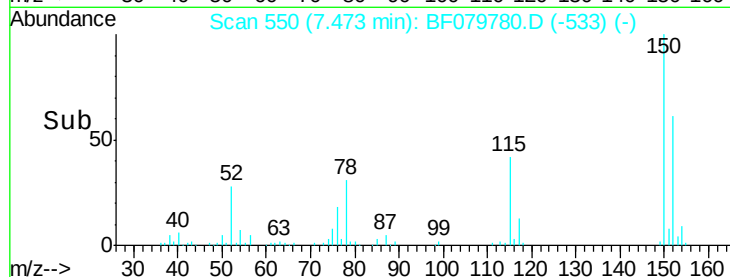
115 68.4 49.7 74.5



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: 68.38 ng

RT: 6.09 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF079780.D

Acq: 6 Jun 2015 20:36

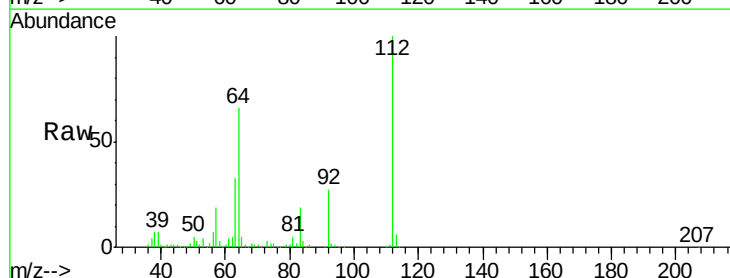
Tgt Ion:112 Resp: 245401

Ion Ratio Lower Upper

112 100

64 65.5 49.6 74.4

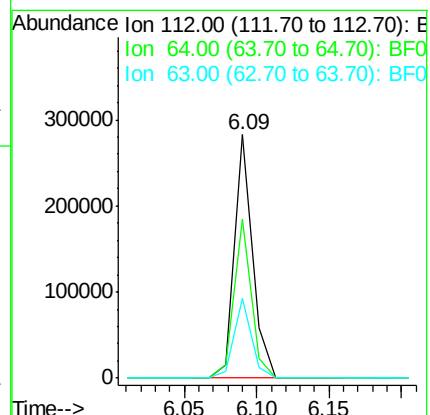
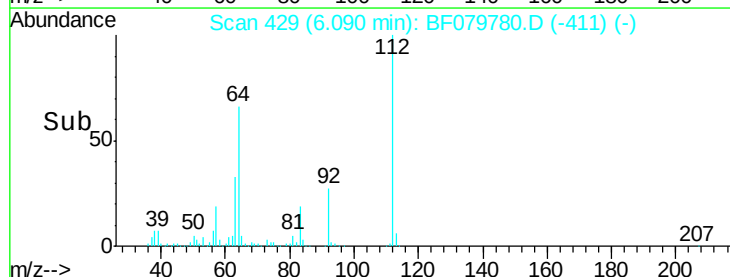
63 33.0 24.9 37.3

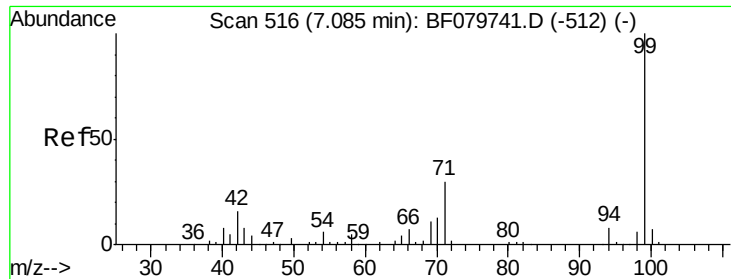


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.63 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF079780.D

Acq: 6 Jun 2015 20:36

Instrument :

BNA_F

ClientSampleId :

