

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
 Data File : BF081556.D
 Acq On : 9 Sep 2015 16:01
 Operator : UM/IZ
 Sample : PB85464BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85464BL

Quant Time: Sep 10 04:48:13 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	55462	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	226715	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	102843	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	211728	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	193643	20.00	ng	-0.01
86) Perylene-d12	14.73	264	147772	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	233377	65.29	ng	0.01
7) Phenol-d6	6.00	99	301993	63.82	ng	-0.01
23) Nitrobenzene-d5	6.91	82	331938	70.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	74542	81.40	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	568171	70.80	ng	0.00
78) Terphenyl-d14	12.41	244	523563	62.94	ng	0.00

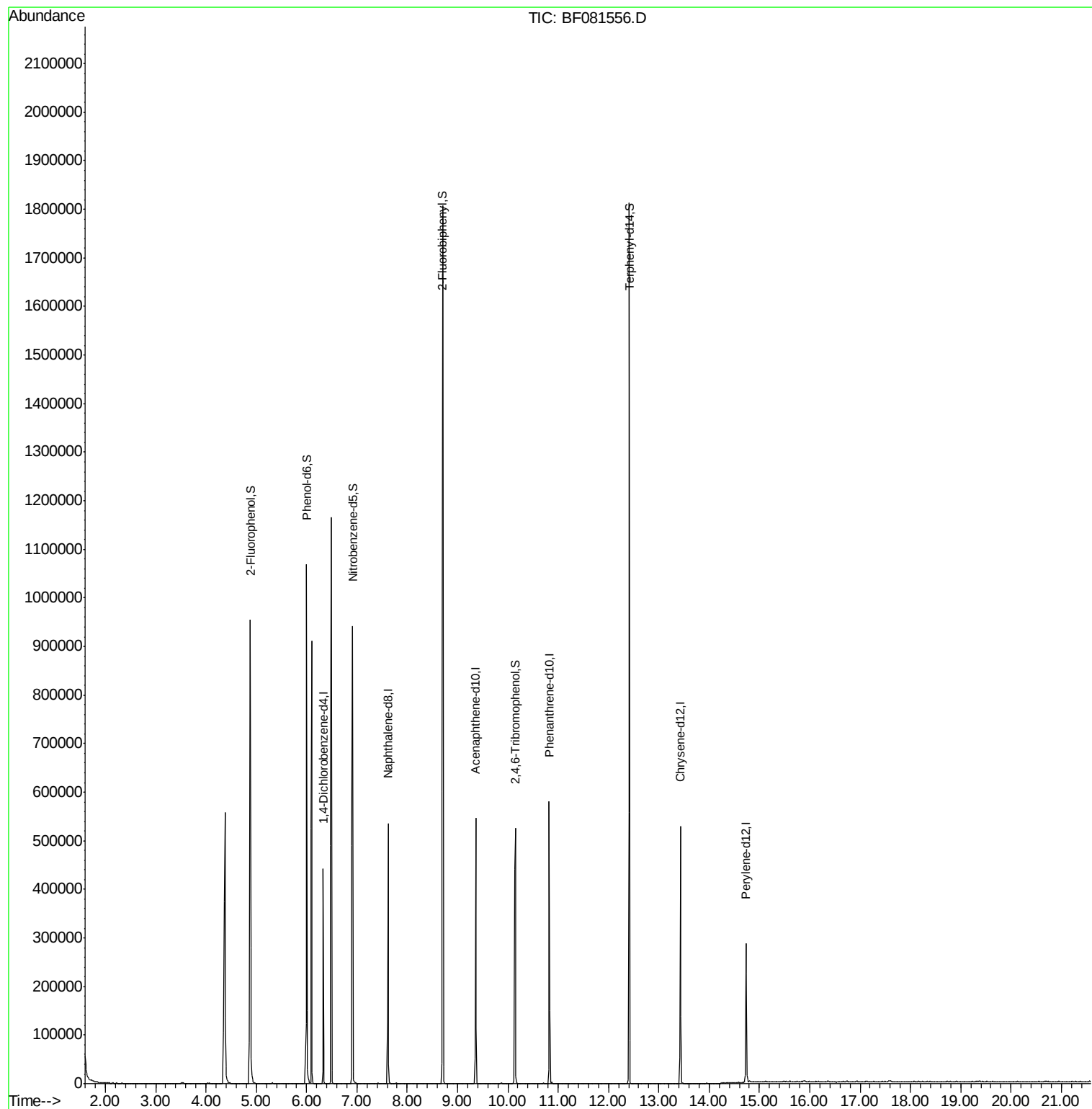
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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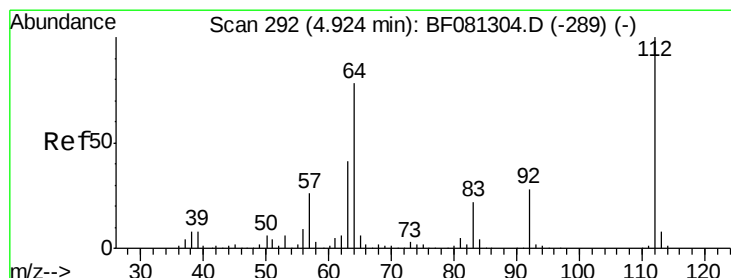
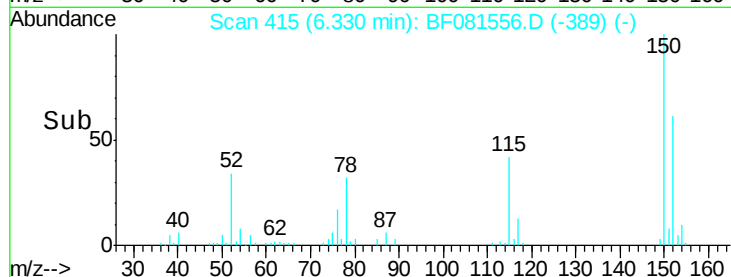
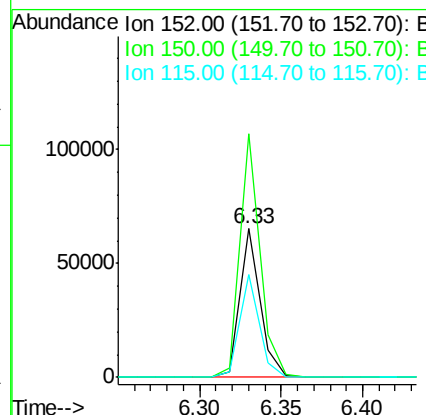
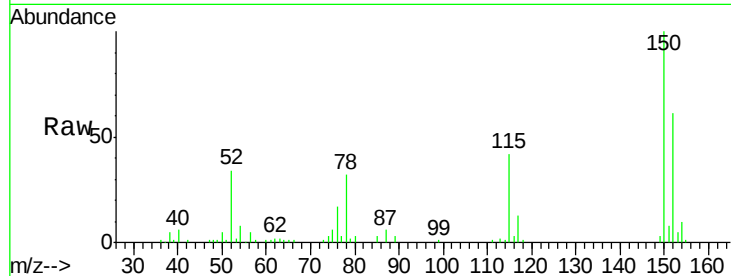




