

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094210.D
 Acq On : 6 Apr 2017 00:52
 Operator : SJ/MA
 Sample : I2522-09 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-5(0-2)

Quant Time: Apr 06 03:12:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	181203	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	695713	20.00	ng	-0.04
38) Acenaphthene-d10	9.50	164	289451	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	425591	20.00	ng	-0.05
75) Chrysene-d12	14.58	240	353924	20.00	ng	-0.05
86) Perylene-d12	16.21	264	246034	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	241531	22.51	ng	-0.05
7) Phenol-d6	5.46	99	304521	22.94	ng	-0.05
23) Nitrobenzene-d5	6.50	82	176992	14.52	ng	-0.05
41) 2,4,6-Tribromophenol	10.47	330	42694	18.67	ng	-0.05
44) 2-Fluorobiphenyl	8.69	172	340541	17.94	ng	-0.05
78) Terphenyl-d14	13.30	244	215456	13.65	ng	-0.05

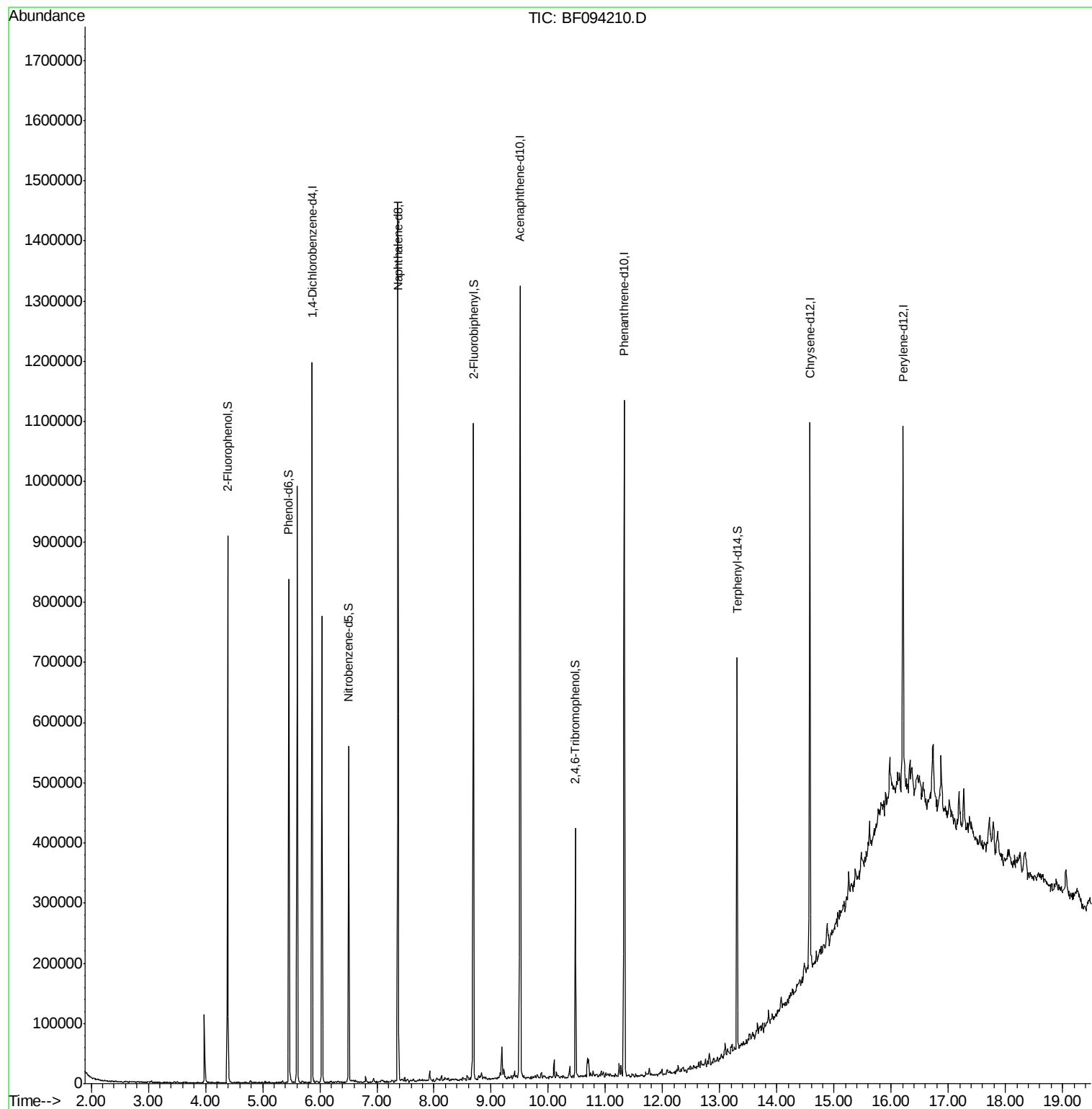
Target Compounds Qvalue

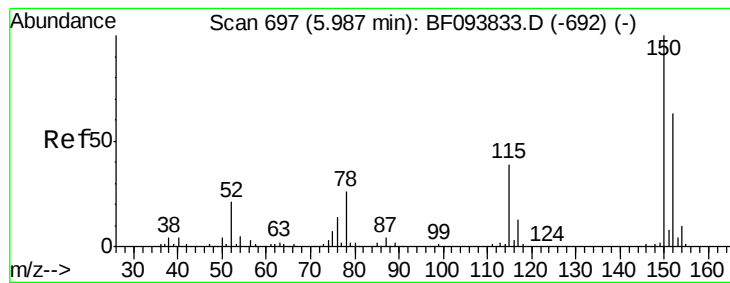
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 31 14:38:29 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF094210.D

Acq: 6 Apr 2017 00:52

Instrument :

BNA_F

ClientSampleId :

BASING-5(0-2)

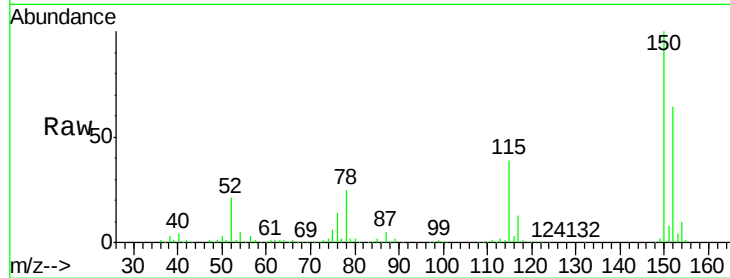
Tot Ion:152 Resp: 181203

Ion Ratio Lower Upper

152 100

150 156.0 126.2 189.2

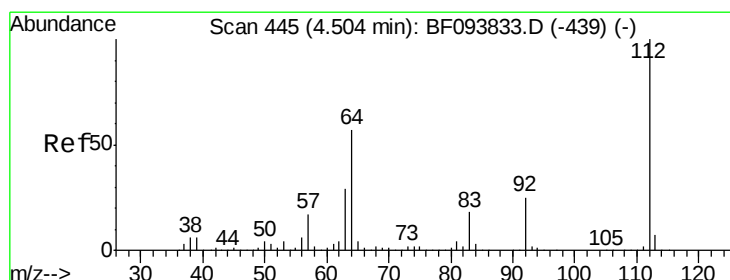
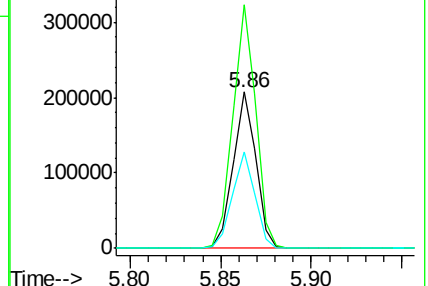
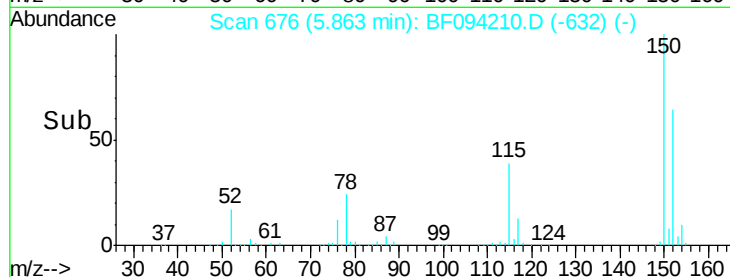
115 61.6 52.2 78.2



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: 22.51 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF094210.D

