

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088095.D
 Acq On : 17 Jun 2016 16:13
 Operator : UM/SJ
 Sample : PB91188TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91188TB

Quant Time: Jun 17 17:23:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108957	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	418954	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	208673	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	406173	20.00	ng	0.00
75) Chrysene-d12	13.84	240	302308	20.00	ng	-0.01
86) Perylene-d12	15.22	264	228529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	662071	103.88	ng	0.01
7) Phenol-d6	6.34	99	780681	101.07	ng	-0.01
23) Nitrobenzene-d5	7.27	82	582627	81.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	226979	103.01	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	958699	71.28	ng	-0.01
78) Terphenyl-d14	12.80	244	861848	64.87	ng	0.00

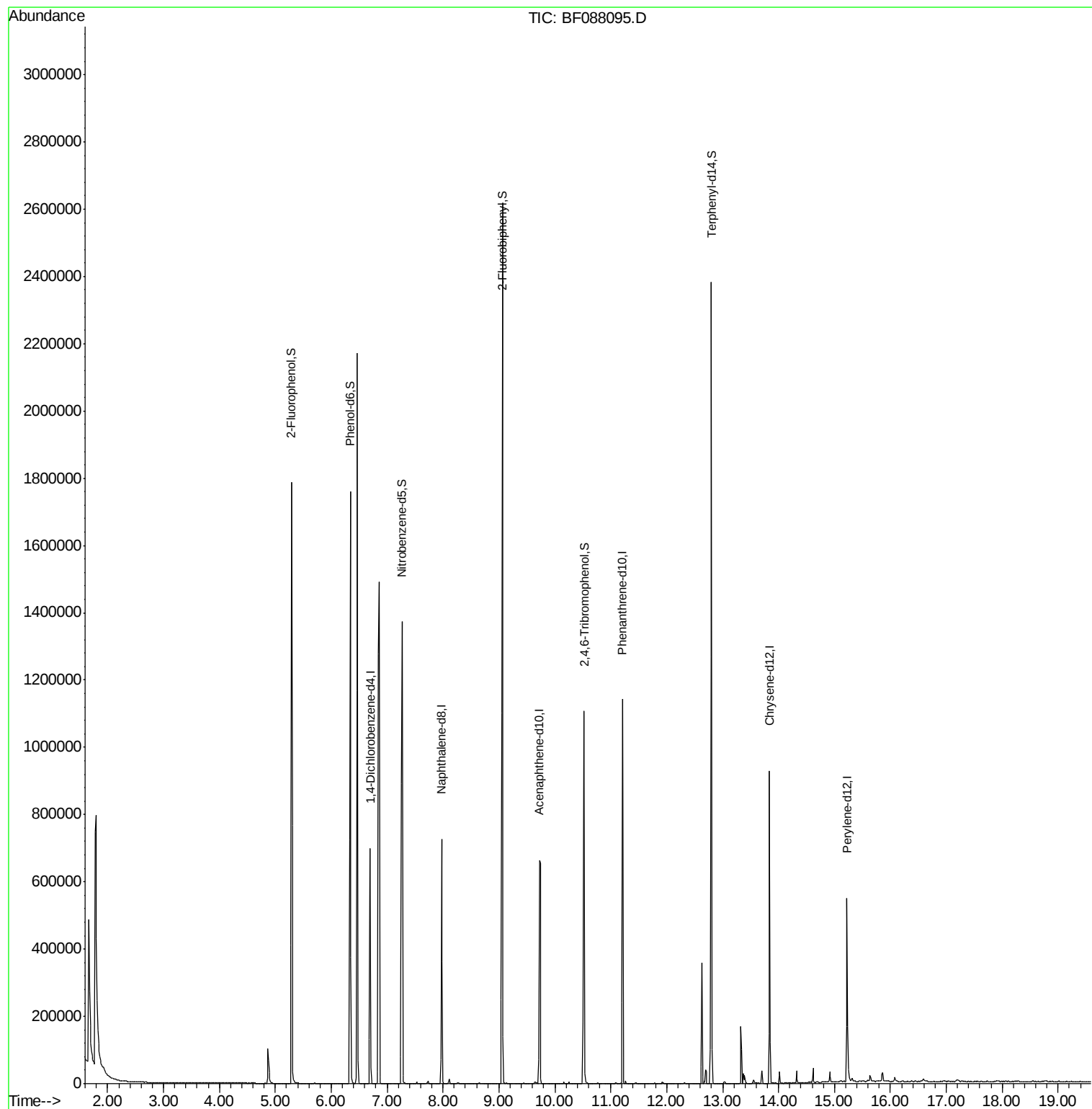
Target Compounds Qvalue

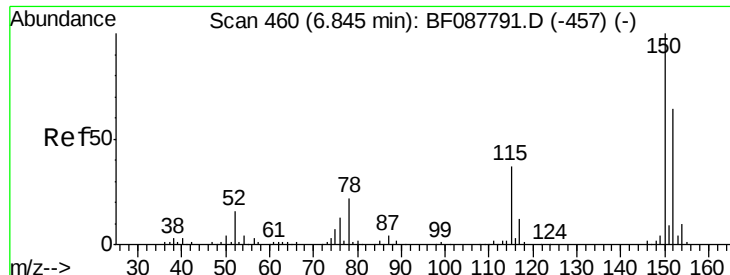
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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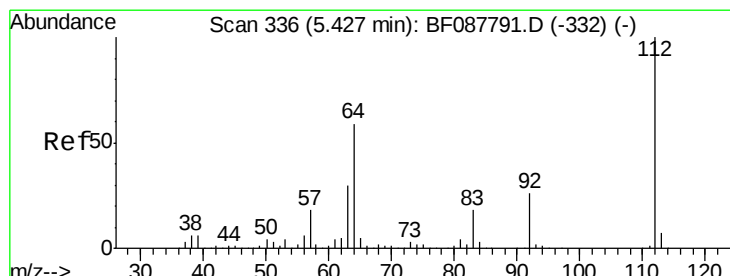
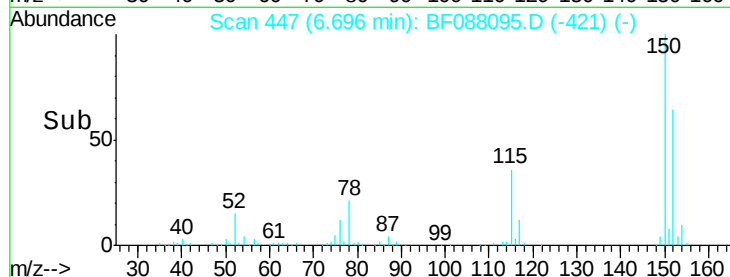
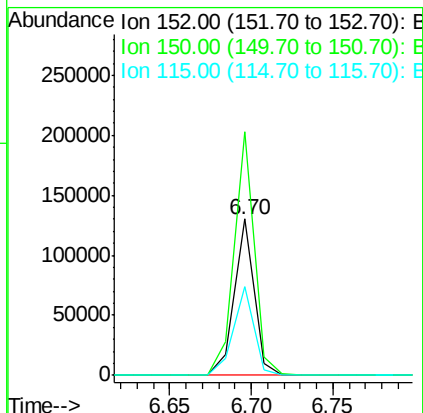
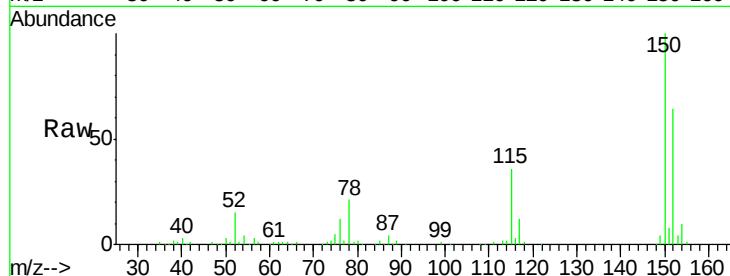


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF088095.D
 Acq: 17 Jun 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91188TB

