

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089204.D
 Acq On : 22 Jul 2016 20:51
 Operator : UM/SJ
 Sample : PB92343BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BL

Quant Time: Jul 22 23:25:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46728	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	201247	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	99841	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	206681	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	158827	20.00	ng	-0.02
86) Perylene-d12	15.05	264	122140	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	372017	121.08	ng	-0.02
7) Phenol-d6	6.24	99	531639	134.18	ng	-0.03
23) Nitrobenzene-d5	7.15	82	335437	88.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	112485	125.14	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	633038	87.36	ng	-0.02
78) Terphenyl-d14	12.67	244	599023	81.80	ng	-0.01

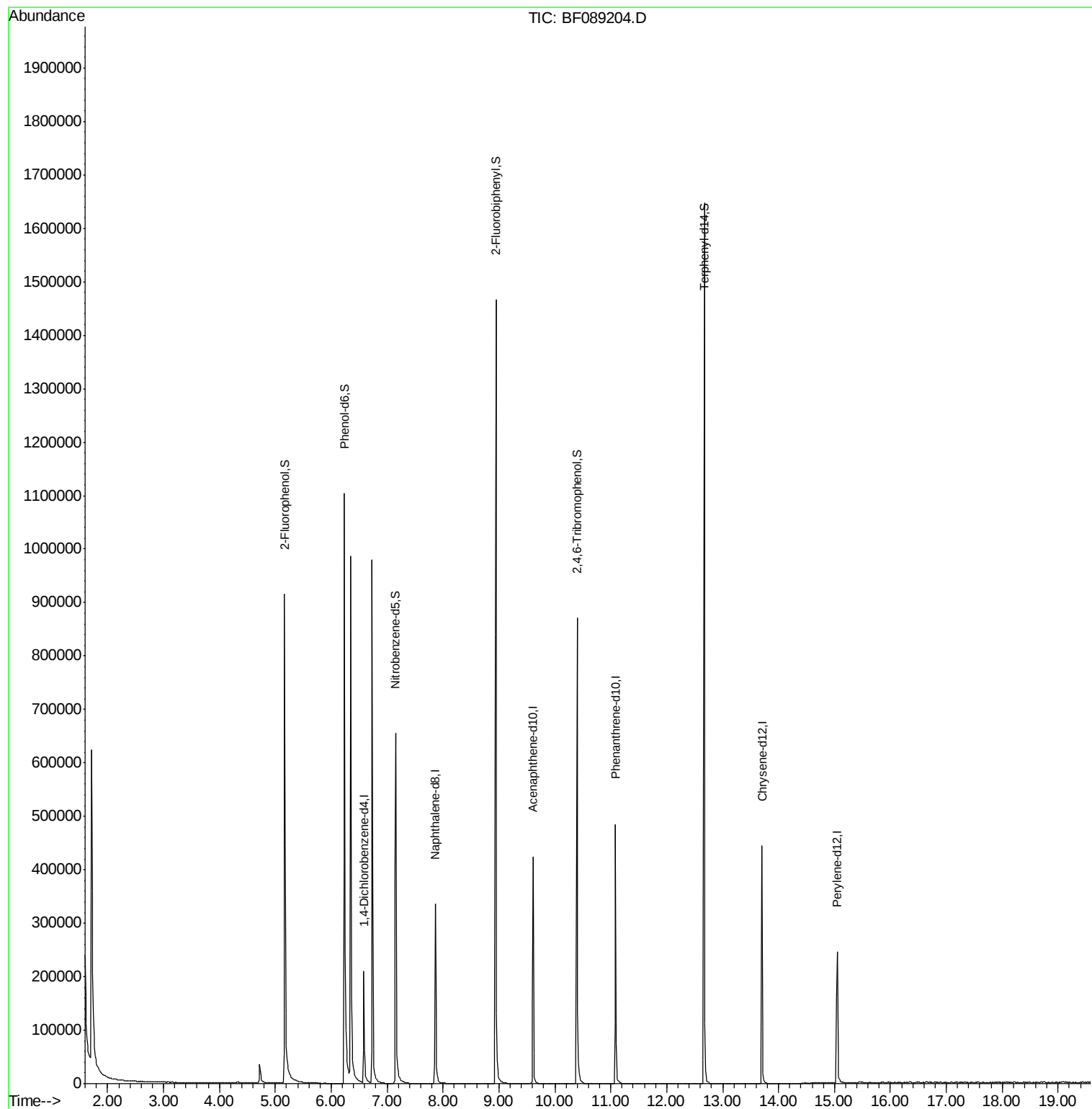
Target Compounds	Qvalue
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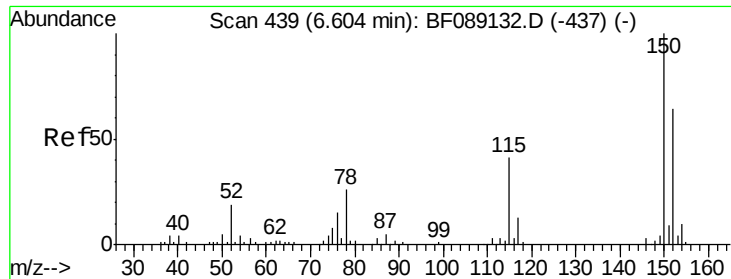
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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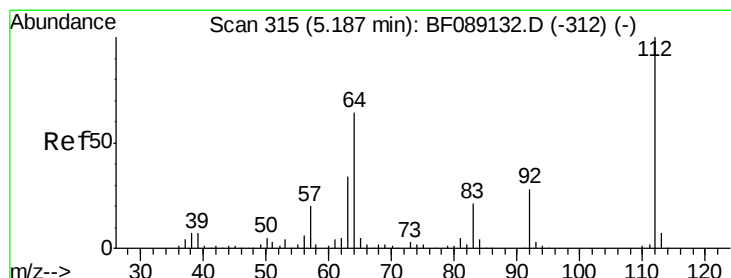
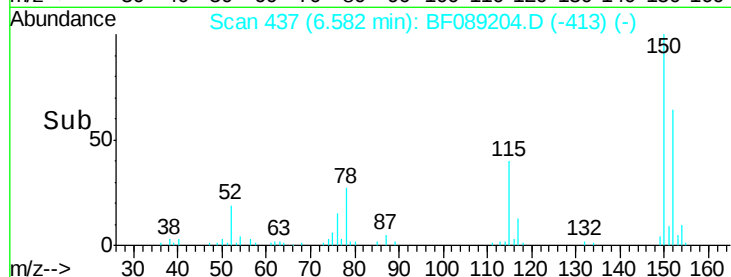
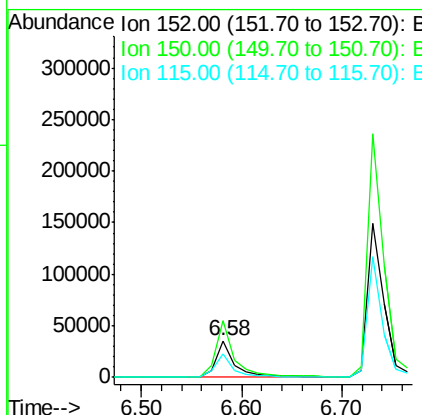
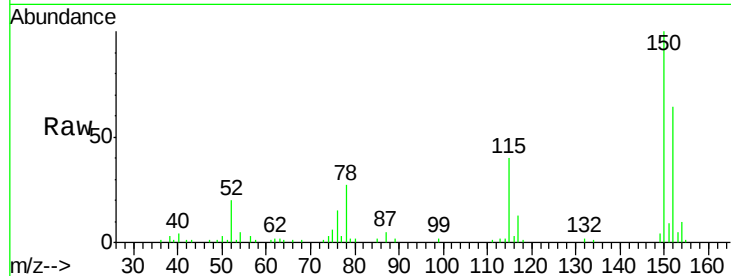




