

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089506.D
 Acq On : 1 Aug 2016 12:39
 Operator : UM/SJ
 Sample : PB92593BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92593BL

Quant Time: Aug 02 02:22:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	38264	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	153722	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	75569	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	153059	20.00	ng	0.00
75) Chrysene-d12	13.60	240	121074	20.00	ng	-0.01
86) Perylene-d12	14.93	264	83966	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	338970	141.45	ng	0.02
7) Phenol-d6	6.15	99	435646	137.56	ng	0.00
23) Nitrobenzene-d5	7.05	82	254506	97.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	71410	114.10	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	452514	87.88	ng	-0.01
78) Terphenyl-d14	12.57	244	435534	84.19	ng	0.00

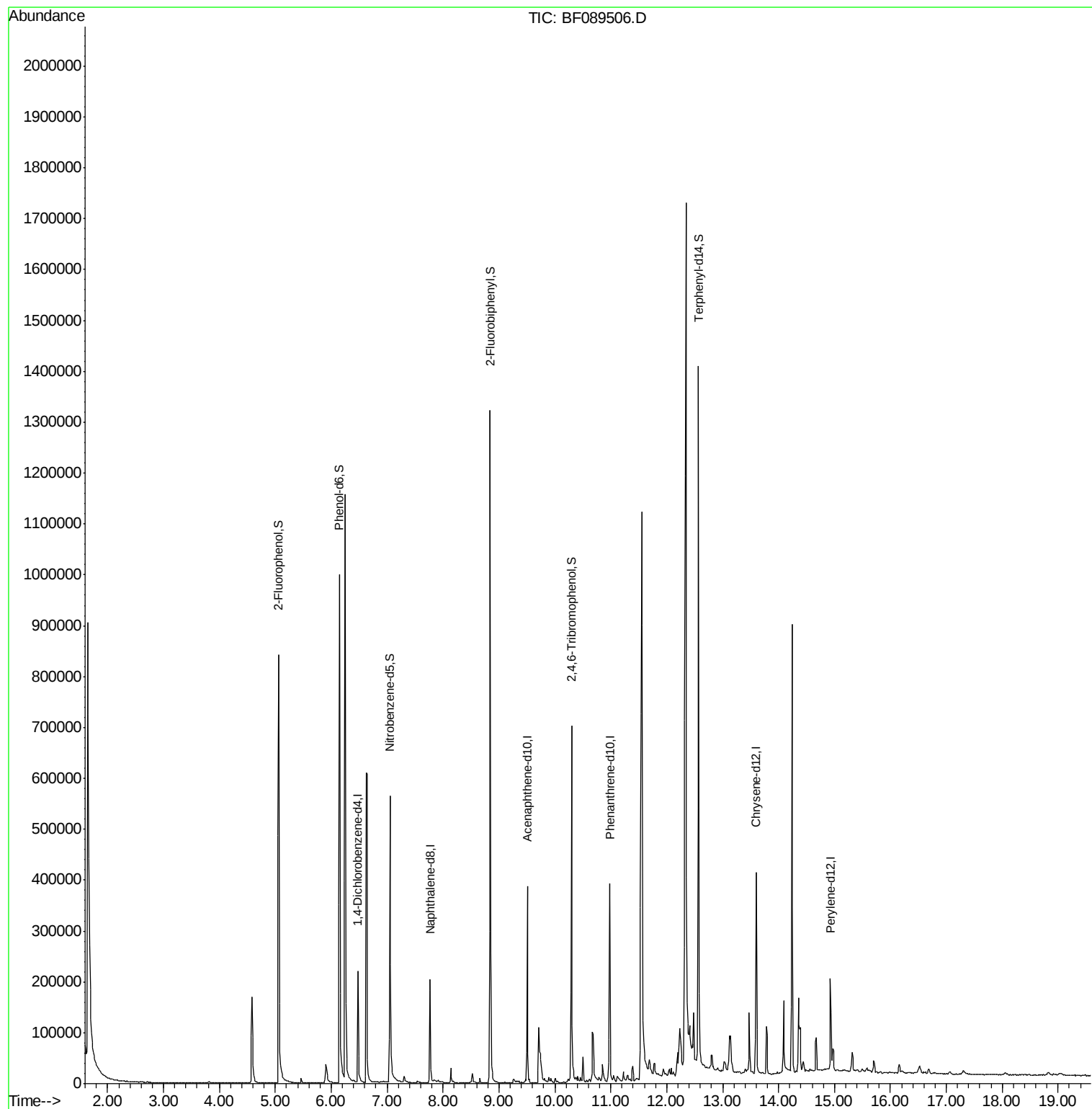
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB92593BL