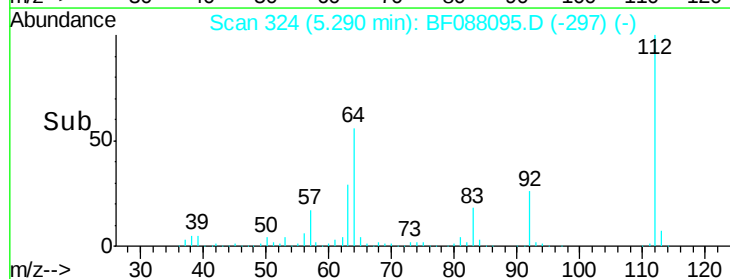
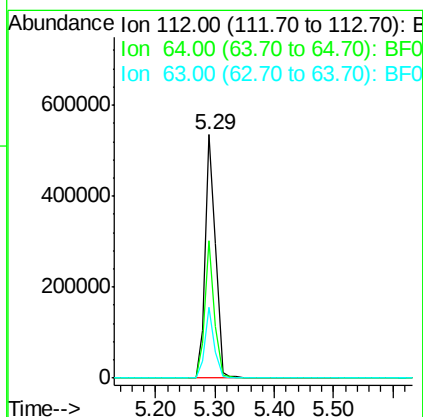
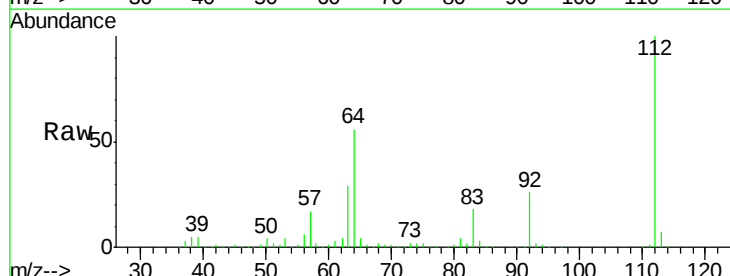
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.6
115	56.7	39.6	59.4



#5

2-Fluorophenol
 Concen: 103.88 ng
 RT: 5.29 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: BF088095.D
 Acq: 17 Jun 2016 16:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	42.2	63.2
63	29.0	21.8	32.8





#7

Phenol-d6

Concen: 101.07 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088095.D

Acq: 17 Jun 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB91188TB

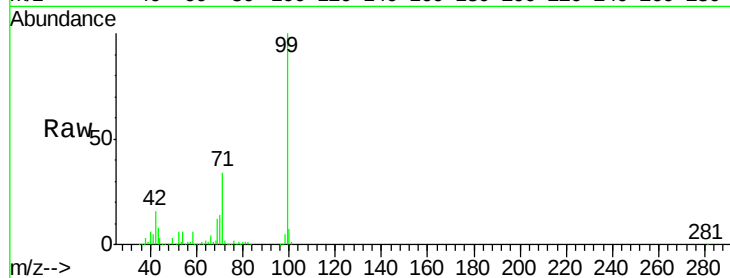
Tot Ion: 99 Resp: 780681

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

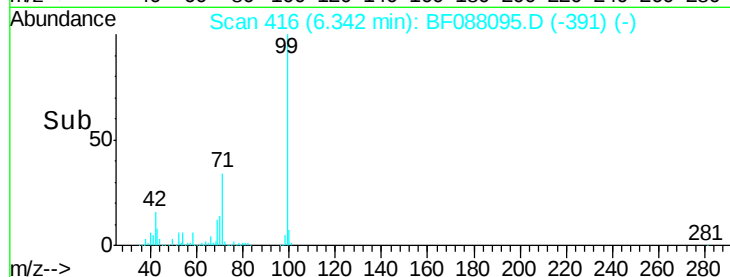
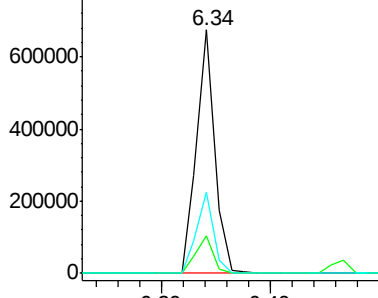
71 33.5 23.4 35.0



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: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088095.D

