

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088452.D
 Acq On : 27 Jun 2016 13:20
 Operator : UM/SJ
 Sample : PB91593TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91593TB

Quant Time: Jun 27 19:25:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	65126	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	270026	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	128774	20.00	ng	-0.02
63) Phenanthrene-d10	11.05	188	252498	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	229909	20.00	ng	-0.02
86) Perylene-d12	15.03	264	184100	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	505761	132.76	ng	0.00
7) Phenol-d6	6.20	99	590216	127.84	ng	-0.03
23) Nitrobenzene-d5	7.11	82	358677	77.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.36	330	86300	63.47	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	717444	87.70	ng	-0.02
78) Terphenyl-d14	12.63	244	686112	67.91	ng	-0.01

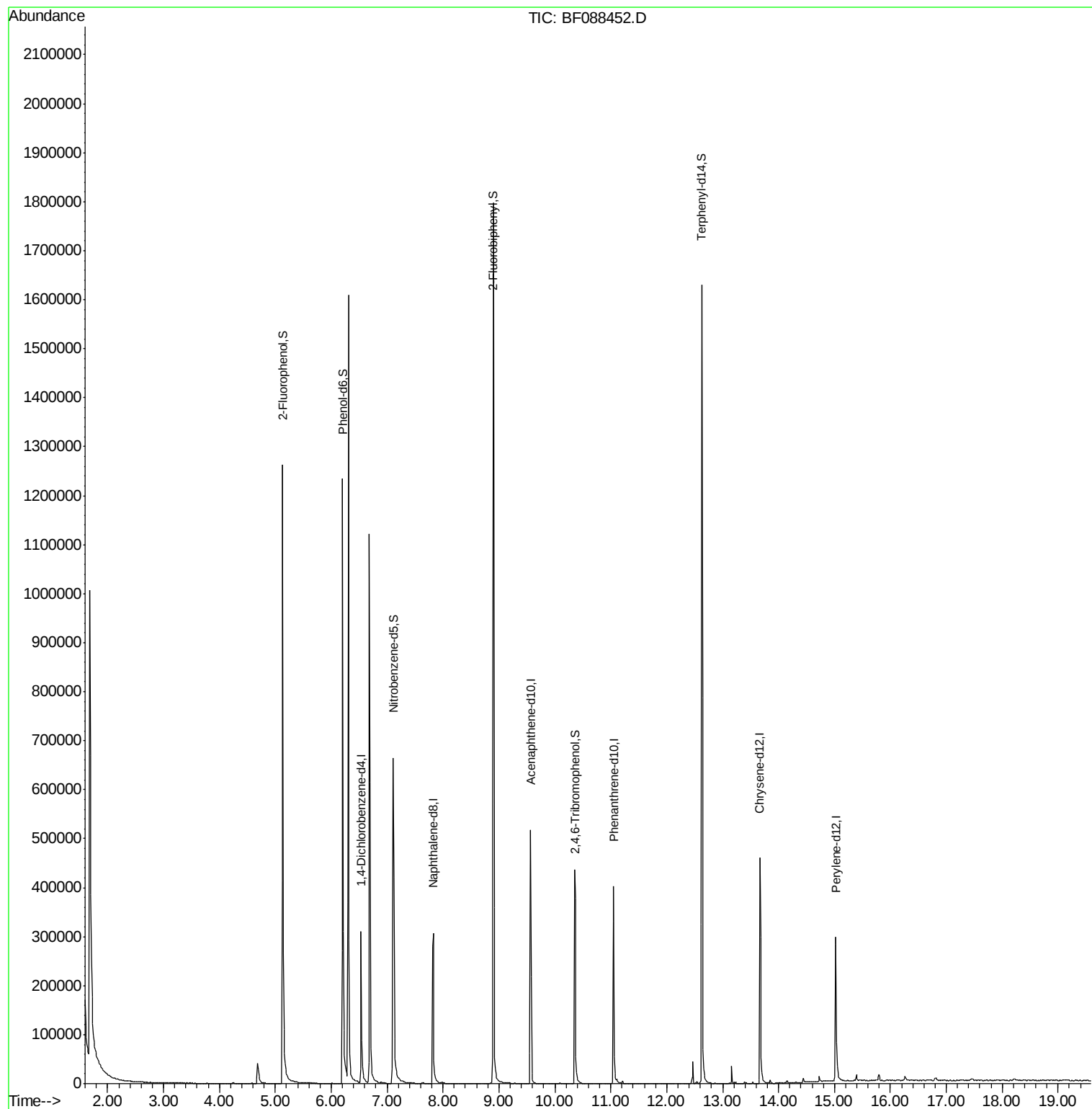
Target Compounds	Qvalue
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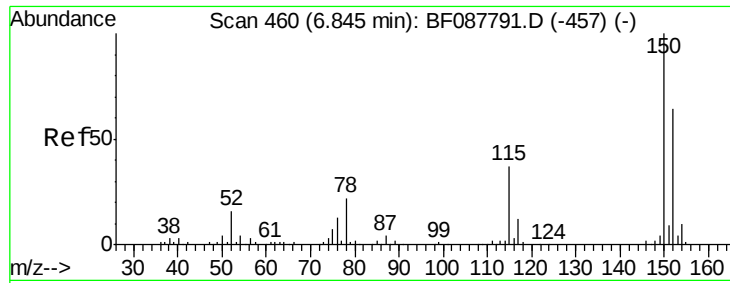
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF088452.D