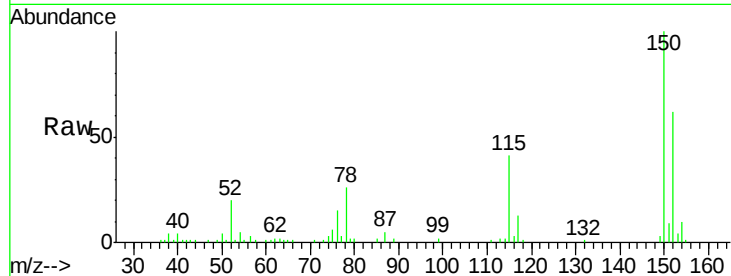
Tot Ion:152 Resp: 38264

Ion Ratio Lower Upper

152 100

150 160.2 129.5 194.3

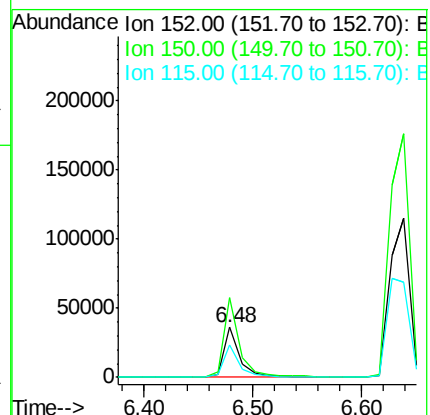
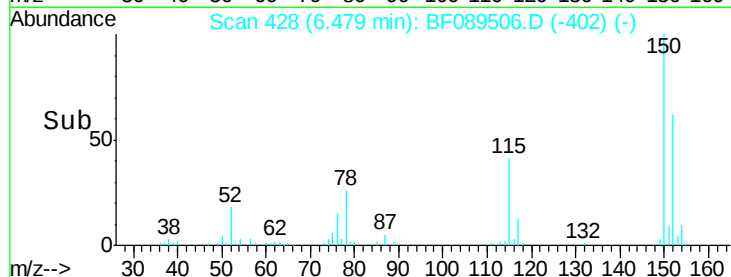
115 65.2 51.4 77.2



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: 141.45 ng

RT: 5.06 min Scan# 304

Delta R.T. 0.02 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

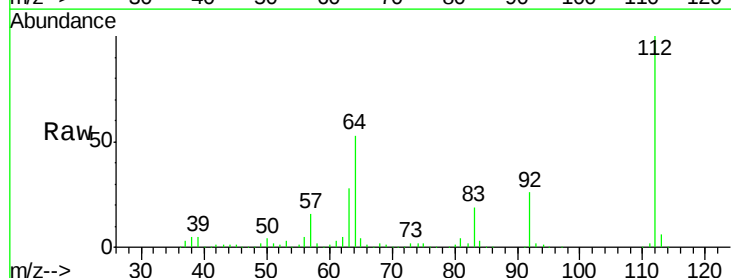
Tgt Ion:112 Resp: 338970

Ion Ratio Lower Upper

112 100

64 53.1 55.0 82.6#

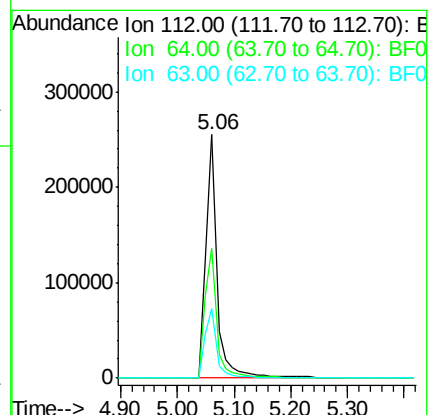
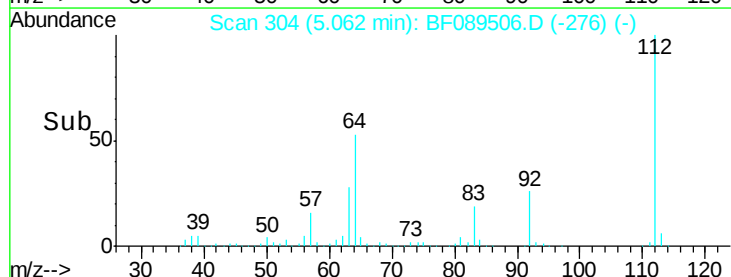
63 28.4 29.4 44.2#