Acq: 17 Jun 2016 16:13

Tgt Ion: 136 Resp: 418954

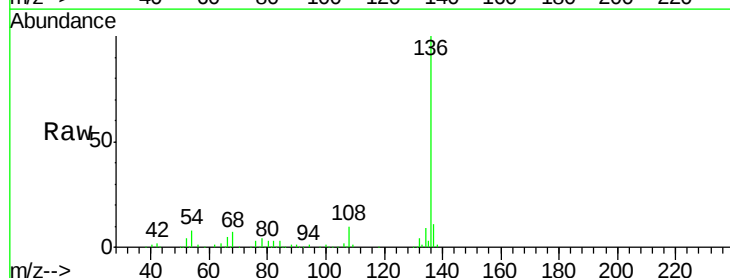
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.2 6.6 10.0

68 6.8 5.1 7.7

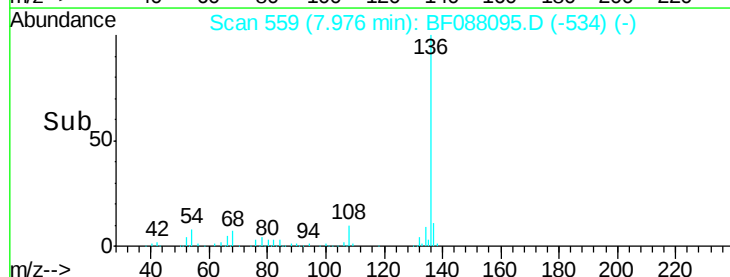
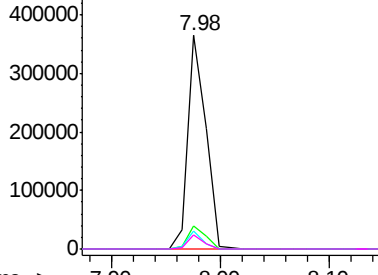


Abundance Ion 136.00 (135.70 to 136.70): E

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

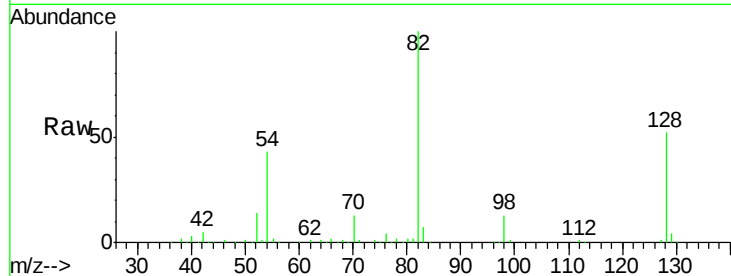




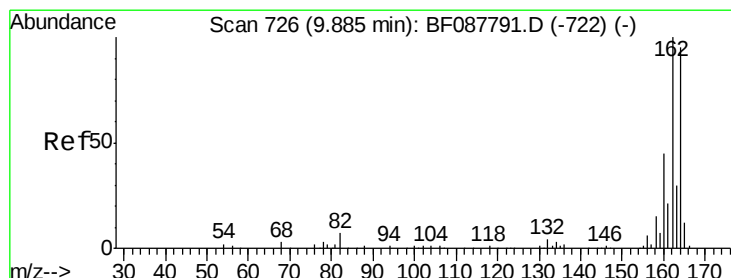
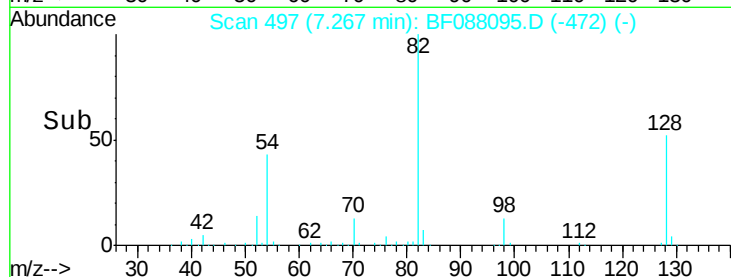
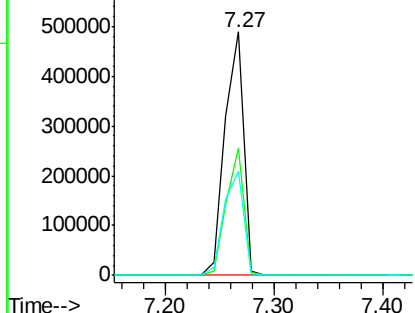
#23
 Nitrobenzene-d5
 Concen: 81.21 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088095.D
 Acq: 17 Jun 2016 16:13

