

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089395.D
 Acq On : 29 Jul 2016 6:55
 Operator : UM/SJ
 Sample : PB92528BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BL

Quant Time: Jul 29 07:25:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	46811	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	179436	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	79873	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	128354	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	99679	20.00	ng	-0.02
86) Perylene-d12	14.98	264	79682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	394250	134.48	ng	0.00
7) Phenol-d6	6.19	99	520539	134.35	ng	-0.01
23) Nitrobenzene-d5	7.10	82	305362	100.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	74335	112.37	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	512101	94.09	ng	-0.02
78) Terphenyl-d14	12.62	244	367535	86.30	ng	-0.01

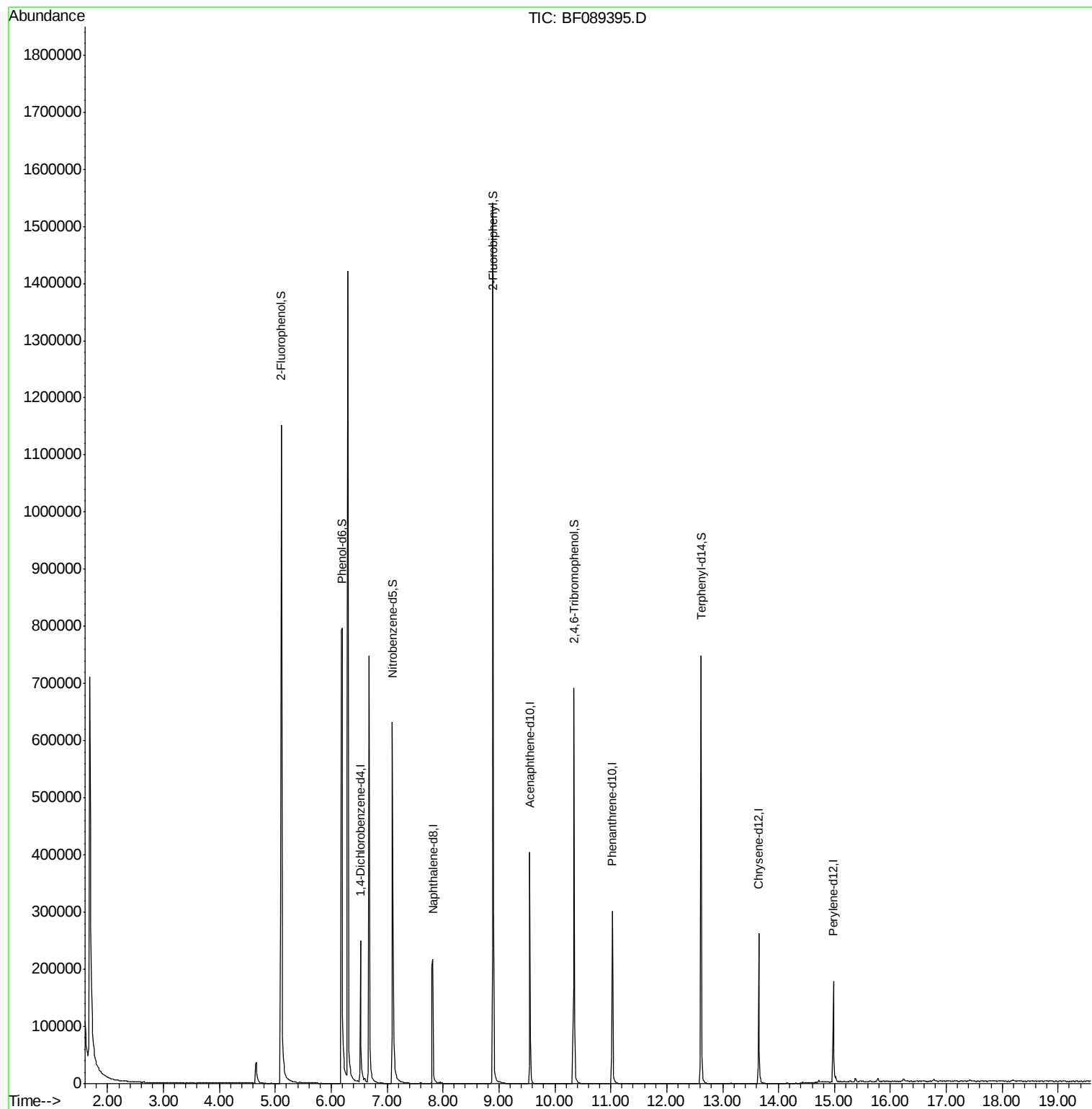
Target Compounds	Qvalue
------------------	--------

