

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
 Data File : BF081219.D
 Acq On : 26 Aug 2015 18:43
 Operator : UM/IZ
 Sample : PB85190TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85190TB

Quant Time: Aug 27 01:05:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	45059	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	168043	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	80936	20.00	ng	-0.04
63) Phenanthrene-d10	11.01	188	153558	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	143077	20.00	ng	-0.04
86) Perylene-d12	14.95	264	107334	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	315513	105.32	ng	-0.01
7) Phenol-d6	6.17	99	434683	111.21	ng	-0.02
23) Nitrobenzene-d5	7.09	82	271585	73.83	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	72658	103.56	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	403346	65.30	ng	-0.02
78) Terphenyl-d14	12.59	244	373300	55.93	ng	-0.04

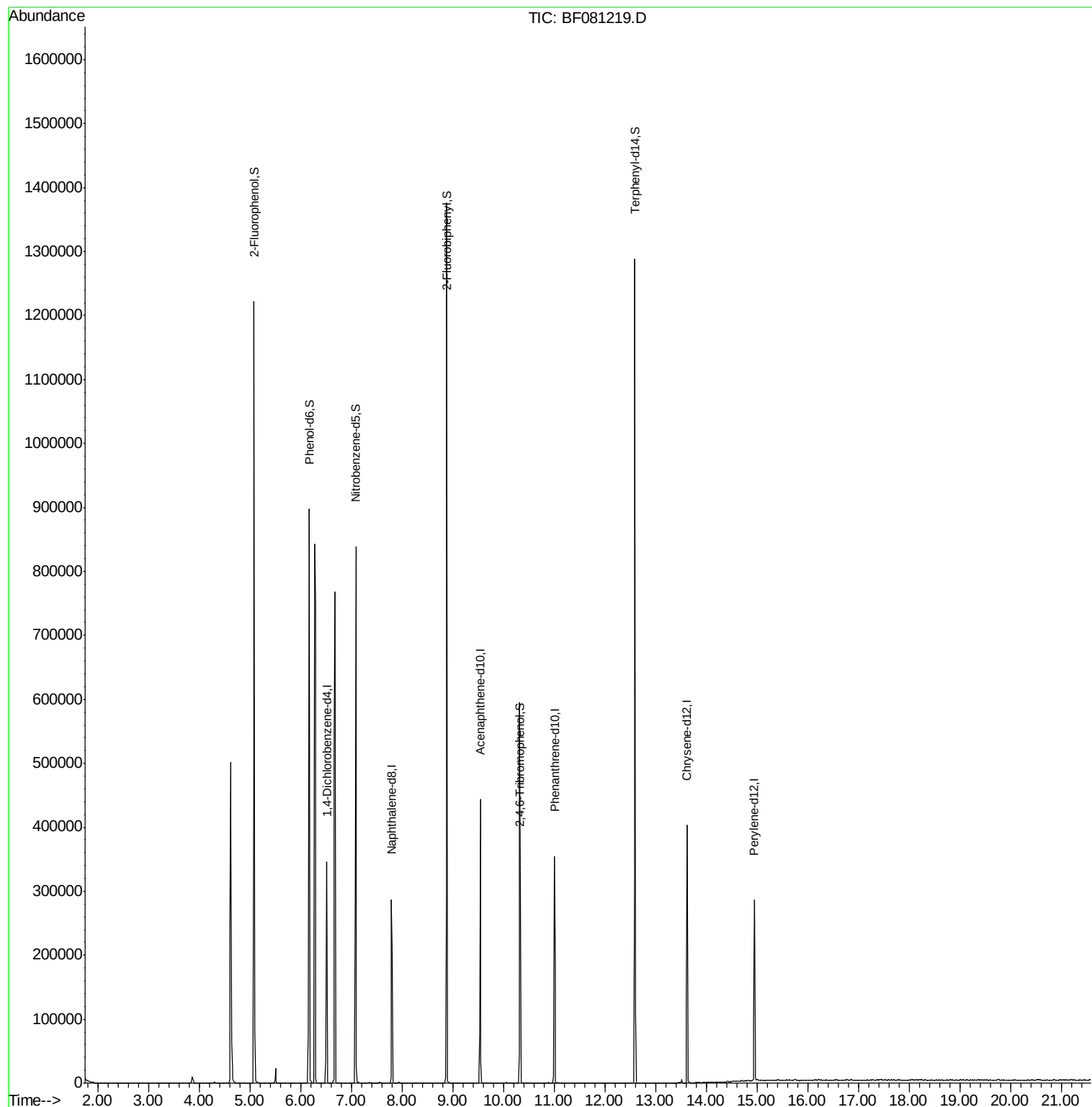
Target Compounds	Qvalue
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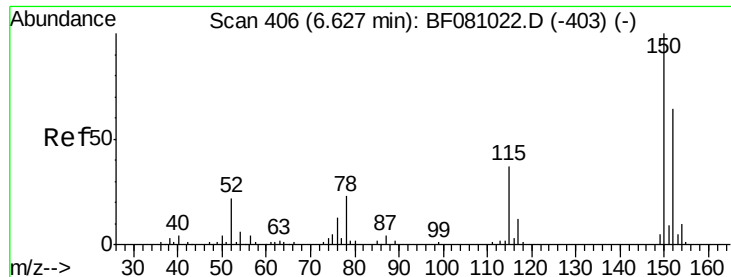
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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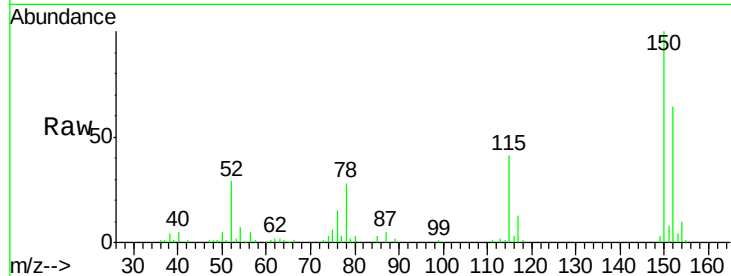