MW-4

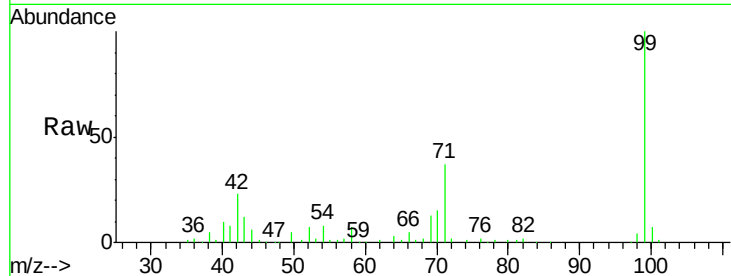
Tgt Ion: 99 Resp: 183713

Ion Ratio Lower Upper

99 100

42 22.6 18.0 27.0

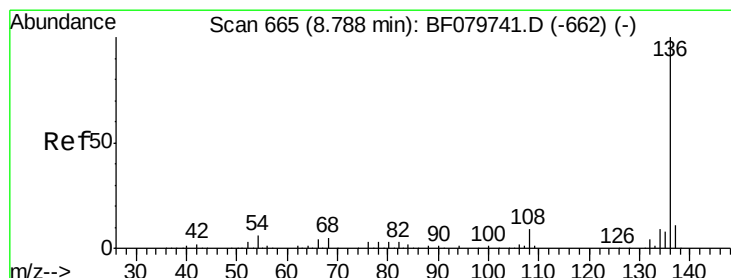
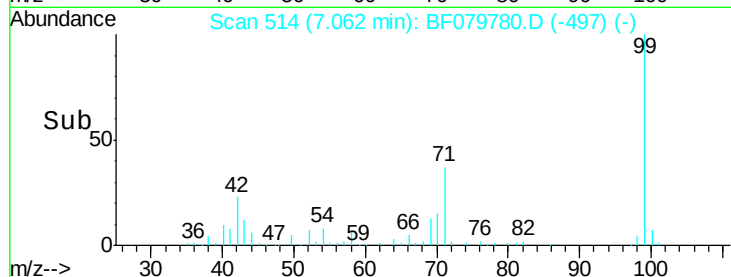
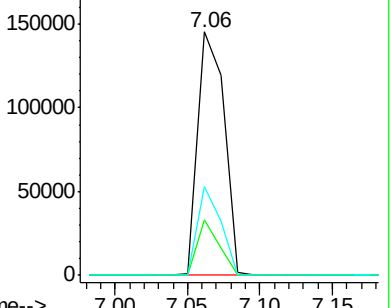
71 36.6 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF079780.D (-497) (-)

Ion 42.00 (41.70 to 42.70): BF079780.D (-497) (-)

Ion 71.00 (70.70 to 71.70): BF079780.D (-497) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF079780.D

Acq: 6 Jun 2015 20:36

Tgt Ion: 136 Resp: 247207

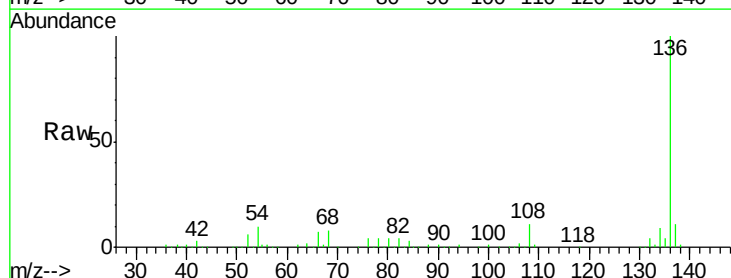
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.3 8.7 13.1

68 8.1 5.8 8.8

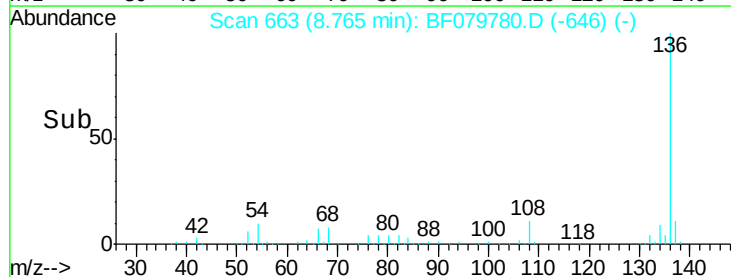
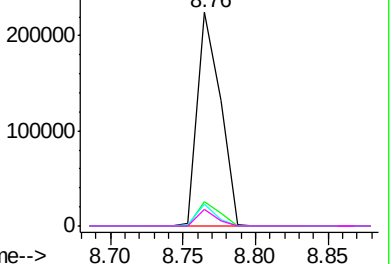