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.33 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF081556.D
 Acq: 9 Sep 2015 16:01

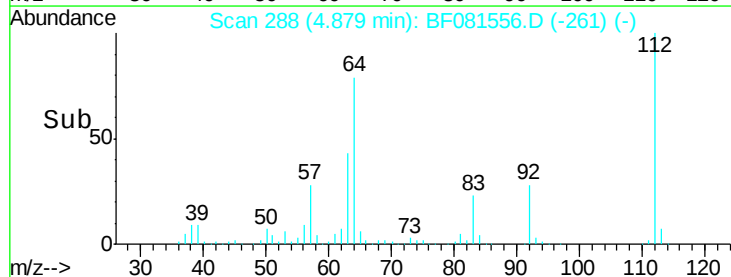
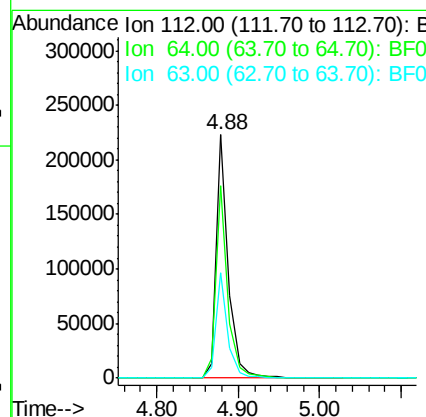
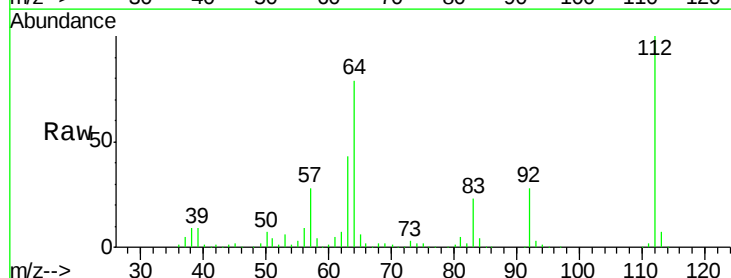
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BL

