

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087905.D
 Acq On : 11 Jun 2016 16:38
 Operator : UM/SJ
 Sample : PB91125TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91125TB

Quant Time: Jun 12 05:17:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96600	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	410530	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	189800	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	352462	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	332110	20.00	ng	-0.03
86) Perylene-d12	15.37	264	276214	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	697859	123.50	ng	-0.03
7) Phenol-d6	6.43	99	796970	116.38	ng	-0.05
23) Nitrobenzene-d5	7.37	82	565641	80.46	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	202762	101.17	ng	-0.03
44) 2-Fluorobiphenyl	9.16	172	1025976	84.91	ng	-0.05
78) Terphenyl-d14	12.91	244	907908	62.21	ng	-0.03

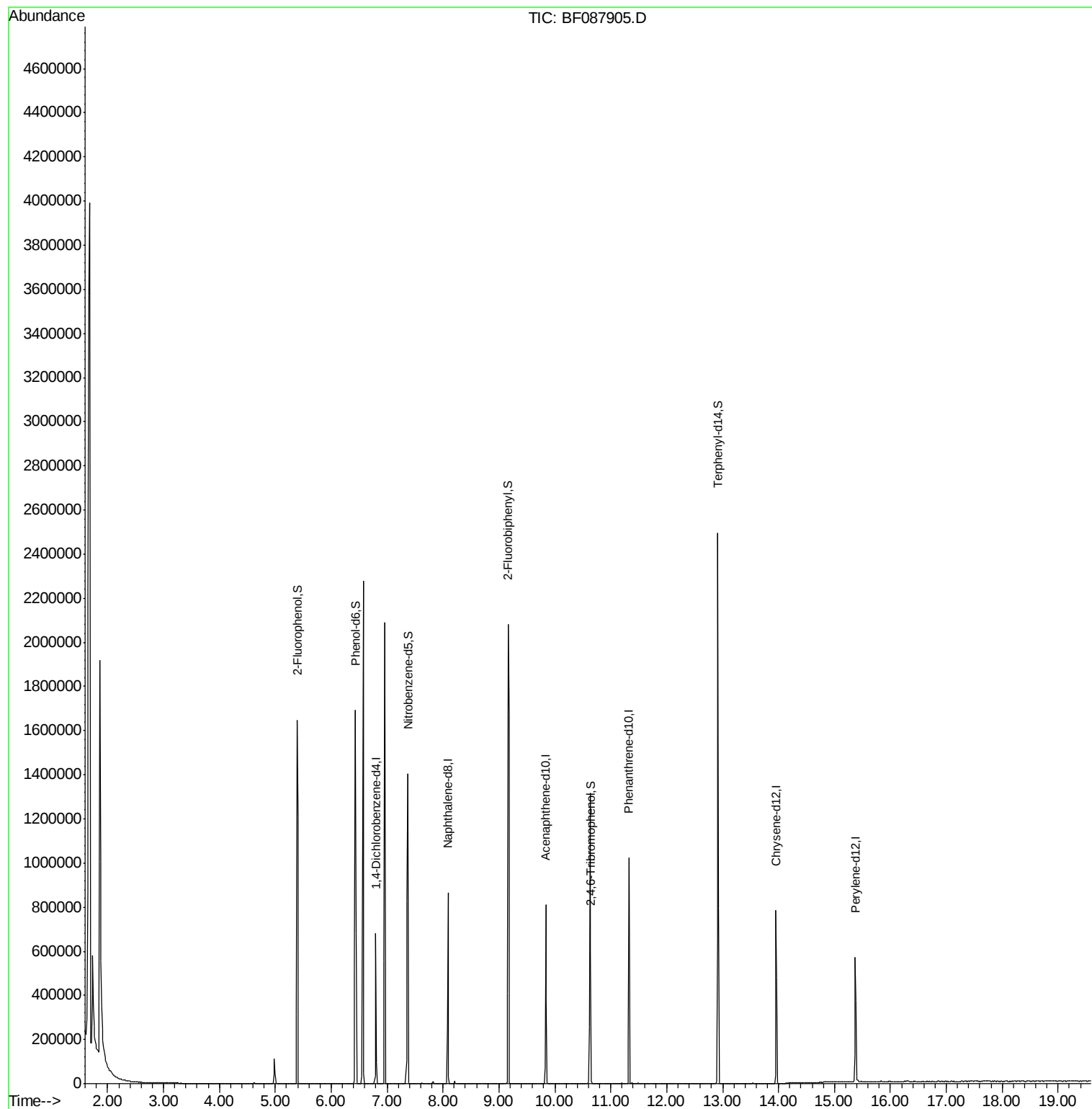
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB91125TB