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: 137.56 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB92593BL

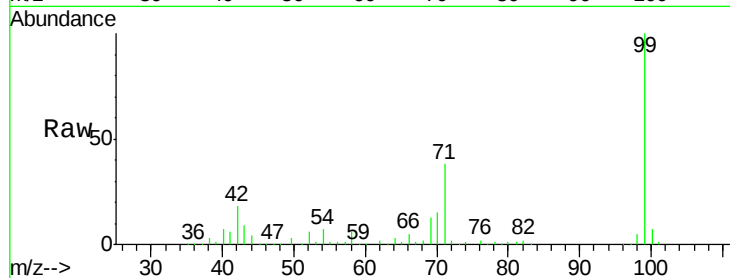
Tot Ion: 99 Resp: 435646

Ion Ratio Lower Upper

99 100

42 17.7 13.6 20.4

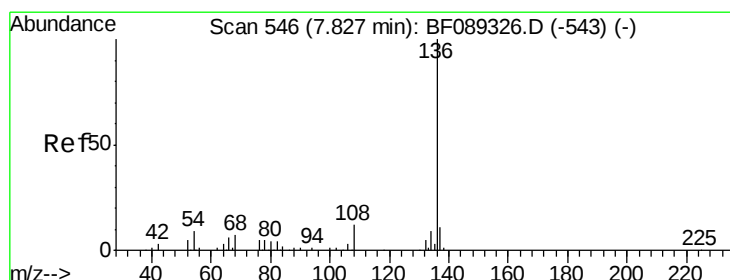
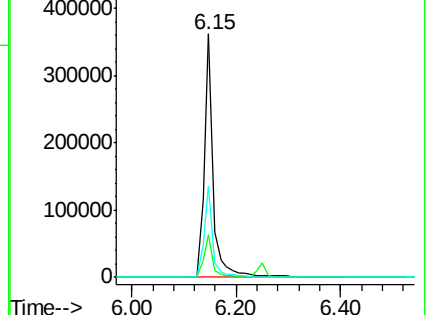
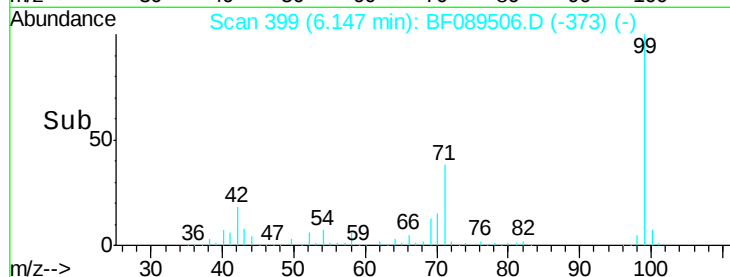
71 37.6 29.4 44.2



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: 7.77 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

Tgt Ion: 136 Resp: 153722

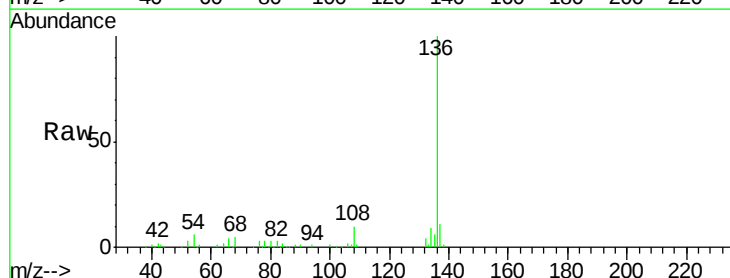
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 5.7 7.0 10.4