Tgt Ion:152 Resp: 55462
 Ion Ratio Lower Upper
 152 100
 150 163.8 124.7 187.1
 115 68.9 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 65.29 ng
 RT: 4.88 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: BF081556.D
 Acq: 9 Sep 2015 16:01

Tgt Ion:112 Resp: 233377
 Ion Ratio Lower Upper
 112 100
 64 79.2 39.7 59.5#
 63 43.3 17.4 26.0#





#7

Phenol-d6

Concen: 63.82 ng

RT: 6.00 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081556.D

Acq: 9 Sep 2015 16:01

Instrument :

BNA_F

ClientSampled :

PB85464BL

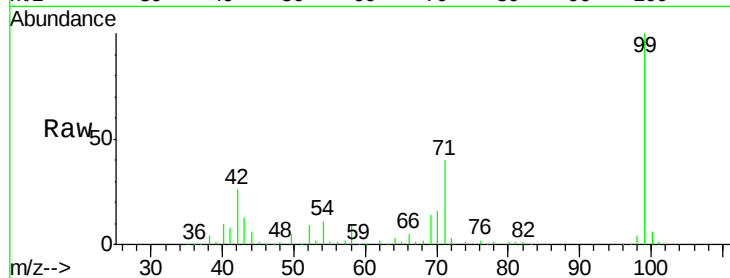
Tgt Ion: 99 Resp: 301993

Ion Ratio Lower Upper

99 100

42 25.5 13.7 20.5#

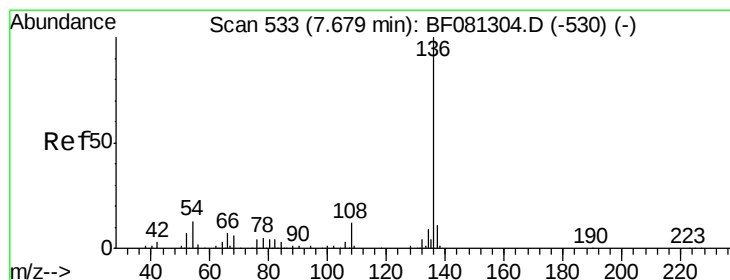
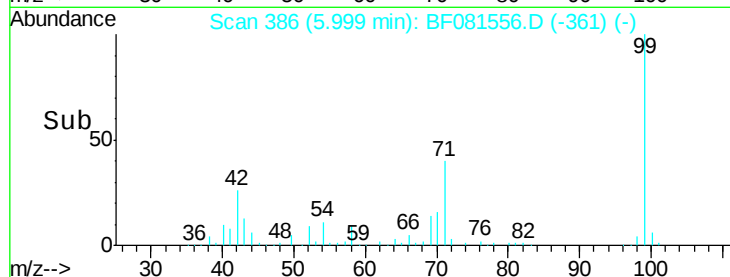
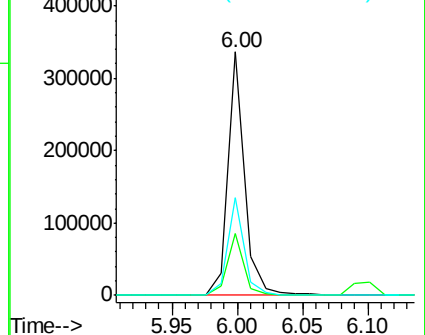
71 40.2 14.2 21.2#