Instrument :
 BNA_F
 ClientSampleID :
 PB91188TB

Tot Ion	82	Resp	582627
Ion Ratio	100	Lower	Upper
128	52.0	35.9	53.9
54	42.8	40.9	61.3

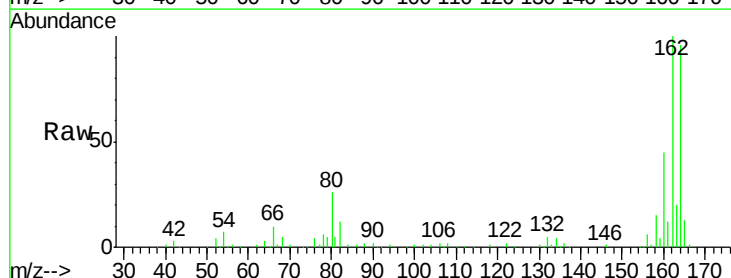


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

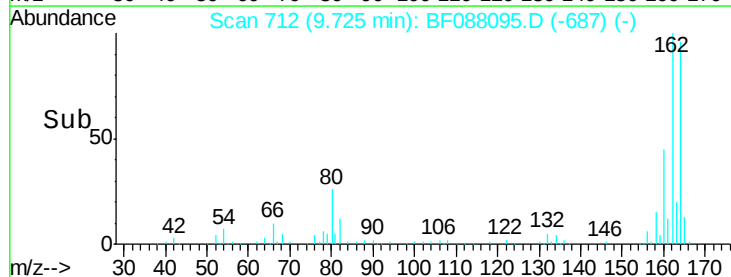
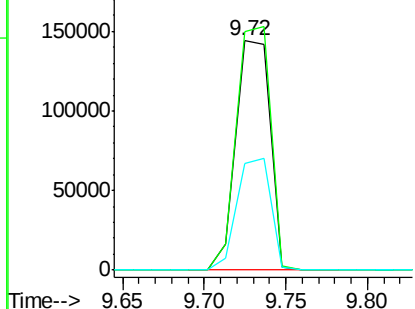


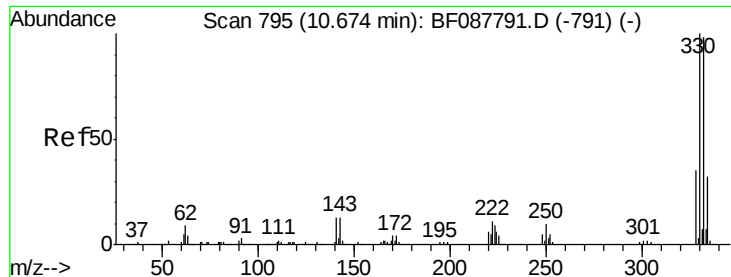
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088095.D
 Acq: 17 Jun 2016 16:13

Tgt Ion	164	Resp	208673
Ion Ratio	100	Lower	Upper
162	104.1	85.4	128.2
160	46.5	39.5	59.3



