

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081485.D
 Acq On : 6 Sep 2015 2:04
 Operator : UM/IZ
 Sample : G3557-03
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-090215

Quant Time: Sep 07 05:03:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 04:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57209	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	210074	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	90064	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	169330	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	120643	20.00	ng	-0.01
86) Perylene-d12	14.77	264	91350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	188301	51.07	ng	0.00
7) Phenol-d6	6.02	99	150633	30.86	ng	-0.01
23) Nitrobenzene-d5	6.94	82	383936	88.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	98655	123.02	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	602858	85.78	ng	0.00
78) Terphenyl-d14	12.43	244	459920	88.74	ng	0.00

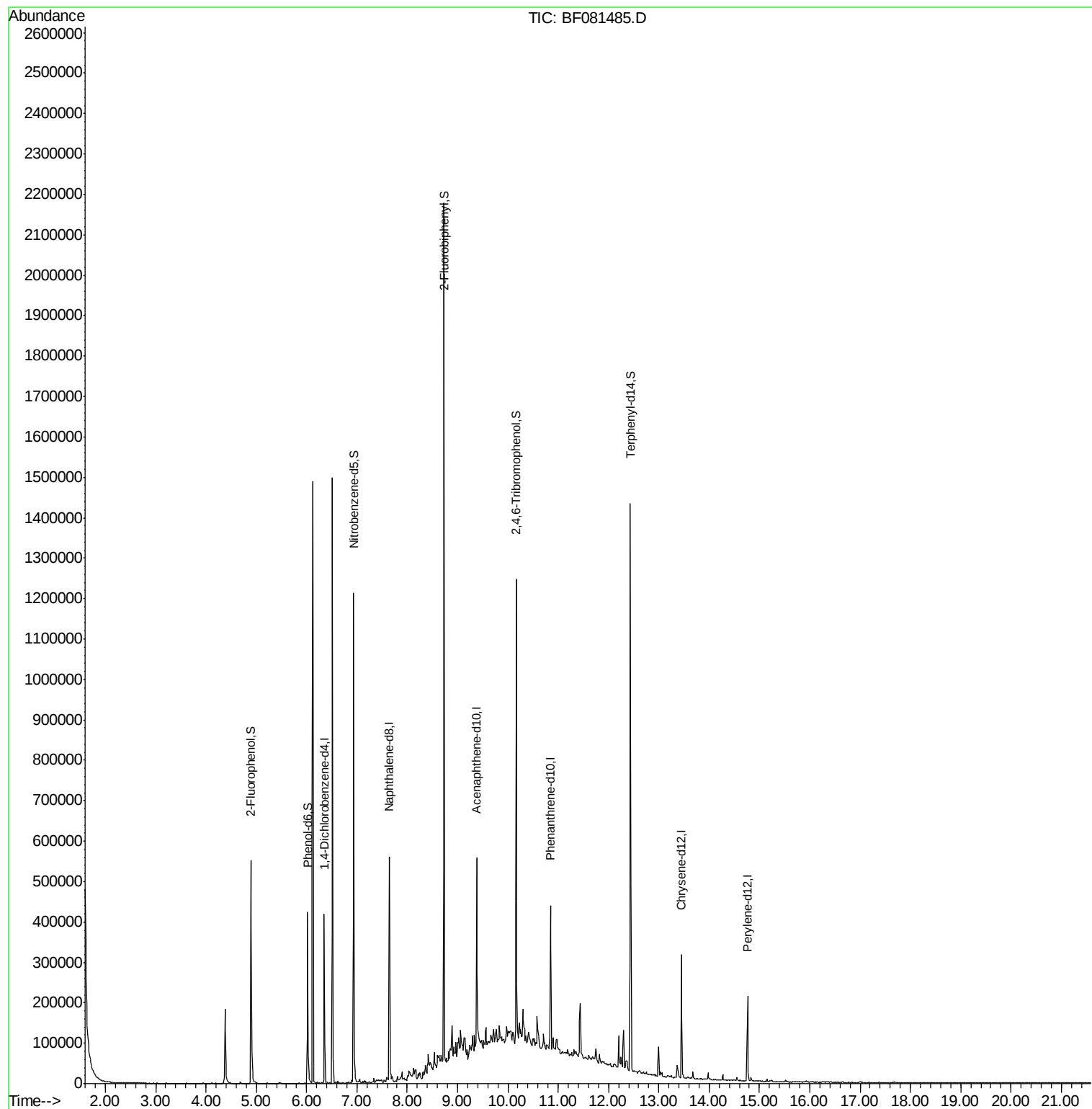
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081485.D

