

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094709.D
 Acq On : 30 Apr 2017 12:49
 Operator : SJ/MA
 Sample : PB98571BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BL

Quant Time: May 01 02:19:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	106327	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	430393	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	207762	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	398290	20.00	ng	0.00
75) Chrysene-d12	14.47	240	341534	20.00	ng	0.00
86) Perylene-d12	16.09	264	236485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	788473	123.03	ng	0.02
7) Phenol-d6	5.40	99	961953	127.32	ng	0.00
23) Nitrobenzene-d5	6.42	82	578123	82.94	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	183916	113.17	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1134845	80.37	ng	0.00
78) Terphenyl-d14	13.20	244	1122947	87.88	ng	0.00

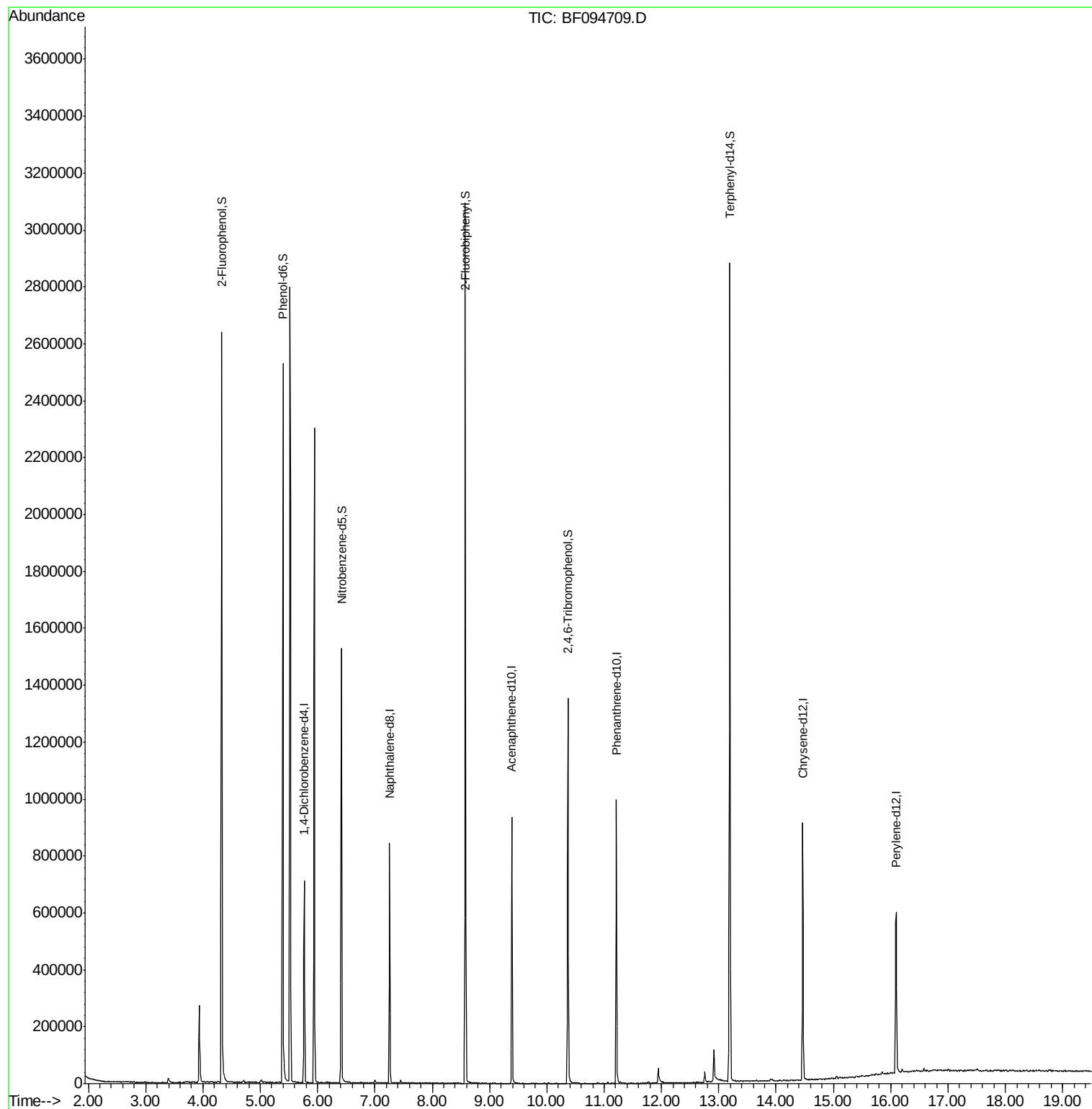
Target Compounds Qvalue

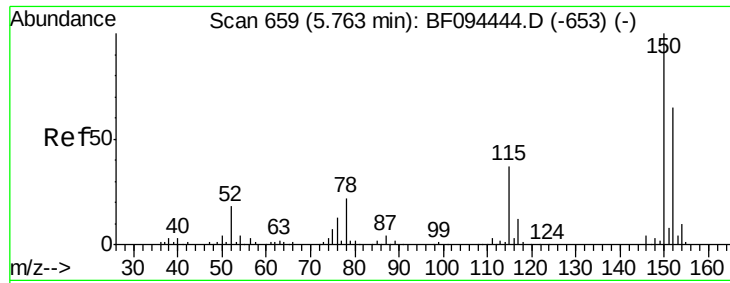
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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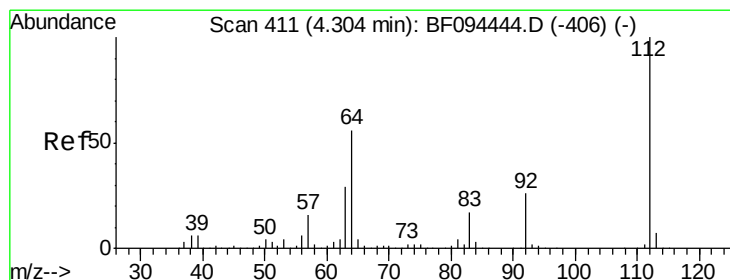
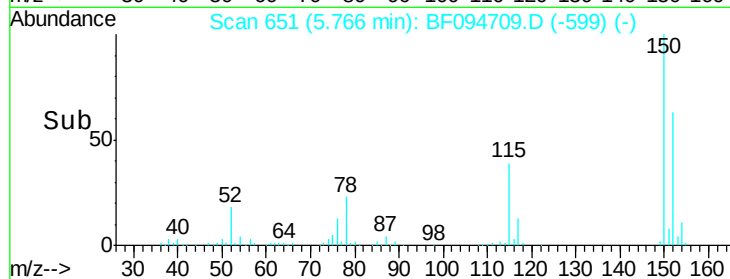
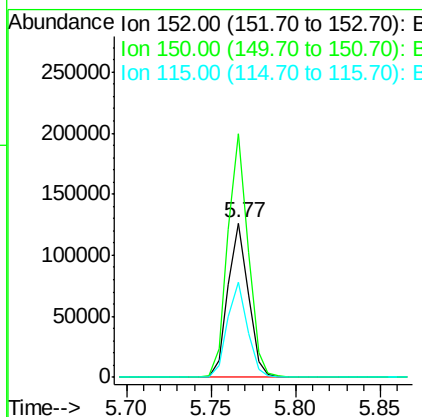
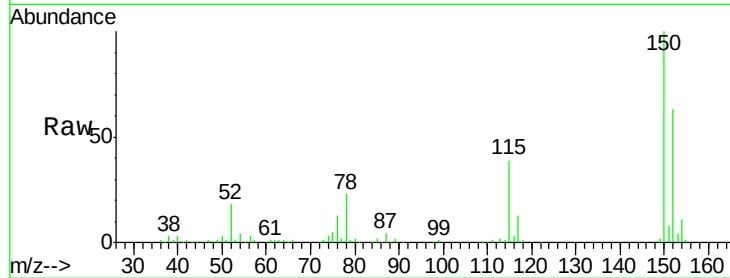


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094709.D
Acq: 30 Apr 2017 12:49