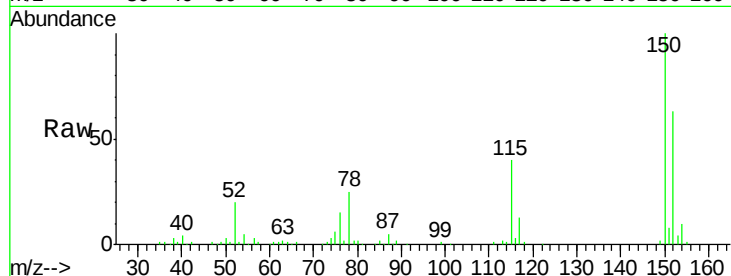
Tot Ion:152 Resp: 96600

Ion Ratio Lower Upper

152 100

150 158.2 123.8 185.6

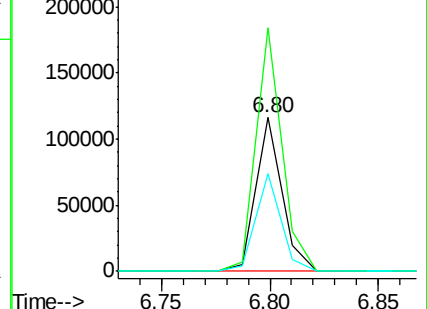
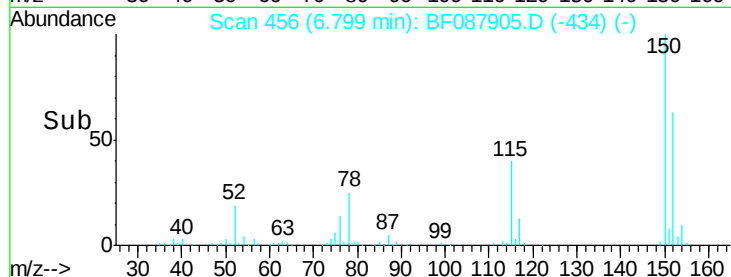
115 63.6 39.6 59.4#



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: 123.50 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

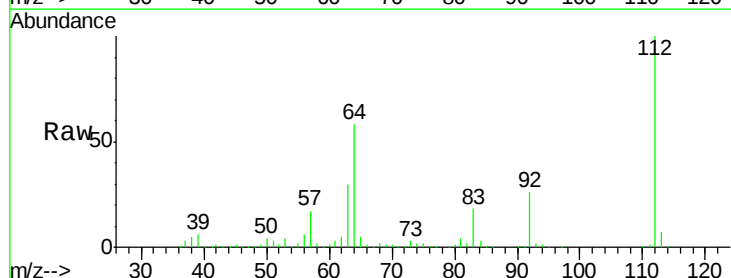
Tgt Ion:112 Resp: 697859

Ion Ratio Lower Upper

112 100

64 58.5 42.2 63.2

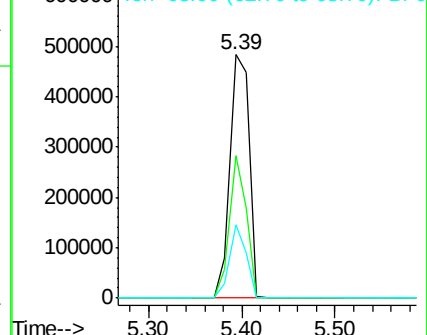
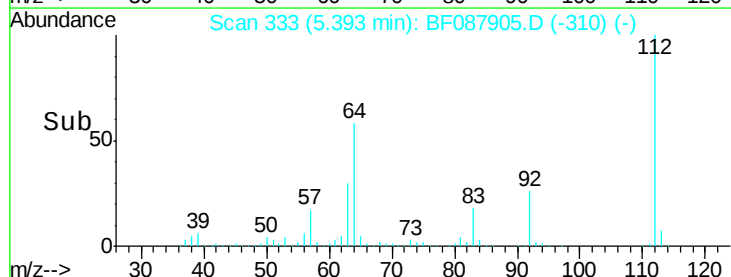
63 29.9 21.8 32.8

