

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085989.D
 Acq On : 2 Apr 2016 4:30
 Operator : UM/SJ
 Sample : PB89385BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BL

Quant Time: Apr 02 04:58:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105357	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	426495	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	185873	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	394326	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	346965	20.00	ng	0.00
86) Perylene-d12	15.33	264	172681	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	487402	79.08	ng	0.00
7) Phenol-d6	6.41	99	591925	75.61	ng	-0.01
23) Nitrobenzene-d5	7.33	82	533783	73.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	145953	83.66	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	951449	85.11	ng	-0.01
78) Terphenyl-d14	12.88	244	1055961	71.54	ng	0.00

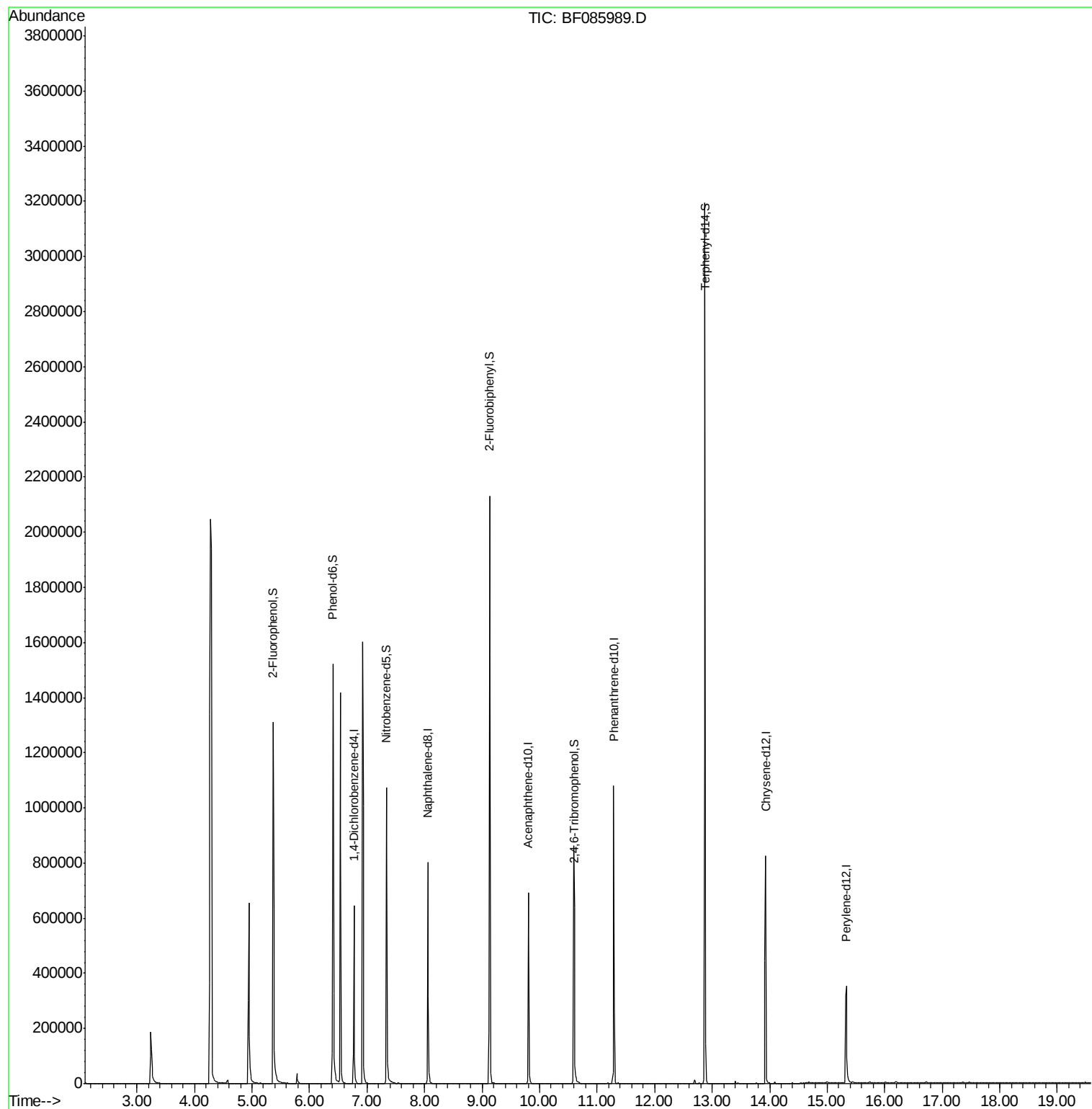
Target Compounds Qvalue

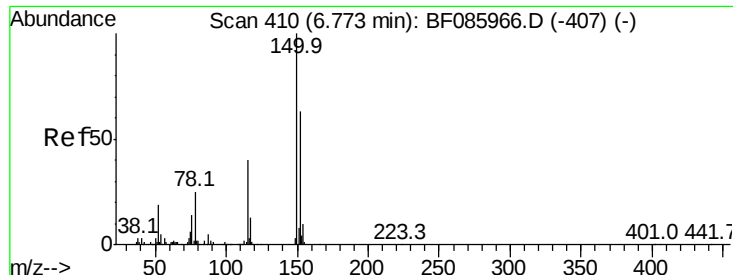
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

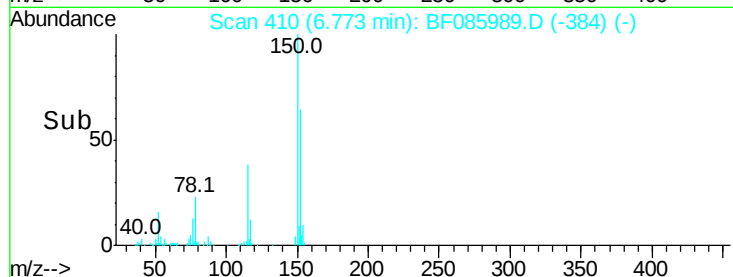
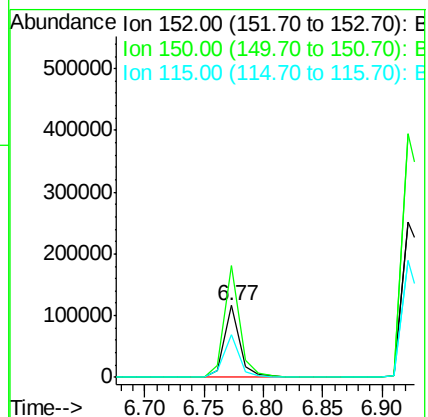
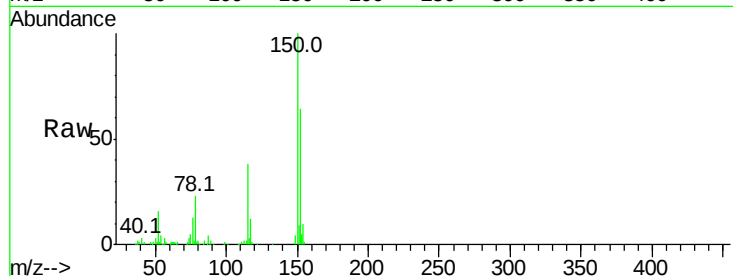
Tot Ion:152 Resp: 105357

Ion Ratio Lower Upper

152 100

150 155.8 124.2 186.2

115 59.5 47.0 70.6



#5

2-Fluorophenol

Concen: 79.08 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

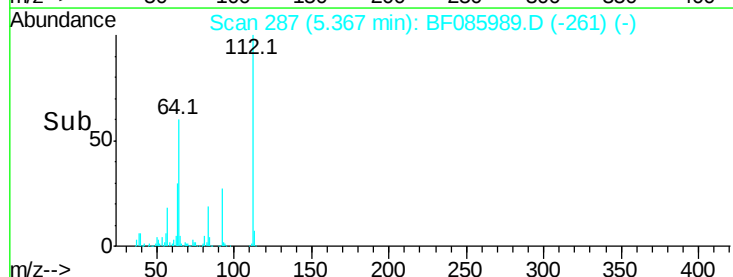
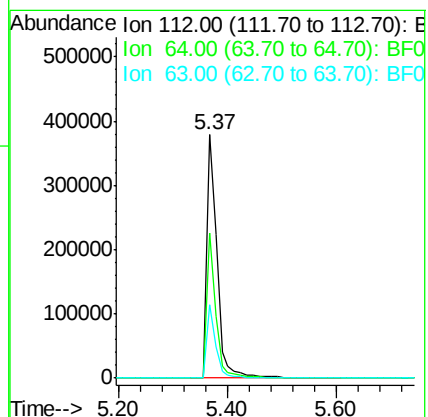
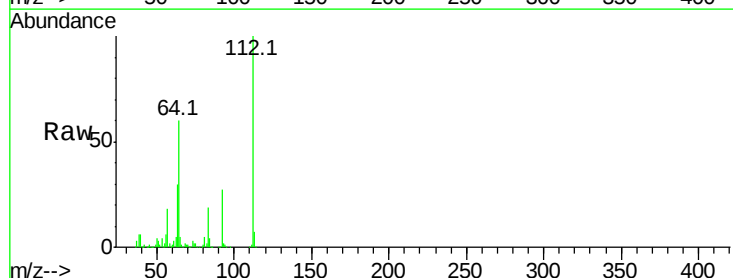
Tgt Ion:112 Resp: 487402