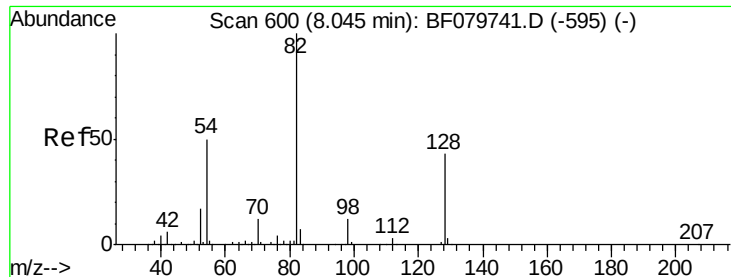
Abundance Ion 136.00 (135.70 to 136.70): BF079780.D (-646) (-)

Ion 137.00 (136.70 to 137.70): BF079780.D (-646) (-)

Ion 54.00 (53.70 to 54.70): BF079780.D (-646) (-)

Ion 68.00 (67.70 to 68.70): BF079780.D (-646) (-)

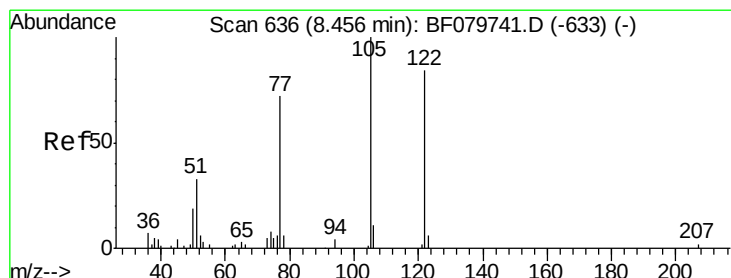
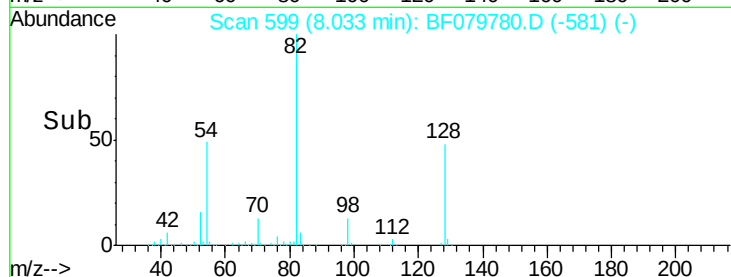
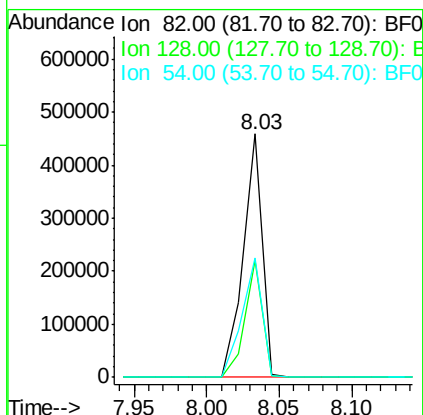
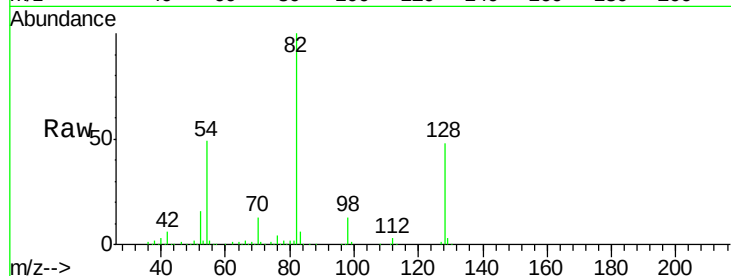