Acq: 27 Jun 2016 13:20

Instrument :

BNA_F

ClientSampleId :

PB91593TB

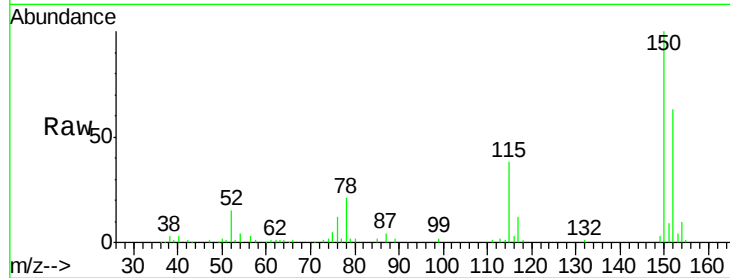
Tgt Ion:152 Resp: 65126

Ion Ratio Lower Upper

152 100

150 158.3 123.8 185.6

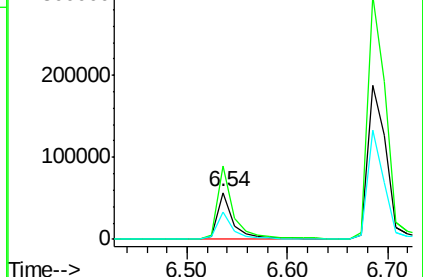
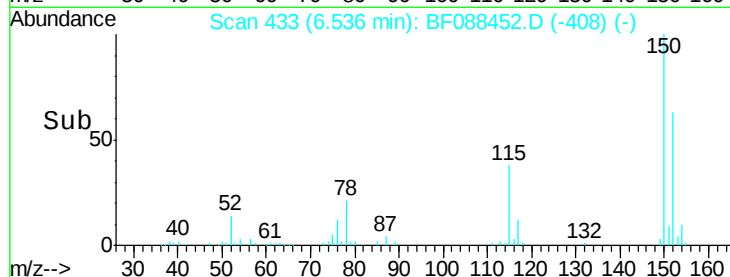
115 59.7 39.6 59.4#



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: 132.76 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF088452.D