Ion Ratio Lower Upper

112 100

64 59.7 39.9 59.9

63 30.1 20.2 30.2





#7

Phenol-d6

Concen: 75.61 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

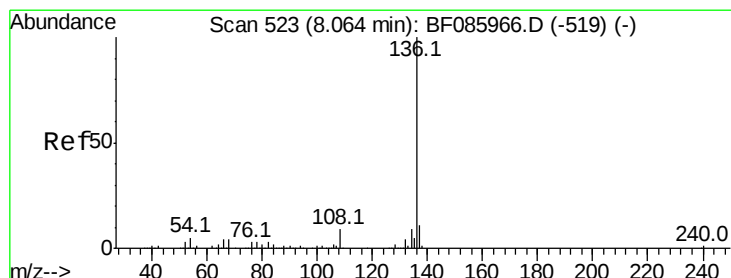
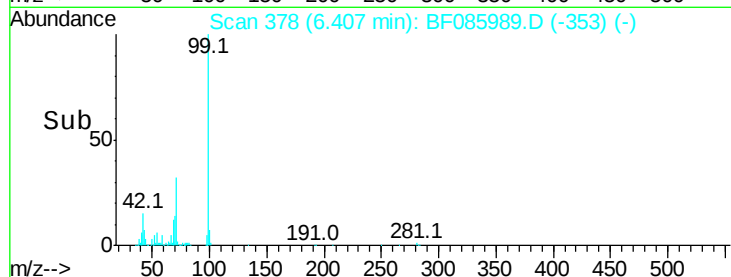
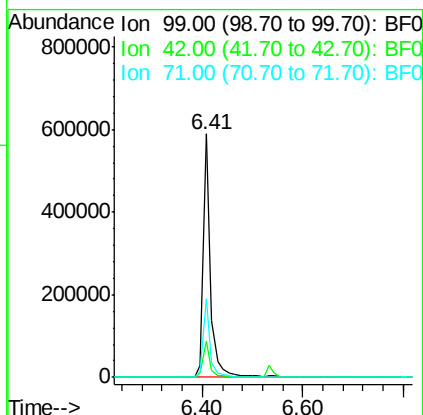
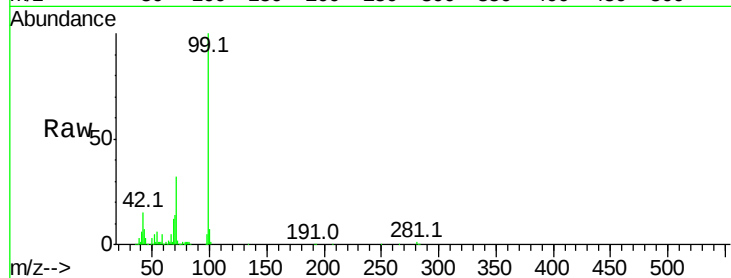
Tot Ion: 99 Resp: 591925

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

71 32.3 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Tgt Ion: 136 Resp: 426495