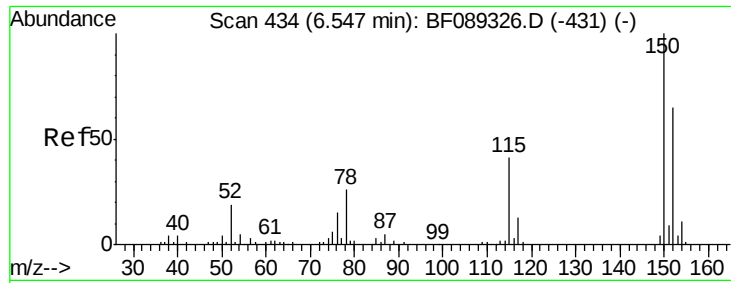
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089395.D
Acq On : 29 Jul 2016 6:55
Operator : UM/SJ
Sample : PB92528BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92528BL

Quant Time: Jul 29 07:25:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089395.D

Acq: 29 Jul 2016 6:55

Instrument :

BNA_F

ClientSampleId :

PB92528BL

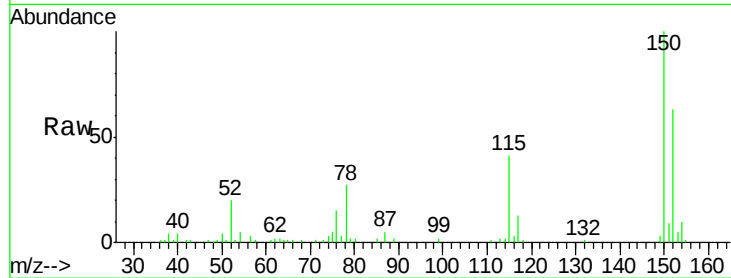
Tgt Ion:152 Resp: 46811

Ion Ratio Lower Upper

152 100

150 159.5 129.5 194.3

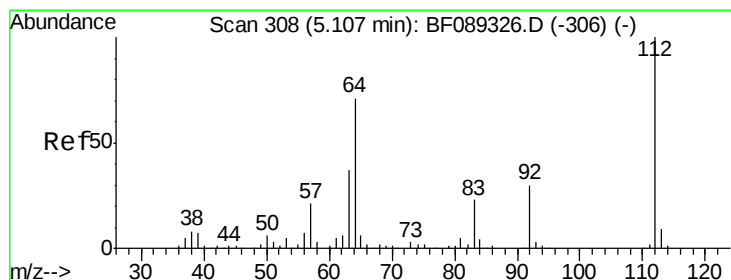
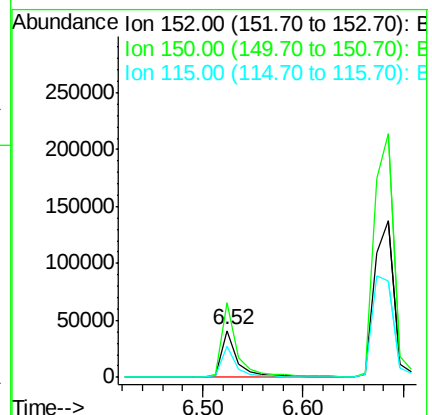
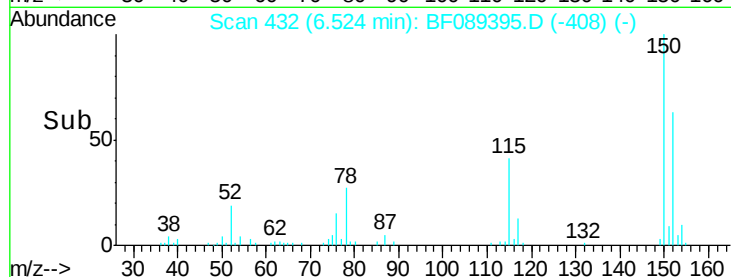
115 65.6 51.4 77.2



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: 134.48 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089395.D