Acq: 6 Sep 2015 2:04

Instrument :

BNA_F

ClientSampleId :

MW-3-090215

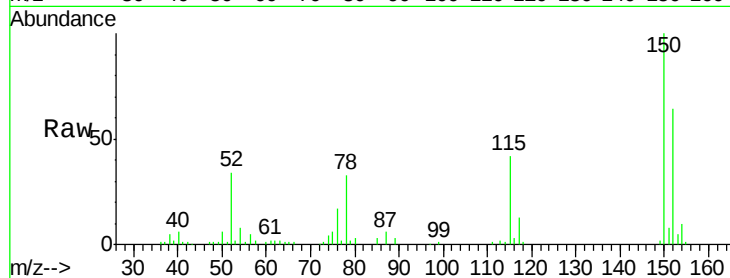
Tgt Ion:152 Resp: 57209

Ion Ratio Lower Upper

152 100

150 157.3 124.7 187.1

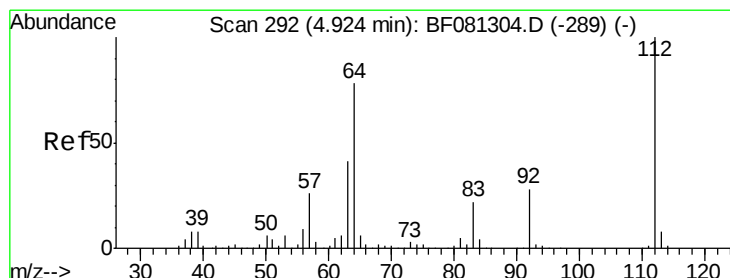
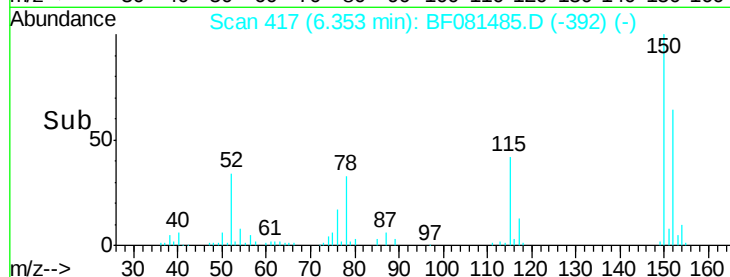
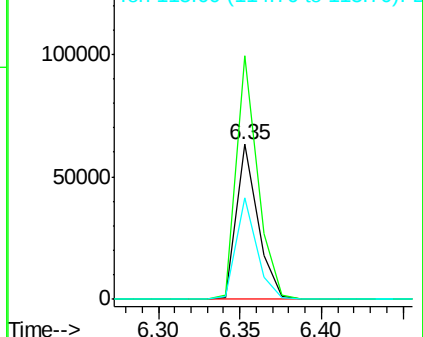
115 65.8 39.0 58.4#