#1

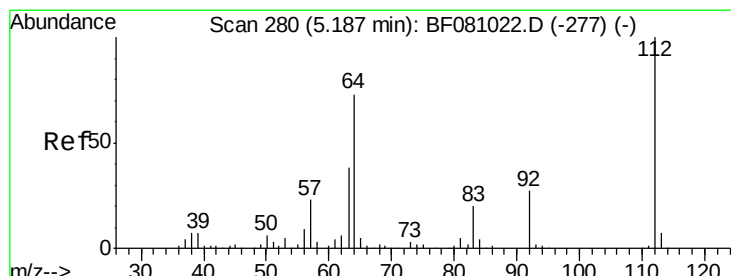
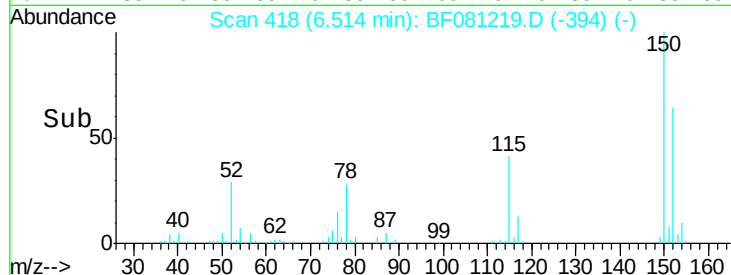
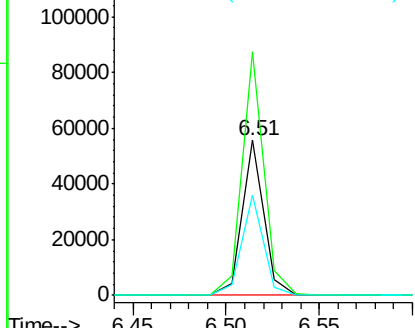
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF081219.D
 Acq: 26 Aug 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB85190TB

Tgt Ion:152 Resp: 45059
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.8 185.6
 115 64.3 52.1 78.1



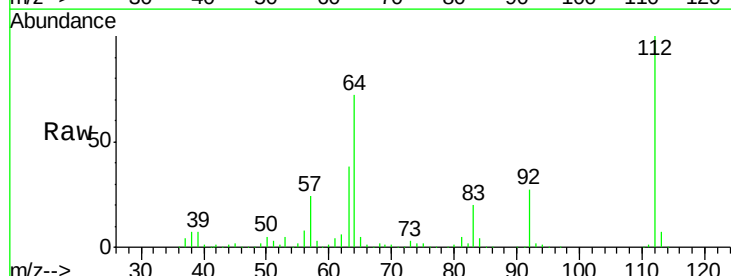
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



