

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
 Data File : BF081559.D
 Acq On : 9 Sep 2015 18:38
 Operator : UM/IZ
 Sample : PB85410BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BL

Quant Time: Sep 10 04:55:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	51647	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	211117	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	98700	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	204145	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	181229	20.00	ng	-0.01
86) Perylene-d12	14.73	264	137284	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	369228	110.92	ng	0.01
7) Phenol-d6	6.00	99	481172	109.20	ng	-0.01
23) Nitrobenzene-d5	6.91	82	359646	82.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	118448	134.78	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	607700	78.90	ng	0.00
78) Terphenyl-d14	12.41	244	593288	76.21	ng	0.00

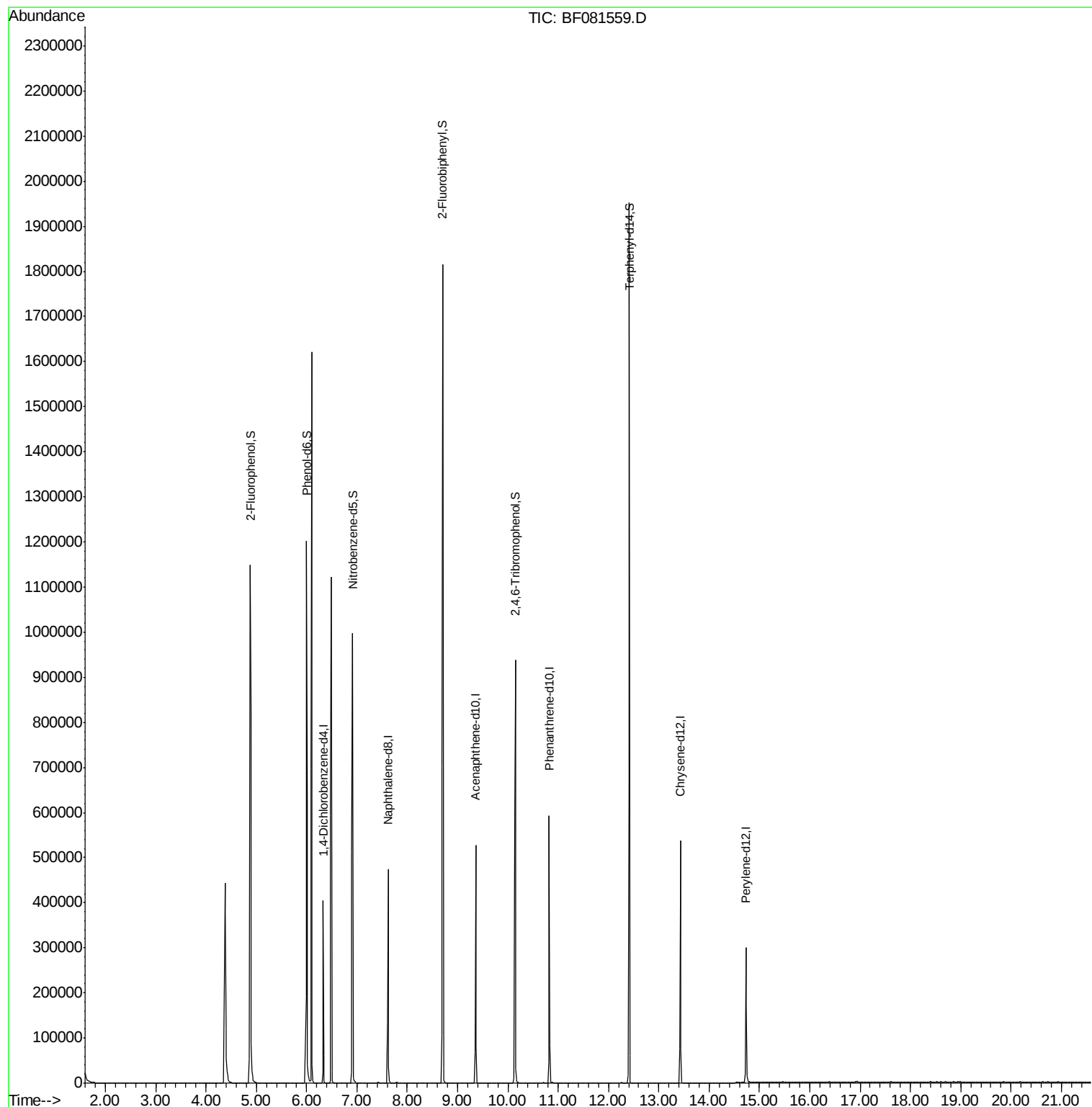
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF081559.D