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

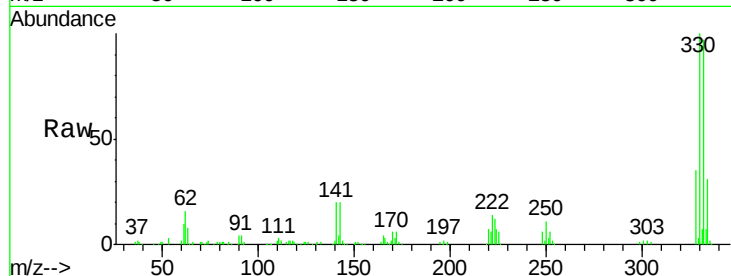




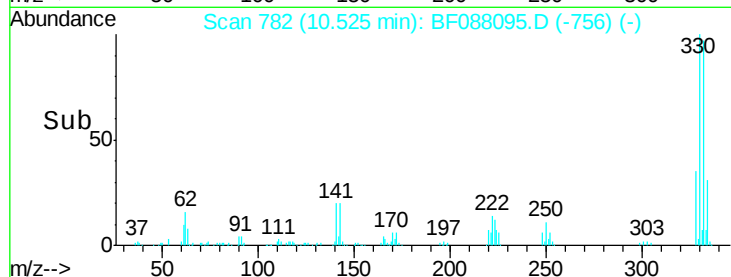
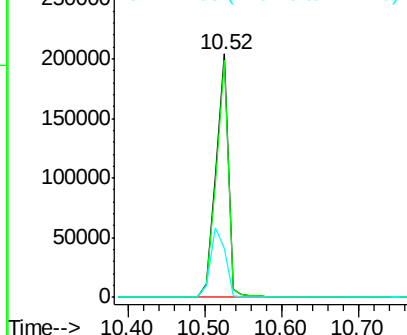
#41
 2,4,6-Tribromophenol
 Concen: 103.01 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF088095.D
 Acq: 17 Jun 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91188TB

Tot Ion:330 Resp: 226979
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 34.1 0.0 0.0#

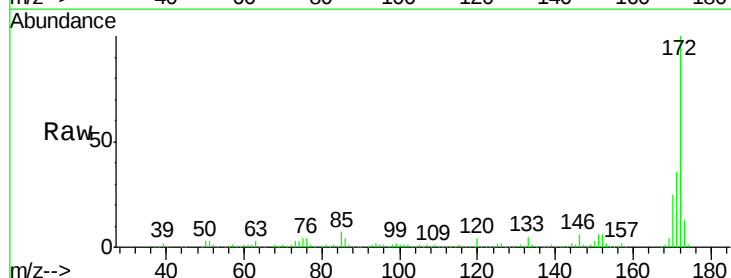


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

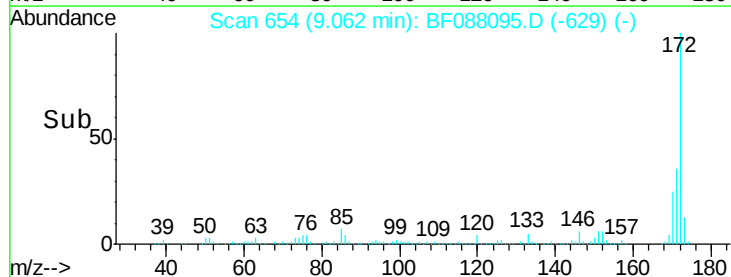
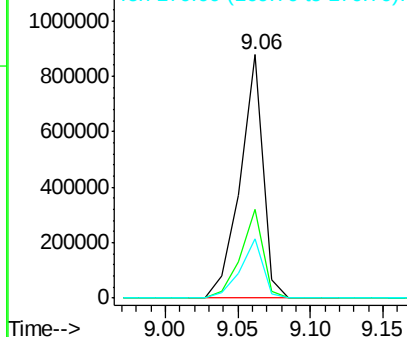


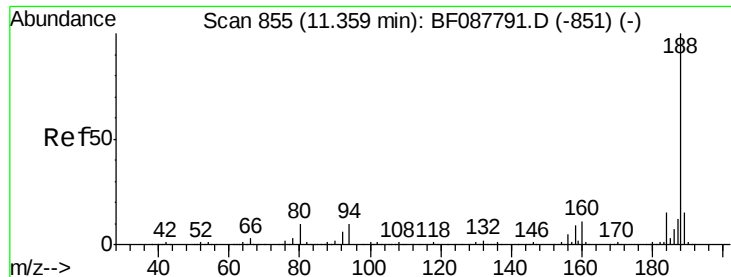
#44
 2-Fluorobiphenyl
 Concen: 71.28 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088095.D
 Acq: 17 Jun 2016 16:13

Tgt Ion:172 Resp: 958699
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.5 19.2 28.8