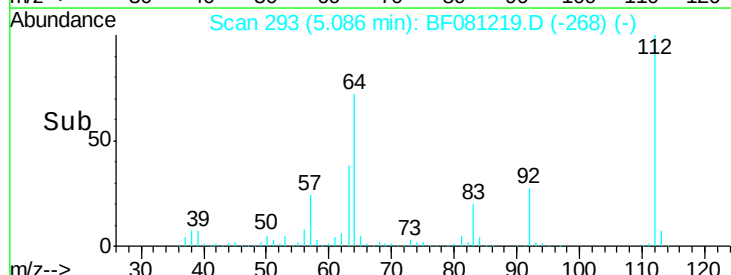
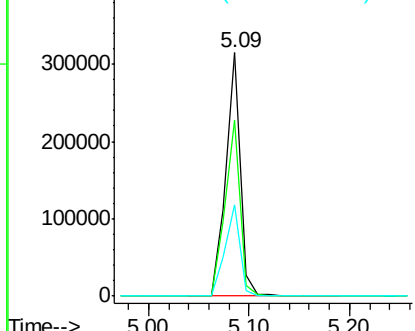
#5

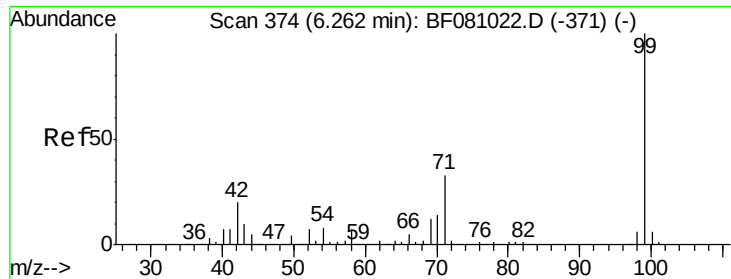
2-Fluorophenol
 Concen: 105.32 ng
 RT: 5.09 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF081219.D
 Acq: 26 Aug 2015 18:43

Tgt Ion:112 Resp: 315513
 Ion Ratio Lower Upper
 112 100
 64 72.4 66.9 100.3
 63 37.5 38.1 57.1#



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: 111.21 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PB85190TB

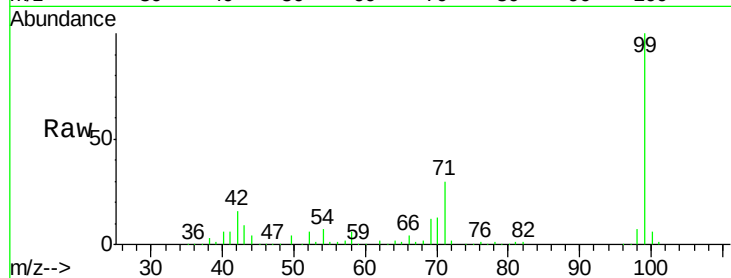
Tgt Ion: 99 Resp: 434683

Ion Ratio Lower Upper

99 100

42 16.2 19.6 29.4#

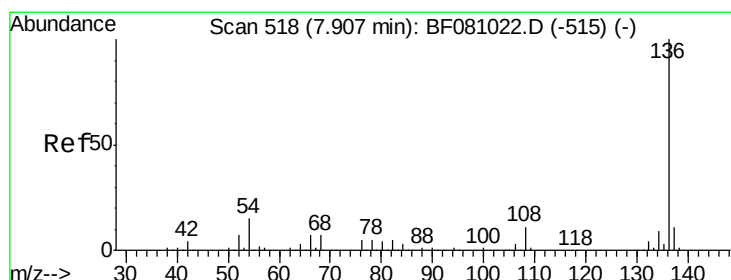
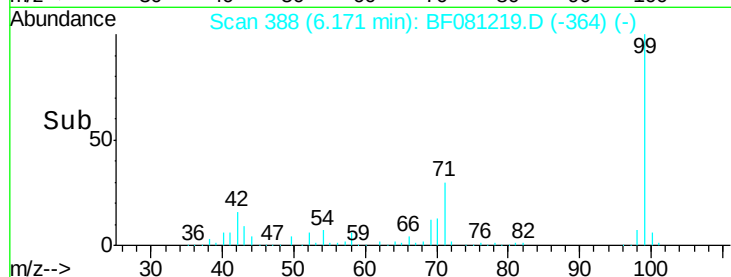
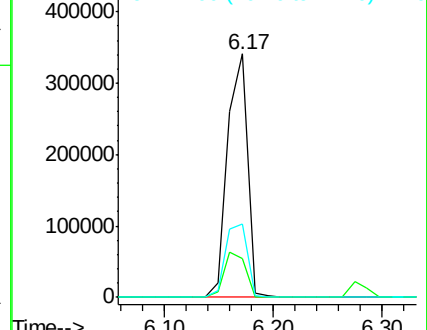
71 30.2 31.2 46.8#