68 4.9 4.9 7.3

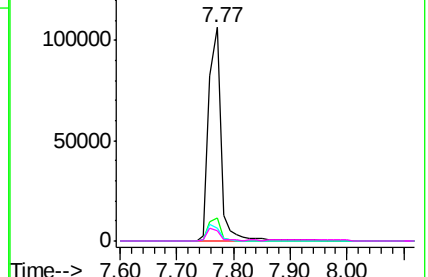
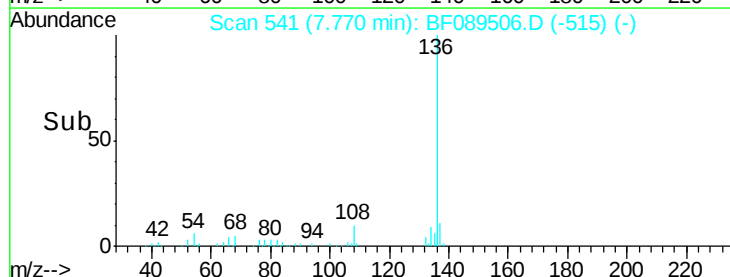


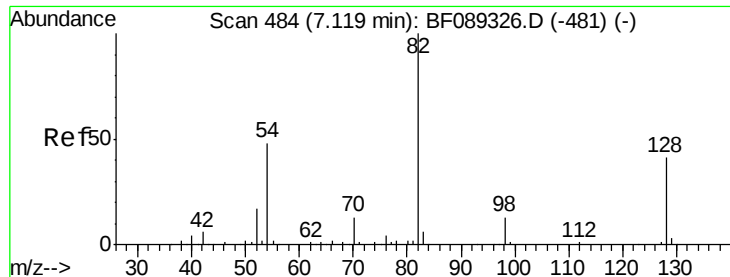
Abundance Ion 136.00 (135.70 to 136.70): E

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

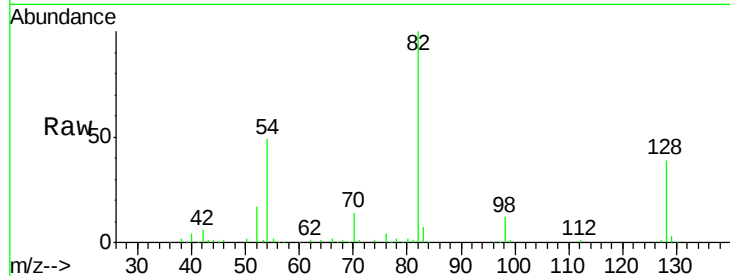




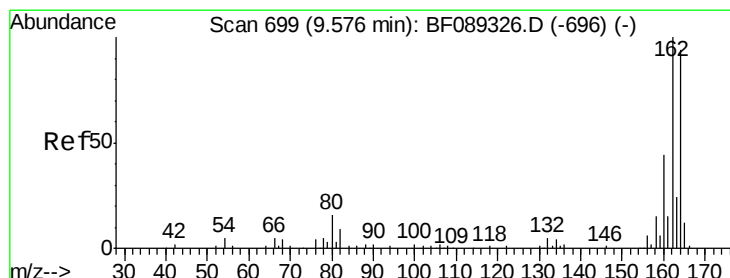
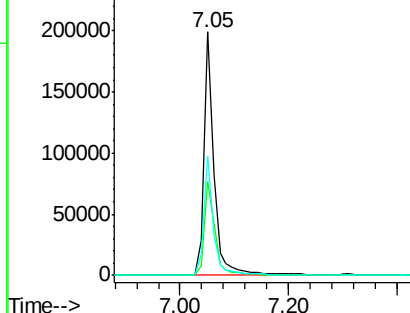
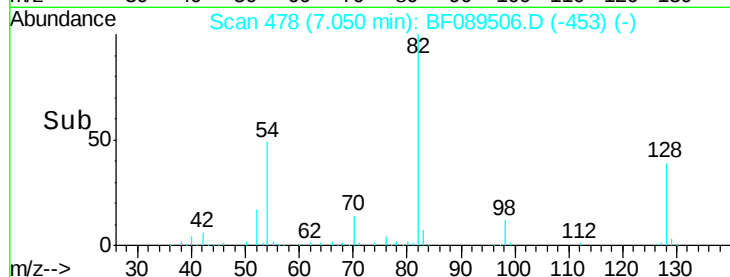
#23
 Nitrobenzene-d5
 Concen: 97.72 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Instrument :
 BNA_F
 ClientSampleID :
 PB92593BL