Instrument :
BNA_F
ClientSampleId :
PB98571BL

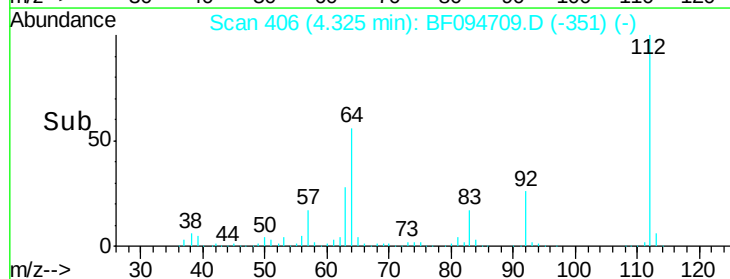
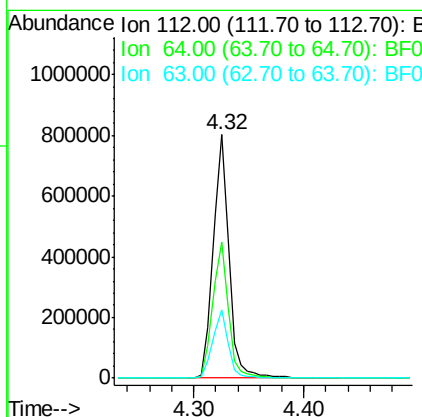
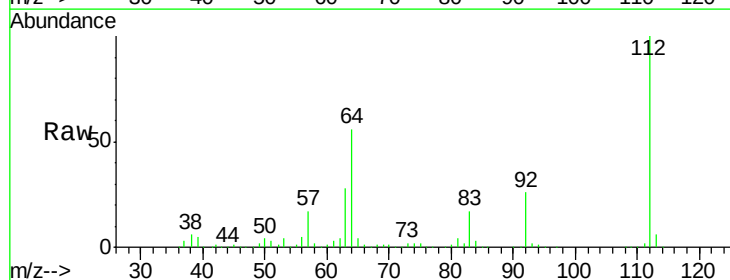
Tot Ion:152 Resp: 106327
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 61.4 52.2 78.2

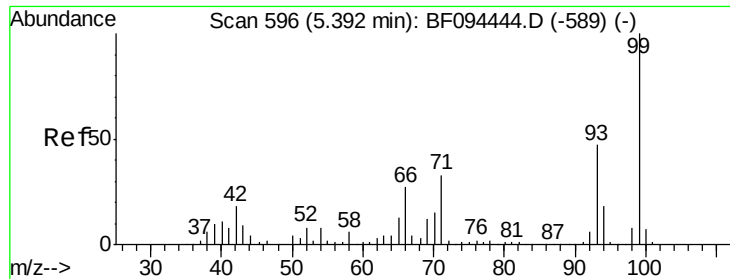


#5

2-Fluorophenol
Concen: 123.03 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094709.D
Acq: 30 Apr 2017 12:49

Tgt Ion:112 Resp: 788473
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 28.1 23.4 35.0





#7

Phenol-d6

Concen: 127.32 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094709.D

Acq: 30 Apr 2017 12:49

Instrument :

BNA_F

ClientSampleId :

PB98571BL

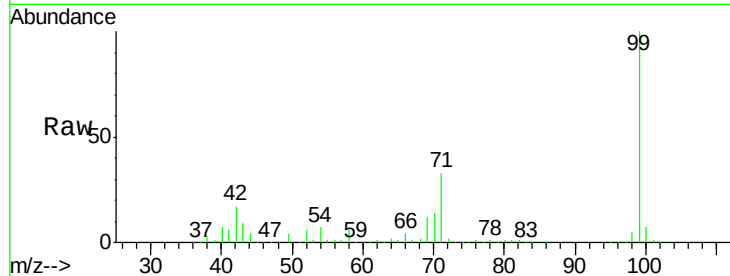
Tot Ion: 99 Resp: 961953

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

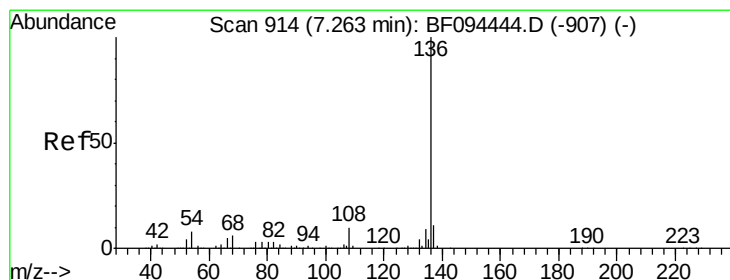
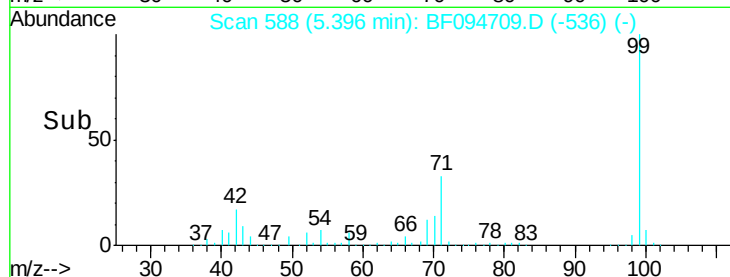
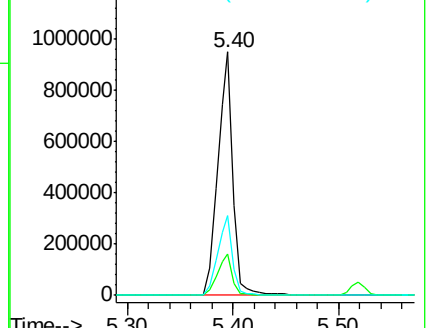
71 33.0 24.5 36.7