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: BF081556.D

Acq: 9 Sep 2015 16:01

Tgt Ion: 136 Resp: 226715

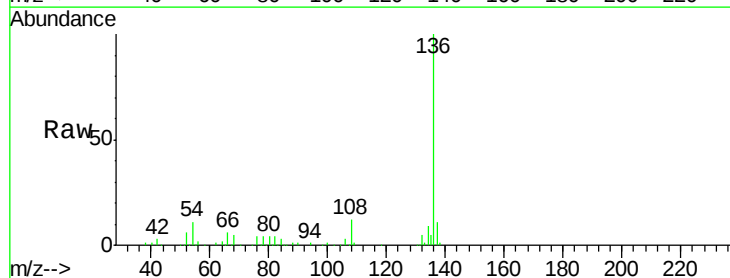
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 11.0 8.2 12.2

68 4.9 5.8 8.6#

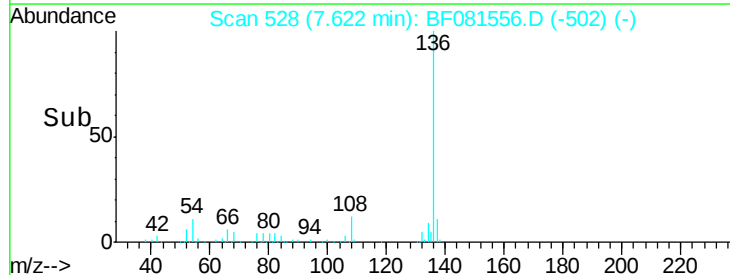
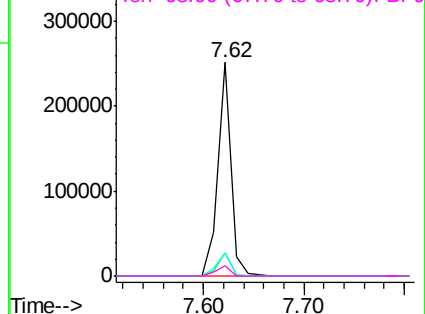


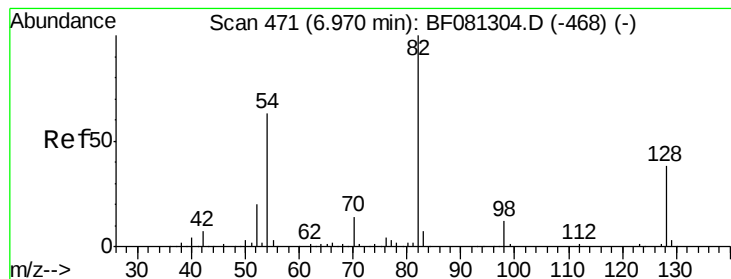
Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.64 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF081556.D

Acq: 9 Sep 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB85464BL

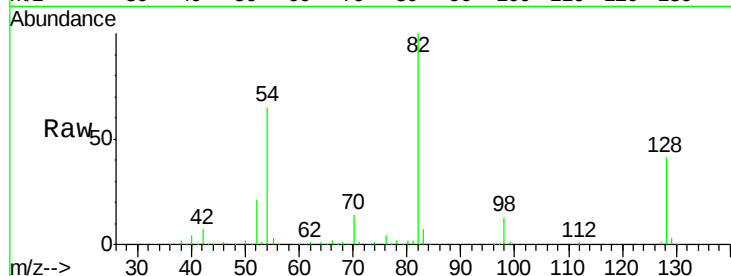
Tgt Ion: 82 Resp: 331938

Ion Ratio Lower Upper

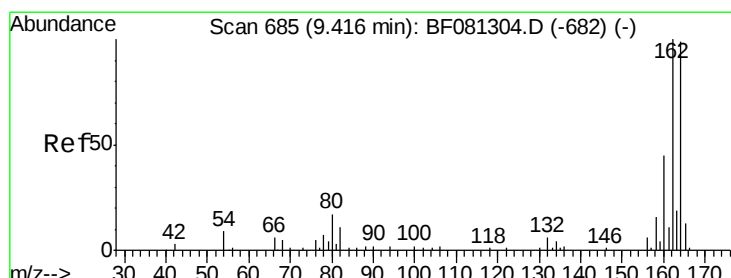
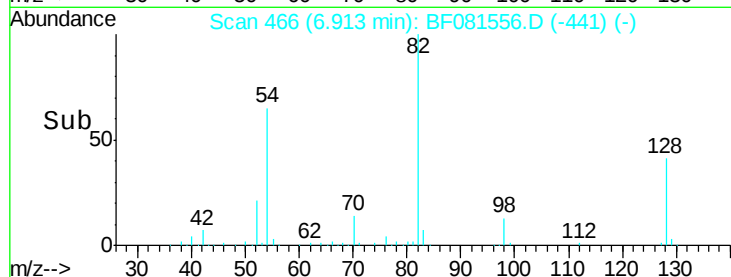
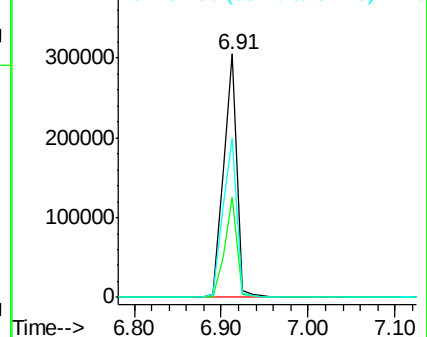
82 100