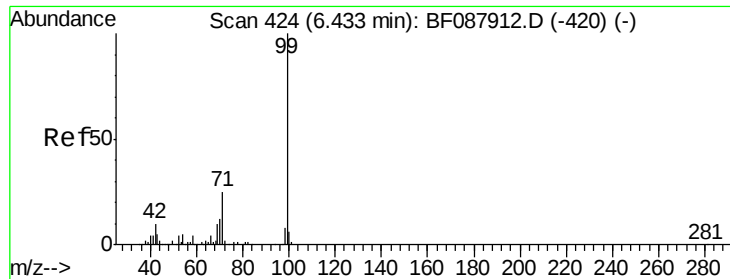


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.38 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

Instrument :

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ClientSampleId :

PB91125TB

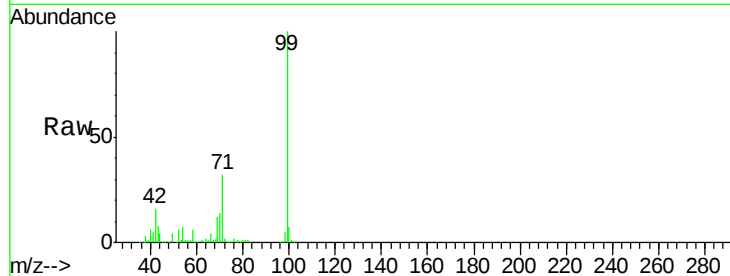
Tot Ion: 99 Resp: 796970

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

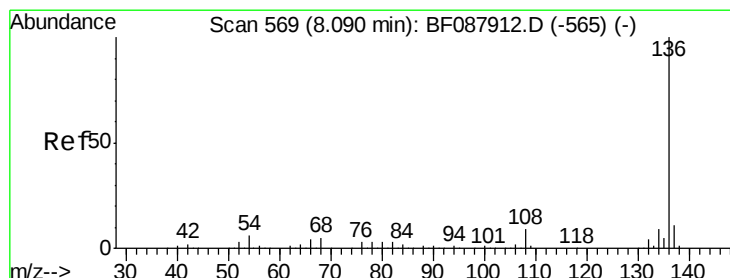
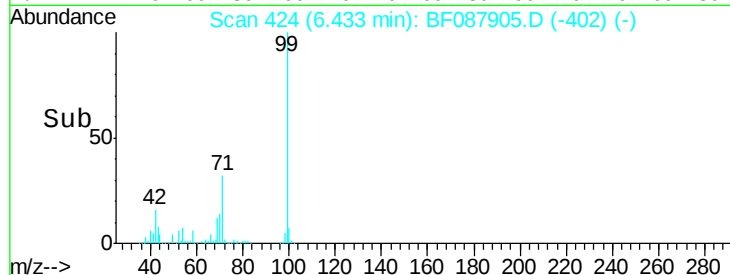
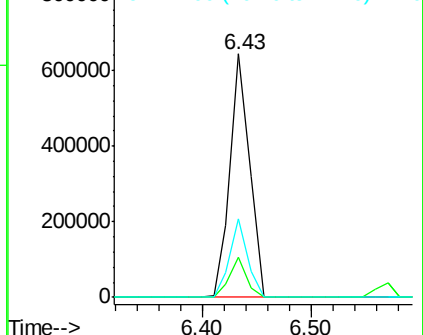
71 32.5 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

Tgt Ion: 136 Resp: 410530

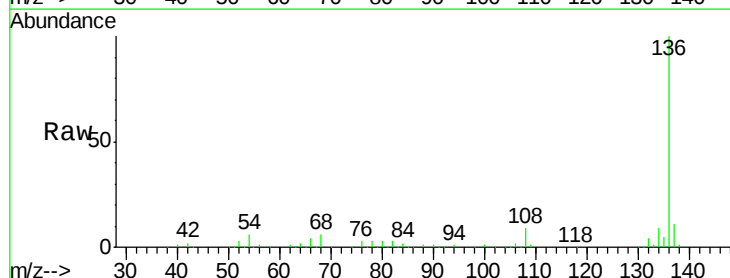
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.5 6.6 10.0#