Acq: 6 Apr 2017 00:52

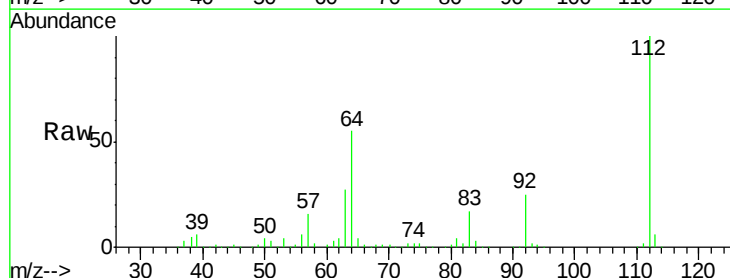
Tgt Ion:112 Resp: 241531

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

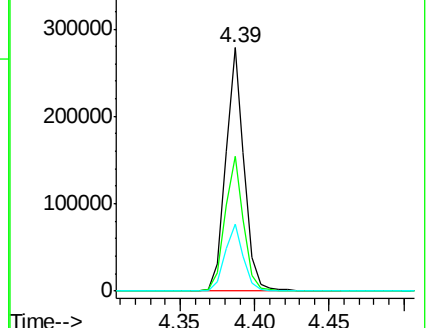
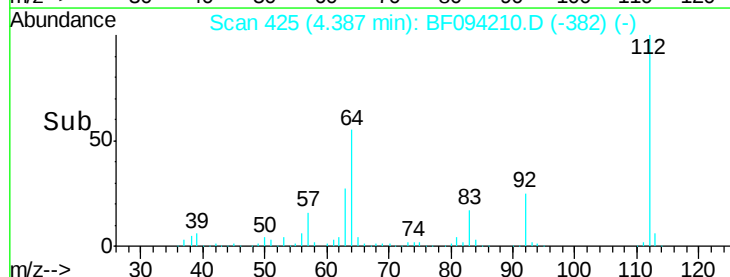
63 27.3 23.4 35.0

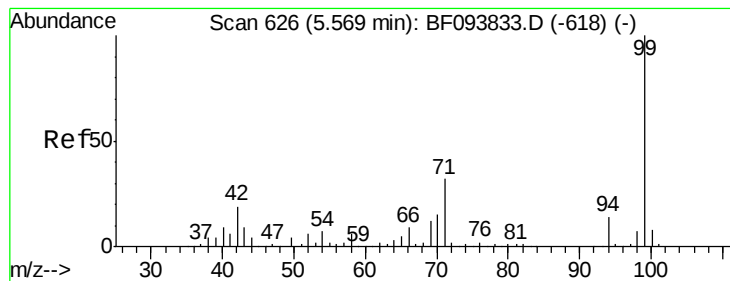


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.94 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF094210.D

Acq: 6 Apr 2017 00:52

Instrument :

BNA_F

ClientSampleId :

BASING-5(0-2)