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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094709.D

Acq: 30 Apr 2017 12:49

Tgt Ion: 136 Resp: 430393

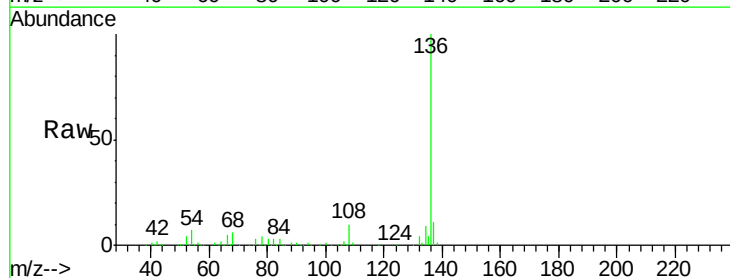
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3

68 5.9 4.1 6.1

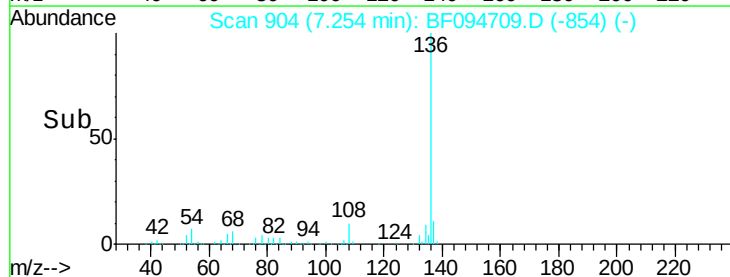
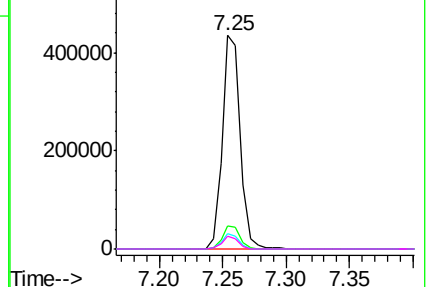


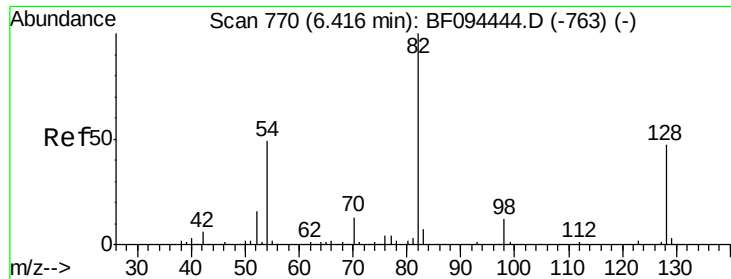
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.94 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094709.D

Acq: 30 Apr 2017 12:49

Instrument :

BNA_F

ClientSampleId :