68 5.5 5.1 7.7

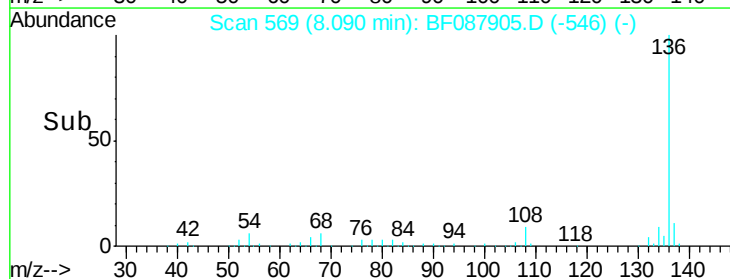
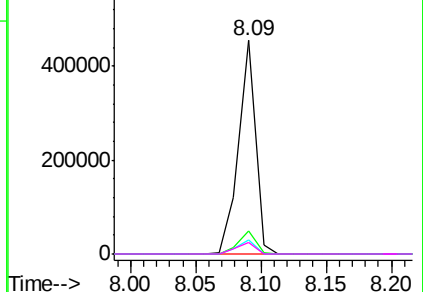


Abundance Ion 136.00 (135.70 to 136.70): E

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

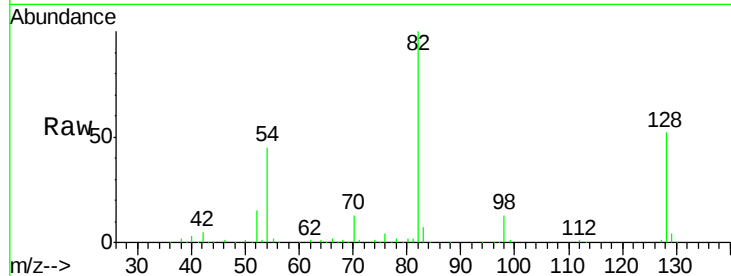




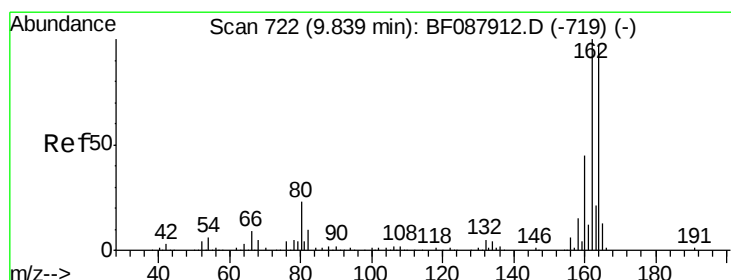
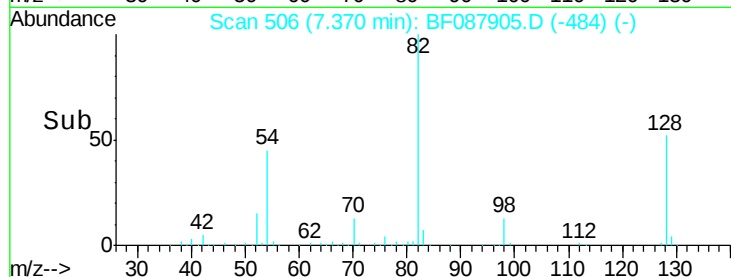
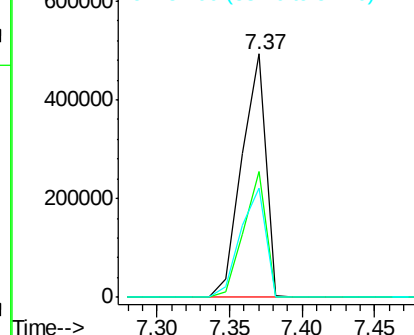
#23
 Nitrobenzene-d5
 Concen: 80.46 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91125TB

Tot Ion: 82 Resp: 565641
 Ion Ratio Lower Upper
 82 100
 128 51.9 35.9 53.9
 54 44.7 40.9 61.3