Acq: 29 Jul 2016 6:55

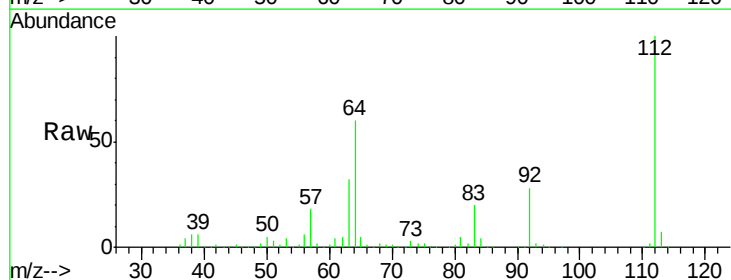
Tgt Ion:112 Resp: 394250

Ion Ratio Lower Upper

112 100

64 59.7 55.0 82.6

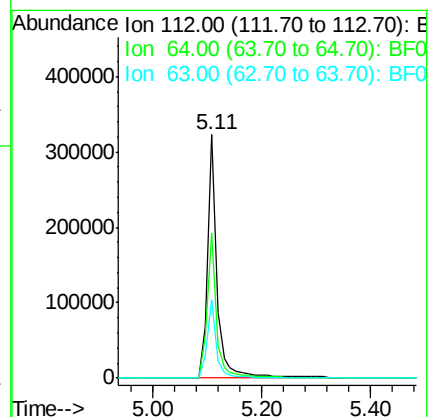
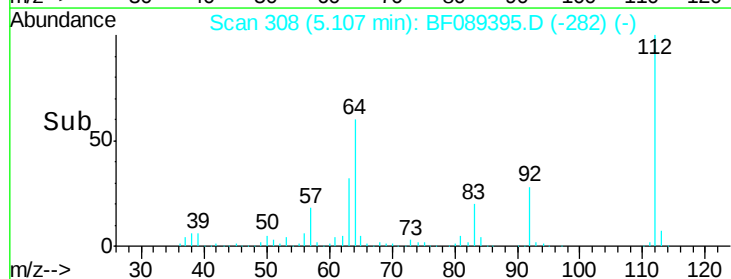
63 32.1 29.4 44.2



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: 134.35 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089395.D

Acq: 29 Jul 2016 6:55

Instrument :

BNA_F

ClientSampleId :

PB92528BL

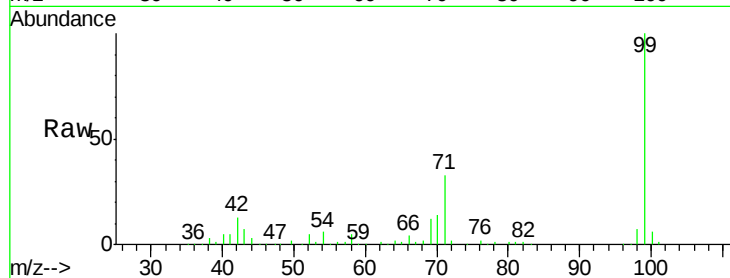
Tgt Ion: 99 Resp: 520539

Ion Ratio Lower Upper

99 100

42 13.5 13.6 20.4#

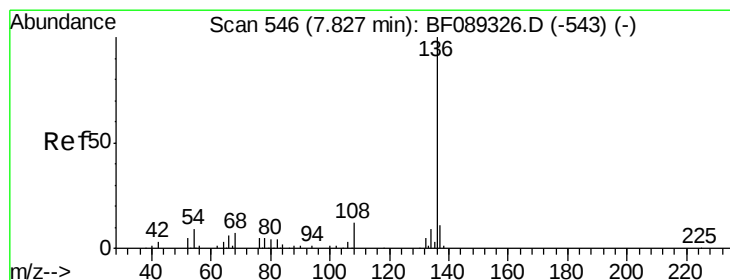
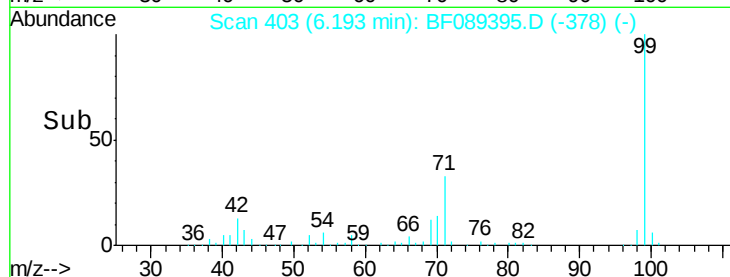
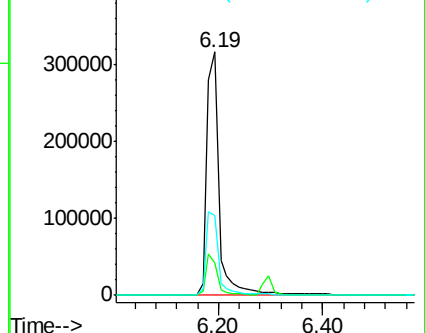
71 32.9 29.4 44.2