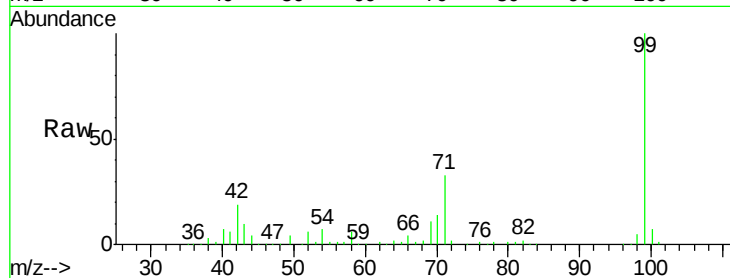
Tot Ion: 99 Resp: 304521

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

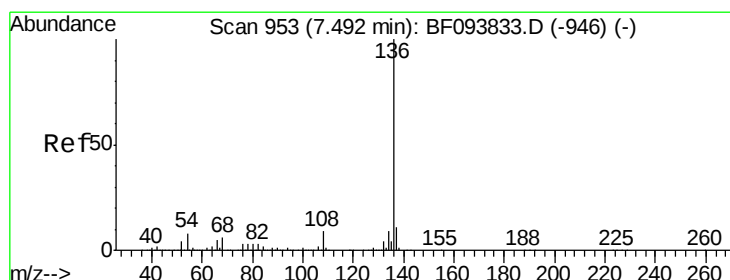
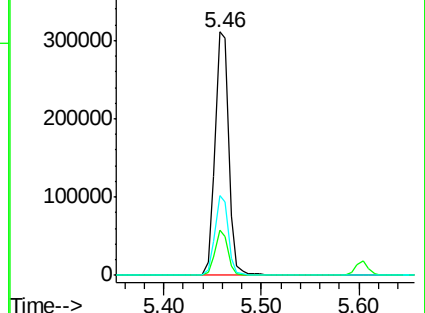
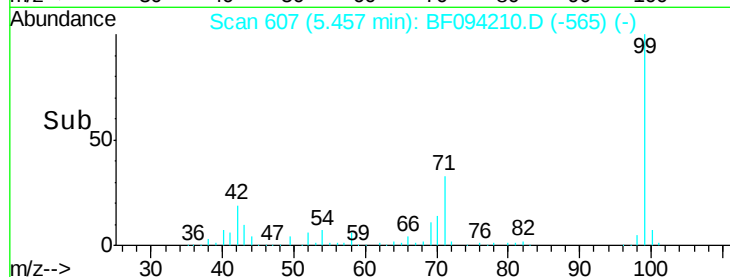
71 32.6 24.5 36.7



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: 7.37 min Scan# 932

Delta R.T. -0.04 min

Lab File: BF094210.D

Acq: 6 Apr 2017 00:52

Tgt Ion: 136 Resp: 695713

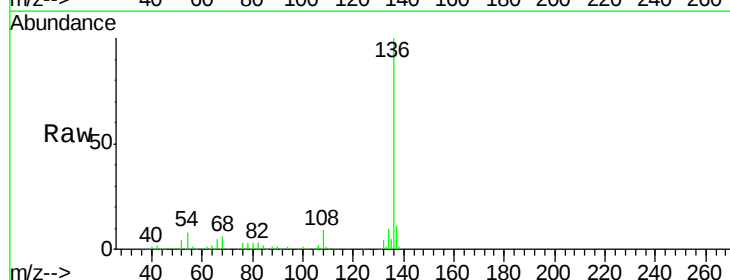
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.6 4.9 7.3#

68 6.0 4.1 6.1

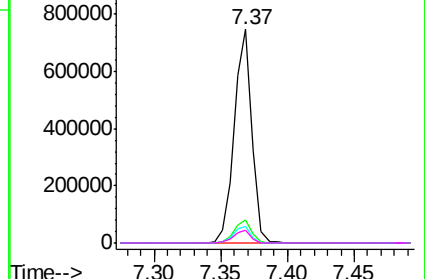
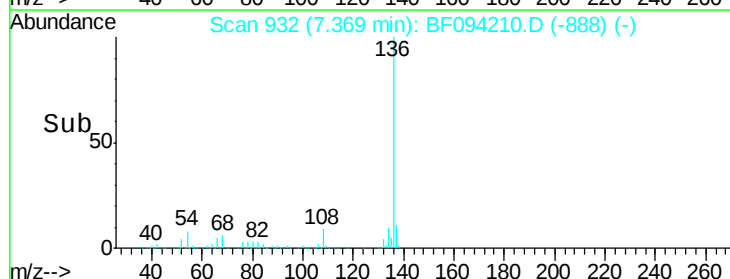


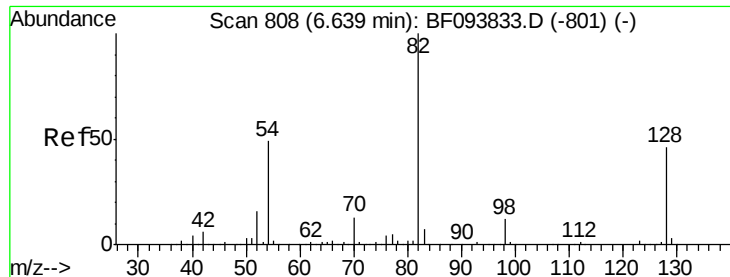
Abundance Ion 136.00 (135.70 to 136.70): E