128 41.1 51.0 76.6#

54 65.3 47.5 71.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081556.D

Acq: 9 Sep 2015 16:01

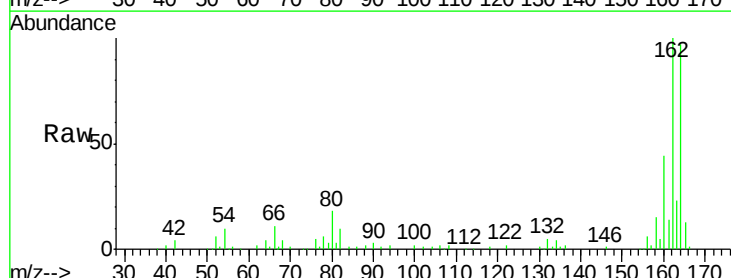
Tgt Ion: 164 Resp: 102843

Ion Ratio Lower Upper

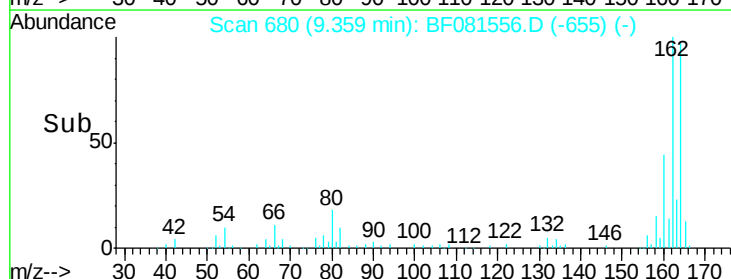
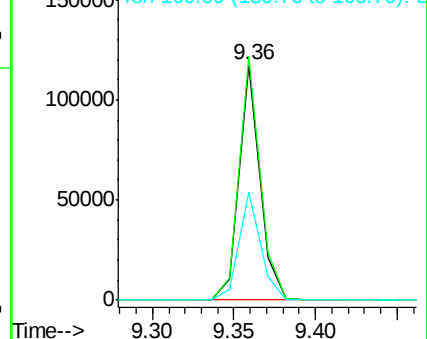
164 100