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: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089395.D

Acq: 29 Jul 2016 6:55

Tgt Ion: 136 Resp: 179436

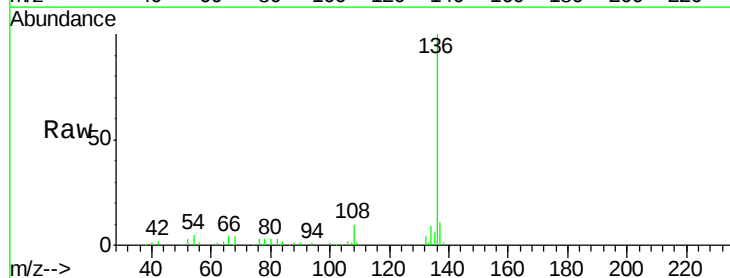
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 5.3 7.0 10.4#

68 4.5 4.9 7.3#

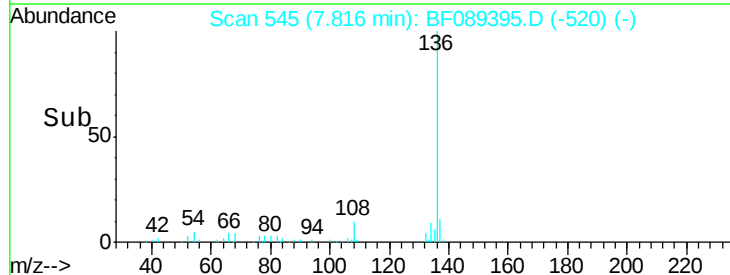
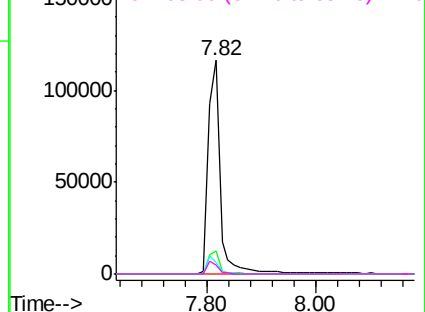


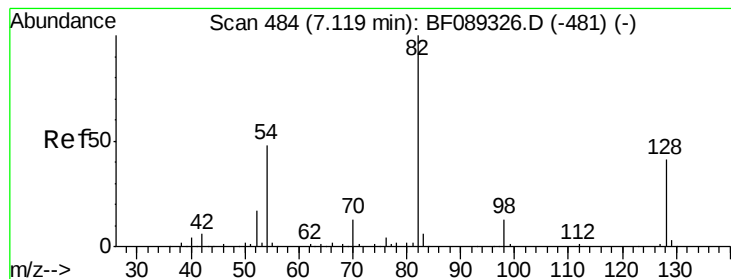
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.45 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089395.D

Acq: 29 Jul 2016 6:55

Instrument :

BNA_F

ClientSampleId :