Acq: 9 Sep 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB85410BL

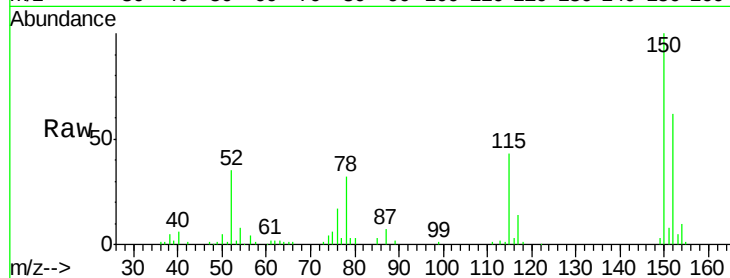
Tgt Ion:152 Resp: 51647

Ion Ratio Lower Upper

152 100

150 161.0 124.7 187.1

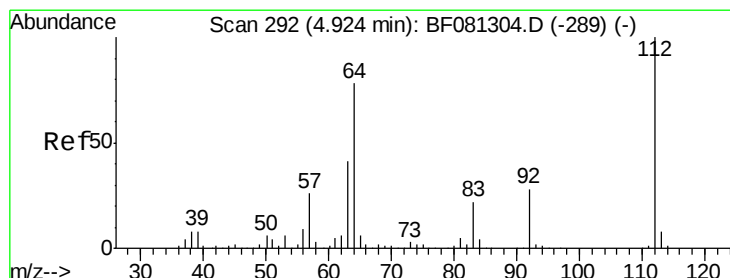
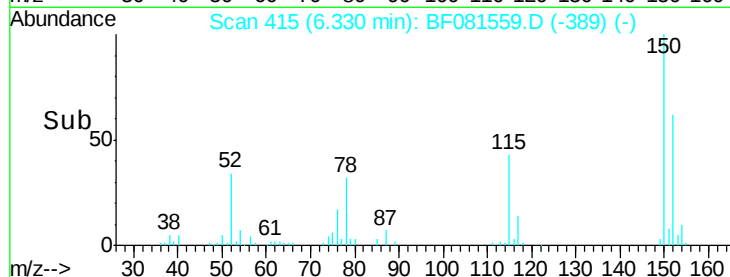
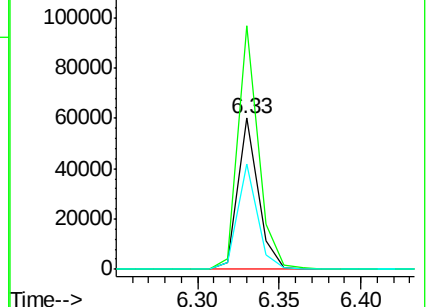
115 69.5 39.0 58.4#