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089204.D
 Acq: 22 Jul 2016 20:51

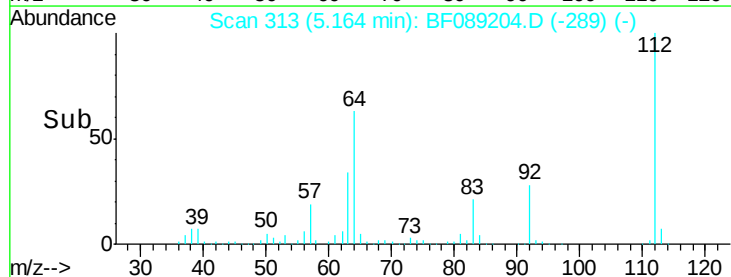
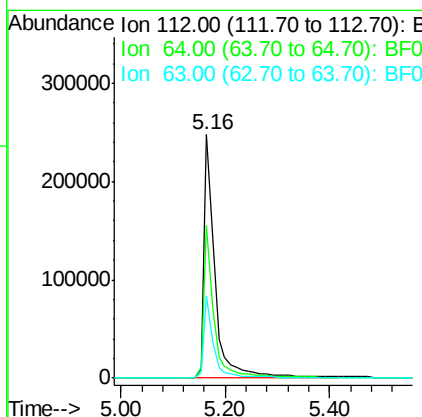
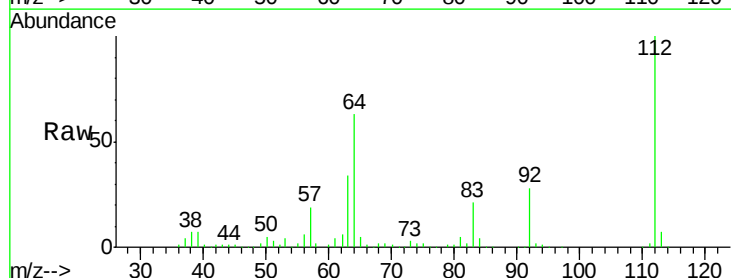
Instrument :
 BNA_F
 ClientSampleId :
 PB92343BL

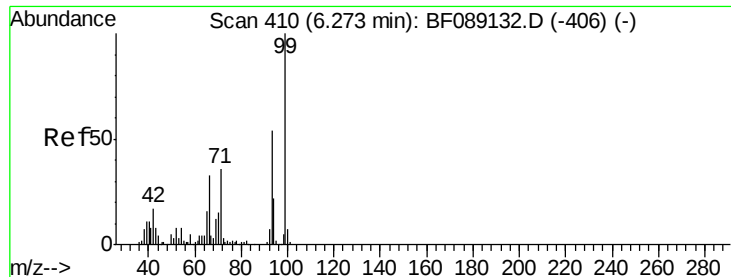
Tgt Ion:152 Resp: 46728
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.1 187.7
 115 62.6 51.1 76.7



#5
 2-Fluorophenol
 Concen: 121.08 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089204.D
 Acq: 22 Jul 2016 20:51

Tgt Ion:112 Resp: 372017
 Ion Ratio Lower Upper
 112 100
 64 62.5 51.0 76.4
 63 33.6 27.3 40.9





#7

Phenol-d6

Concen: 134.18 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089204.D

Acq: 22 Jul 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB92343BL

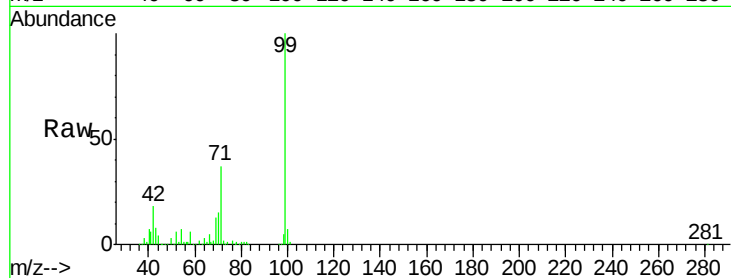
Tgt Ion: 99 Resp: 531639

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

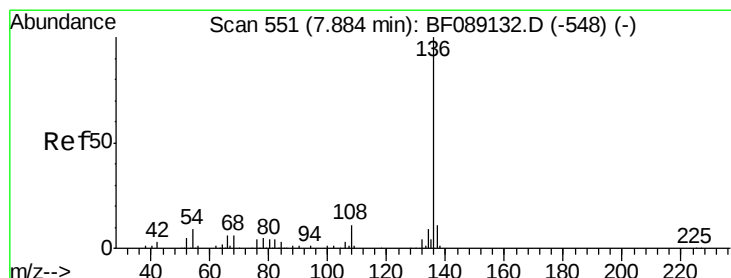
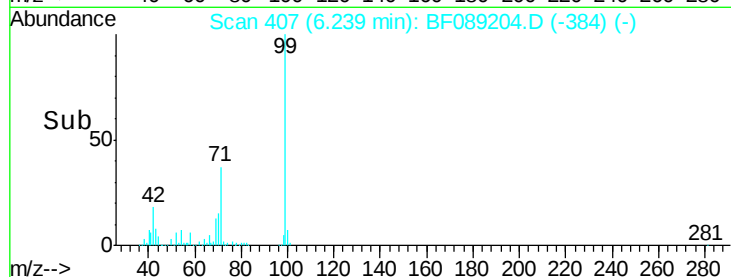
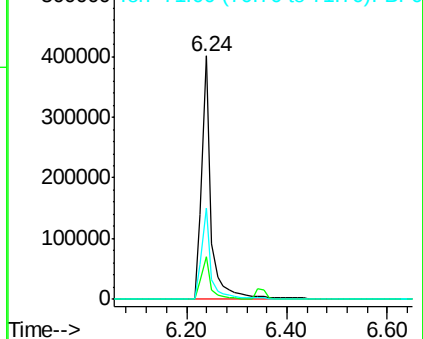
71 37.5 28.9 43.3