PB92528BL

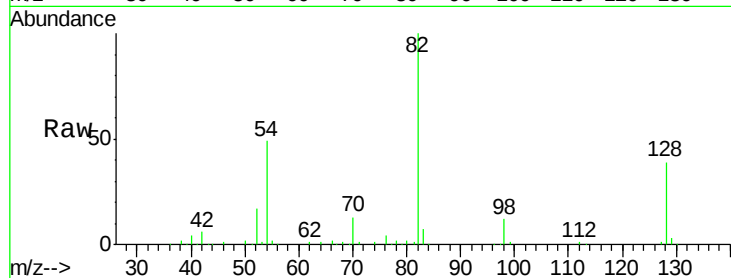
Tgt Ion: 82 Resp: 305362

Ion Ratio Lower Upper

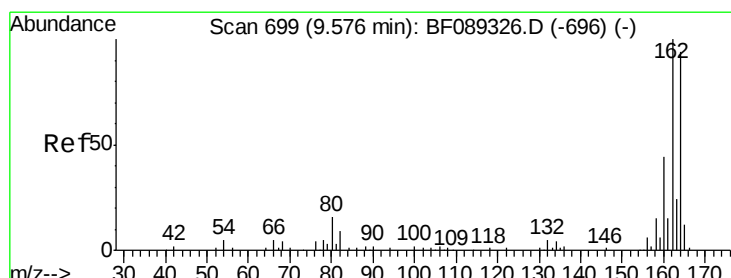
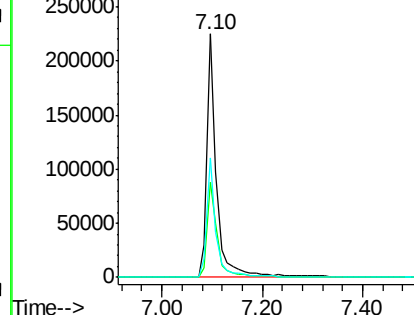
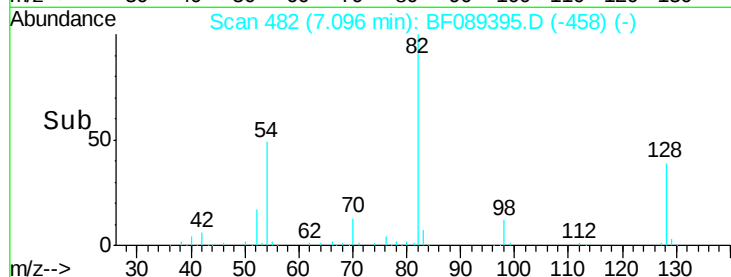
82 100

128 39.2 32.5 48.7

54 48.9 38.8 58.2



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: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF089395.D

Acq: 29 Jul 2016 6:55

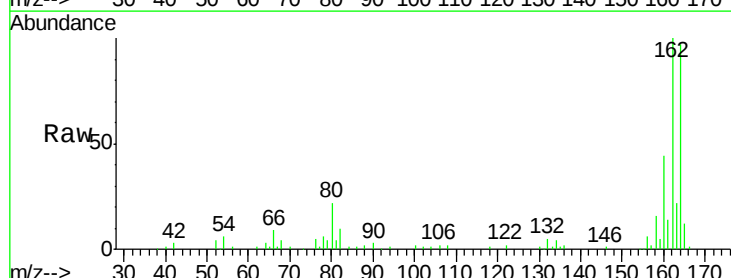
Tgt Ion: 164 Resp: 79873

Ion Ratio Lower Upper

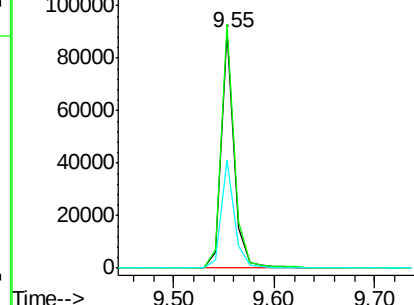
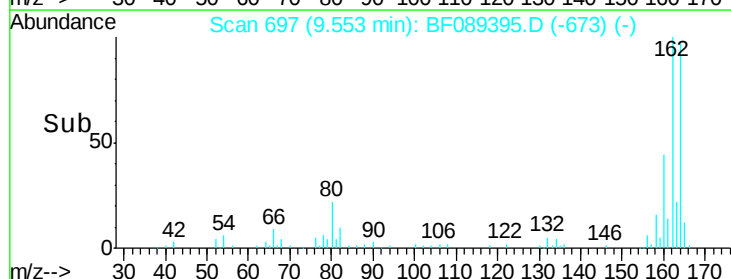
164 100