Tot Ion	82	Resp	254506
Ion Ratio	100	Lower	Upper
128	38.7	32.5	48.7
54	49.3	38.8	58.2

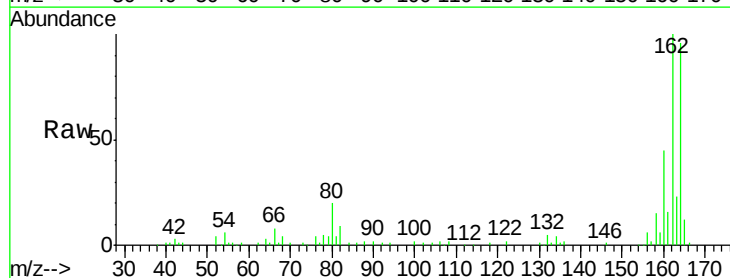


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): B

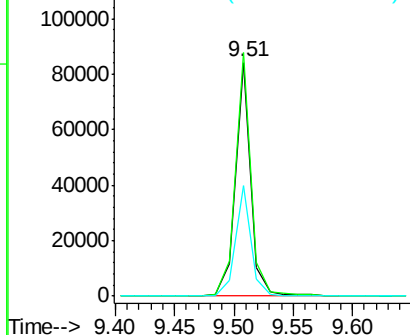
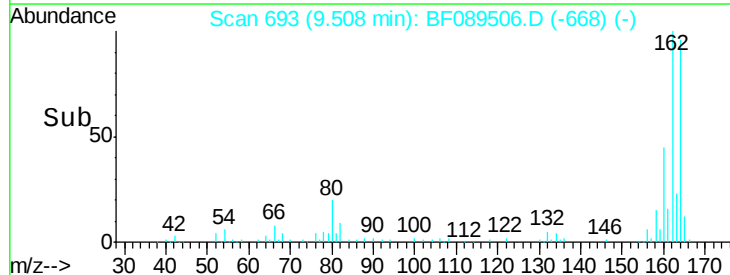


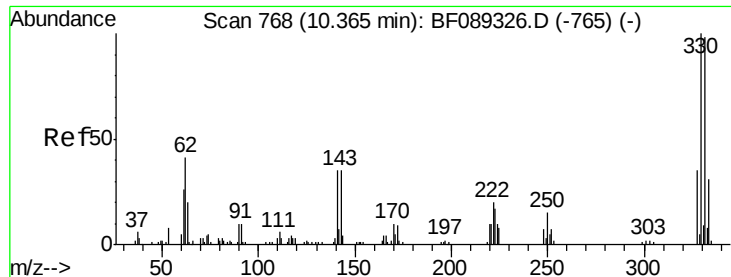
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Tgt Ion	164	Resp	75569
Ion Ratio	100	Lower	Upper
162	104.2	83.7	125.5
160	47.3	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