Acq: 27 Jun 2016 13:20

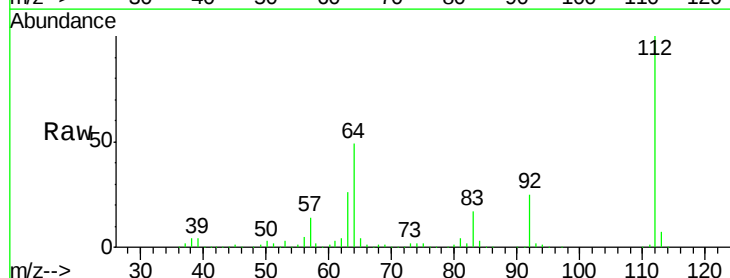
Tgt Ion:112 Resp: 505761

Ion Ratio Lower Upper

112 100

64 49.4 42.2 63.2

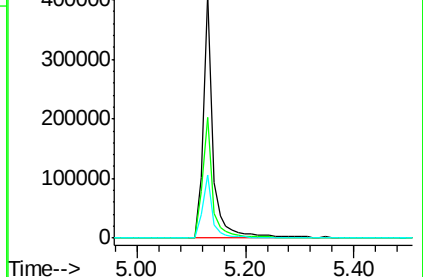
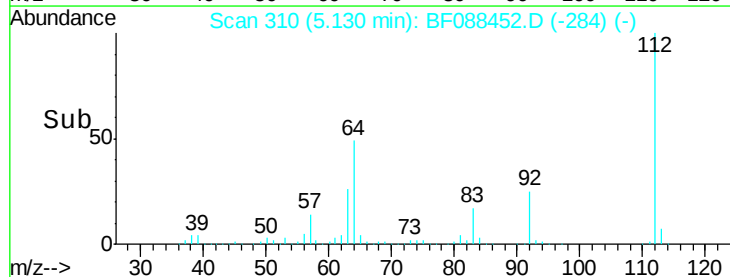
63 25.9 21.8 32.8



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: 127.84 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF088452.D

Acq: 27 Jun 2016 13:20

Instrument :

BNA_F

ClientSampleId :

PB91593TB

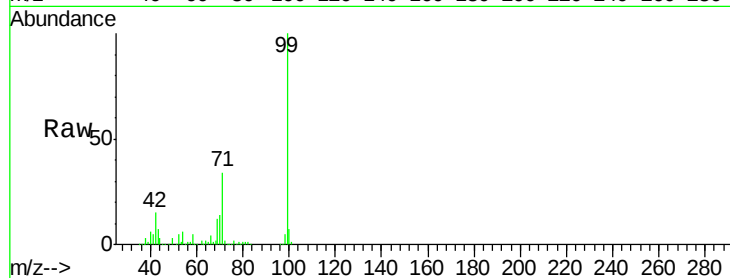
Tgt Ion: 99 Resp: 590216

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 34.0 23.4 35.0



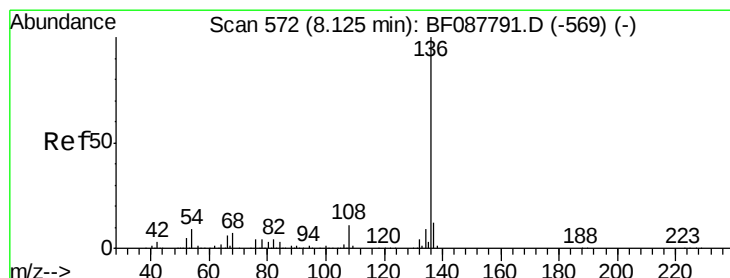
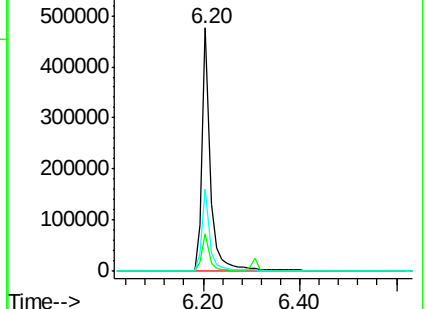
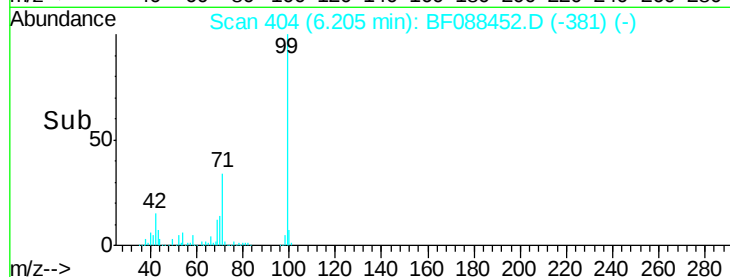
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.20