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: 110.92 ng

RT: 4.88 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF081559.D

Acq: 9 Sep 2015 18:38

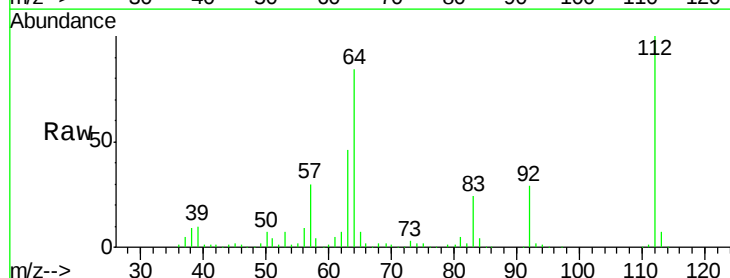
Tgt Ion:112 Resp: 369228

Ion Ratio Lower Upper

112 100

64 84.3 39.7 59.5#

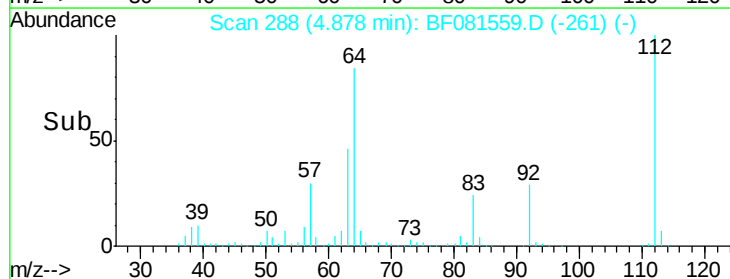
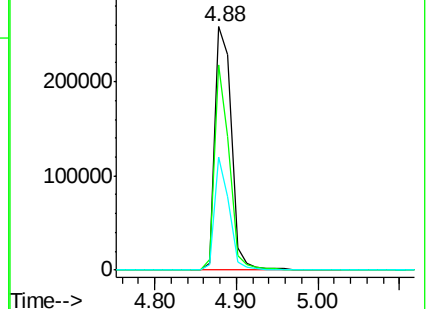
63 46.4 17.4 26.0#



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: 109.20 ng

RT: 6.00 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081559.D

Acq: 9 Sep 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB85410BL

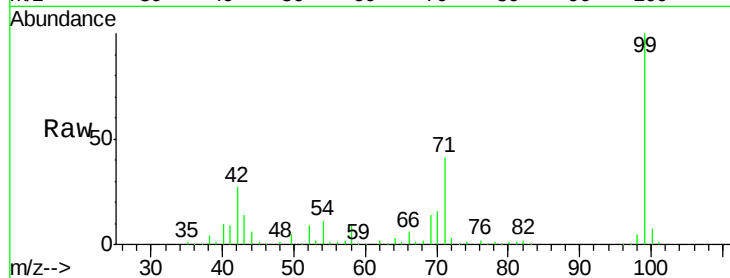
Tgt Ion: 99 Resp: 481172

Ion Ratio Lower Upper

99 100

42 26.7 13.7 20.5#

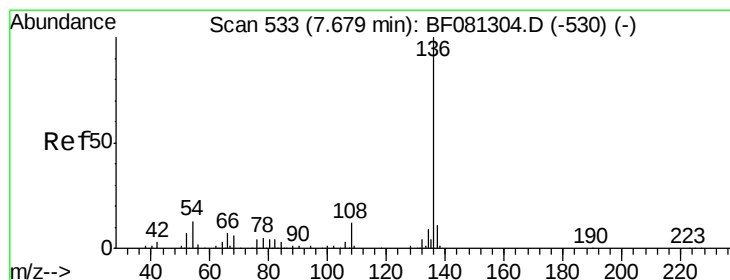
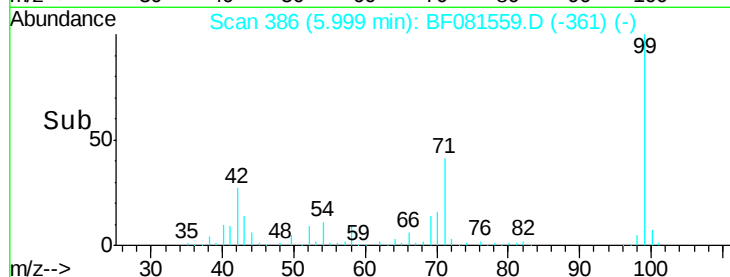
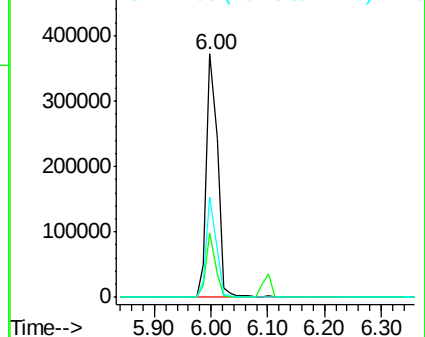
71 41.4 14.2 21.2#