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: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089204.D

Acq: 22 Jul 2016 20:51

Tgt Ion: 136 Resp: 201247

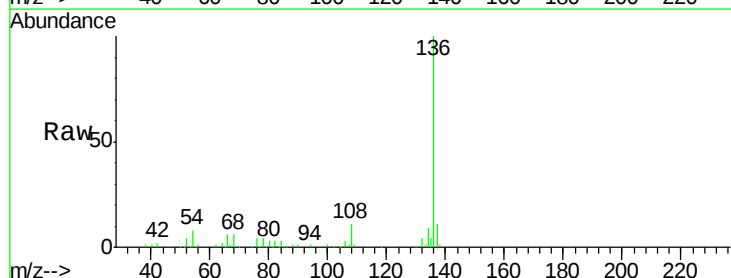
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.8 7.0 10.4

68 5.9 5.0 7.6

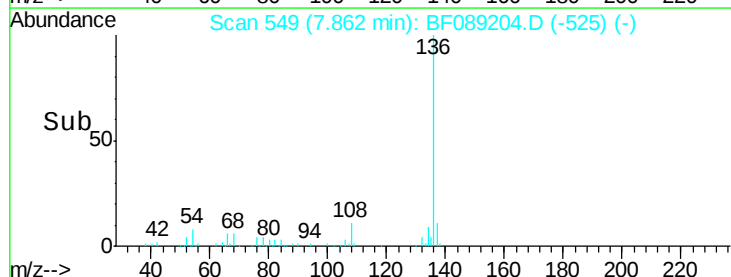
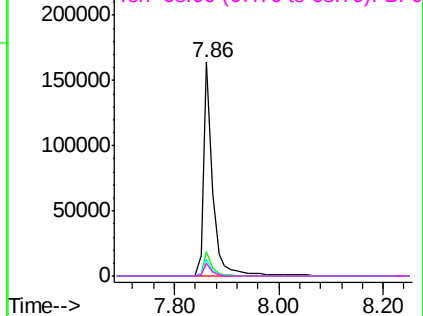