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF088452.D

Acq: 27 Jun 2016 13:20

Tgt Ion: 136 Resp: 270026

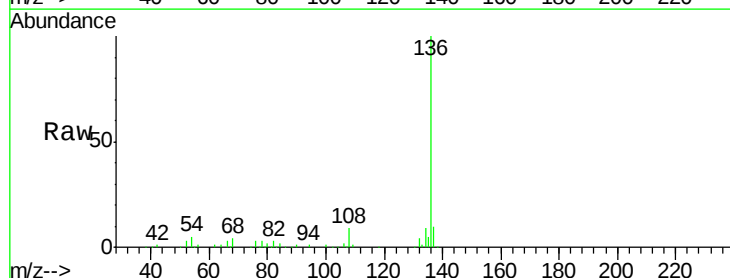
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 4.9 6.6 10.0#

68 4.4 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): E

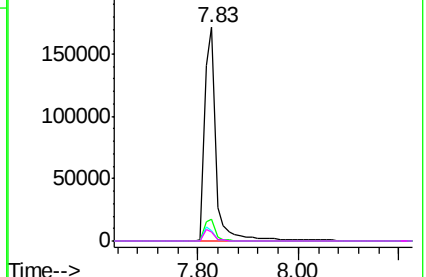
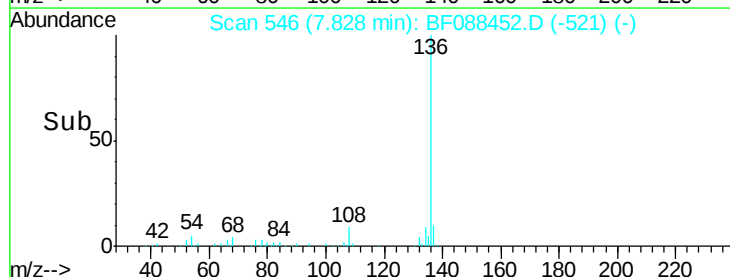
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

7.83

Time-->

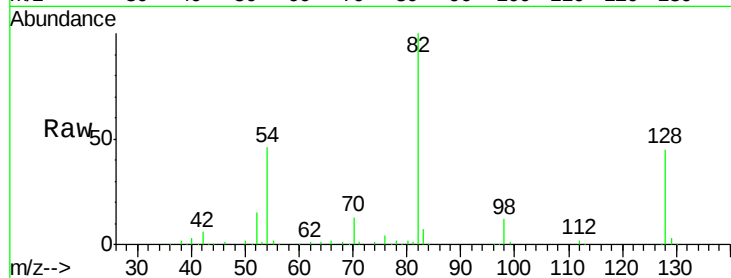




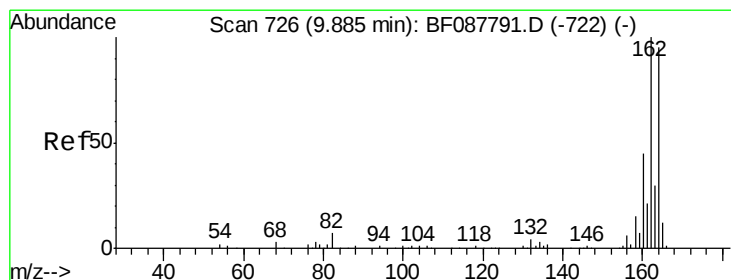
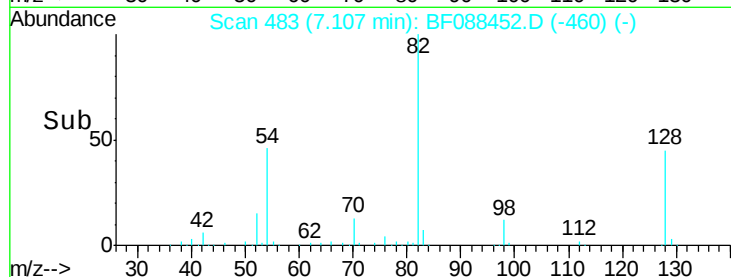
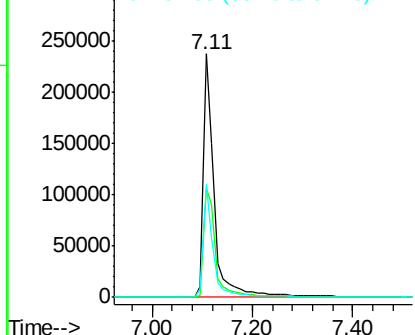
#23
 Nitrobenzene-d5
 Concen: 77.57 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF088452.D
 Acq: 27 Jun 2016 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91593TB