162 103.6 75.2 112.8

160 45.8 31.5 47.3



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

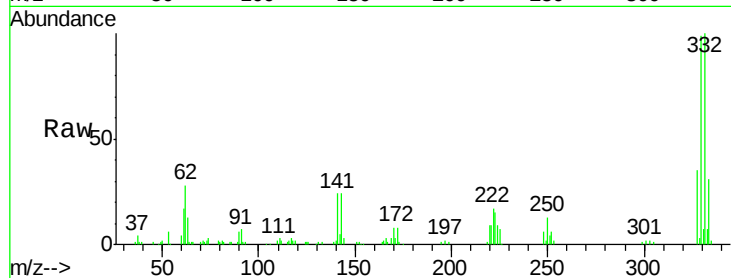




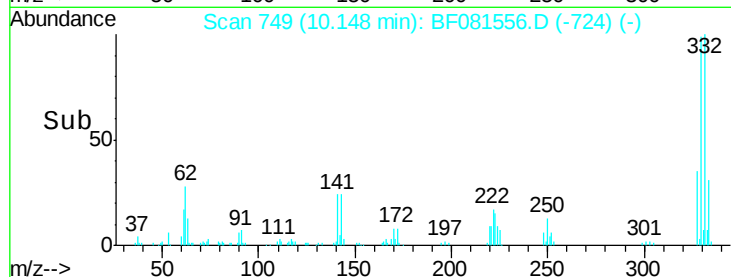
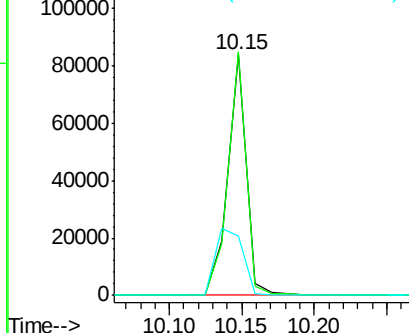
#41
 2,4,6-Tribromophenol
 Concen: 81.40 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF081556.D
 Acq: 9 Sep 2015 16:01

Instrument :
 BNA_F
 ClientSampled :
 PB85464BL

Tgt Ion:330 Resp: 74542
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.6 114.8
 141 41.3 29.7 44.5

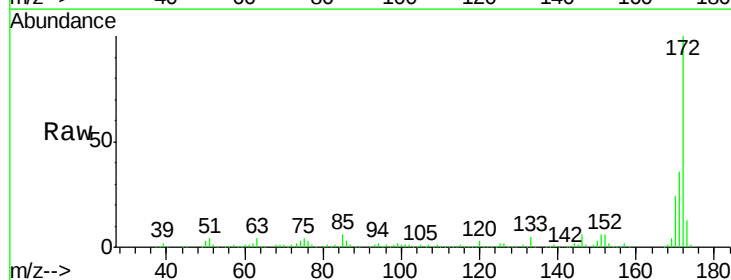


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

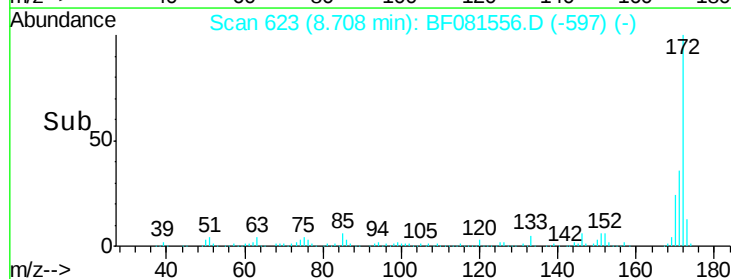
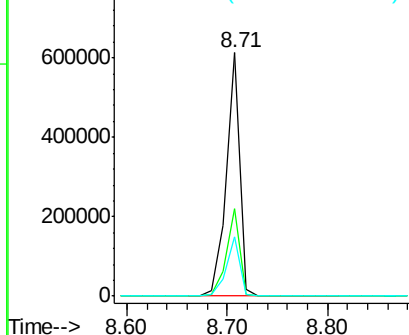


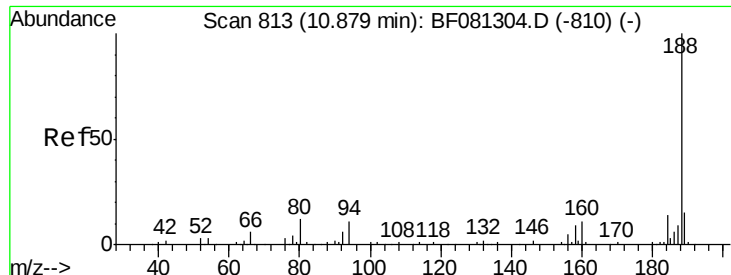
#44
 2-Fluorobiphenyl
 Concen: 70.80 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081556.D
 Acq: 9 Sep 2015 16:01