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: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081559.D

Acq: 9 Sep 2015 18:38

Tgt Ion: 136 Resp: 211117

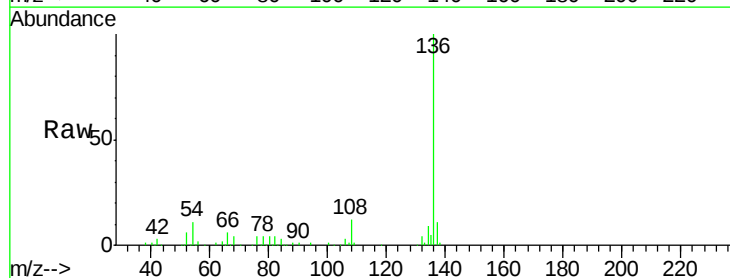
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 10.9 8.2 12.2

68 4.5 5.8 8.6#

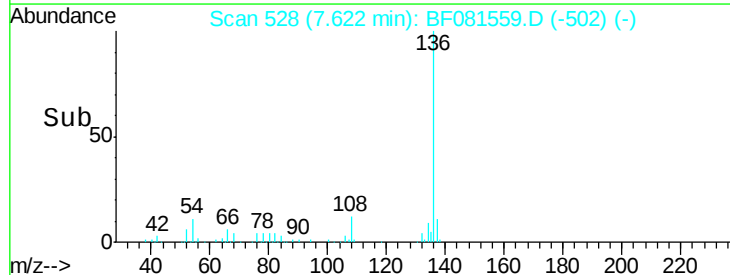
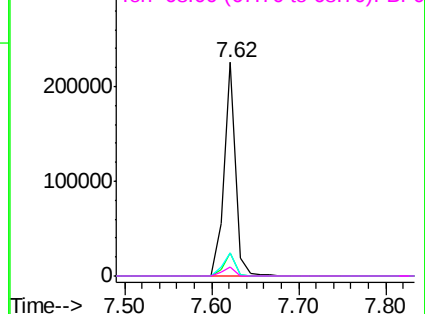


Abundance Ion 136.00 (135.70 to 136.70): E

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

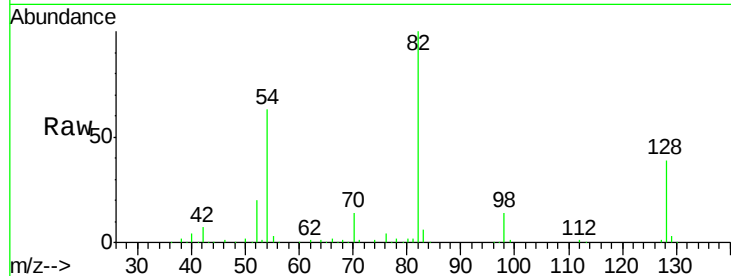




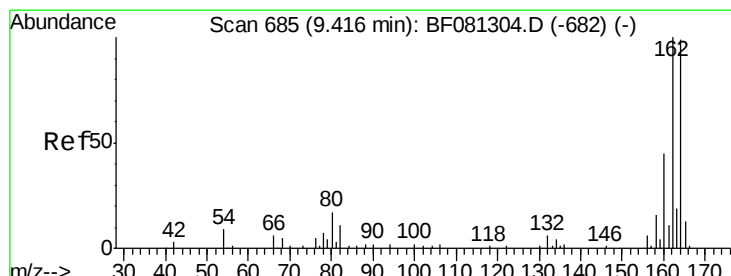
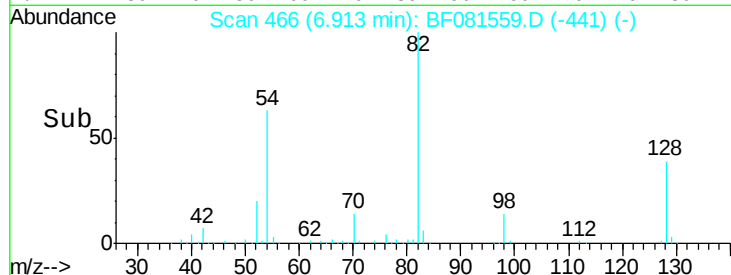
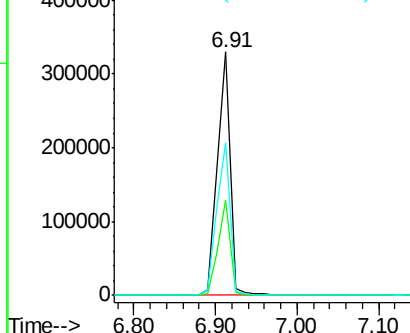
#23
 Nitrobenzene-d5
 Concen: 82.19 ng
 RT: 6.91 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BL