Tgt Ion: 82 Resp: 358677
 Ion Ratio Lower Upper
 82 100
 128 45.1 35.9 53.9
 54 46.2 40.9 61.3

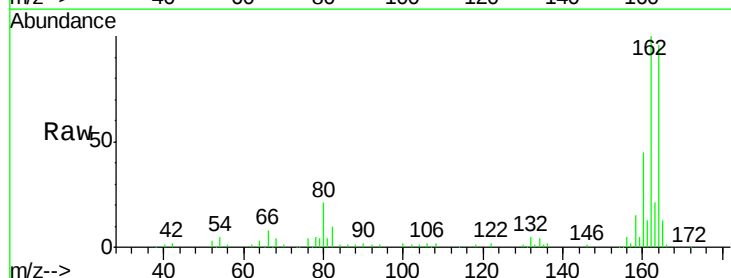


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

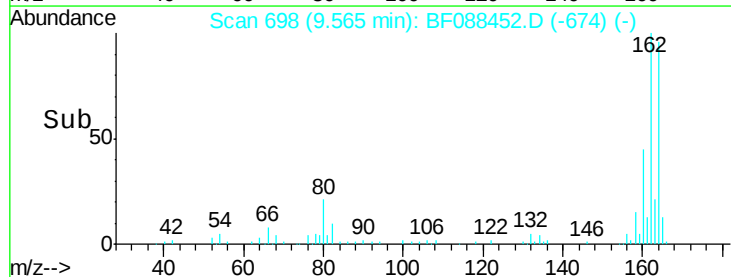
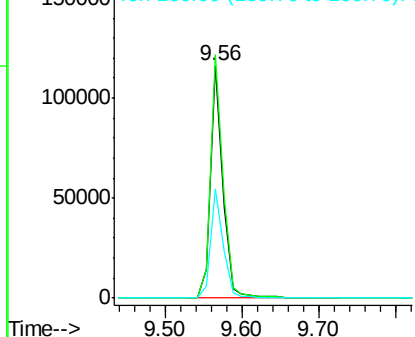


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF088452.D
 Acq: 27 Jun 2016 13:20

Tgt Ion: 164 Resp: 128774
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.4 128.2
 160 47.0 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