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: 7.79 min Scan# 530

Delta R.T. -0.04 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

Tgt Ion: 136 Resp: 168043

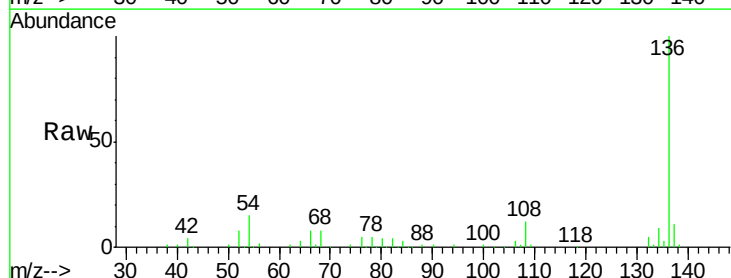
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.2

54 15.1 7.7 11.5#

68 7.8 3.4 5.2#

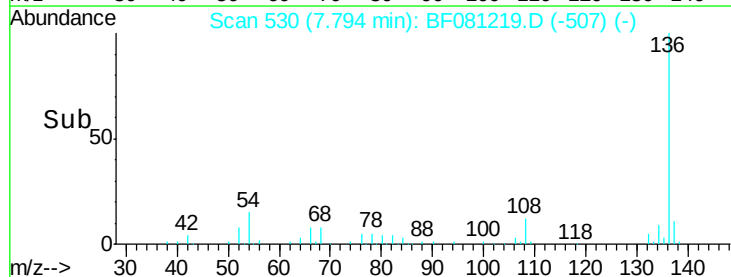
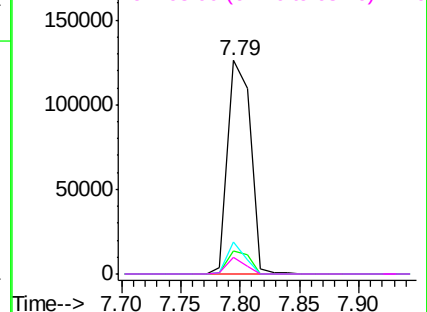


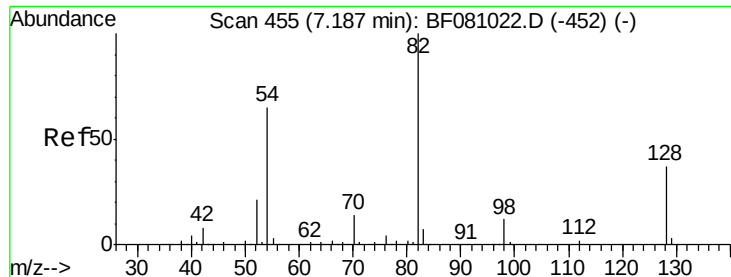
Abundance Ion 136.00 (135.70 to 136.70): E