#23
 Nitrobenzene-d5
 Concen: 103.65 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF079780.D
 Acq: 6 Jun 2015 20:36

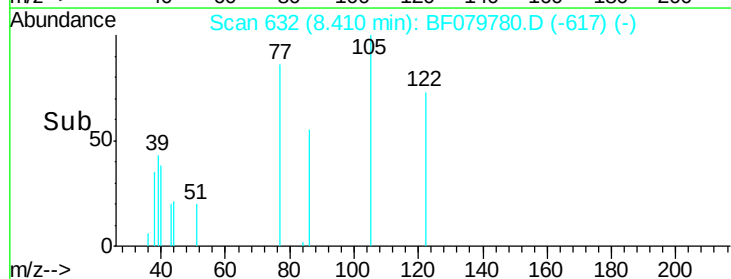
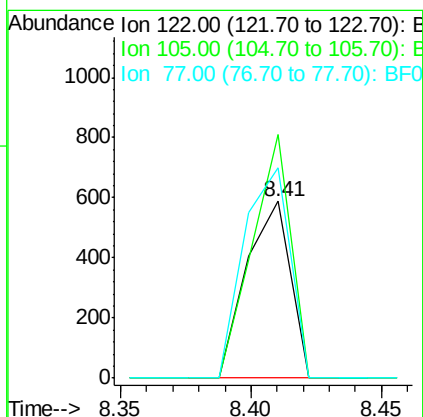
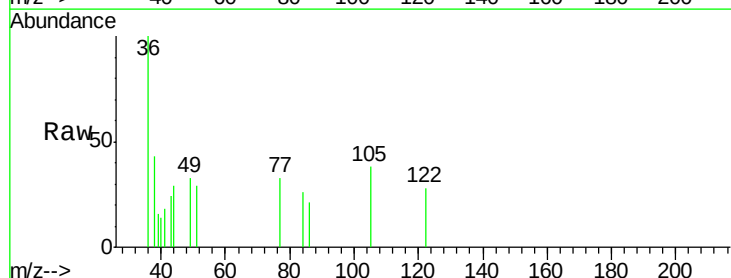
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

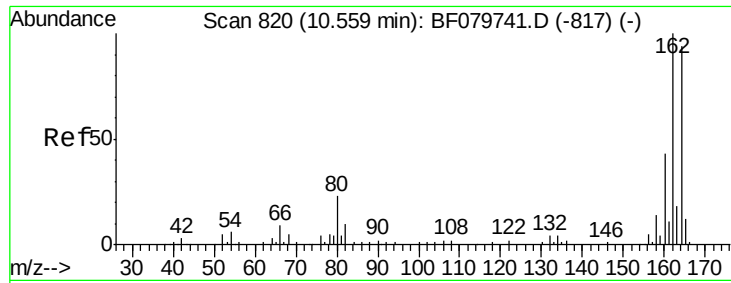
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.6	56.4
54	49.2	39.4	59.2



#32
 Benzoic acid
 Concen: 4.45 ng
 RT: 8.41 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF079780.D
 Acq: 6 Jun 2015 20:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.5	106.7	146.7
77	118.5	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: BF079780.D

Acq: 6 Jun 2015 20:36

Instrument :

BNA_F

ClientSampleId :