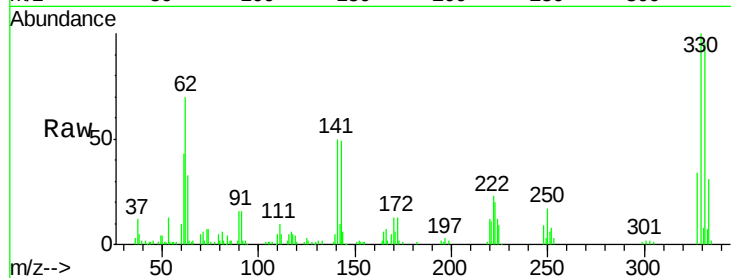




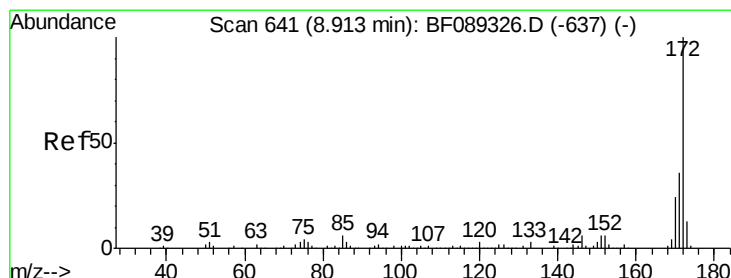
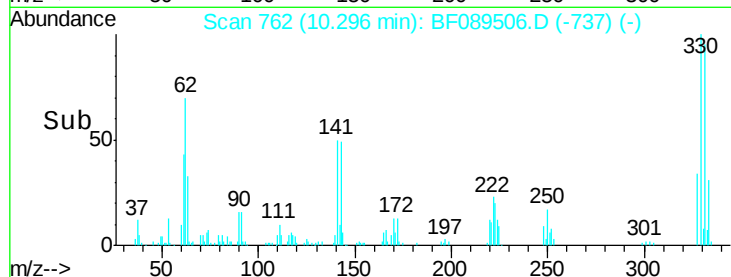
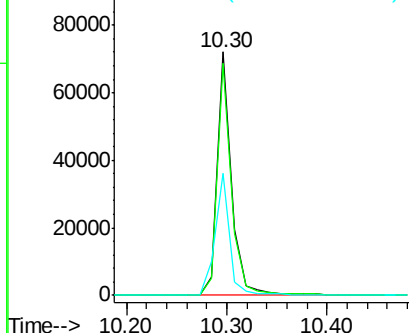
#41
 2,4,6-Tribromophenol
 Concen: 114.10 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB92593BL

Tot Ion:330 Resp: 71410
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.8 115.2
 141 50.8 37.3 55.9

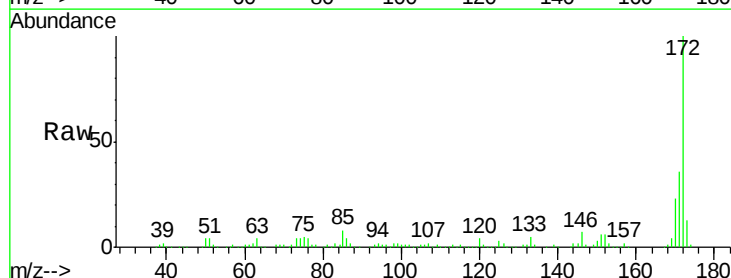


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

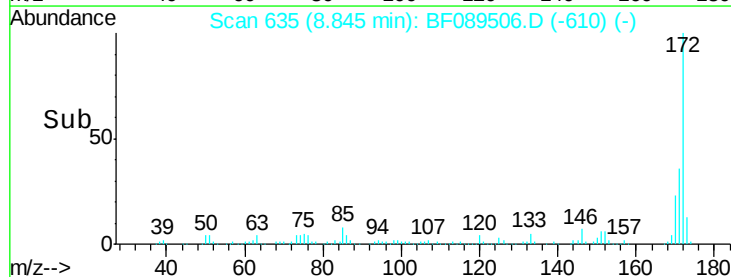
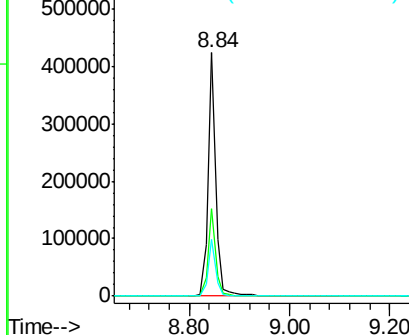


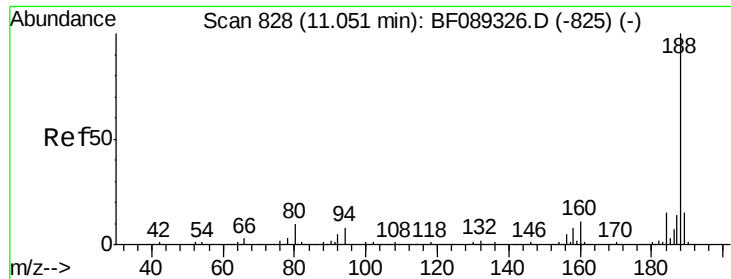
#44
 2-Fluorobiphenyl
 Concen: 87.88 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Tgt Ion:172 Resp: 452514
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.3 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