Tgt Ion: 82 Resp: 359646
 Ion Ratio Lower Upper
 82 100
 128 39.3 51.0 76.6#
 54 62.5 47.5 71.3

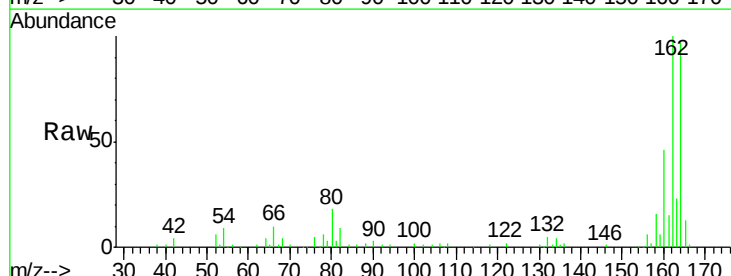


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

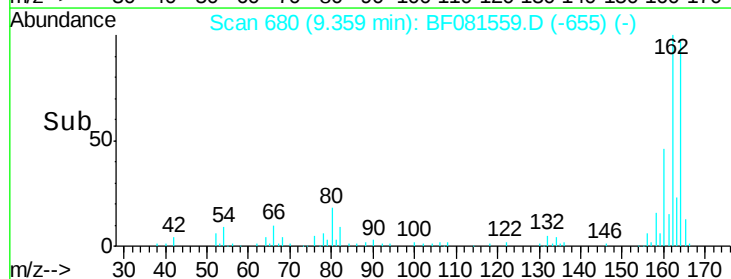
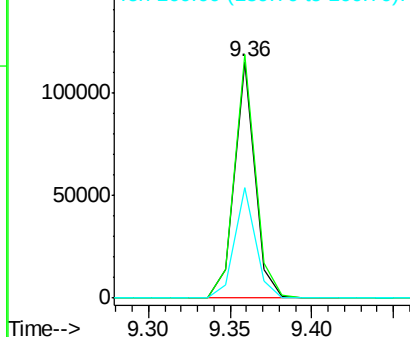


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

Tgt Ion: 164 Resp: 98700
 Ion Ratio Lower Upper
 164 100
 162 103.0 75.2 112.8
 160 47.0 31.5 47.3