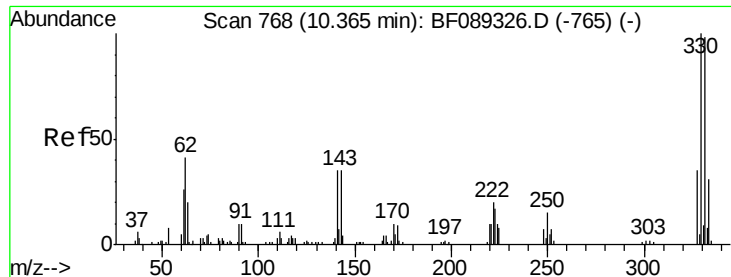
162 103.4 83.7 125.5

160 46.0 37.8 56.6



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

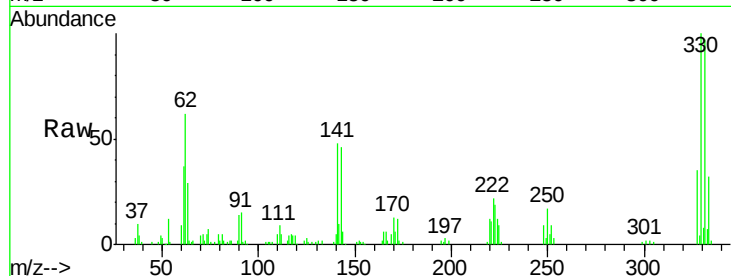




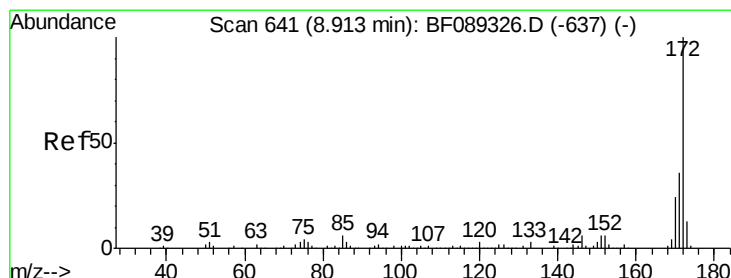
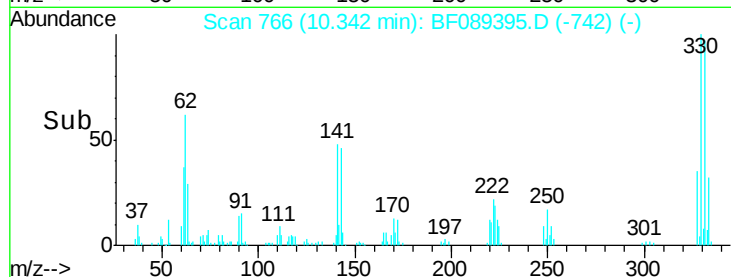
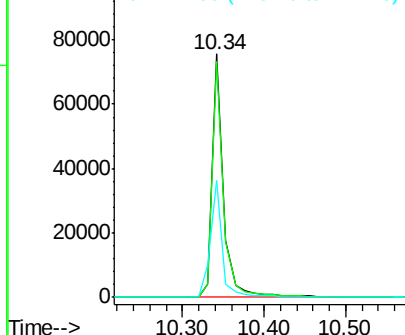
#41
 2,4,6-Tribromophenol
 Concen: 112.37 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BL

Tgt Ion:330 Resp: 74335
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 50.3 37.3 55.9

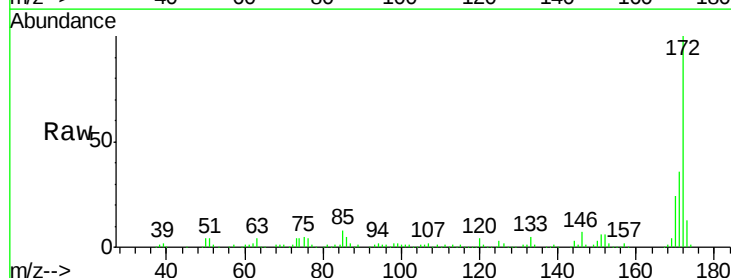


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

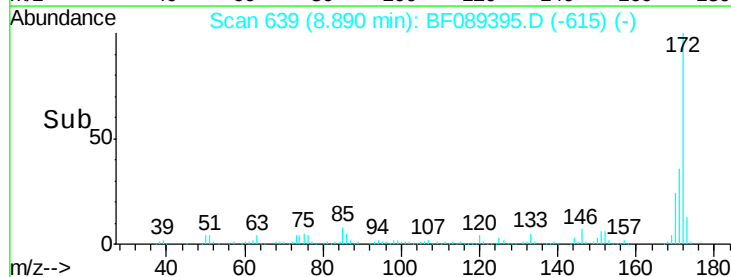
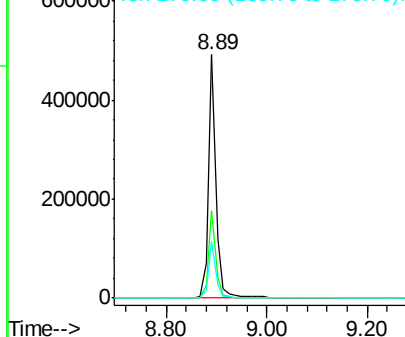


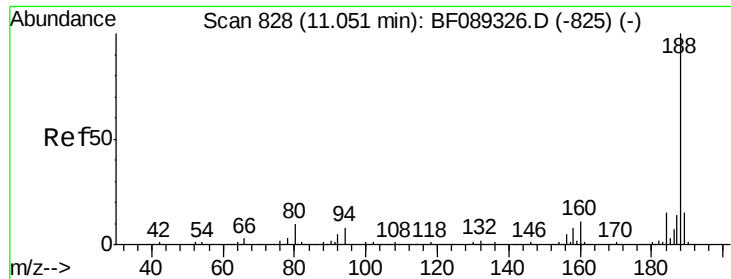
#44
 2-Fluorobiphenyl
 Concen: 94.09 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