Abundance Ion 136.00 (135.70 to 136.70): E

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

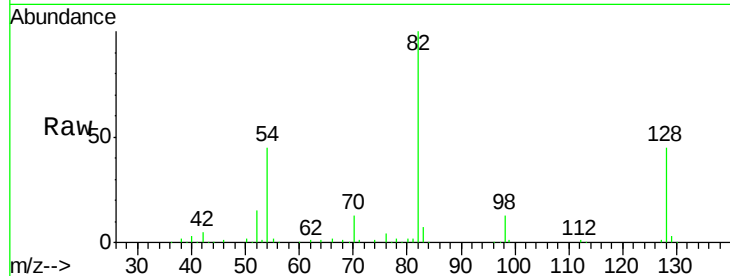




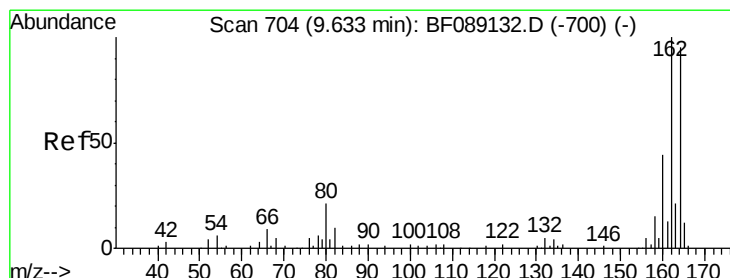
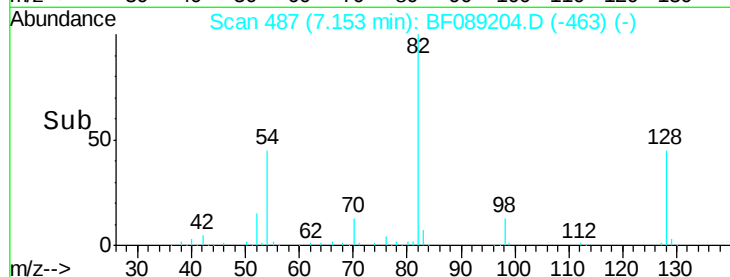
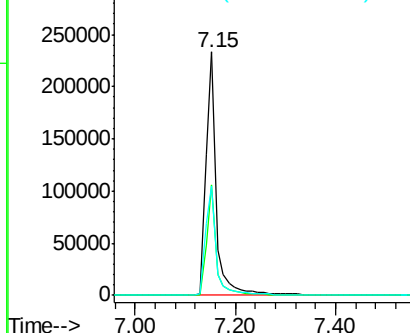
#23
 Nitrobenzene-d5
 Concen: 88.56 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089204.D
 Acq: 22 Jul 2016 20:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	33.0	49.6
54	44.7	39.0	58.4

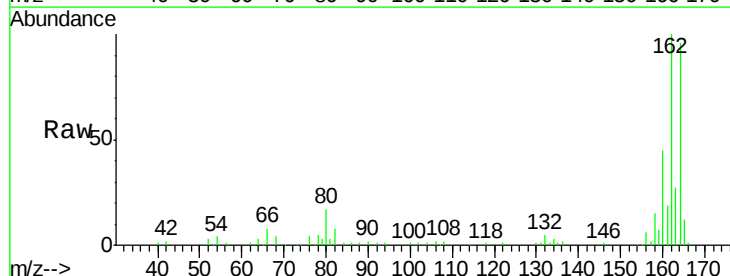


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

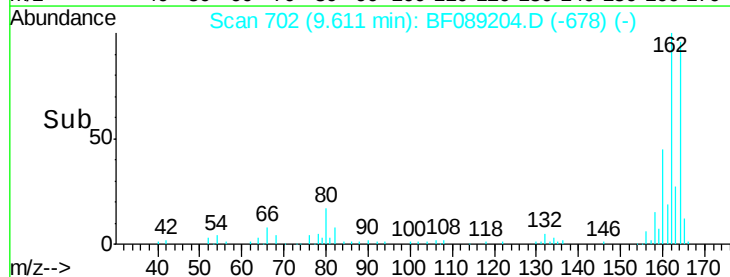
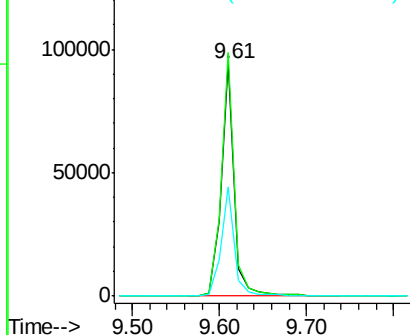


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089204.D
 Acq: 22 Jul 2016 20:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.1	126.1
160	47.1	37.1	55.7