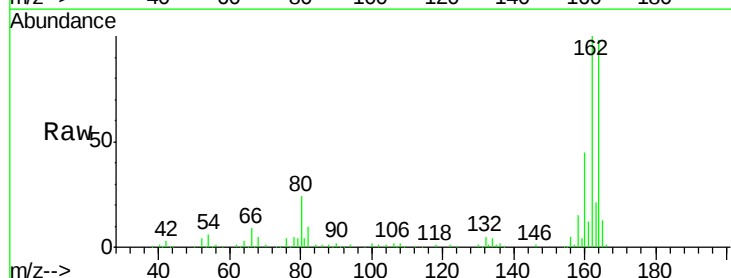


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

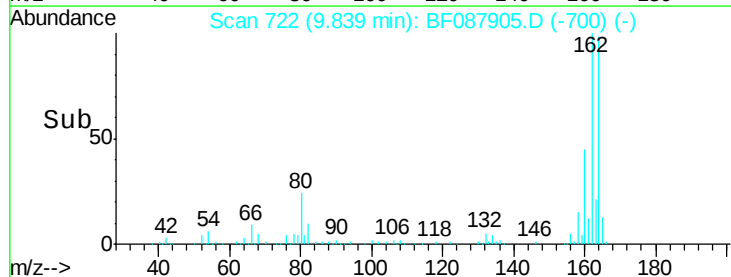
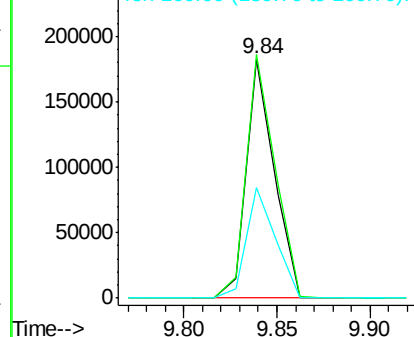


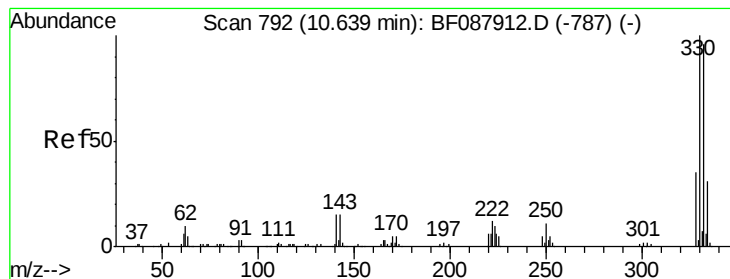
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.05 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

Tgt Ion:164 Resp: 189800
 Ion Ratio Lower Upper
 164 100
 162 101.9 85.4 128.2
 160 46.2 39.5 59.3



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: 101.17 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.03 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB91125TB