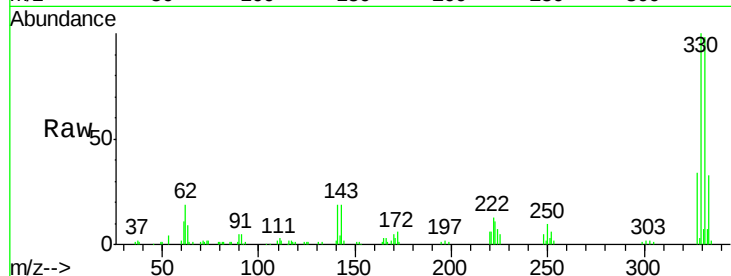




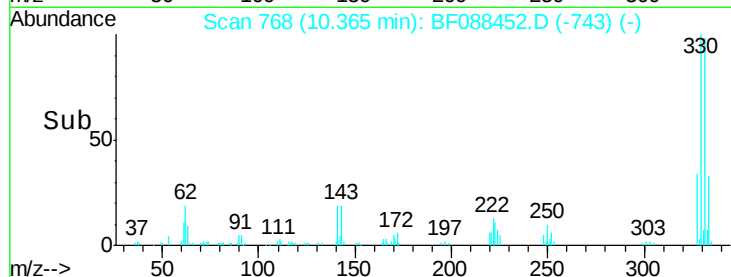
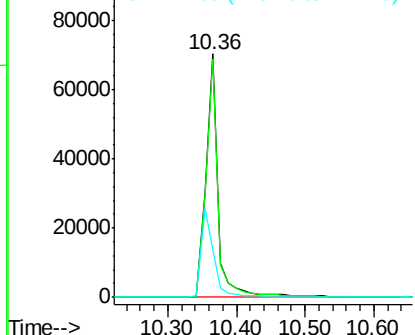
#41
 2,4,6-Tribromophenol
 Concen: 63.47 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088452.D
 Acq: 27 Jun 2016 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91593TB

Tgt Ion:330 Resp: 86300
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 36.6 0.0 0.0#

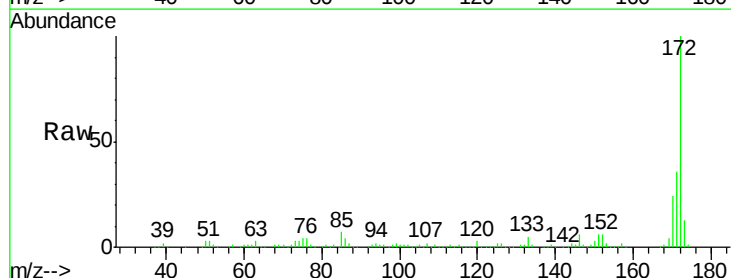


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

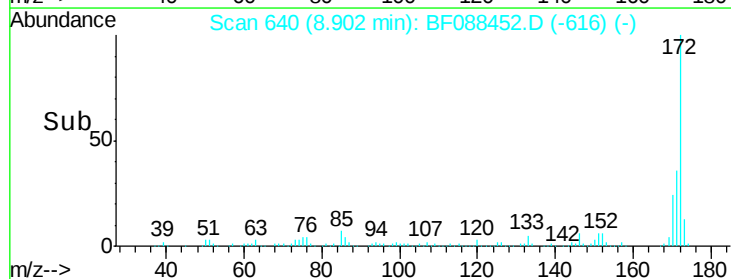
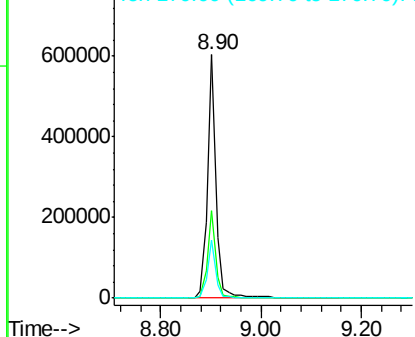


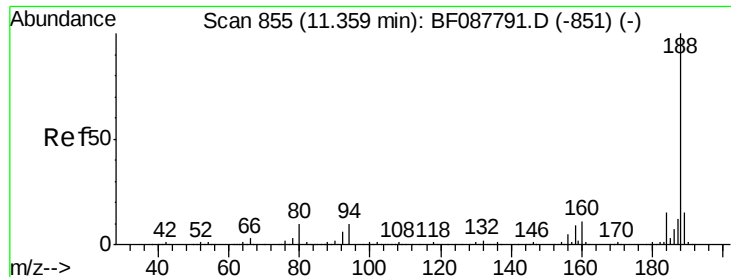
#44
 2-Fluorobiphenyl
 Concen: 87.70 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF088452.D
 Acq: 27 Jun 2016 13:20

Tgt Ion:172 Resp: 717444
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.9 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