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: 51.07 ng

RT: 4.89 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF081485.D

Acq: 6 Sep 2015 2:04

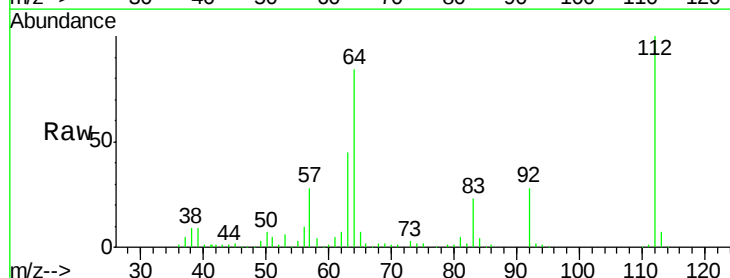
Tgt Ion:112 Resp: 188301

Ion Ratio Lower Upper

112 100

64 84.4 39.7 59.5#

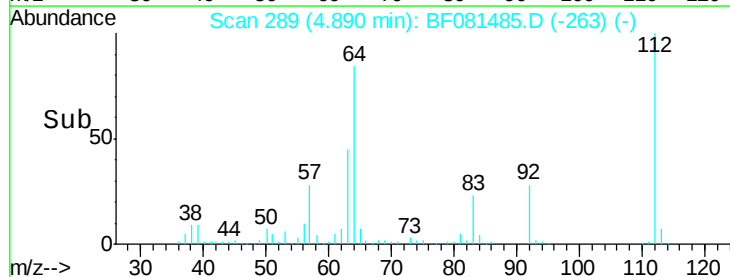
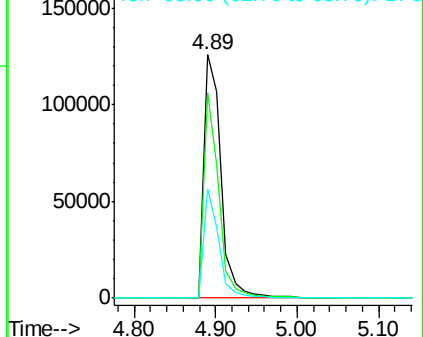
63 44.6 17.4 26.0#



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: 30.86 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081485.D

Acq: 6 Sep 2015 2:04

Instrument :

BNA_F

ClientSampleId :

MW-3-090215

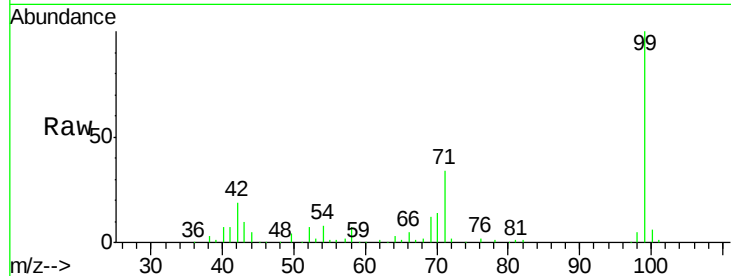
Tgt Ion: 99 Resp: 150633

Ion Ratio Lower Upper

99 100

42 19.1 13.7 20.5

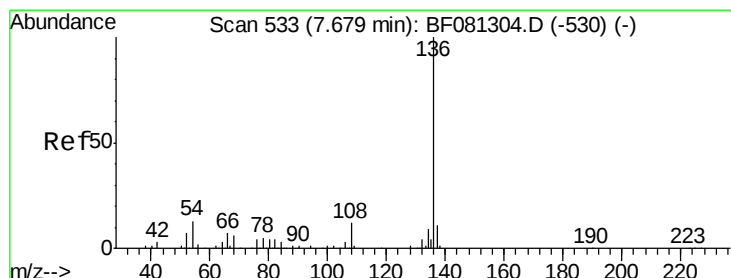
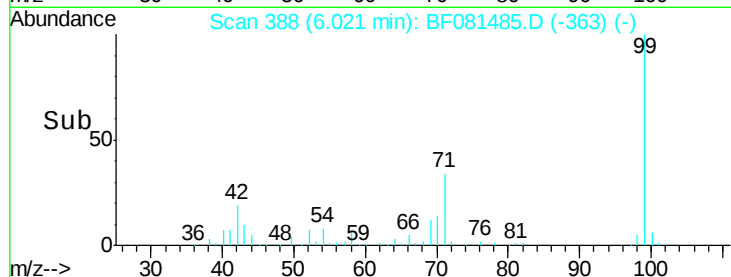
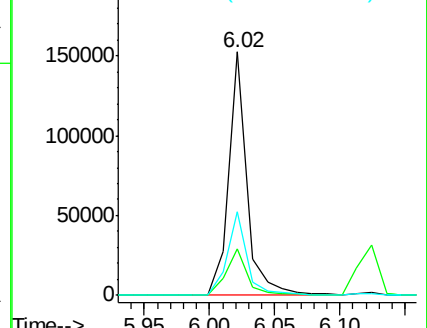
71 34.4 14.2 21.2#



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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081485.D