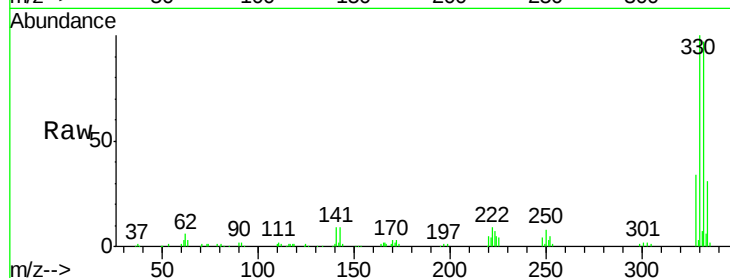
Tot Ion:330 Resp: 202762

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

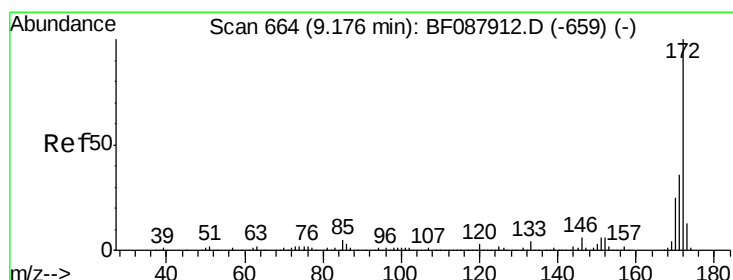
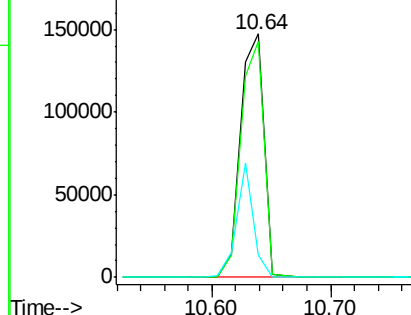
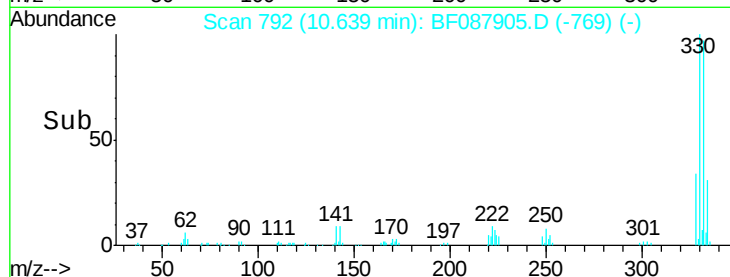
141 33.3 0.0 0.0#



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: 84.91 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

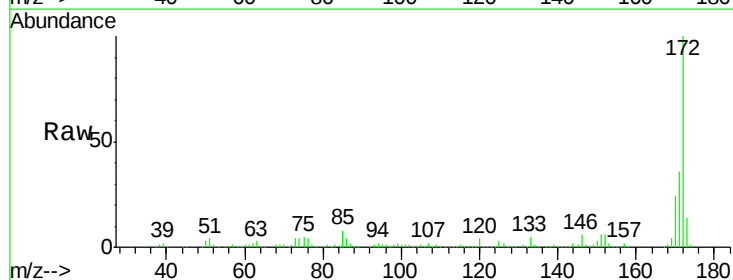
Tgt Ion:172 Resp: 1025976

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

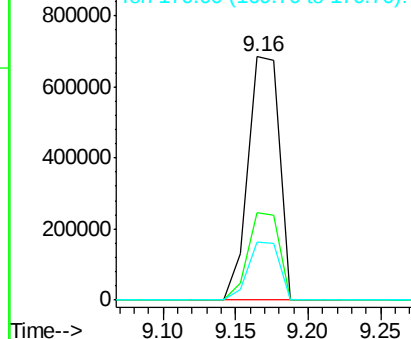
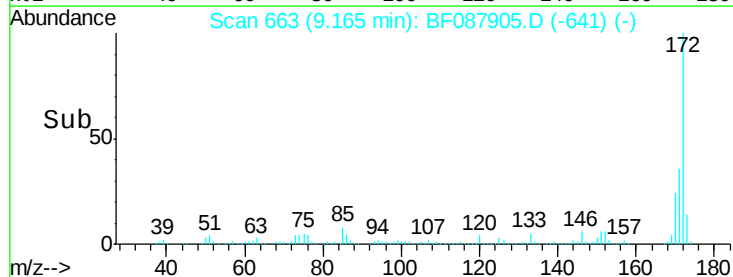
170 23.8 19.2 28.8