PB98571BL

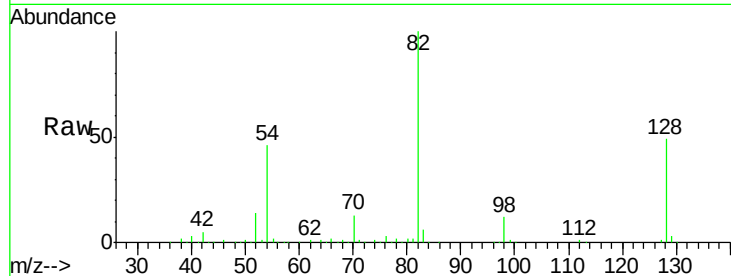
Tot Ion: 82 Resp: 578123

Ion Ratio Lower Upper

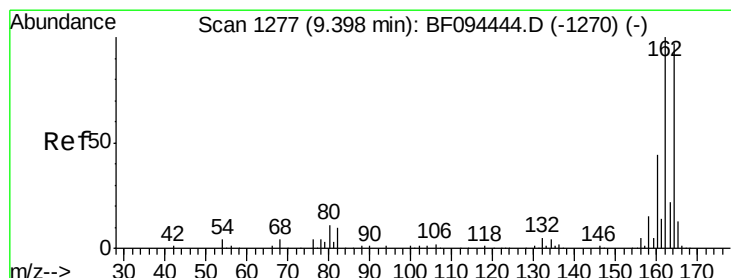
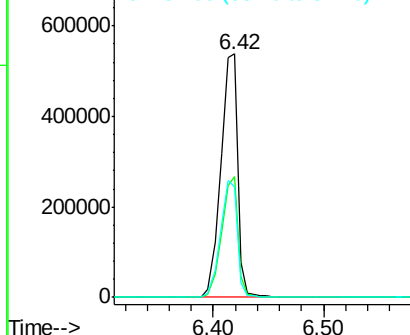
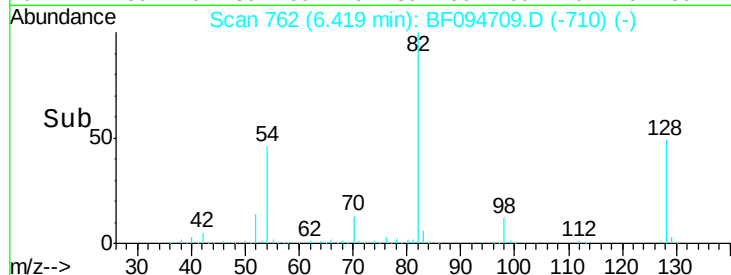
82 100

128 49.5 34.0 51.0

54 45.6 42.2 63.2



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094709.D

Acq: 30 Apr 2017 12:49

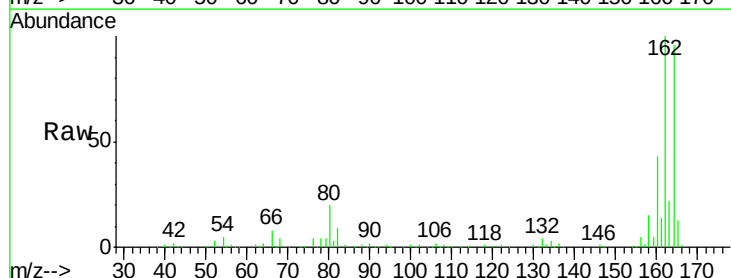
Tgt Ion:164 Resp: 207762

Ion Ratio Lower Upper

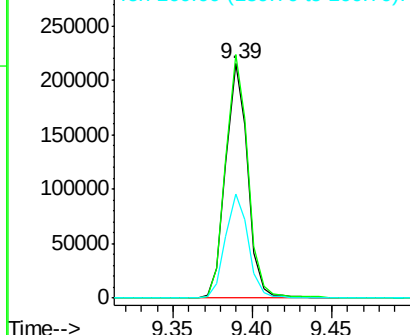
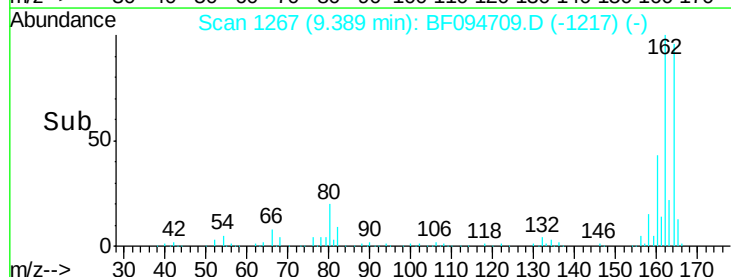
164 100

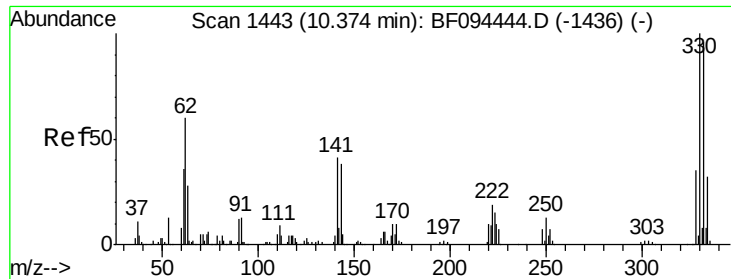
162 103.9 82.6 123.8

160 44.5 36.2 54.2



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: 113.17 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094709.D

Acq: 30 Apr 2017 12:49

Instrument :

BNA_F

ClientSampleId :