MW-4

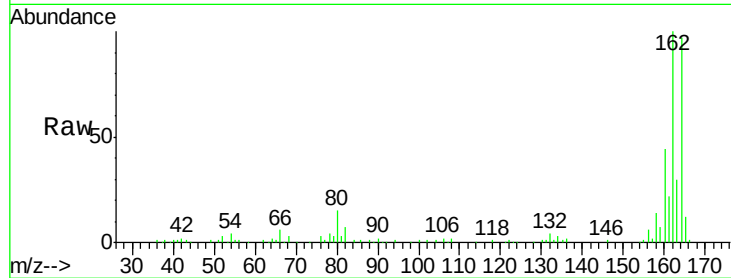
Tgt Ion:164 Resp: 109391

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

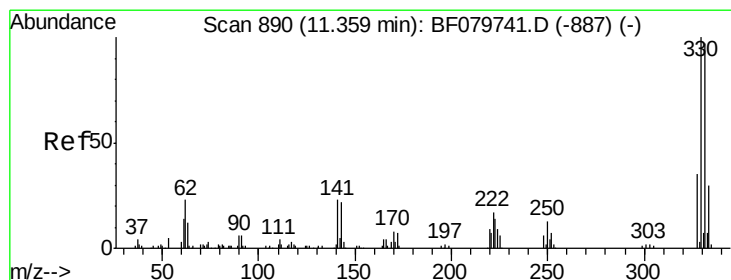
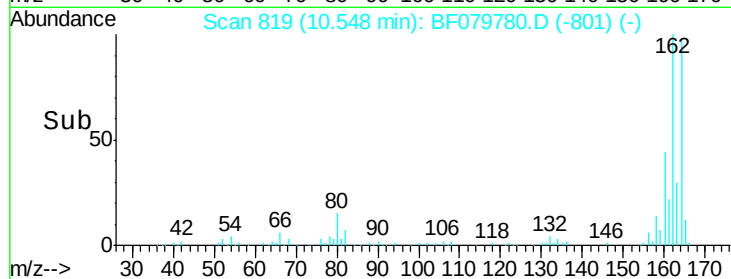
160 45.5 36.8 55.2



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: 142.00 ng

RT: 11.34 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF079780.D

Acq: 6 Jun 2015 20:36

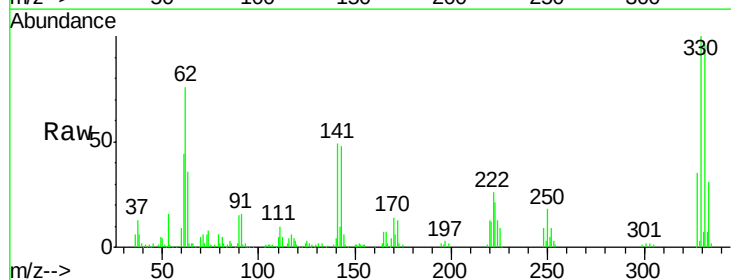
Tgt Ion:330 Resp: 148572

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

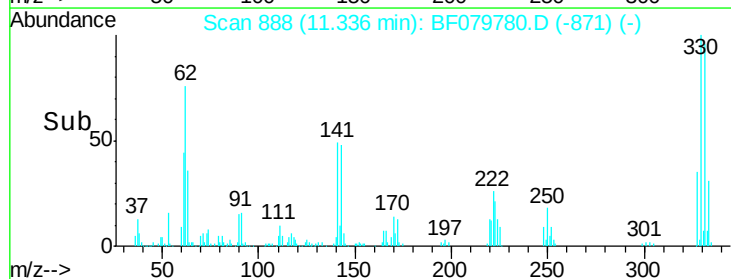
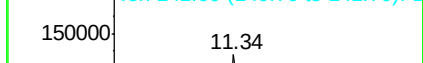
141 37.9 30.2 45.2