Tgt Ion:172 Resp: 568171
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

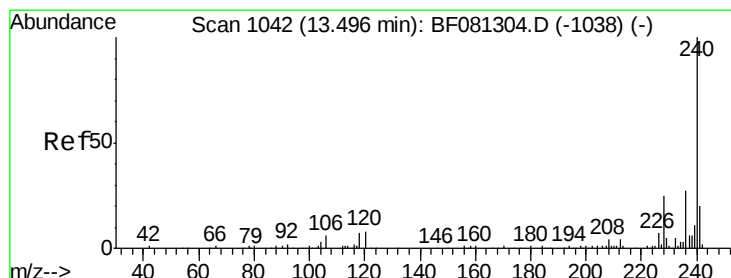
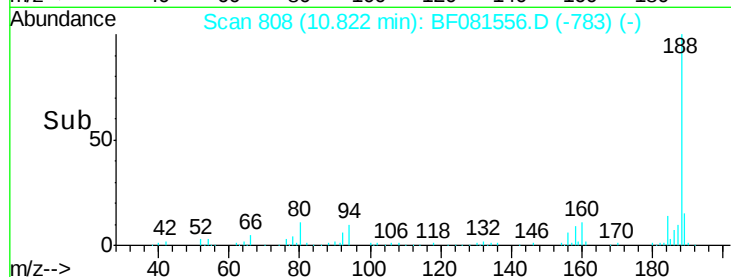
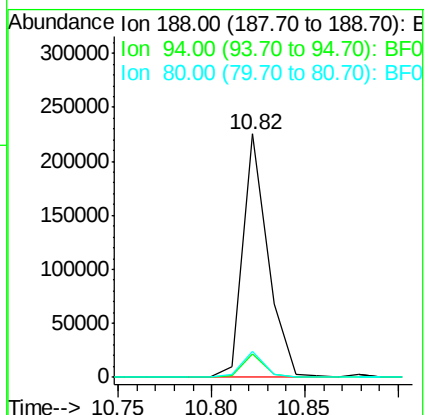
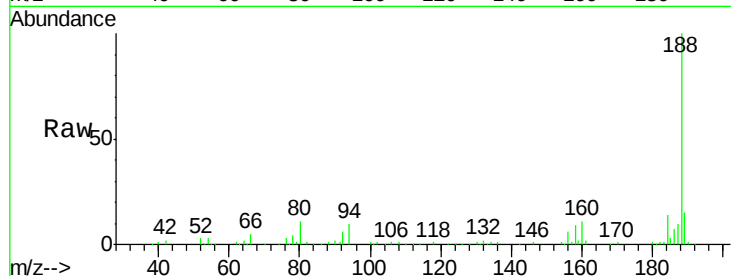




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF081556.D
Acq: 9 Sep 2015 16:01

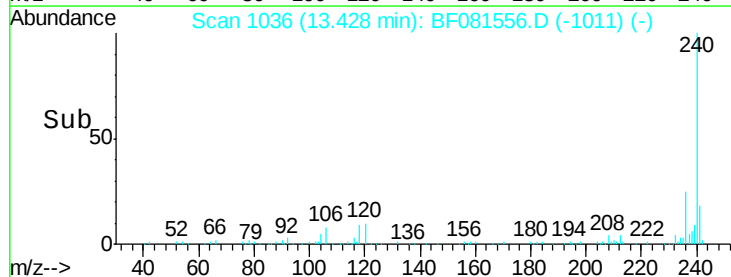
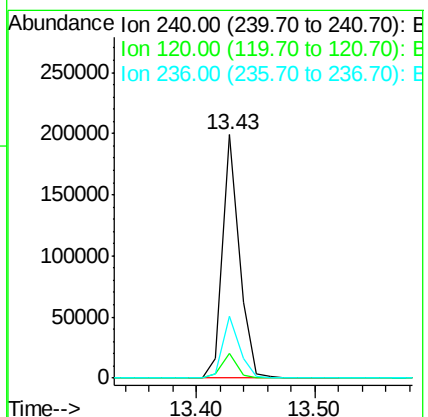
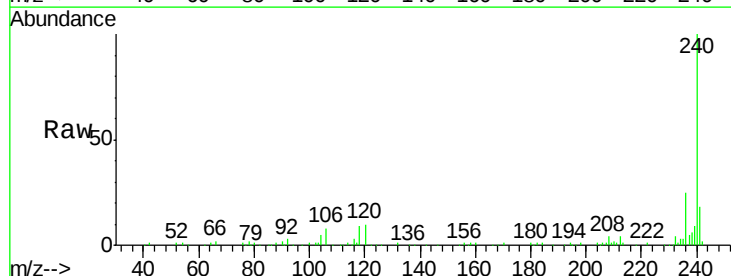
Instrument :
BNA_F
ClientSampleId :
PB85464BL