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

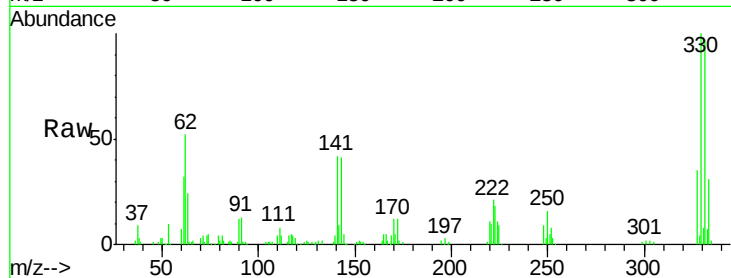




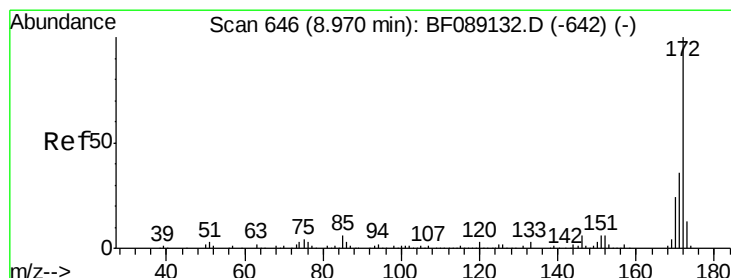
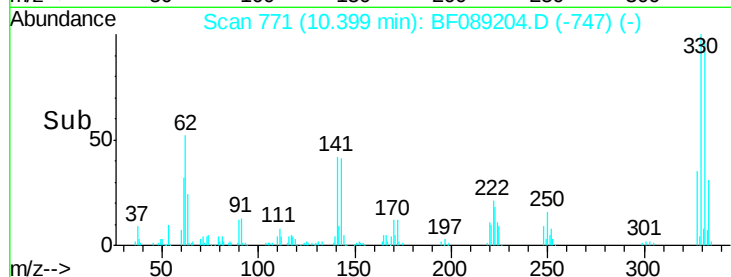
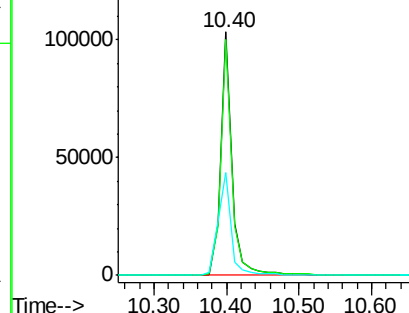
#41
 2,4,6-Tribromophenol
 Concen: 125.14 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089204.D
 Acq: 22 Jul 2016 20:51

Instrument :
 BNA_F
 ClientSampleID :
 PB92343BL

Tgt Ion: 330 Resp: 112485
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 49.0 42.2 63.2

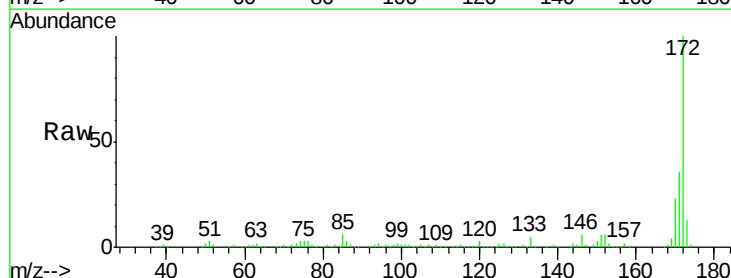


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

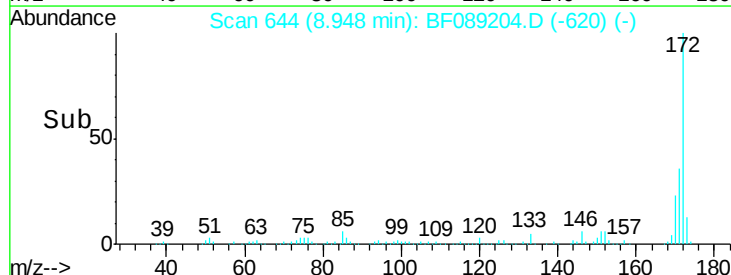
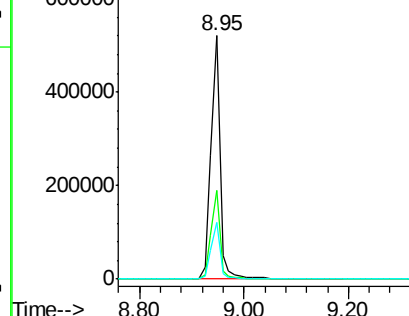


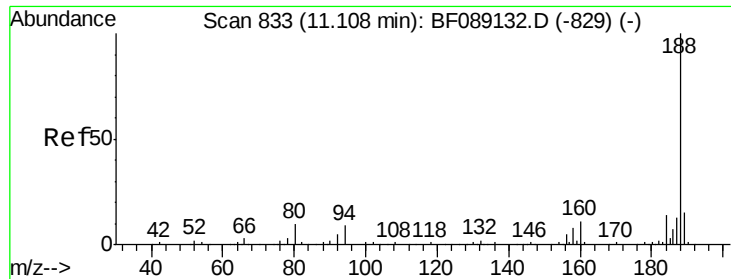
#44
 2-Fluorobiphenyl
 Concen: 87.36 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089204.D
 Acq: 22 Jul 2016 20:51

Tgt Ion: 172 Resp: 633038
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.5 19.1 28.7