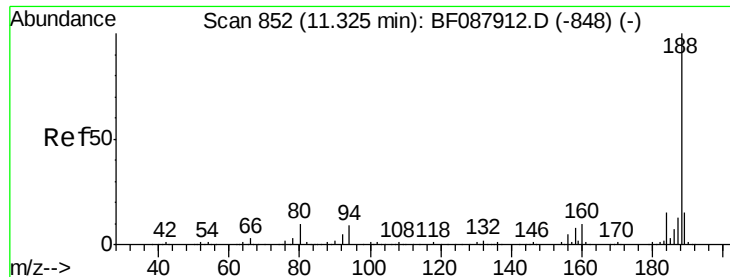


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

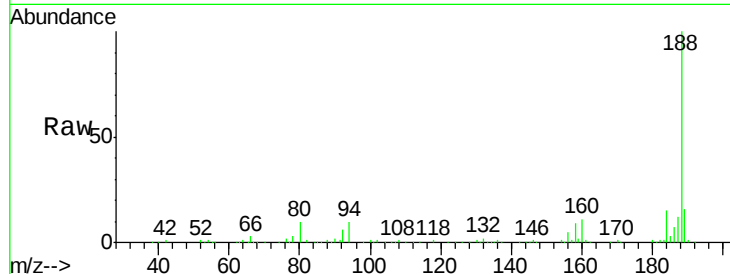




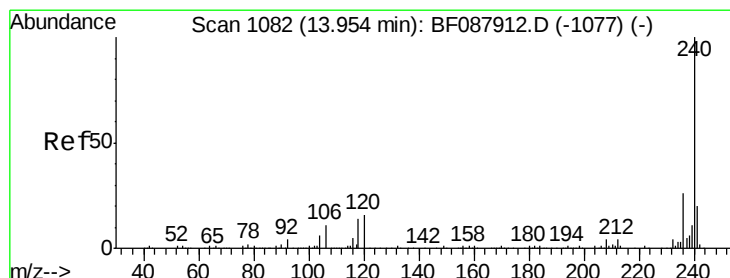
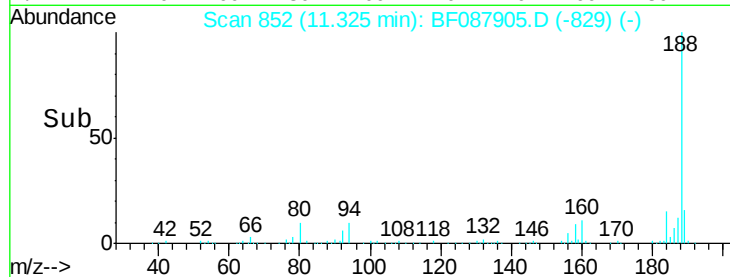
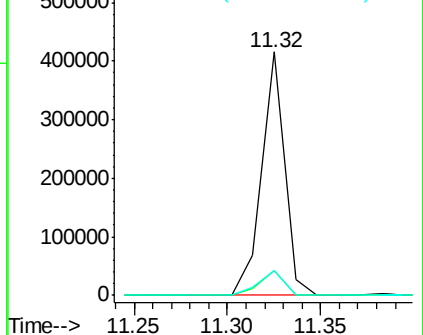
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087905.D
Acq: 11 Jun 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB91125TB

Tot Ion:188 Resp: 352462
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 10.3 10.0 15.0

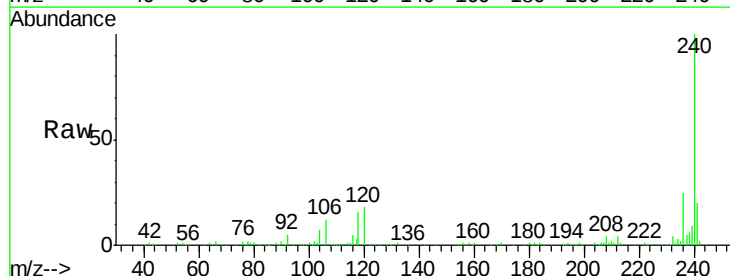


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

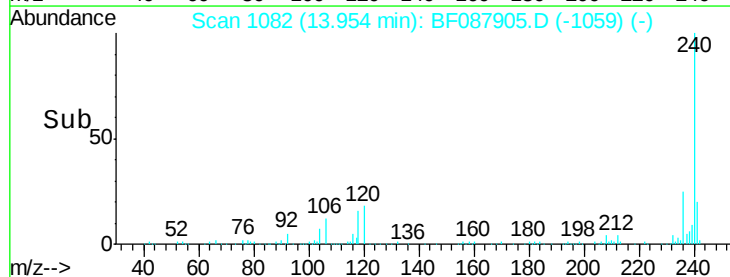
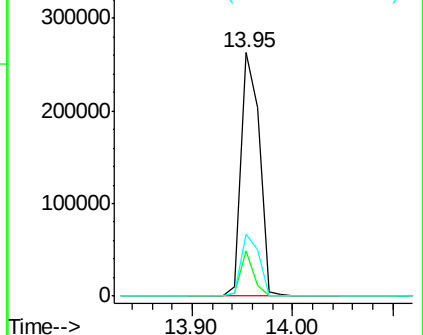