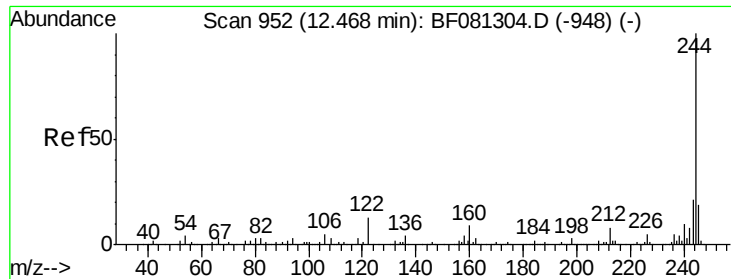
Tgt Ion:188 Resp: 211728
Ion Ratio Lower Upper
188 100
94 9.9 11.1 16.7#
80 10.9 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF081556.D
Acq: 9 Sep 2015 16:01

Tgt Ion:240 Resp: 193643
Ion Ratio Lower Upper
240 100
120 10.4 16.2 24.2#
236 25.4 18.4 27.6

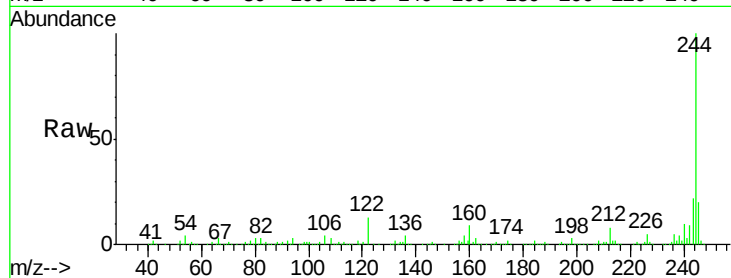




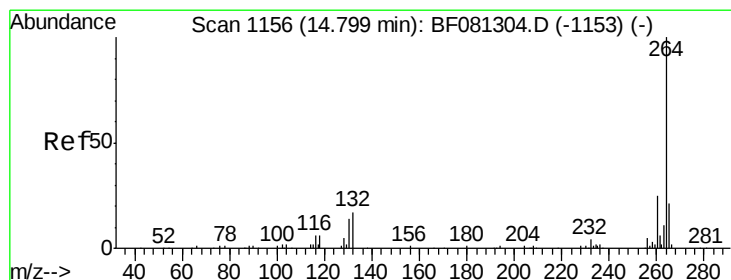
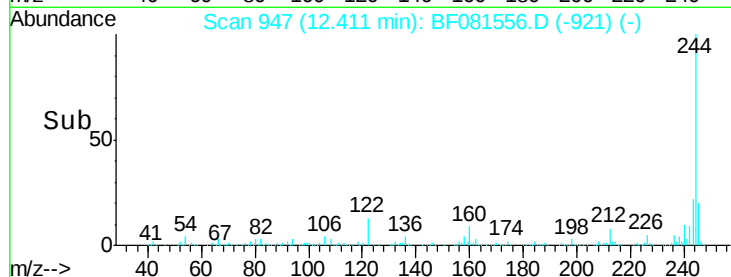
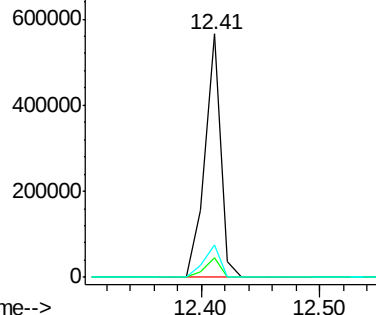
#78
 Terphenyl-d14
 Concen: 62.94 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF081556.D
 Acq: 9 Sep 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB85464BL

Tgt Ion:244 Resp: 523563
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 13.1 17.4 26.2#

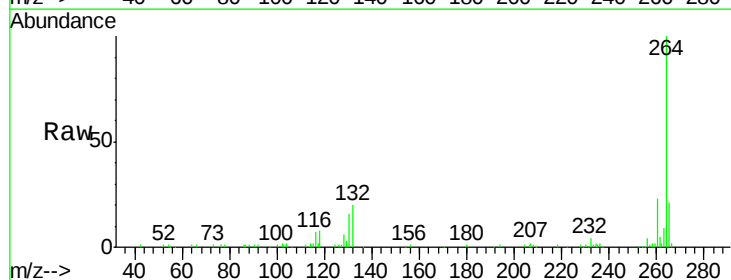


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF081556.D
 Acq: 9 Sep 2015 16:01

Tgt Ion:264 Resp: 147772
 Ion Ratio Lower Upper
 264 100
 260 22.9 16.7 25.1
 265 20.9 17.2 25.8



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