Acq: 6 Sep 2015 2:04

Tgt Ion: 136 Resp: 210074

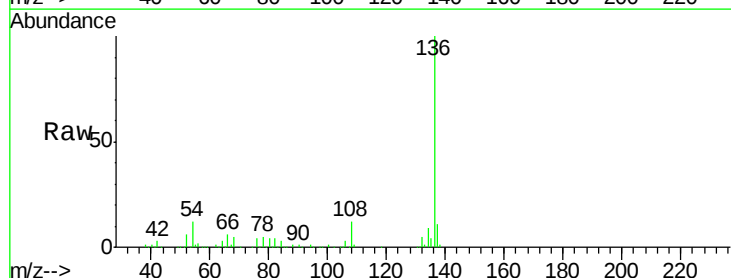
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.3 8.2 12.2#

68 5.1 5.8 8.6#

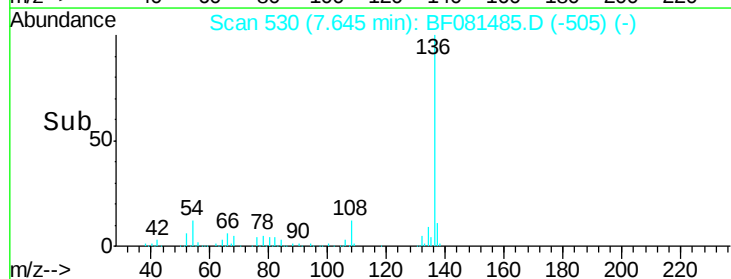
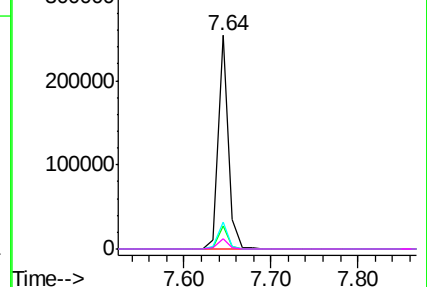


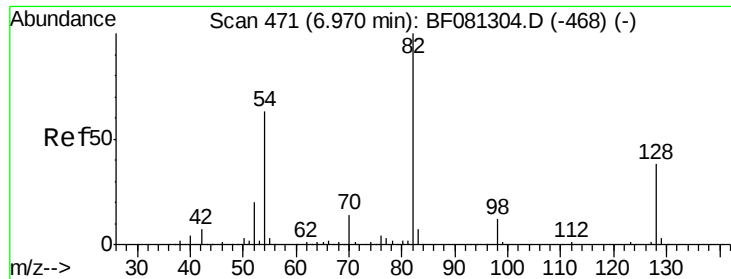
Abundance Ion 136.00 (135.70 to 136.70): E

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

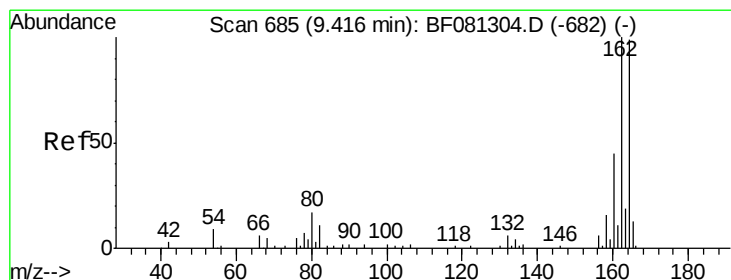
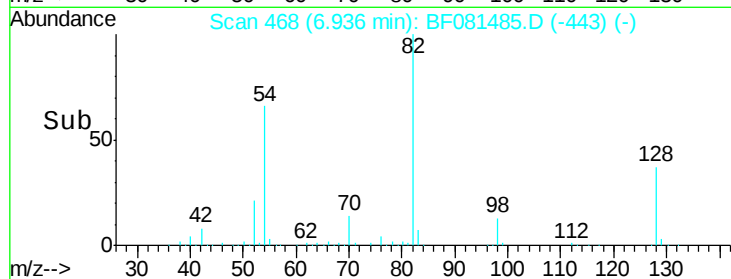
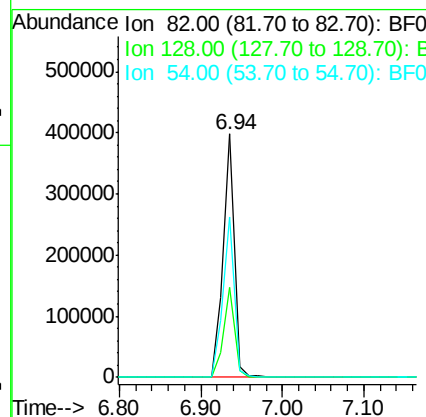
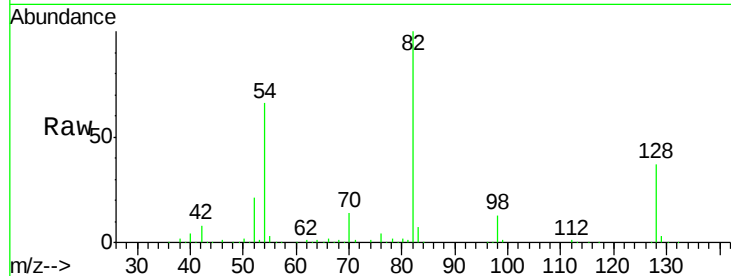