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

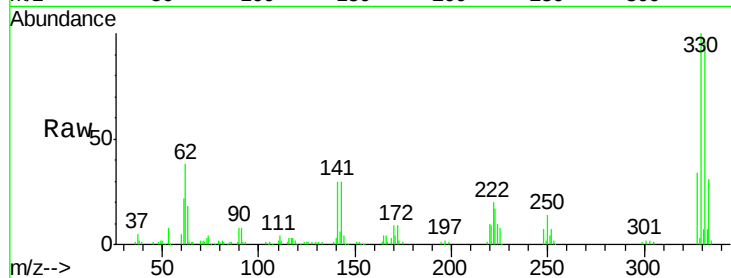




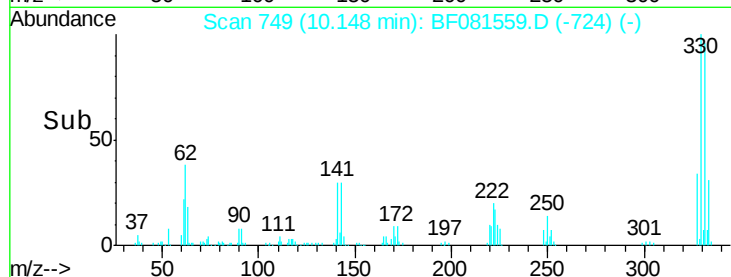
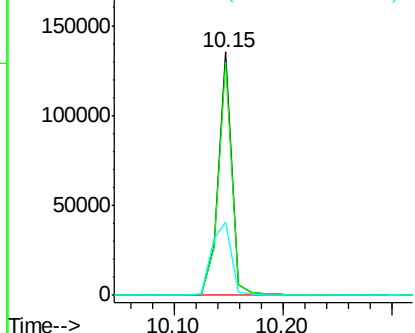
#41
 2,4,6-Tribromophenol
 Concen: 134.78 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BL

Tgt Ion:330 Resp: 118448
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 43.8 29.7 44.5

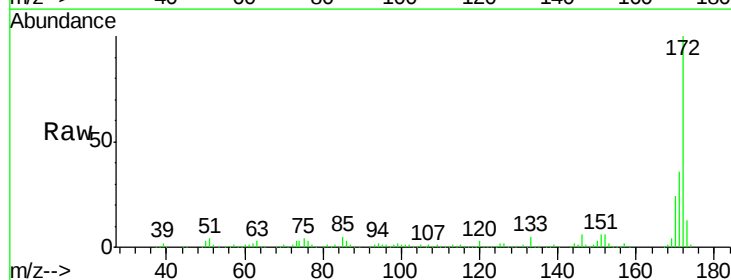


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

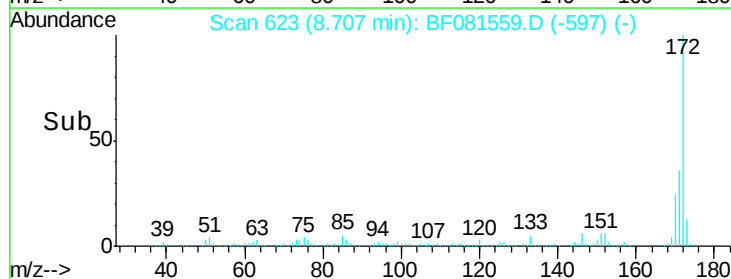
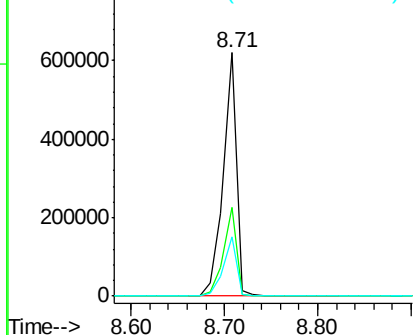


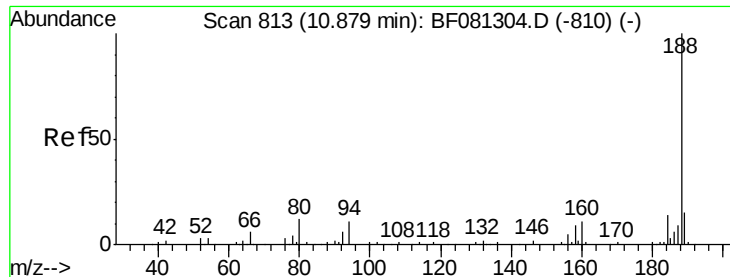
#44
 2-Fluorobiphenyl
 Concen: 78.90 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

Tgt Ion:172 Resp: 607700
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.2 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