Tgt Ion:172 Resp: 512101
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.5 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

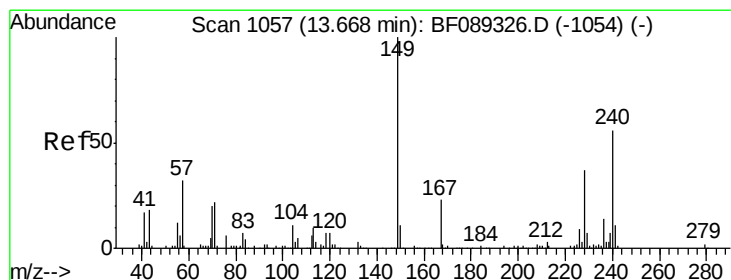
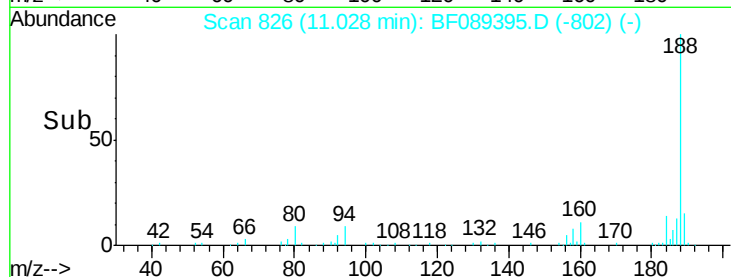
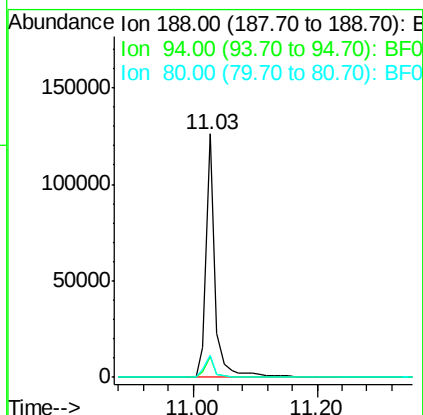
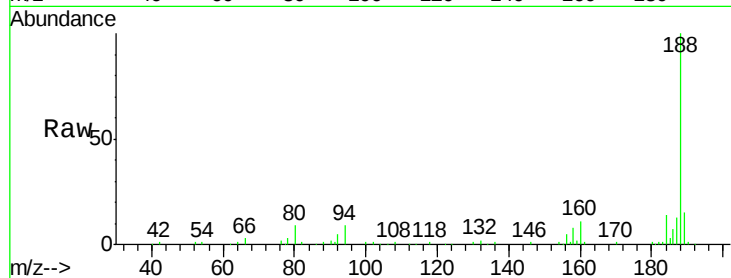




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089395.D
Acq: 29 Jul 2016 6:55

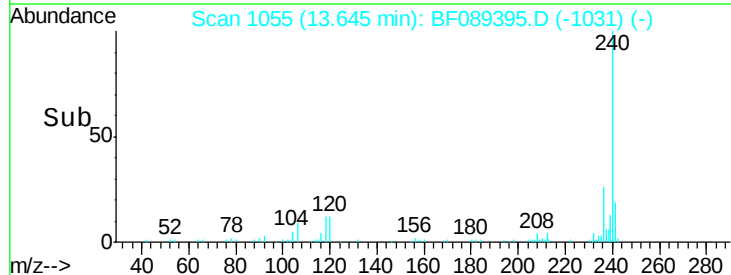
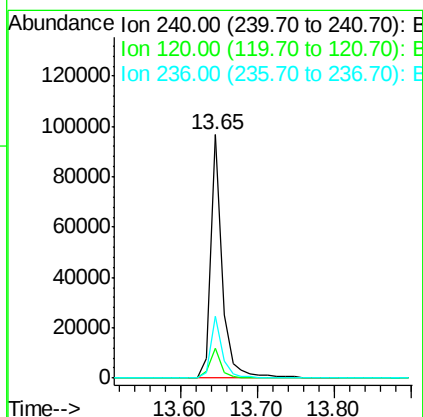
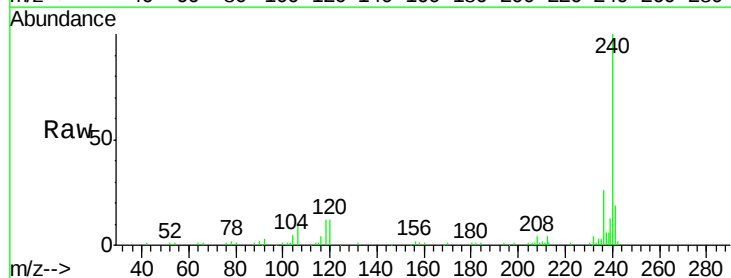
Instrument :
BNA_F
ClientSampleId :
PB92528BL