#23
 Nitrobenzene-d5
 Concen: 88.18 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081485.D
 Acq: 6 Sep 2015 2:04

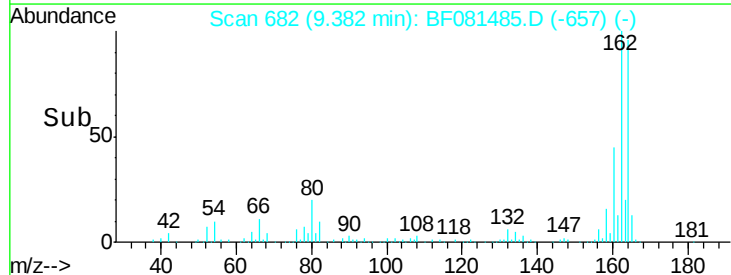
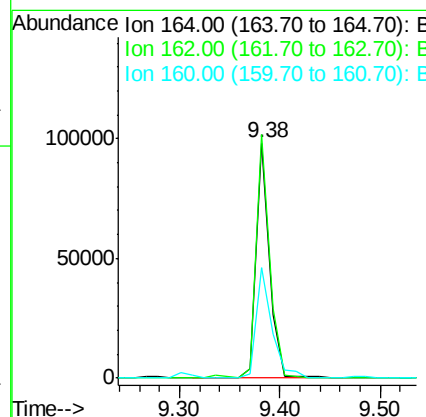
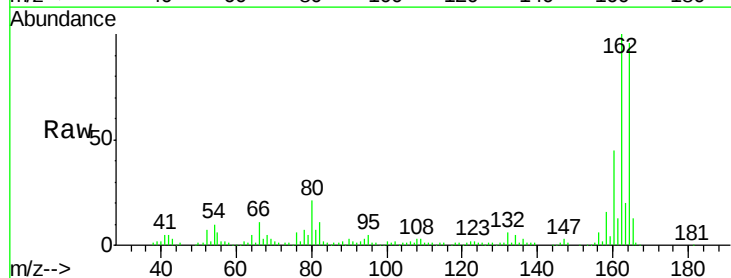
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-090215

Tgt Ion: 82 Resp: 383936
 Ion Ratio Lower Upper
 82 100
 128 37.1 51.0 76.6#
 54 65.7 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081485.D
 Acq: 6 Sep 2015 2:04

Tgt Ion: 164 Resp: 90064
 Ion Ratio Lower Upper
 164 100
 162 103.7 75.2 112.8
 160 47.0 31.5 47.3