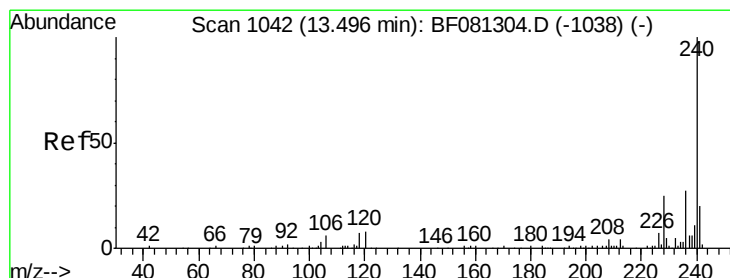
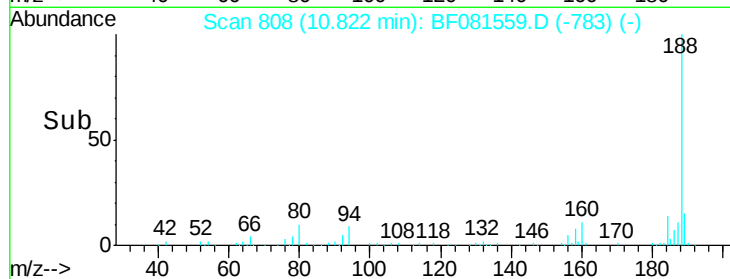
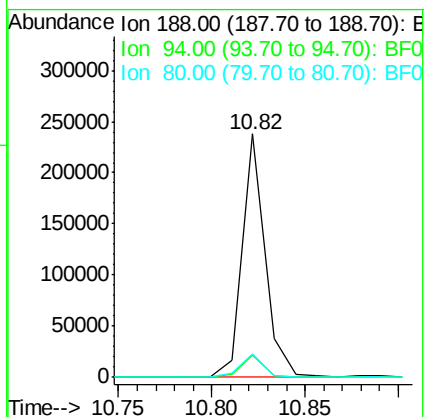
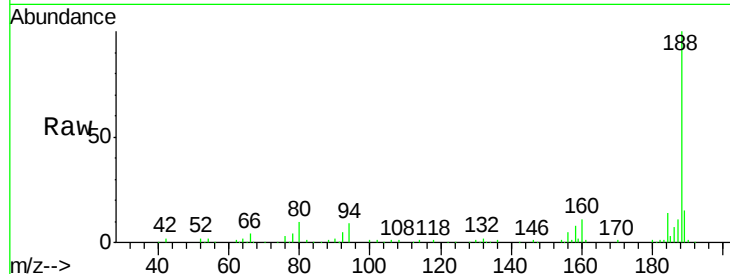




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

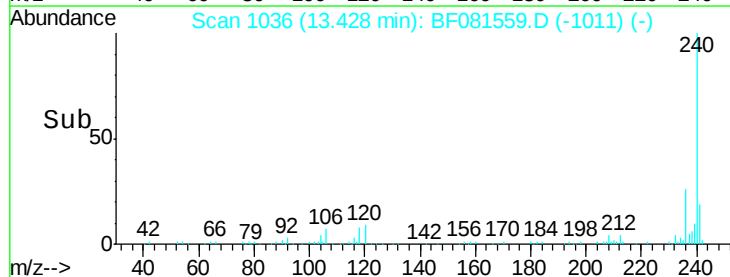
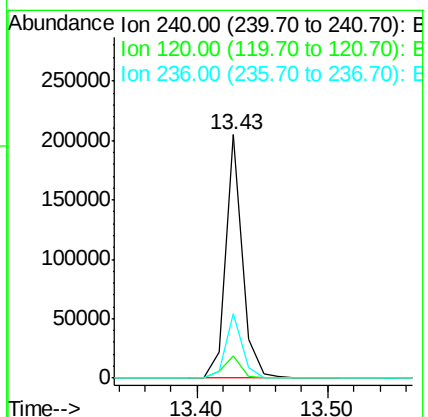
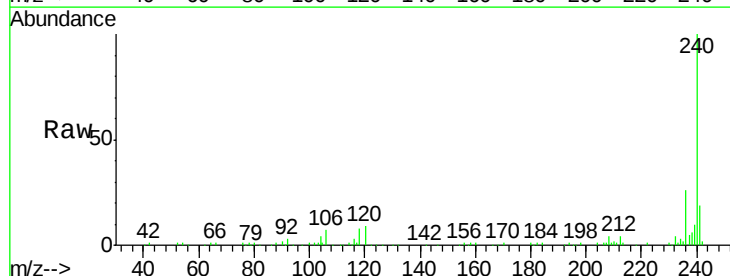
Instrument :
 BNA_F
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 PB85410BL