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

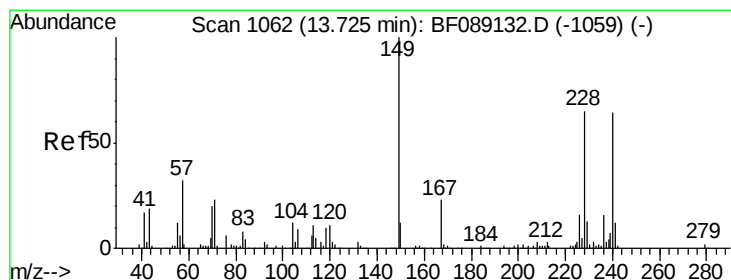
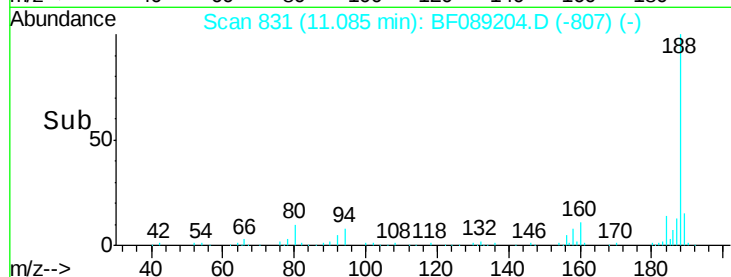
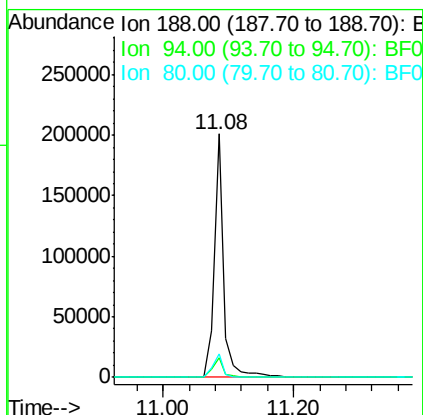
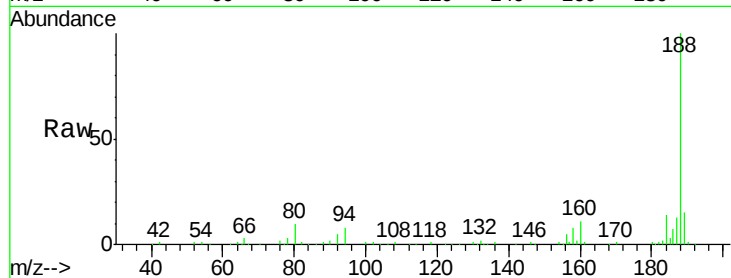




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089204.D
Acq: 22 Jul 2016 20:51

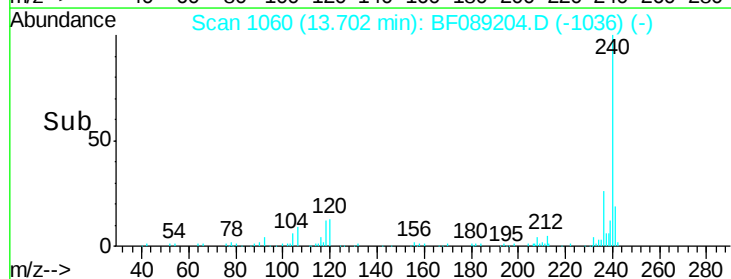
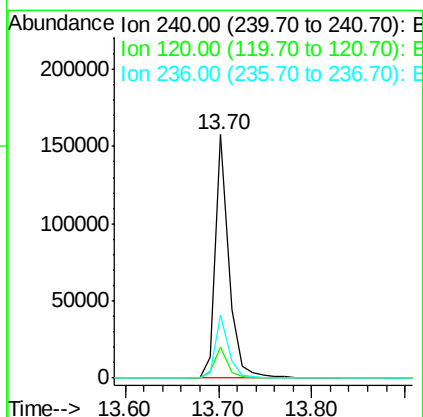
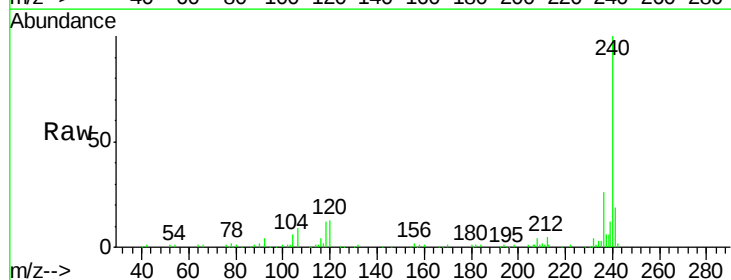
Instrument :
BNA_F
ClientSampleId :
PB92343BL