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

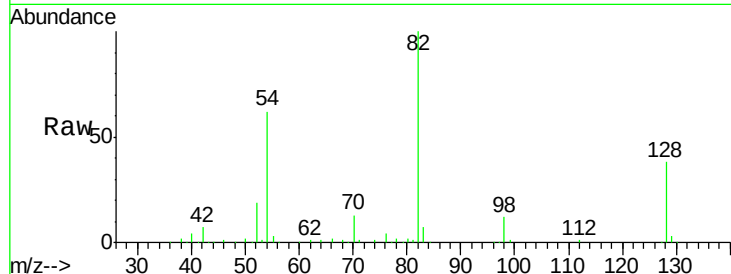




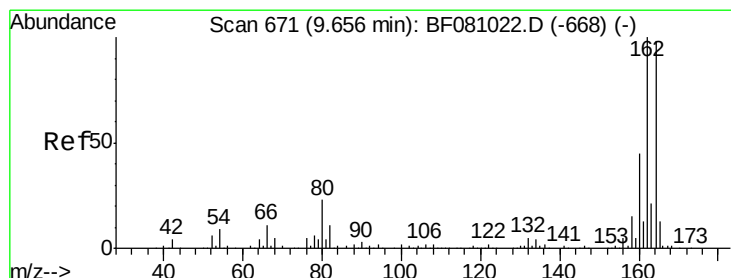
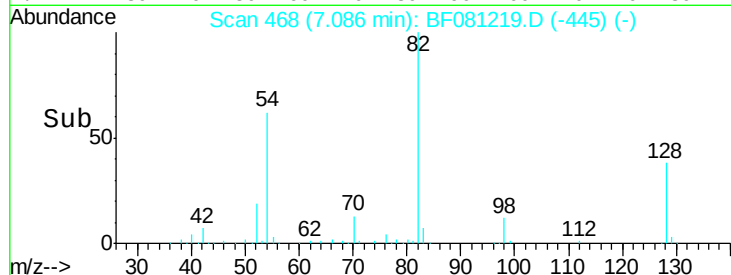
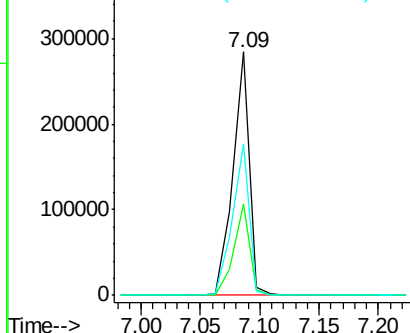
#23
 Nitrobenzene-d5
 Concen: 73.83 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.04 min
 Lab File: BF081219.D
 Acq: 26 Aug 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB85190TB

Tgt Ion: 82 Resp: 271585
 Ion Ratio Lower Upper
 82 100
 128 37.6 28.6 42.8
 54 62.1 55.1 82.7

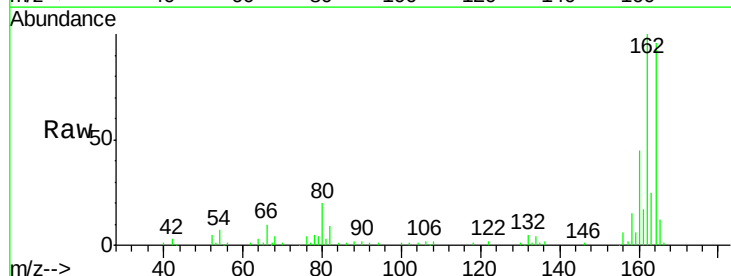


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

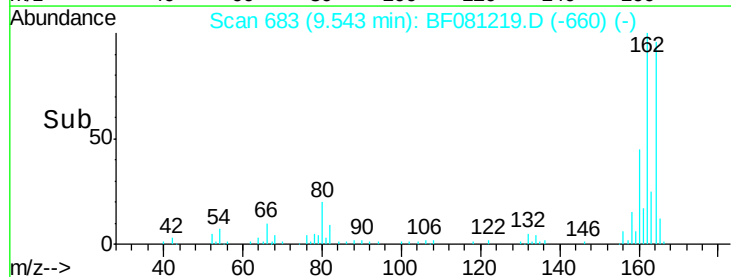
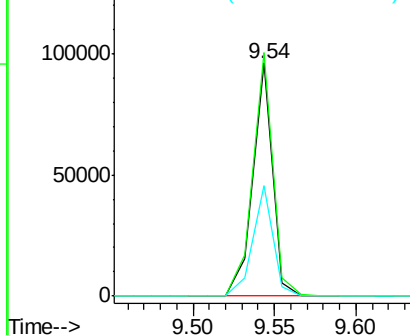


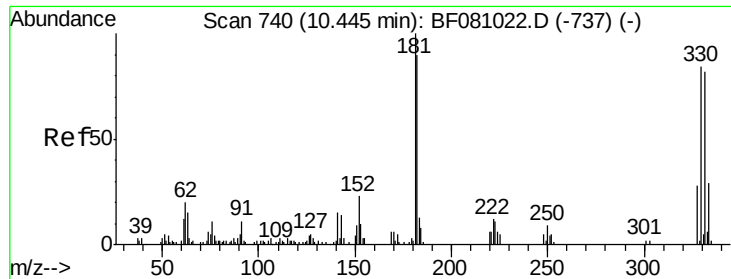
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF081219.D
 Acq: 26 Aug 2015 18:43

Tgt Ion: 164 Resp: 80936
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.8 125.8
 160 47.1 39.8 59.8



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: 103.56 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PB85190TB