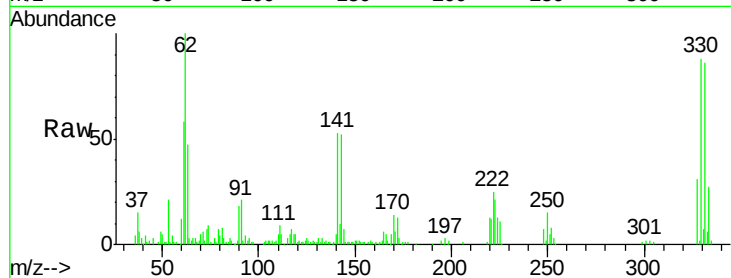




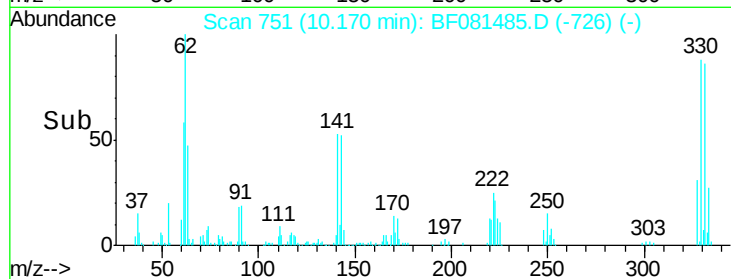
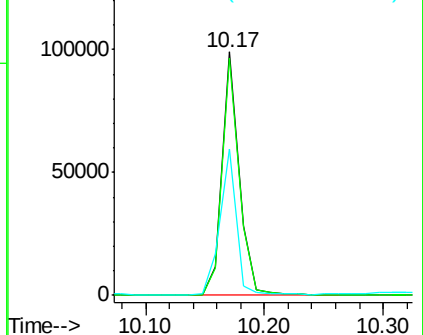
#41
 2,4,6-Tribromophenol
 Concen: 123.02 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081485.D
 Acq: 6 Sep 2015 2:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-090215

Tgt Ion:330 Resp: 98655
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 60.1 29.7 44.5#

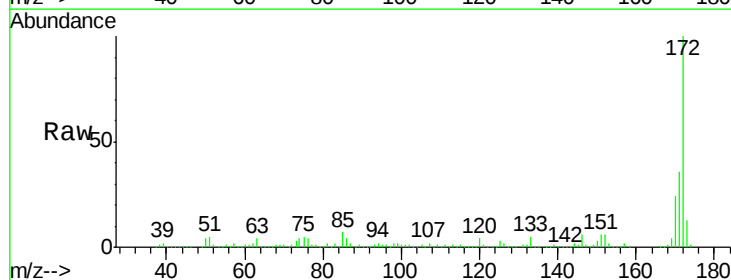


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

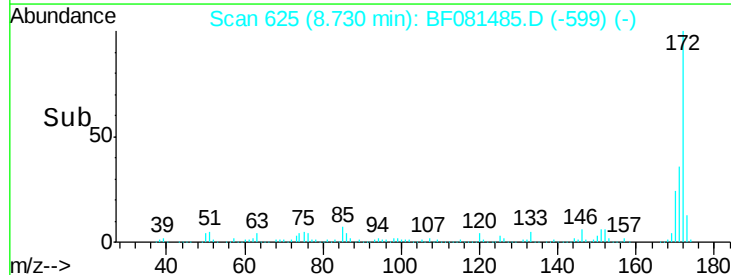
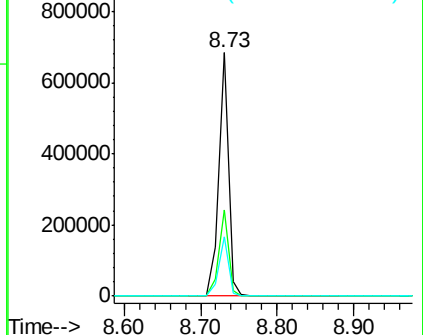


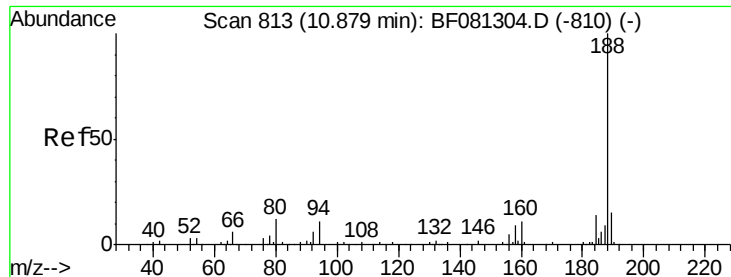
#44
 2-Fluorobiphenyl
 Concen: 85.78 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081485.D
 Acq: 6 Sep 2015 2:04

Tgt Ion:172 Resp: 602858
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.3 17.4 26.2



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: 20.00 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF081485.D