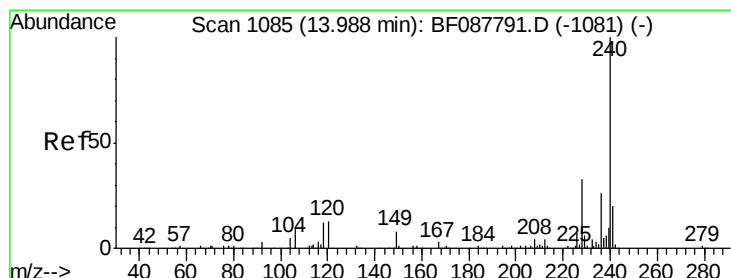
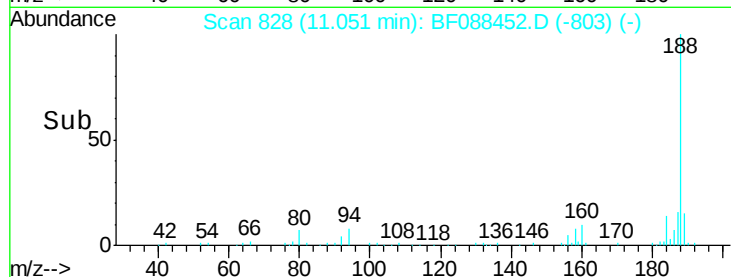
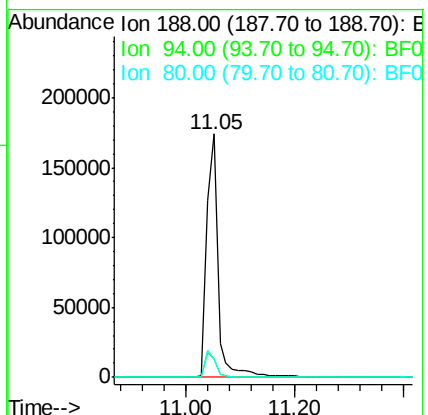
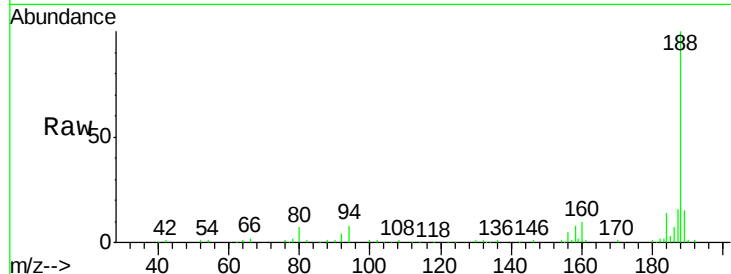




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF088452.D
Acq: 27 Jun 2016 13:20

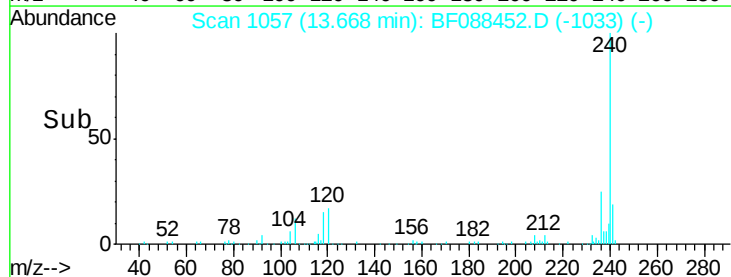
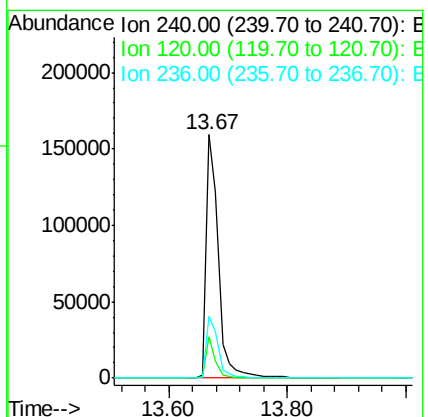
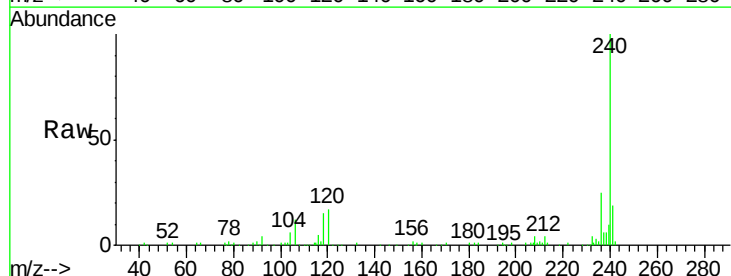
Instrument :
BNA_F
ClientSampleId :
PB91593TB