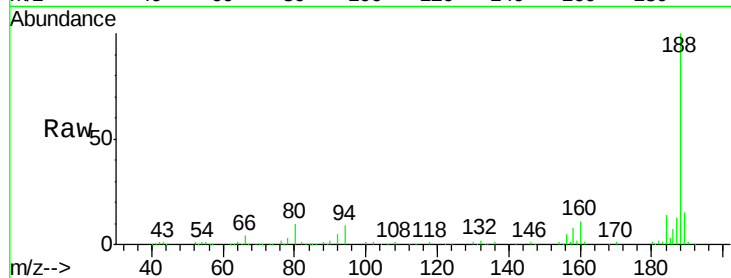




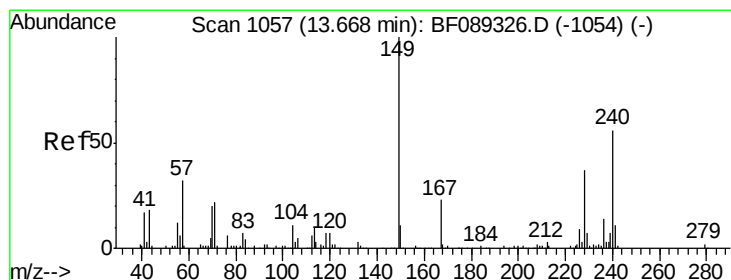
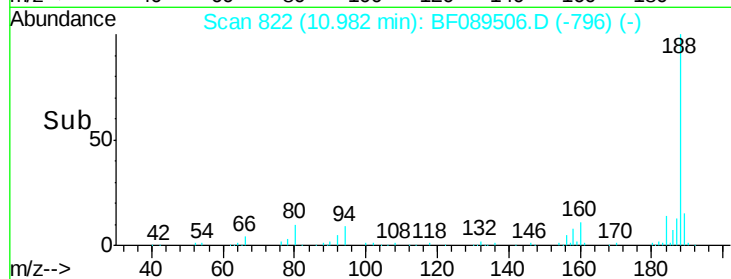
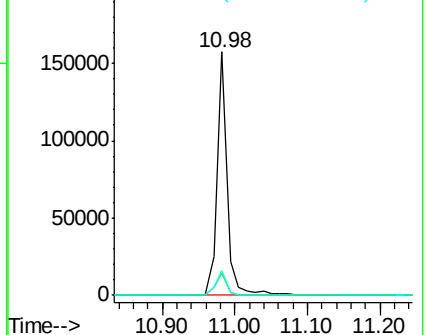
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF089506.D
Acq: 1 Aug 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB92593BL

Tot Ion:188 Resp: 153059
Ion Ratio Lower Upper
188 100
94 8.9 6.5 9.7
80 10.0 7.2 10.8

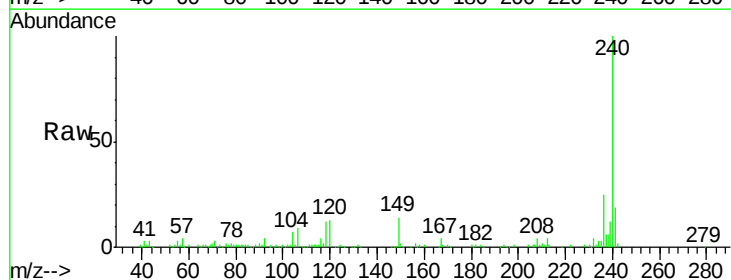


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

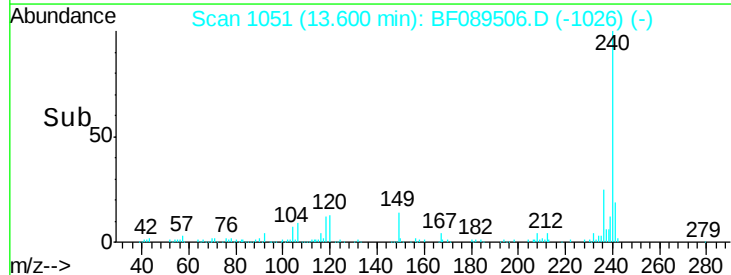
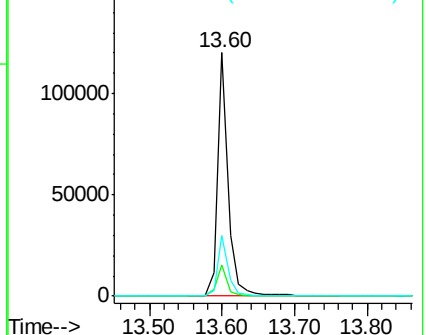