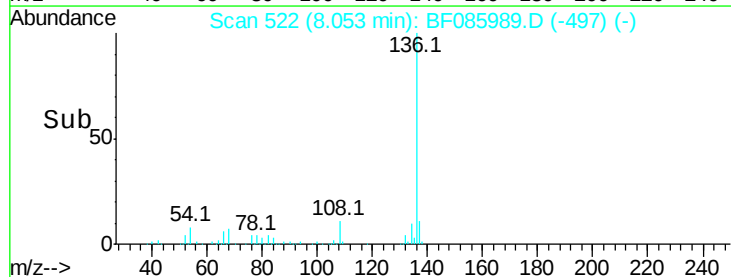
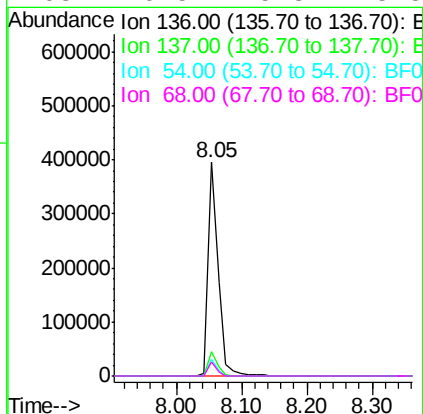
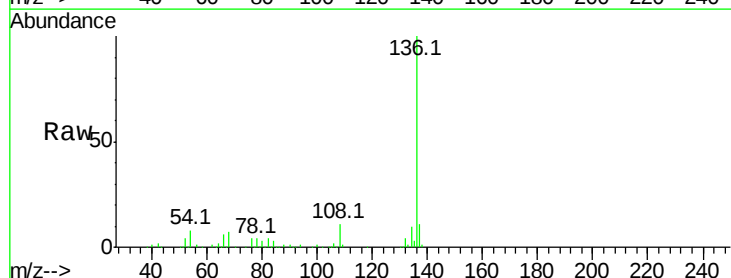
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.8 7.4 11.0

68 6.5 5.8 8.8

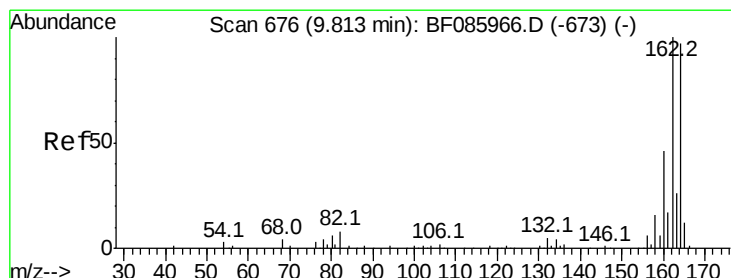
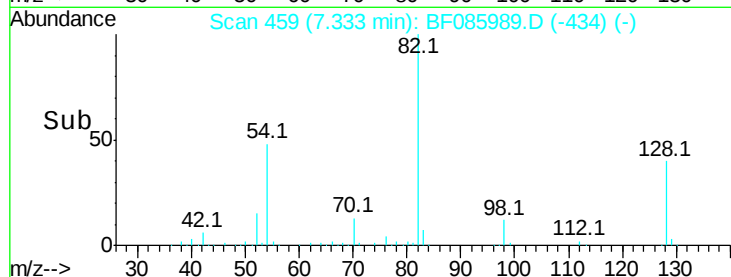
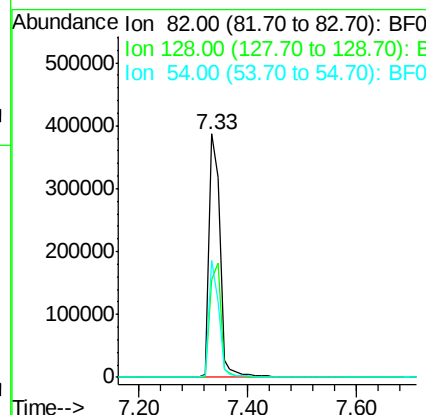
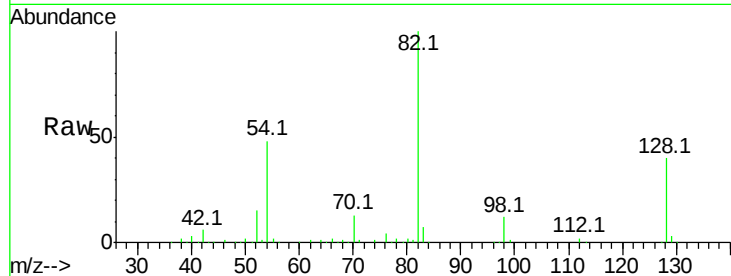




#23
 Nitrobenzene-d5
 Concen: 73.81 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085989.D
 Acq: 2 Apr 2016 4:30