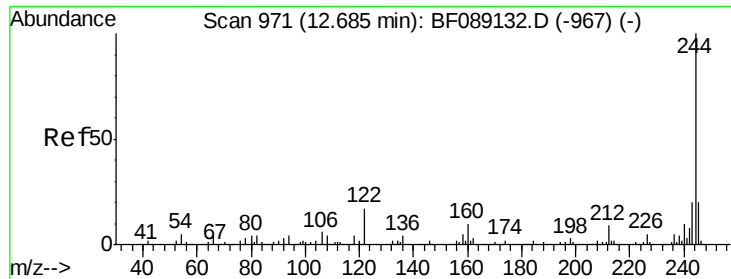
Tgt Ion:188 Resp: 206681
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF089204.D
Acq: 22 Jul 2016 20:51

Tgt Ion:240 Resp: 158827
Ion Ratio Lower Upper
240 100
120 12.9 13.6 20.4#
236 25.7 20.5 30.7

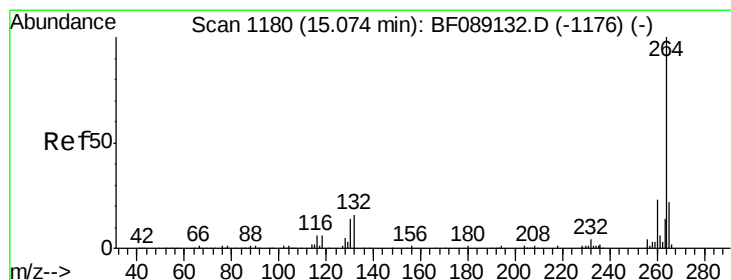
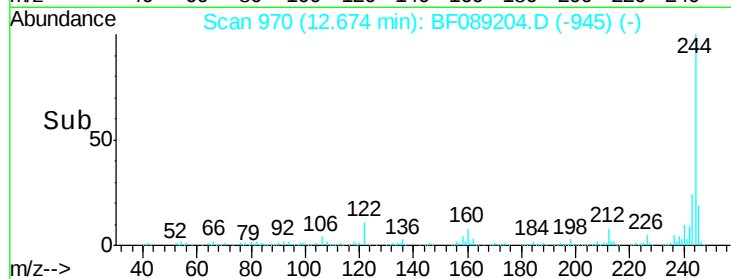
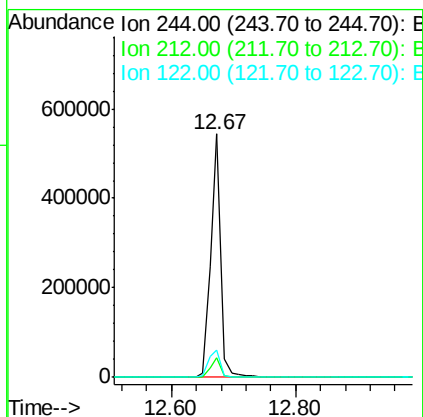
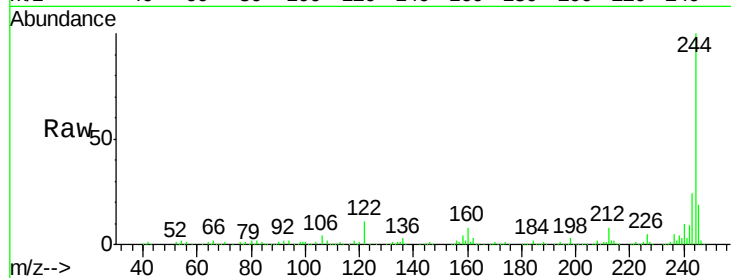




#78
 Terphenyl-d14
 Concen: 81.80 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089204.D
 Acq: 22 Jul 2016 20:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BL

Tgt Ion:244 Resp: 599023
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.0 10.4
 122 11.3 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089204.D
 Acq: 22 Jul 2016 20:51

Tgt Ion:264 Resp: 122140
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 21.0 17.3 25.9