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

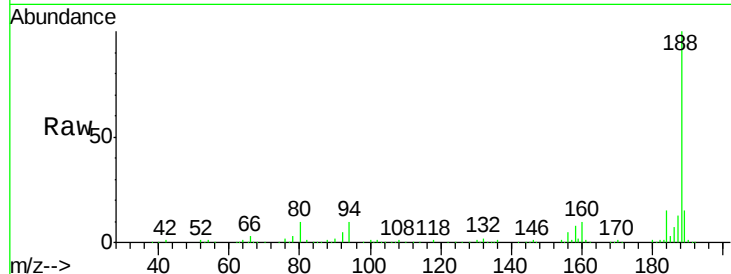




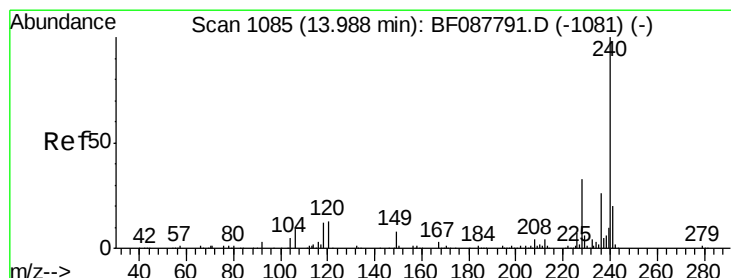
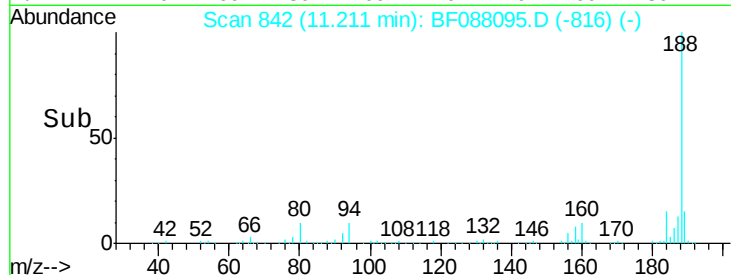
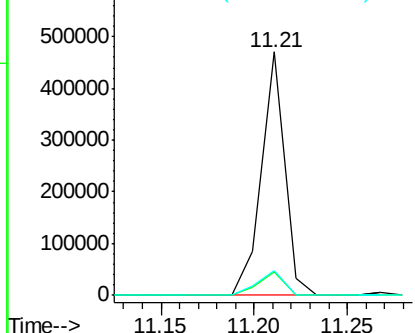
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF088095.D
Acq: 17 Jun 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB91188TB

Tot Ion:188 Resp: 406173
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.6
80 10.1 10.0 15.0

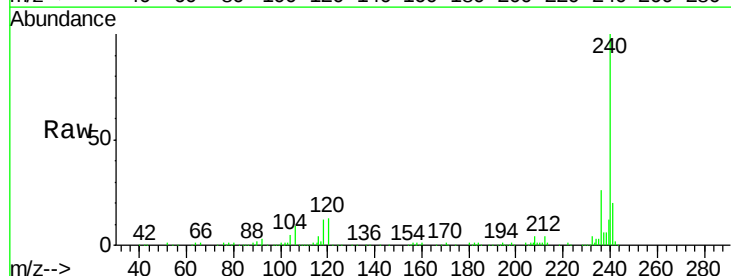


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

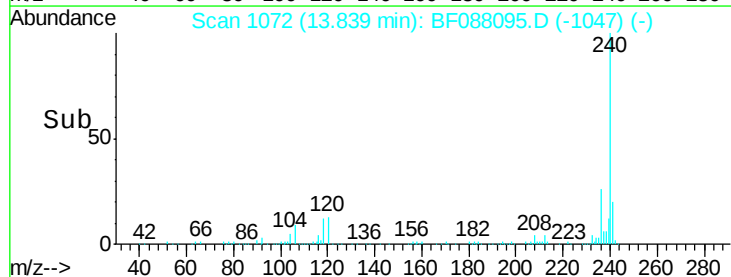
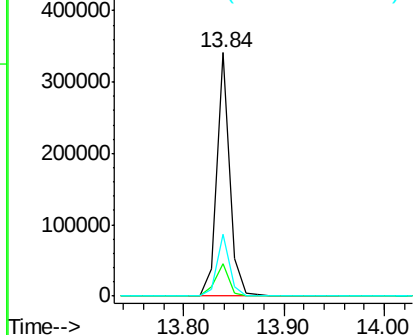