PB98571BL

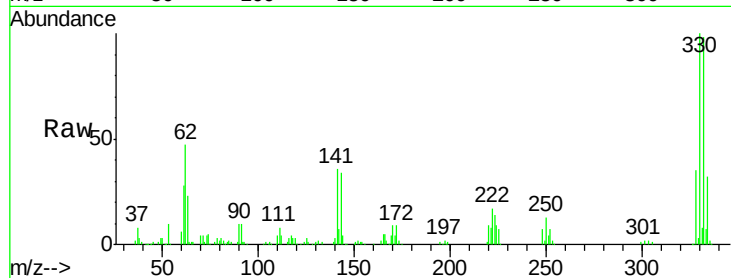
Tot Ion:330 Resp: 183916

Ion Ratio Lower Upper

330 100

332 94.9 76.6 115.0

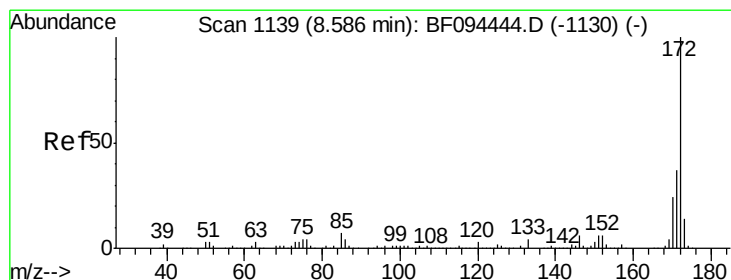
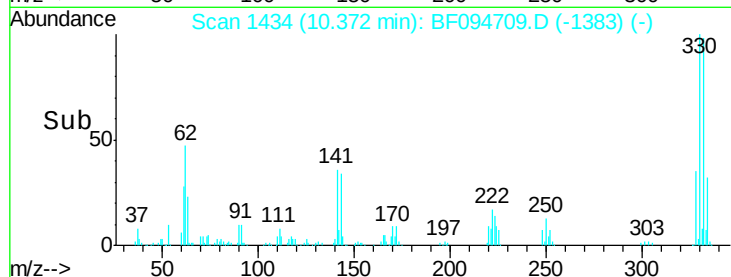
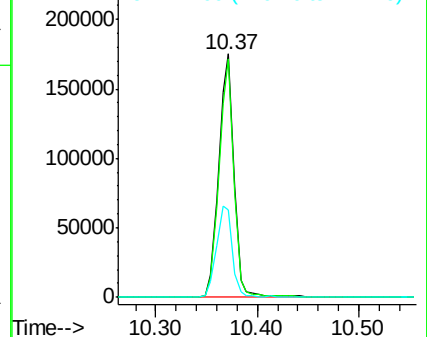
141 39.3 31.4 47.2



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: 80.37 ng

RT: 8.58 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF094709.D

Acq: 30 Apr 2017 12:49

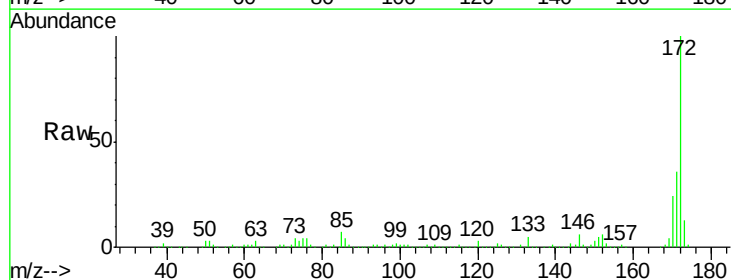
Tgt Ion:172 Resp: 1134845

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

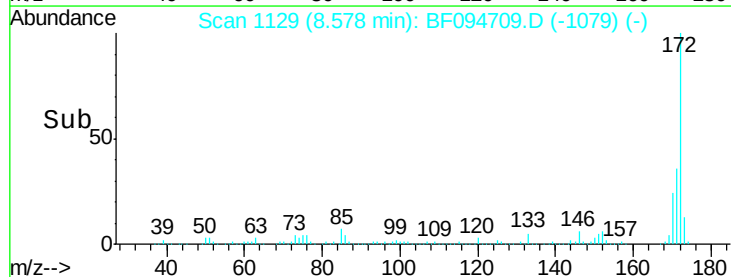
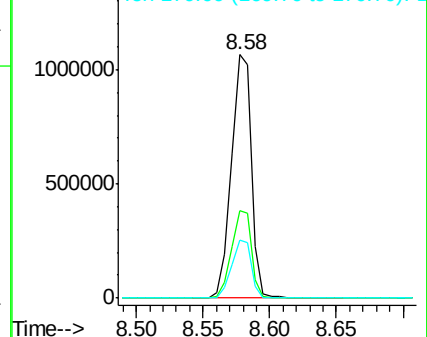
170 23.8 19.8 29.8