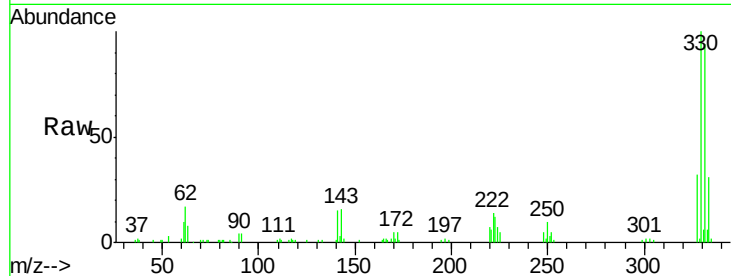
Tgt Ion:330 Resp: 72658

Ion Ratio Lower Upper

330 100

332 93.4 77.3 115.9

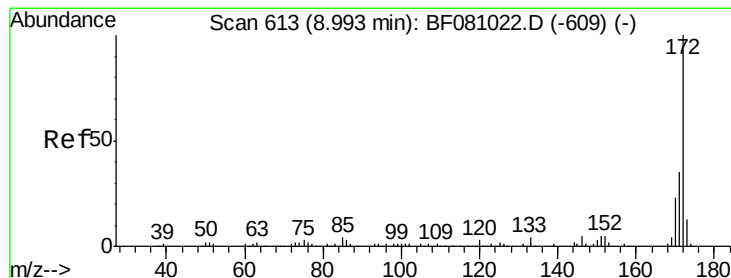
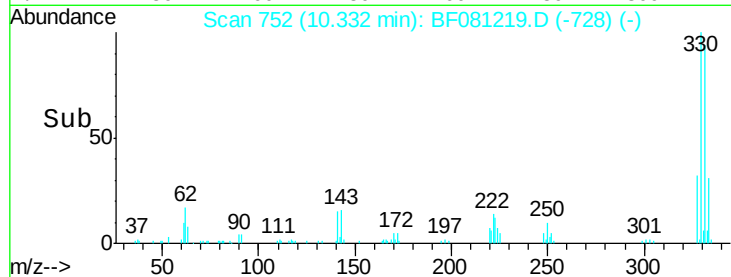
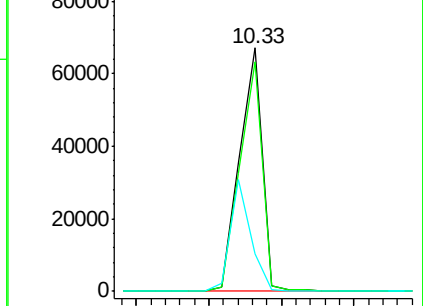
141 41.6 44.9 67.3#



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: 65.30 ng

RT: 8.88 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

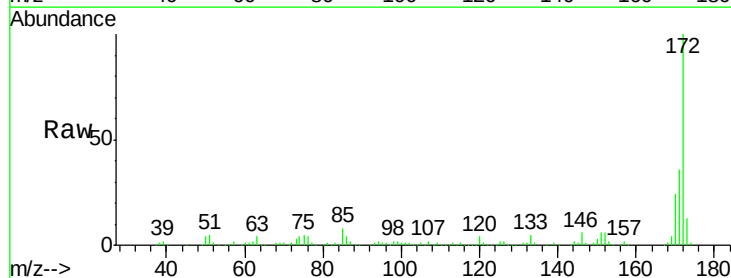
Tgt Ion:172 Resp: 403346

Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

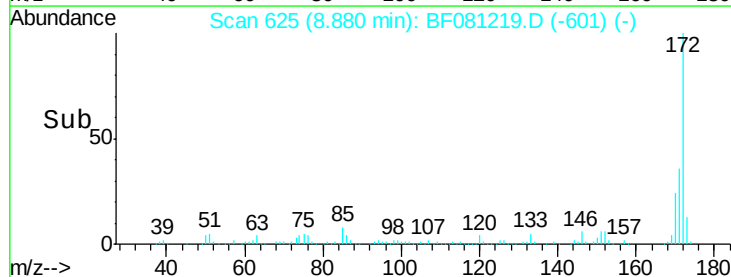
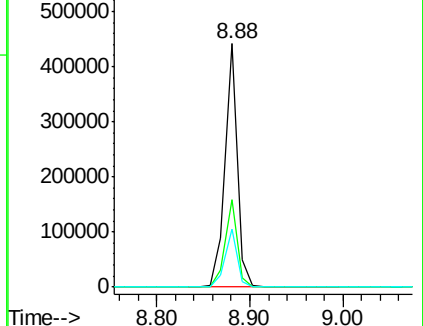
170 23.9 19.4 29.2