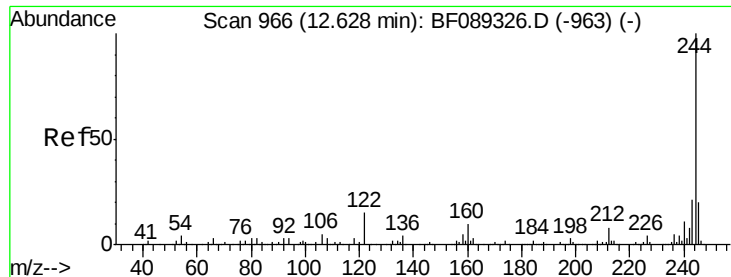
Tgt Ion:188 Resp: 128354
Ion Ratio Lower Upper
188 100
94 8.8 6.5 9.7
80 9.3 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089395.D
Acq: 29 Jul 2016 6:55

Tgt Ion:240 Resp: 99679
Ion Ratio Lower Upper
240 100
120 12.3 9.1 13.7
236 25.7 20.6 30.8

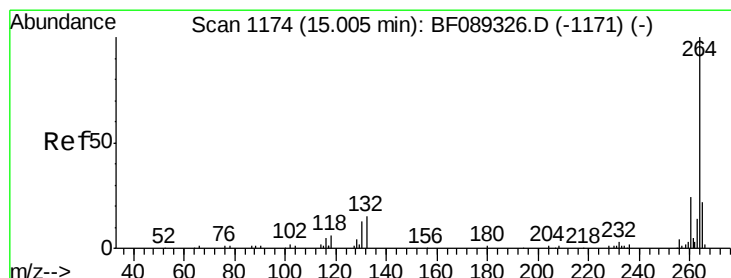
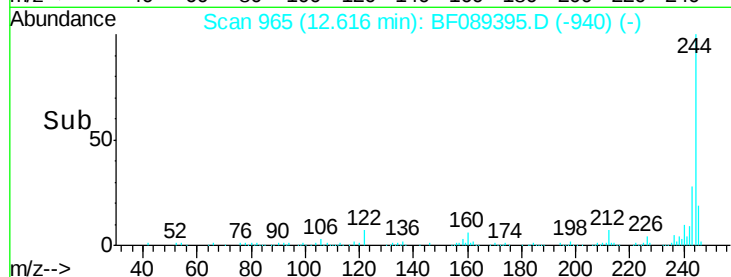
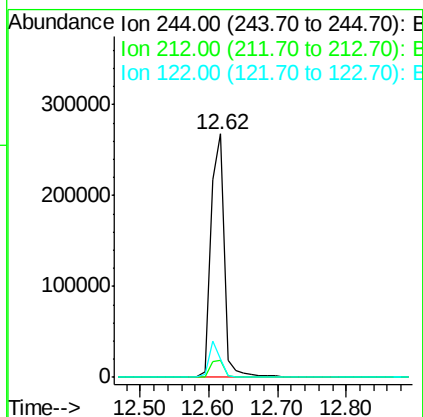
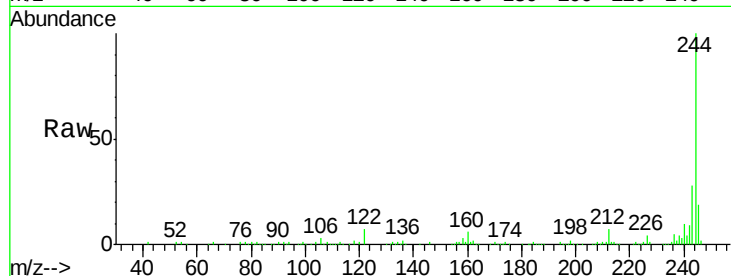




#78
 Terphenyl-d14
 Concen: 86.30 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BL

Tgt Ion:244 Resp: 367535
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 7.3 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

Tgt Ion:264 Resp: 79682
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.2 17.5 26.3