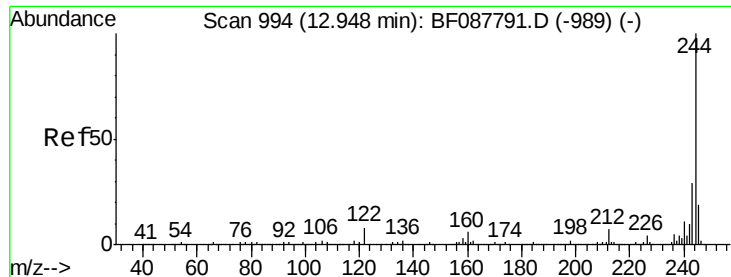
Tgt Ion:188 Resp: 252498
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.6#
80 7.3 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF088452.D
Acq: 27 Jun 2016 13:20

Tgt Ion:240 Resp: 229909
Ion Ratio Lower Upper
240 100
120 16.8 6.8 10.2#
236 25.4 20.2 30.2

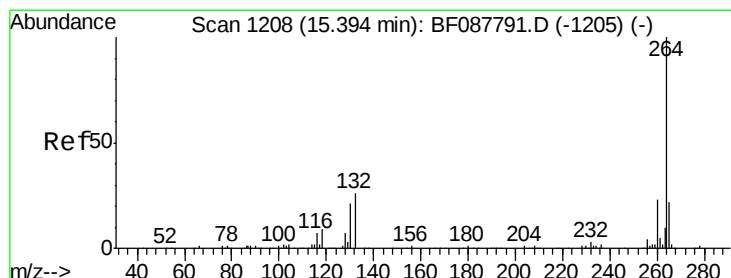
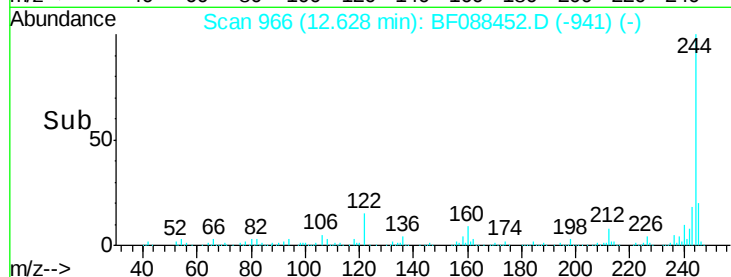
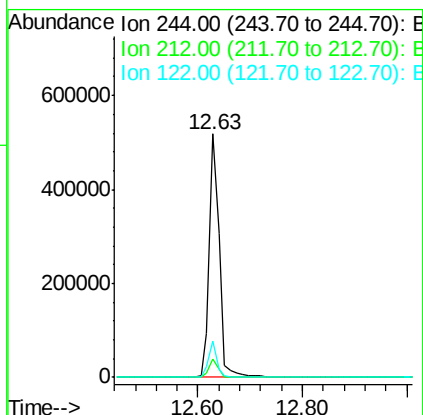
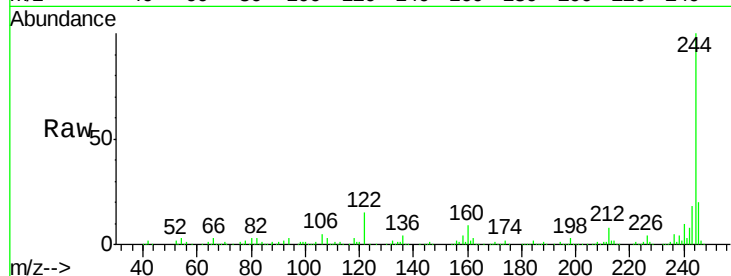




#78
 Terphenyl-d14
 Concen: 67.91 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF088452.D
 Acq: 27 Jun 2016 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91593TB

Tgt Ion:244 Resp: 686112
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 15.1 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF088452.D
 Acq: 27 Jun 2016 13:20

Tgt Ion:264 Resp: 184100
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.3 16.9 25.3