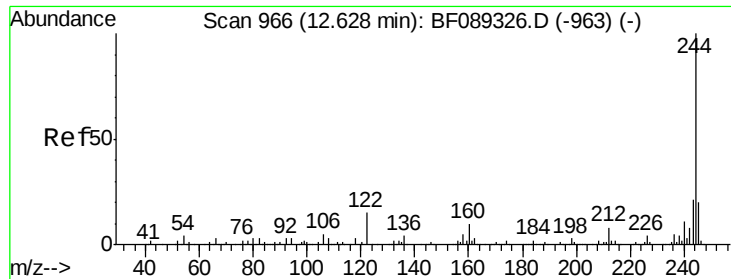
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF089506.D
Acq: 1 Aug 2016 12:39

Tgt Ion:240 Resp: 121074
Ion Ratio Lower Upper
240 100
120 13.0 9.1 13.7
236 24.9 20.6 30.8



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

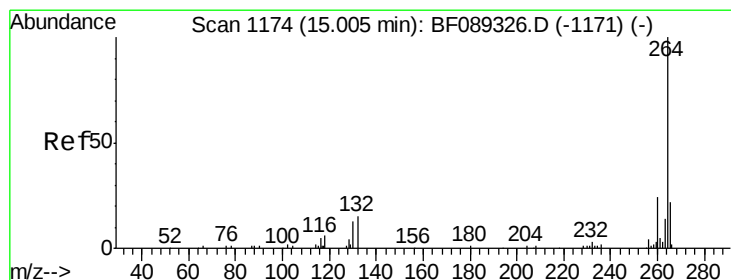
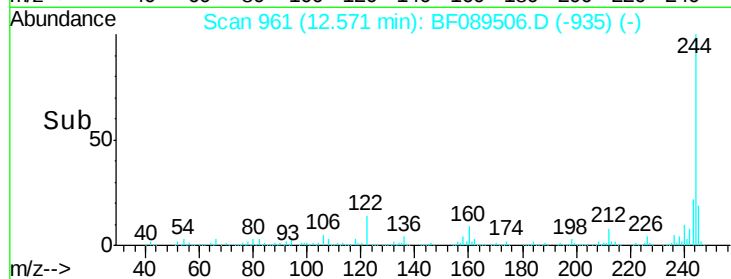
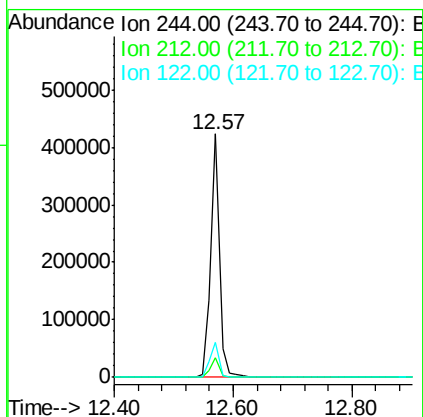
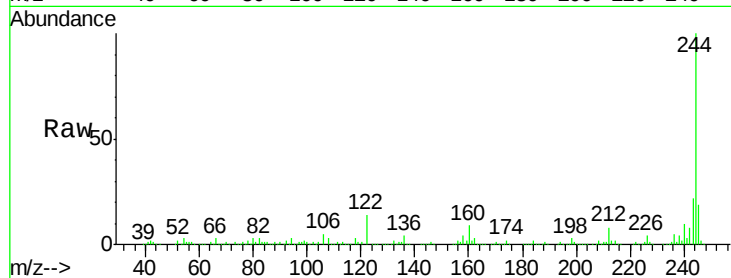




#78
 Terphenyl-d14
 Concen: 84.19 ng
 RT: 12.57 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Instrument :
 BNA_F
 ClientSampled :
 PB92593BL

Tot Ion:244 Resp: 435534
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 14.3 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Tgt Ion:264 Resp: 83966
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 21.6 17.5 26.3