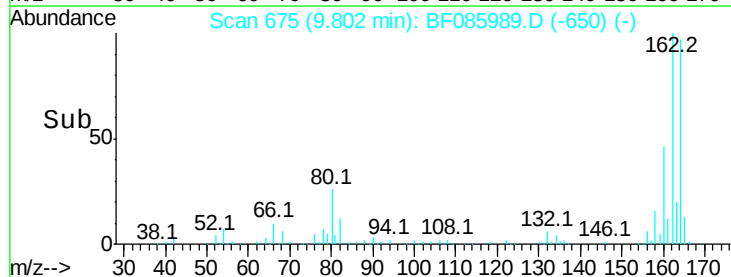
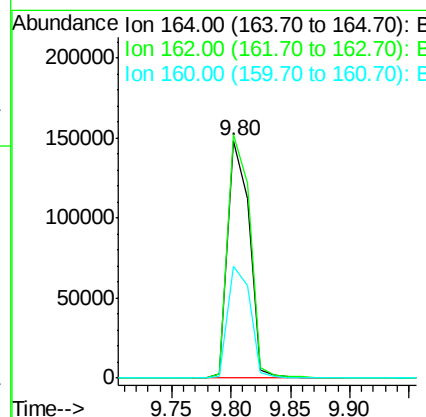
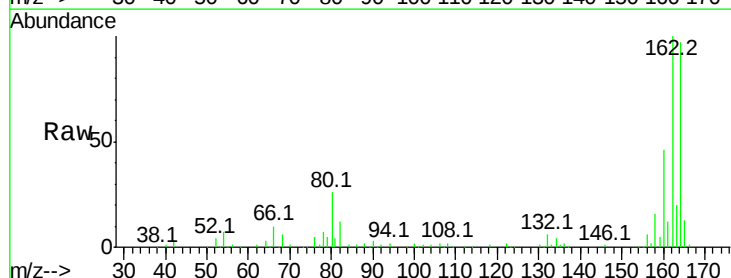
Instrument :
 BNA_F
 ClientSampled :
 PB89385BL

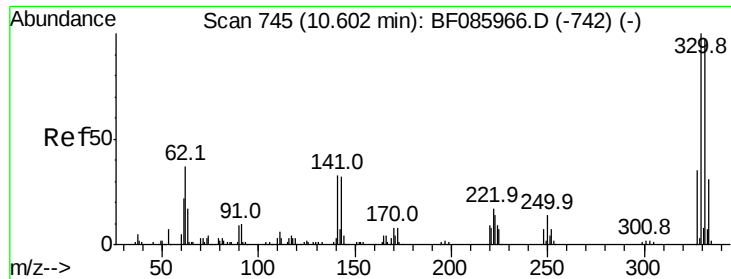
Tot Ion: 82 Resp: 533783
 Ion Ratio Lower Upper
 82 100
 128 39.9 41.8 62.8#
 54 47.8 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF085989.D
 Acq: 2 Apr 2016 4:30

Tgt Ion:164 Resp: 185873
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.1 123.1
 160 47.0 37.4 56.2