Acq: 6 Sep 2015 2:04

Instrument :

BNA_F

ClientSampleId :

MW-3-090215

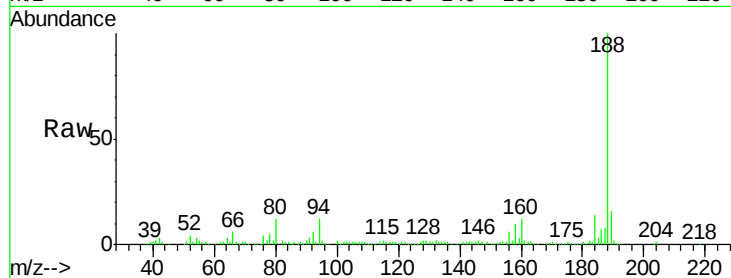
Tgt Ion:188 Resp: 169330

Ion Ratio Lower Upper

188 100

94 11.6 11.1 16.7

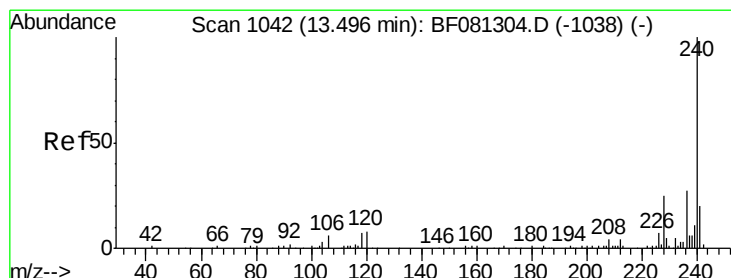
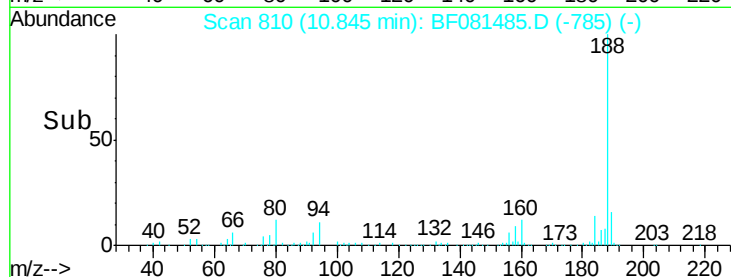
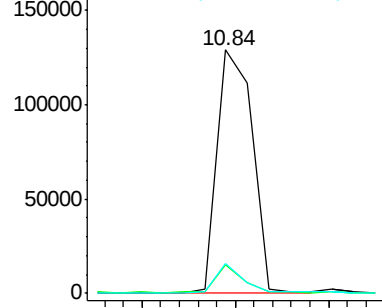
80 12.4 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081485.D

Acq: 6 Sep 2015 2:04

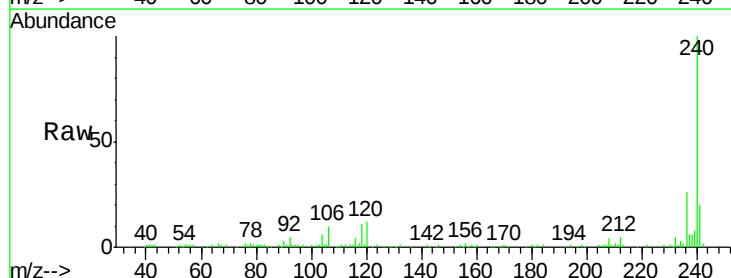
Tgt Ion:240 Resp: 120643

Ion Ratio Lower Upper

240 100

120 12.2 16.2 24.2#

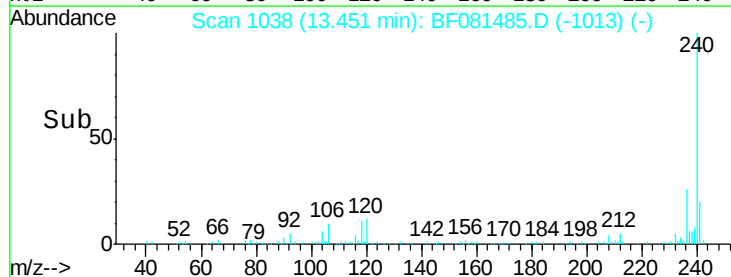
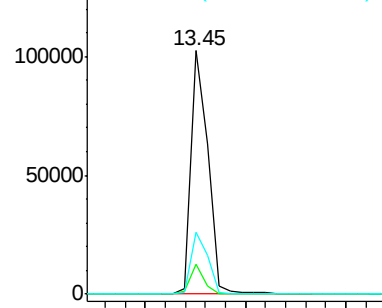
236 25.6 18.4 27.6