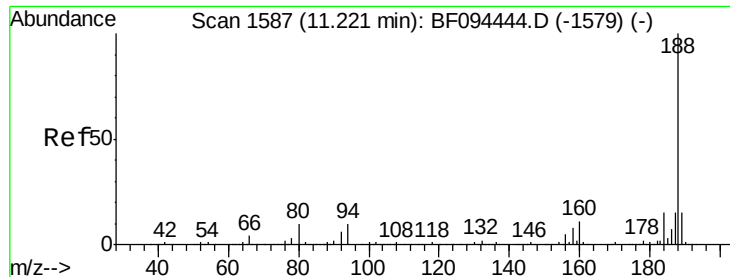


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

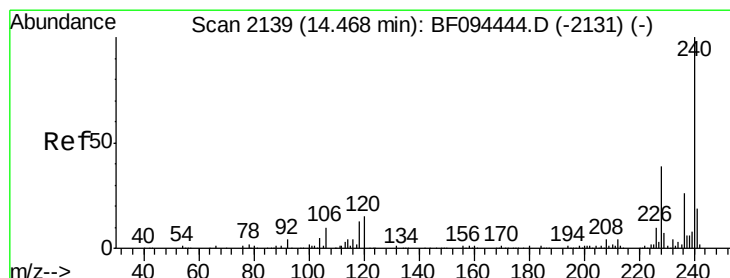
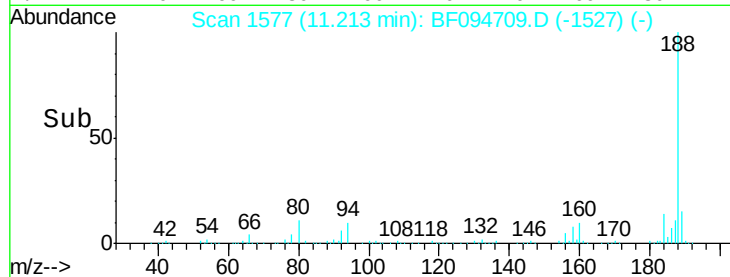
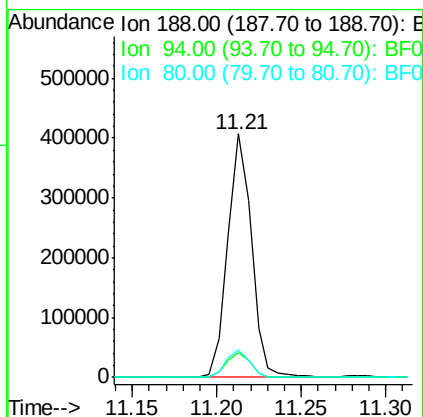
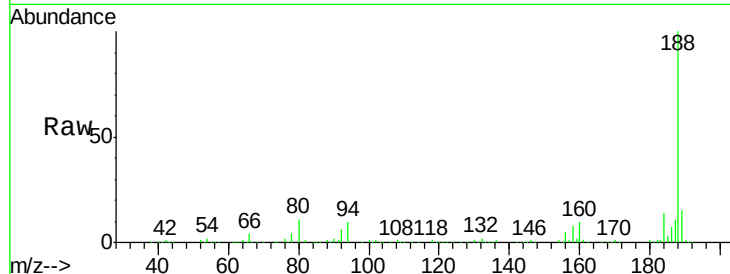




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094709.D
 Acq: 30 Apr 2017 12:49

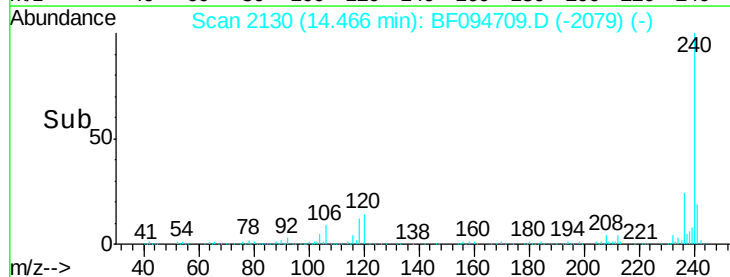
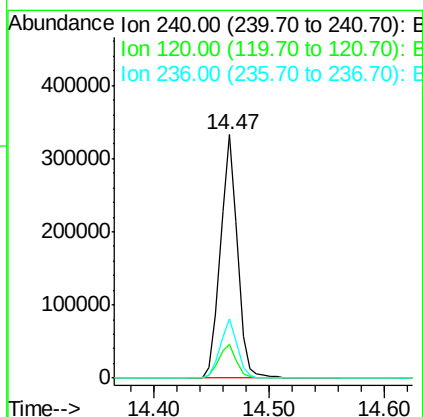
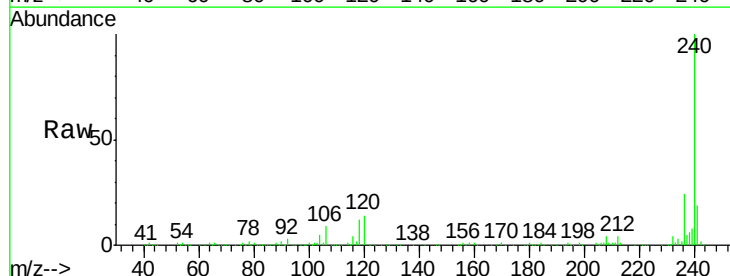
Instrument :
 BNA_F
 ClientSampled :
 PB98571BL