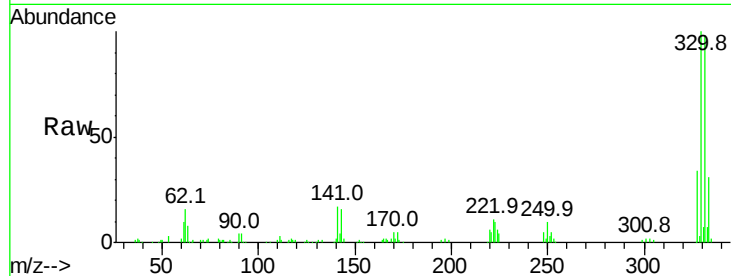




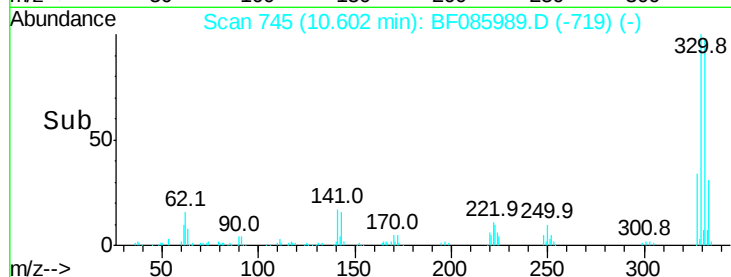
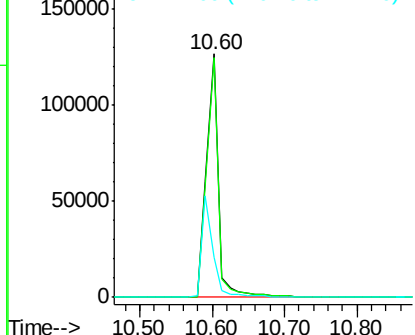
#41
 2,4,6-Tribromophenol
 Concen: 83.66 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085989.D
 Acq: 2 Apr 2016 4:30

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BL

Tot Ion:330 Resp: 145953
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.2
 141 39.1 31.5 47.3

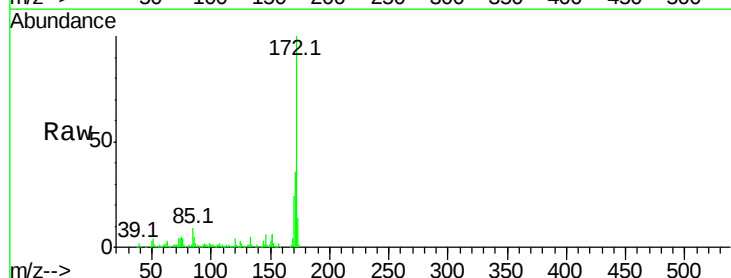


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

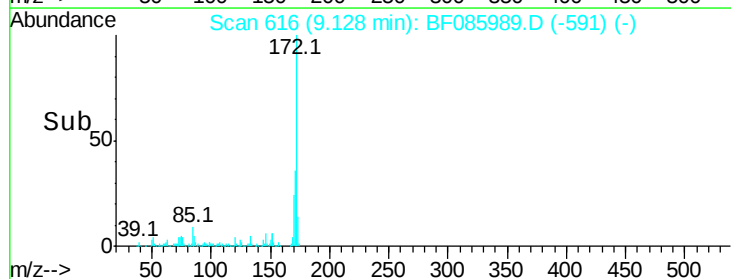
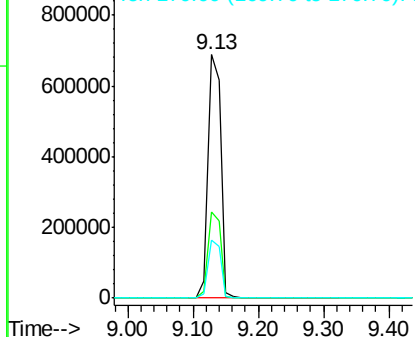


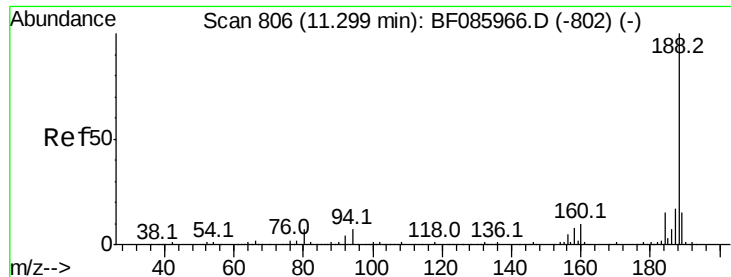
#44
 2-Fluorobiphenyl
 Concen: 85.11 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF085989.D
 Acq: 2 Apr 2016 4:30

Tgt Ion:172 Resp: 951449
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 24.1 19.8 29.6