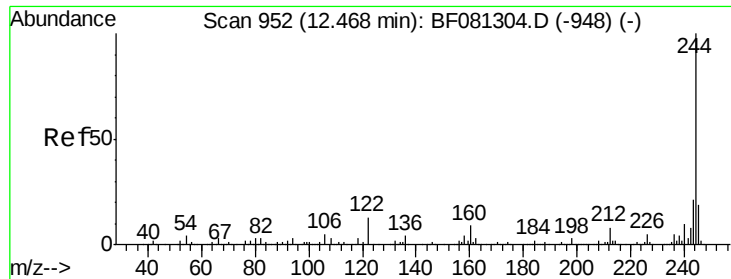


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

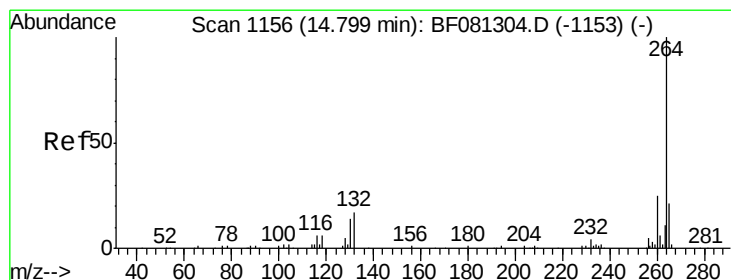
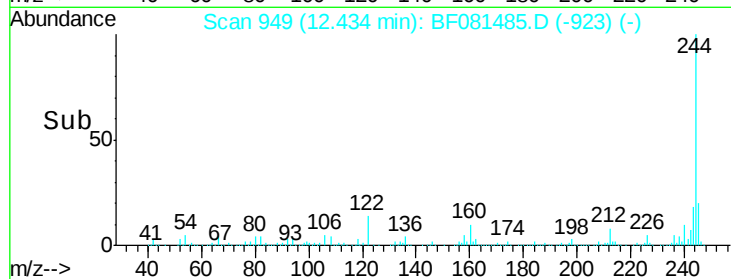
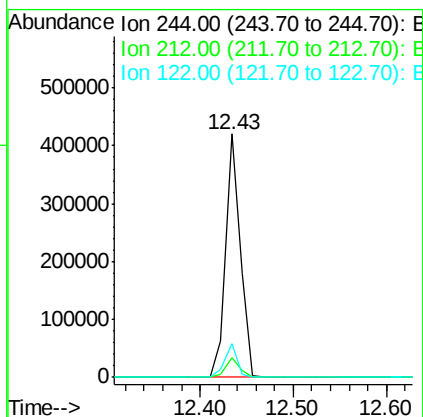
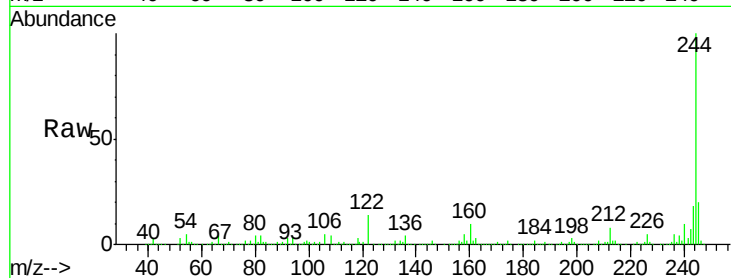




#78
 Terphenyl-d14
 Concen: 88.74 ng
 RT: 12.43 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081485.D
 Acq: 6 Sep 2015 2:04

Instrument :
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 MW-3-090215

Tgt Ion:244 Resp: 459920
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 13.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081485.D
 Acq: 6 Sep 2015 2:04

Tgt Ion:264 Resp: 91350
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.6 17.2 25.8