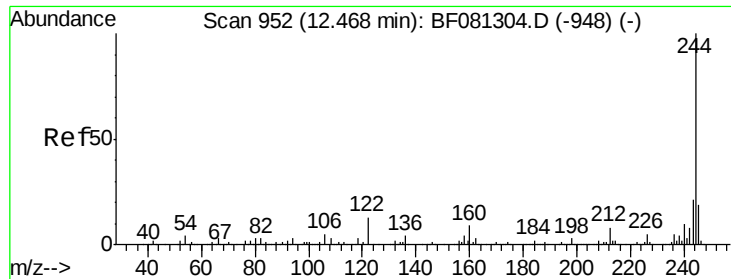
Tgt Ion:188 Resp: 204145
 Ion Ratio Lower Upper
 188 100
 94 9.3 11.1 16.7#
 80 9.8 11.0 16.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

Tgt Ion:240 Resp: 181229
 Ion Ratio Lower Upper
 240 100
 120 9.0 16.2 24.2#
 236 26.4 18.4 27.6

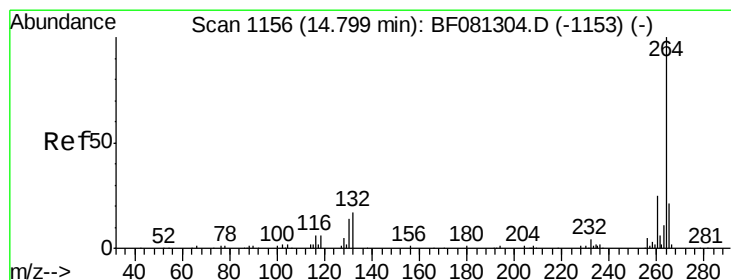
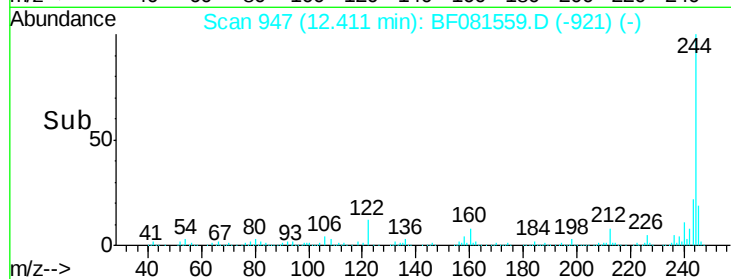
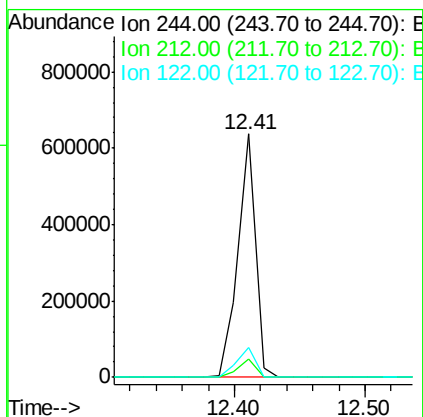
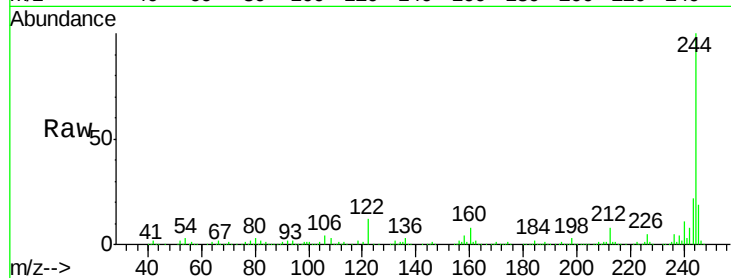




#78
 Terphenyl-d14
 Concen: 76.21 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BL

Tgt Ion:244 Resp: 593288
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 12.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

Tgt Ion:264 Resp: 137284
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.7 17.2 25.8