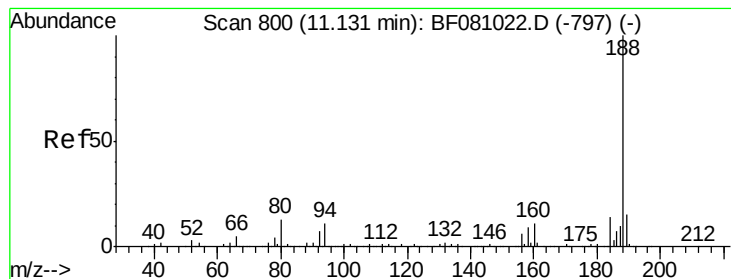


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.01 min Scan# 811

Delta R.T. -0.04 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PB85190TB

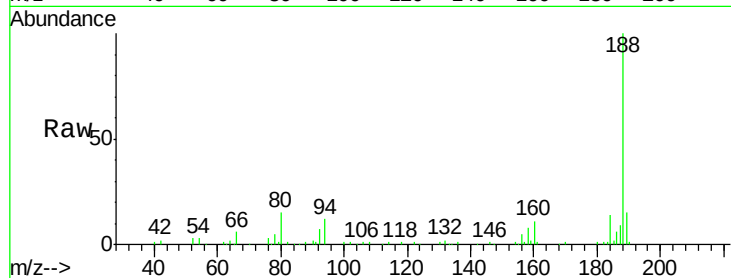
Tgt Ion:188 Resp: 153558

Ion Ratio Lower Upper

188 100

94 12.2 8.2 12.2

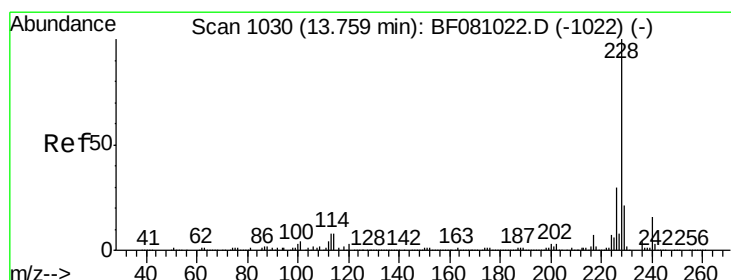
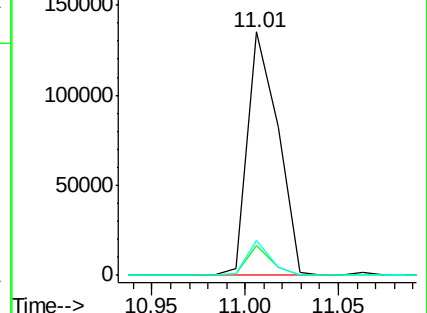
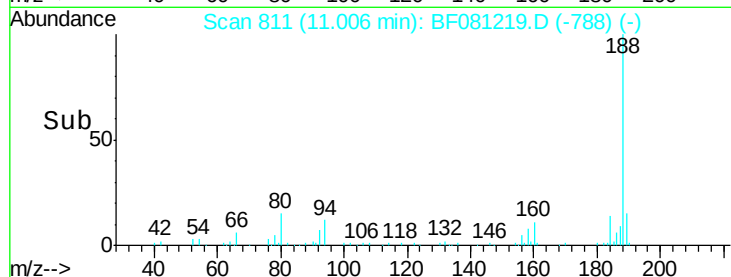
80 14.6 9.5 14.3#