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

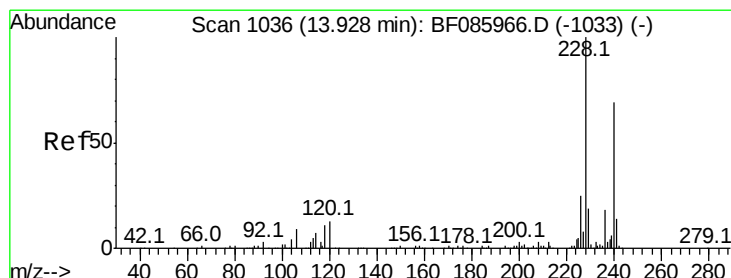
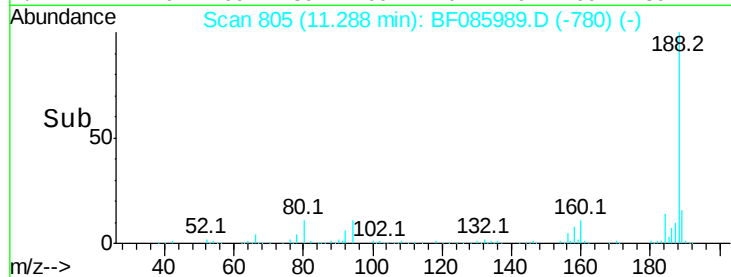
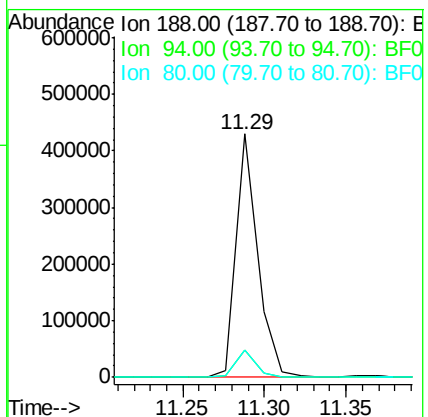
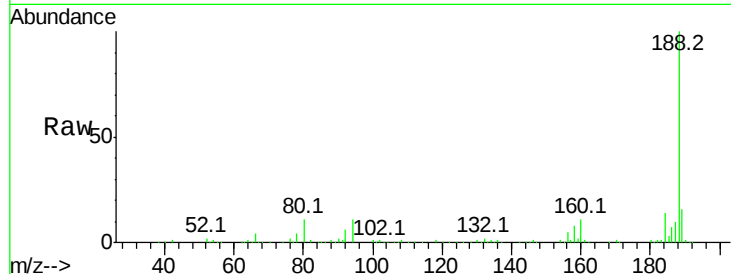




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085989.D
Acq: 2 Apr 2016 4:30

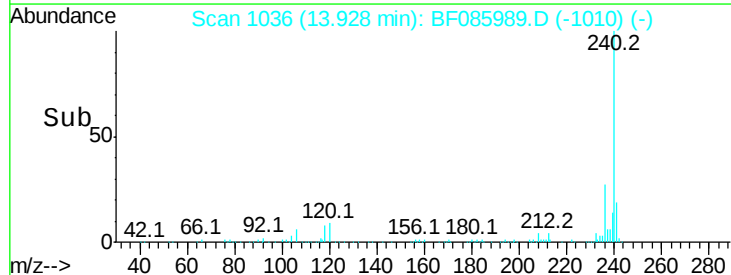
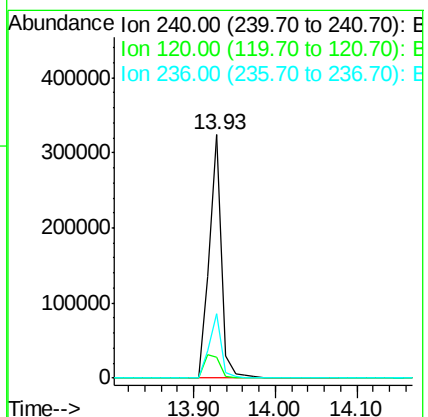
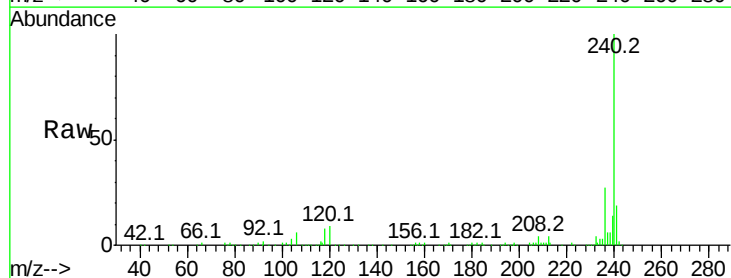
Instrument :
BNA_F
ClientSampleId :
PB89385BL