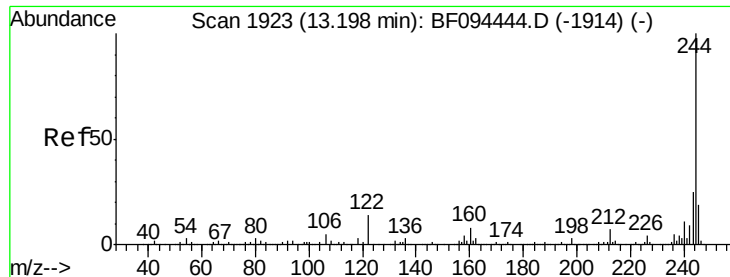
Tot Ion:188 Resp: 398290
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 11.1 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094709.D
 Acq: 30 Apr 2017 12:49

Tgt Ion:240 Resp: 341534
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.4 20.5 30.7

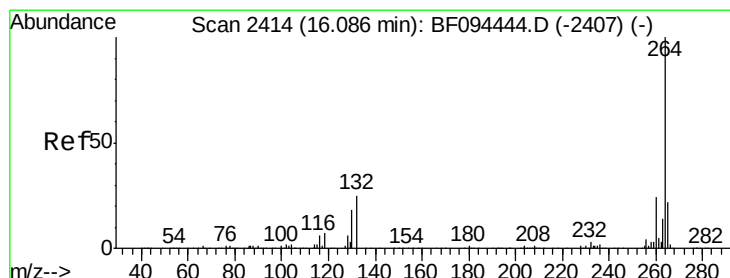
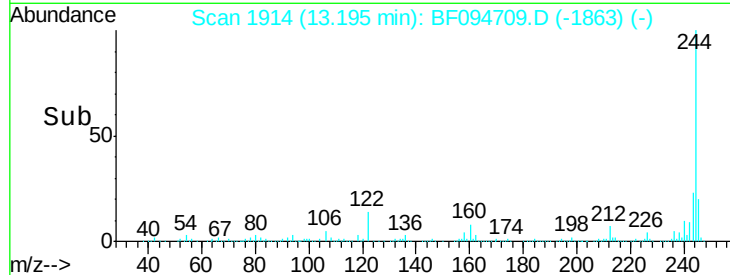
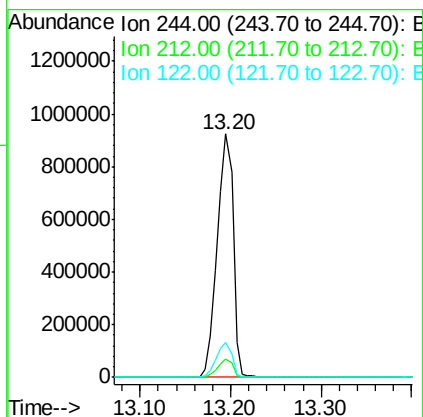
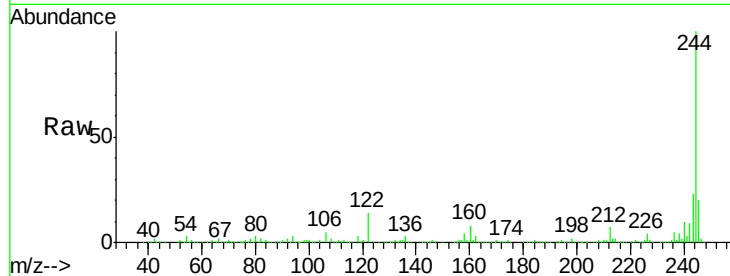




#78
 Terphenyl-d14
 Concen: 87.88 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094709.D
 Acq: 30 Apr 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BL

Tot Ion:244 Resp: 1122947
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094709.D
 Acq: 30 Apr 2017 12:49

Tgt Ion:264 Resp: 236485
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.4 17.2 25.8