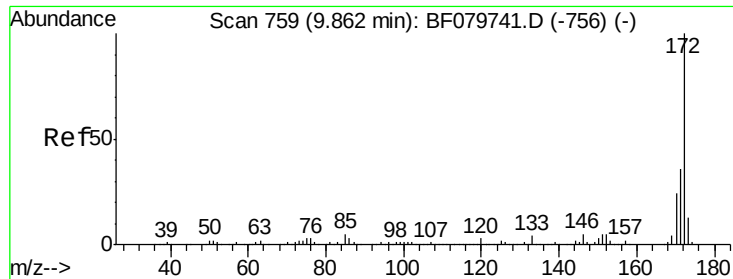


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

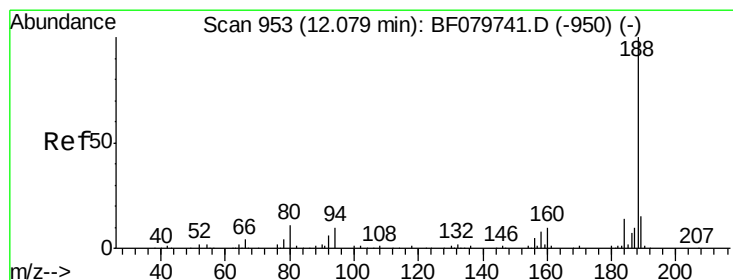
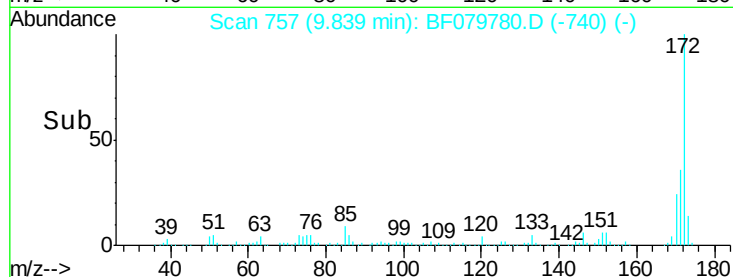
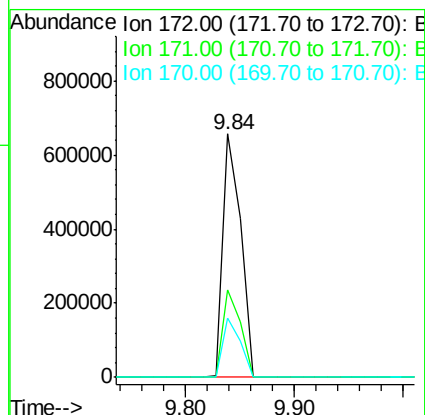
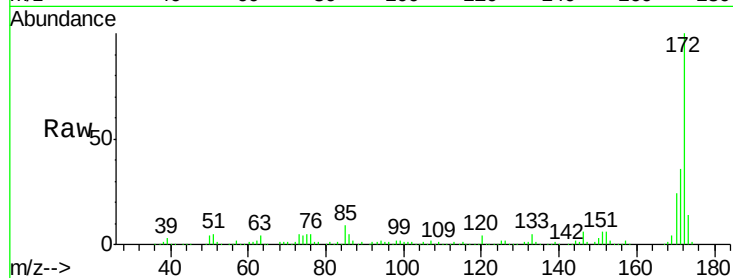




#44
 2-Fluorobiphenyl
 Concen: 93.29 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF079780.D
 Acq: 6 Jun 2015 20:36

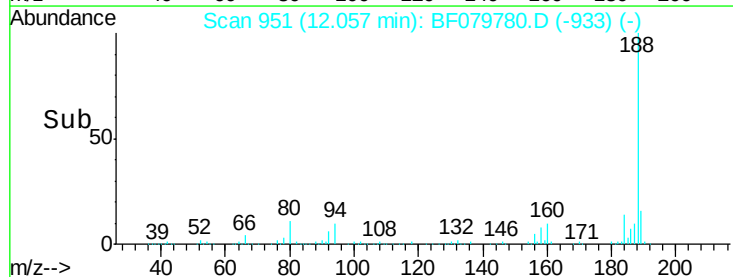
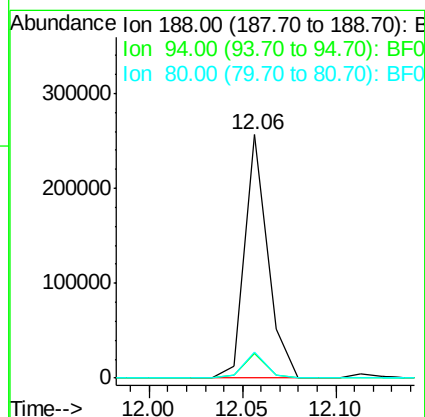
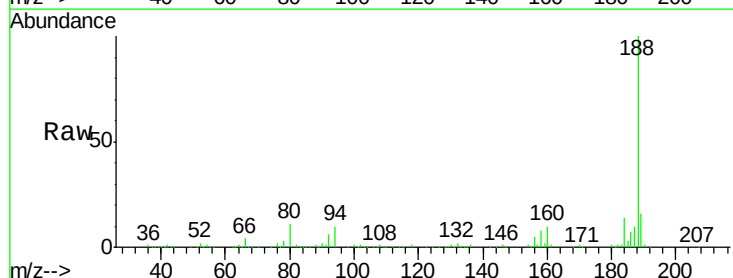
Instrument :
 BNA_F
 ClientSampled :
 MW-4