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: 13.62 min Scan# 1040

Delta R.T. -0.04 min

Lab File: BF081219.D

Acq: 26 Aug 2015 18:43

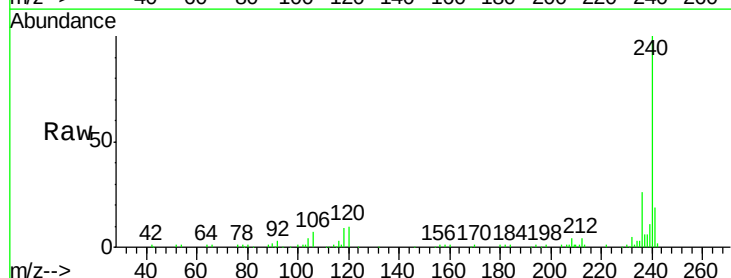
Tgt Ion:240 Resp: 143077

Ion Ratio Lower Upper

240 100

120 9.6 5.6 8.4#

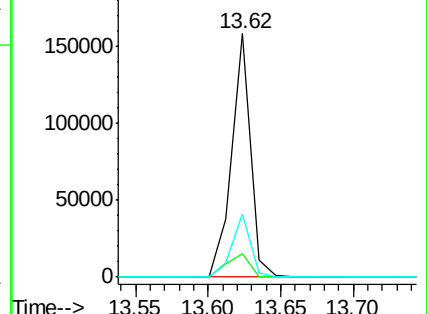
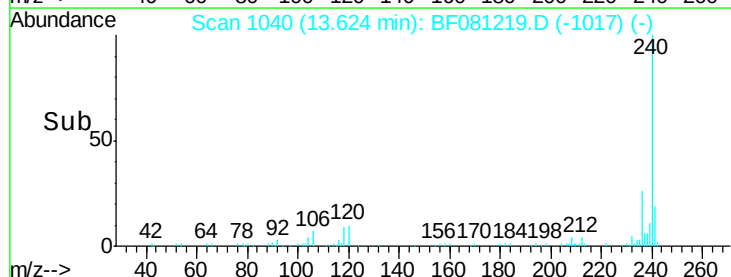
236 25.8 20.6 30.8

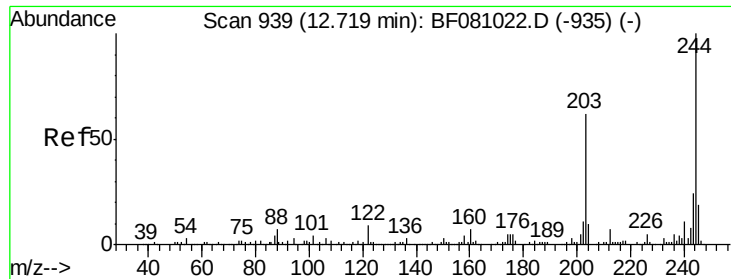


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

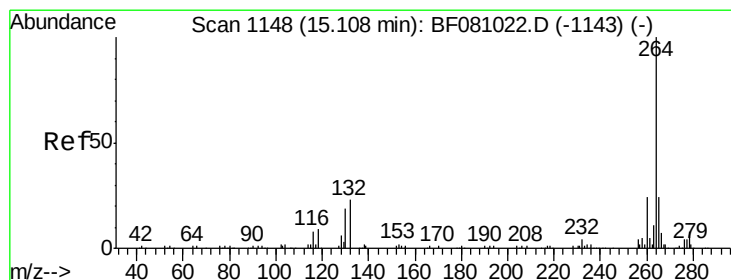
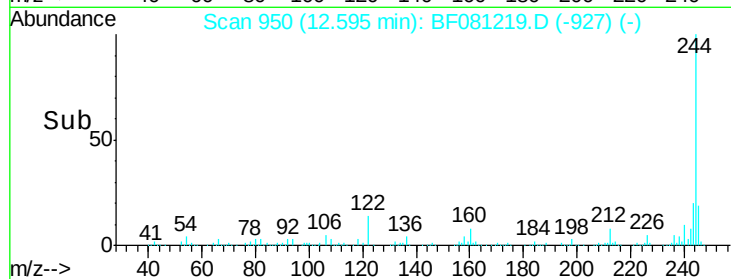
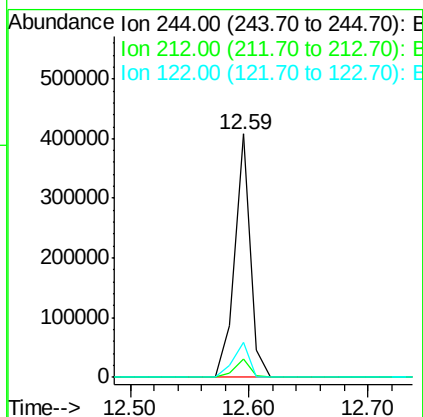
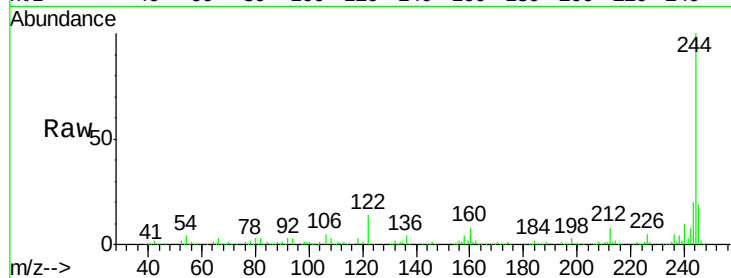




#78
 Terphenyl-d14
 Concen: 55.93 ng
 RT: 12.59 min Scan# 950
 Delta R.T. -0.04 min
 Lab File: BF081219.D
 Acq: 26 Aug 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB85190TB

Tgt Ion: 244 Resp: 373300
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 14.1 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1156
 Delta R.T. -0.04 min
 Lab File: BF081219.D
 Acq: 26 Aug 2015 18:43

Tgt Ion: 264 Resp: 107334
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.8 17.5 26.3