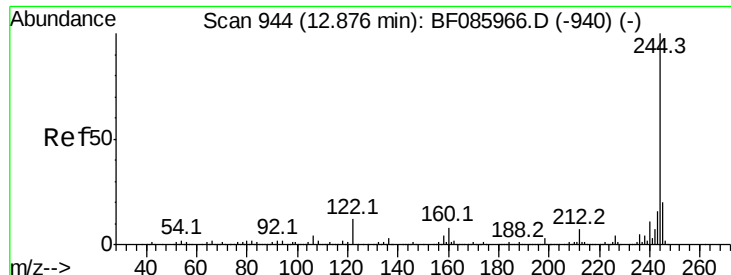
Tot Ion:188 Resp: 394326
Ion Ratio Lower Upper
188 100
94 11.1 5.4 8.0#
80 11.3 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085989.D
Acq: 2 Apr 2016 4:30

Tgt Ion:240 Resp: 346965
Ion Ratio Lower Upper
240 100
120 8.6 13.8 20.8#
236 26.5 20.6 30.8





#78

Terphenyl-d14

Concen: 71.54 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

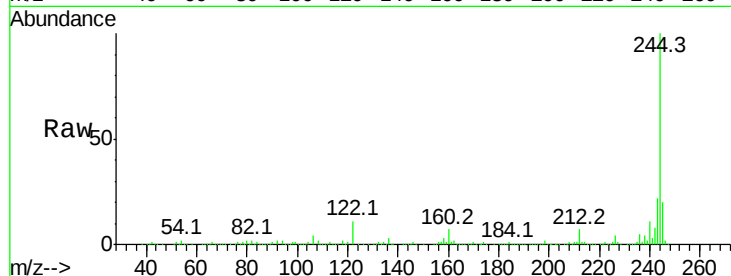
Tot Ion:244 Resp: 1055961

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

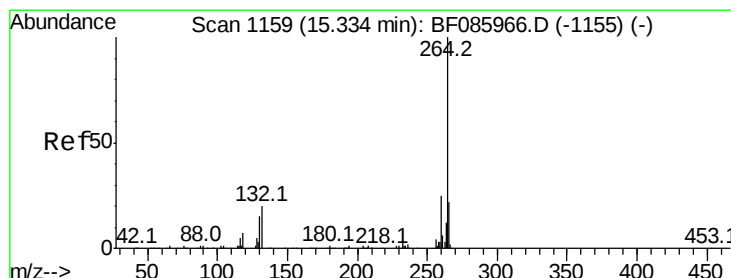
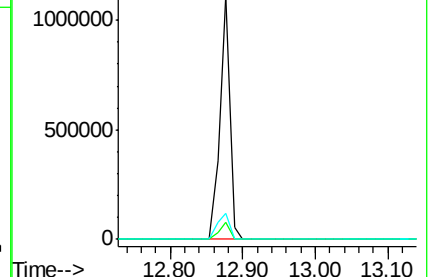
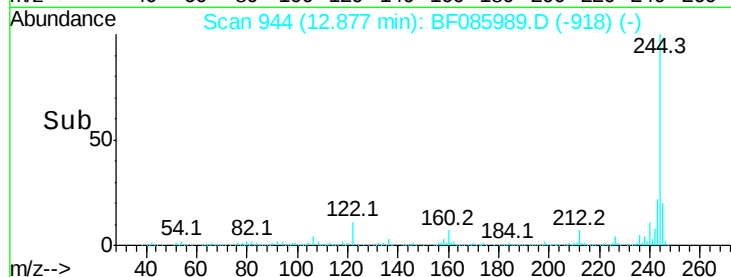
122 10.7 10.2 15.4



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: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

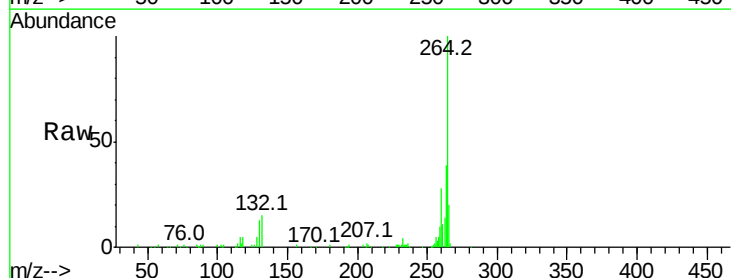
Tgt Ion:264 Resp: 172681

Ion Ratio Lower Upper

264 100

260 28.1 19.4 29.2

265 20.5 17.2 25.8



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