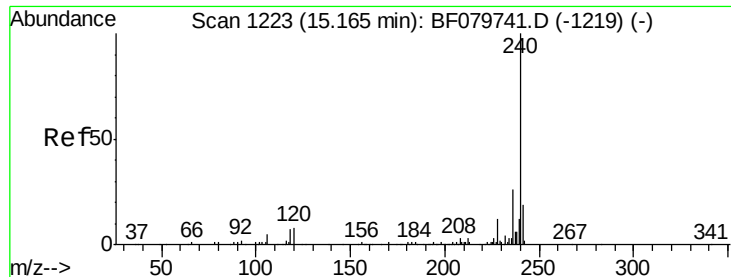
Tgt Ion:172 Resp: 753224
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.06 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF079780.D
 Acq: 6 Jun 2015 20:36

Tgt Ion:188 Resp: 221004
 Ion Ratio Lower Upper
 188 100
 94 10.1 5.0 7.4#
 80 10.7 5.3 7.9#

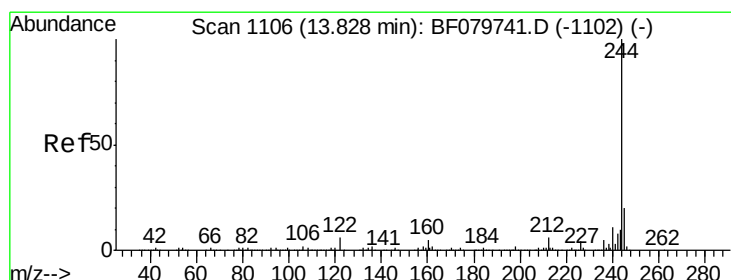
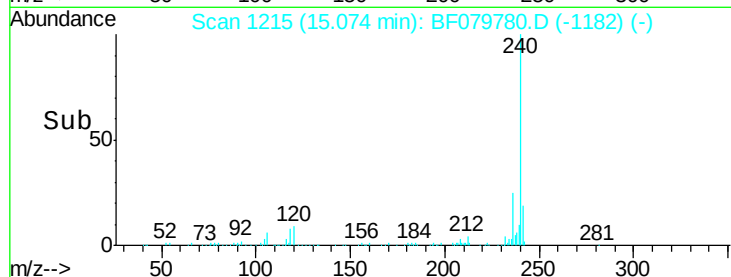
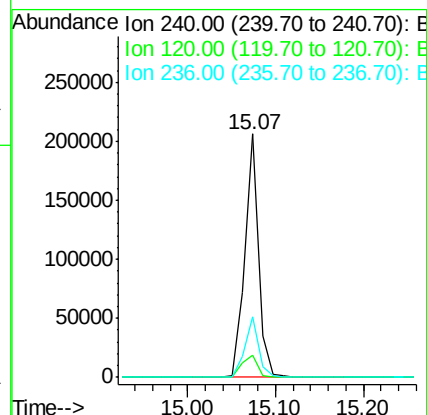
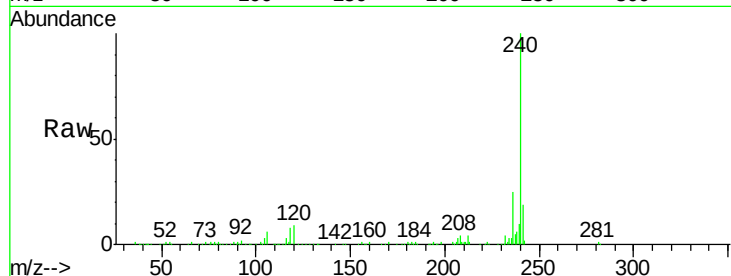