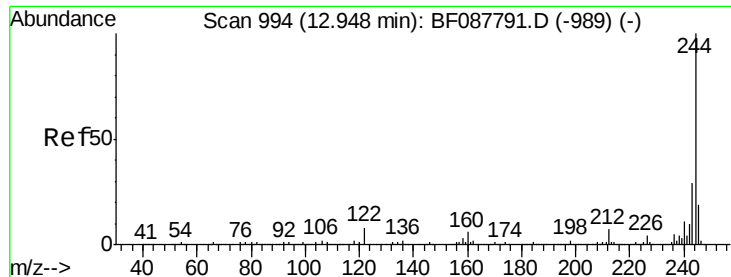
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088095.D
Acq: 17 Jun 2016 16:13

Tgt Ion:240 Resp: 302308
Ion Ratio Lower Upper
240 100
120 13.1 6.8 10.2#
236 25.7 20.2 30.2



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

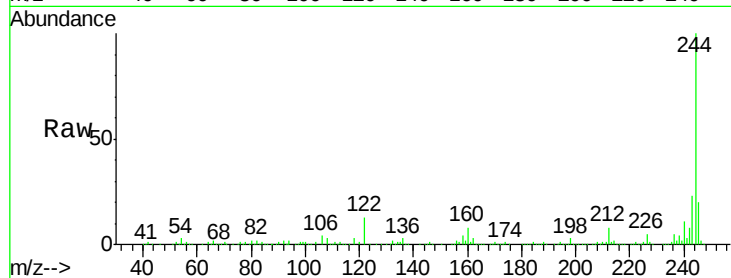




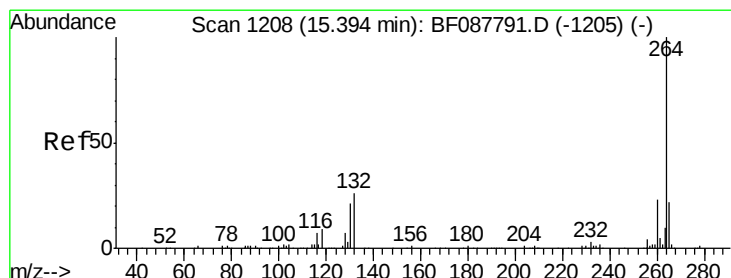
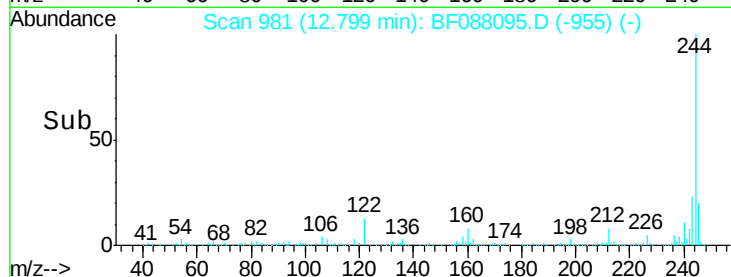
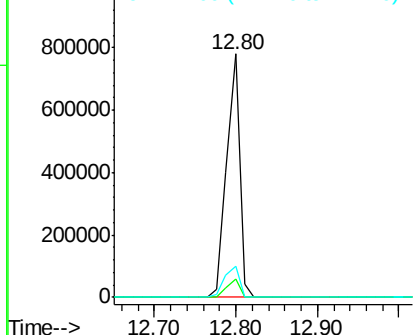
#78
 Terphenyl-d14
 Concen: 64.87 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088095.D
 Acq: 17 Jun 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91188TB

Tot Ion:244 Resp: 861848
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.7 11.2 16.8

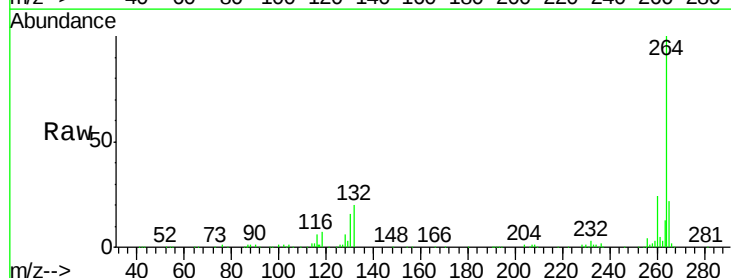


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF088095.D
 Acq: 17 Jun 2016 16:13

Tgt Ion:264 Resp: 228529
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.6 16.9 25.3



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