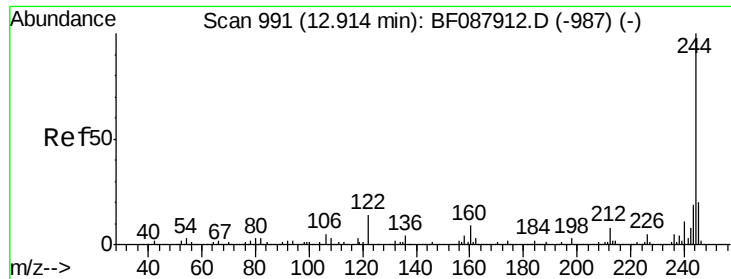
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087905.D
Acq: 11 Jun 2016 16:38

Tgt Ion:240 Resp: 332110
Ion Ratio Lower Upper
240 100
120 18.3 6.8 10.2#
236 25.4 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

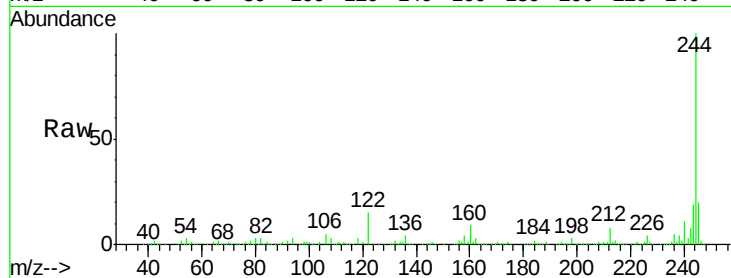




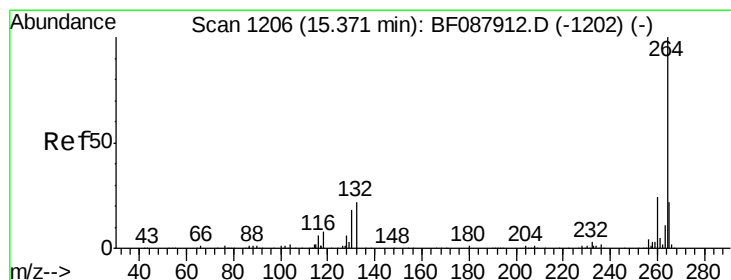
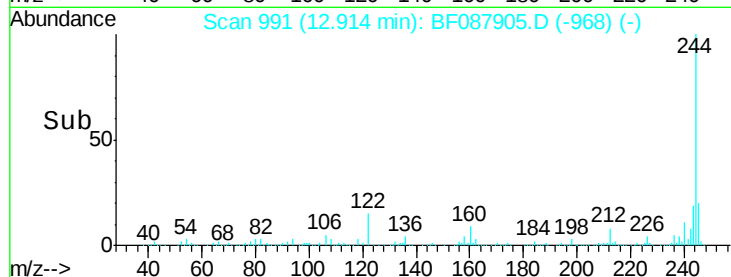
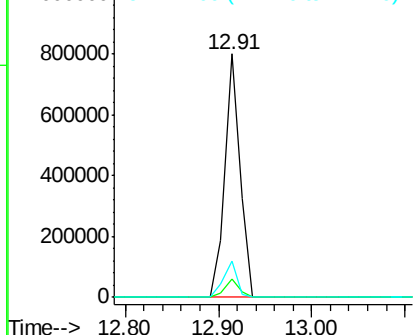
#78
 Terphenyl-d14
 Concen: 62.21 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91125TB

Tot Ion:244 Resp: 907908
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.7 11.2 16.8

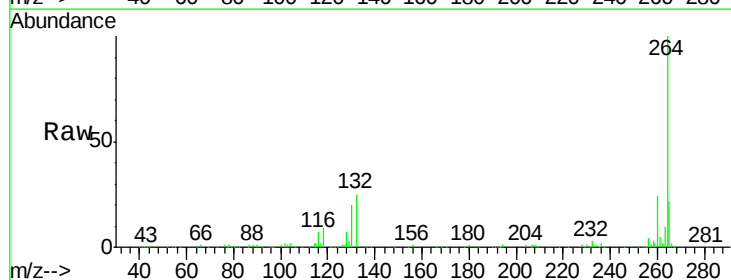


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

Tgt Ion:264 Resp: 276214
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.9 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