#75
Chrysene-d12
Concen: 20.00 ng m
RT: 15.07 min Scan# 1215
Delta R.T. 0.17 min
Lab File: BF079780.D
Acq: 6 Jun 2015 20:36

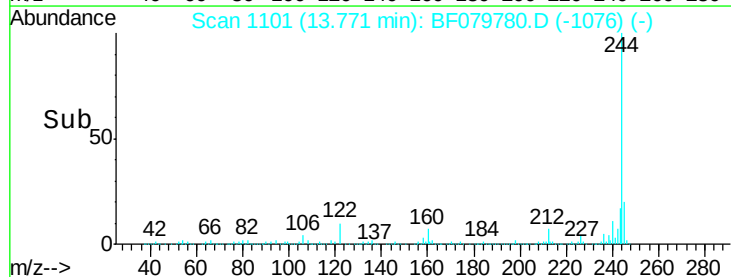
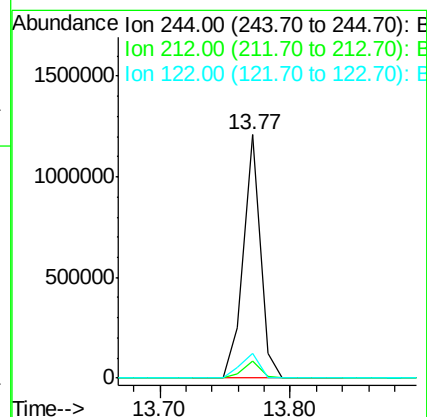
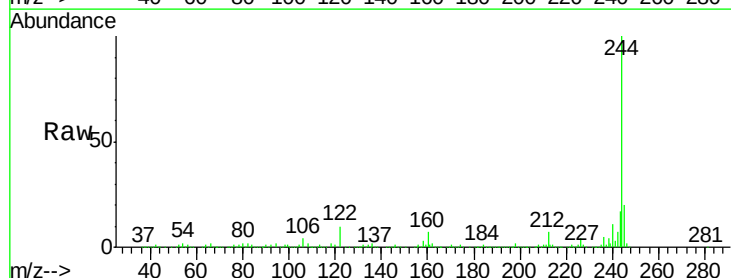
Instrument :
BNA_F
ClientSampled :
MW-4

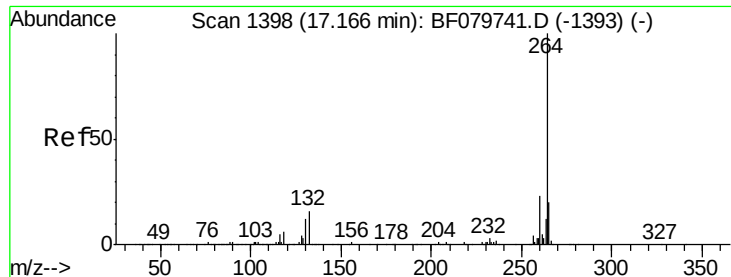
Tgt Ion:240 Resp: 220623
Ion Ratio Lower Upper
240 100
120 9.0 6.2 9.2
236 24.7 21.0 31.4



#78
Terphenyl-d14
Concen: 113.48 ng
RT: 13.77 min Scan# 1101
Delta R.T. 0.08 min
Lab File: BF079780.D
Acq: 6 Jun 2015 20:36

Tgt Ion:244 Resp: 1093141
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 10.2 9.3 13.9





#86
Perylene-d12
Concen: 20.00 ng m
RT: 17.04 min Scan# 1387
Delta R.T. 0.24 min
Lab File: BF079780.D
Acq: 6 Jun 2015 20:36

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 264 Resp: 198570
Ion Ratio Lower Upper
264 100
260 24.6 18.6 27.8
265 22.0 18.2 27.4