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

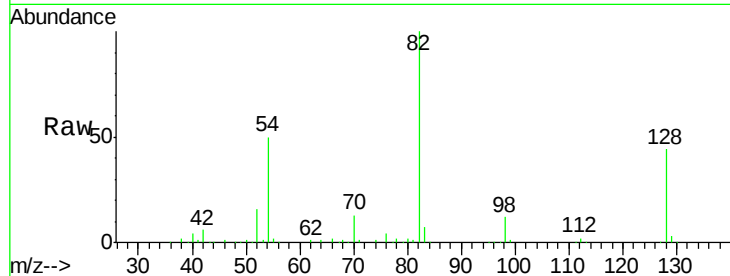




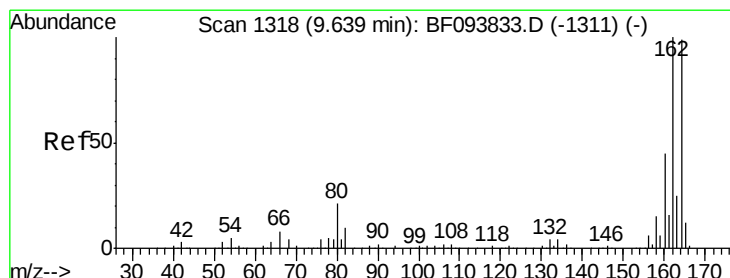
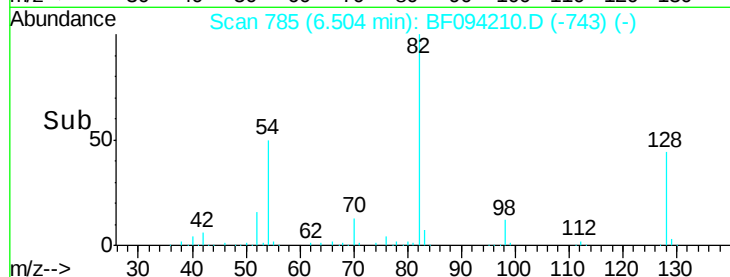
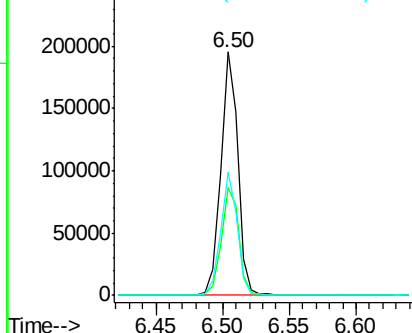
#23
 Nitrobenzene-d5
 Concen: 14.52 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF094210.D
 Acq: 6 Apr 2017 00:52

Instrument :
 BNA_F
 ClientSampleId :
 BASING-5(0-2)

Tot Ion: 82 Resp: 176992
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.0 51.0
 54 50.4 42.2 63.2

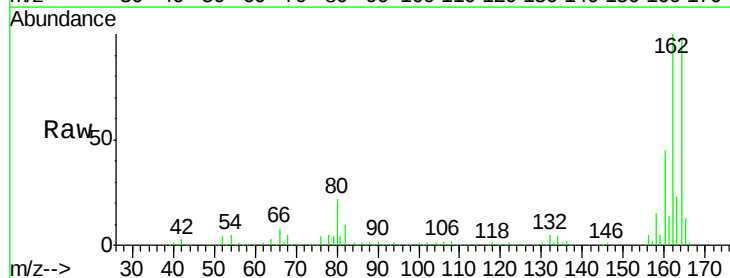


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

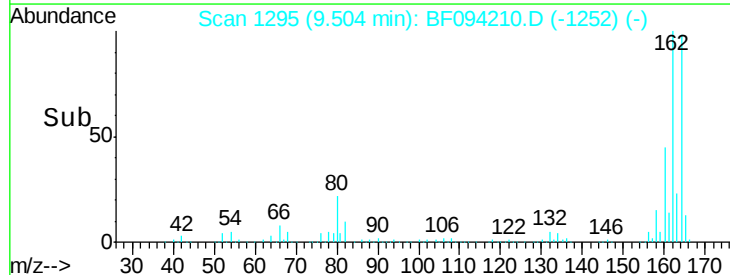
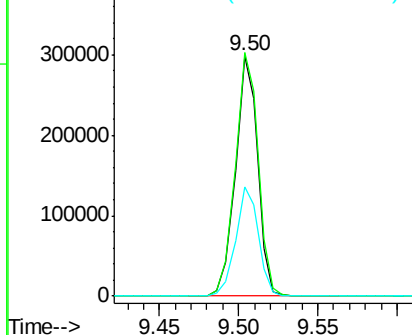


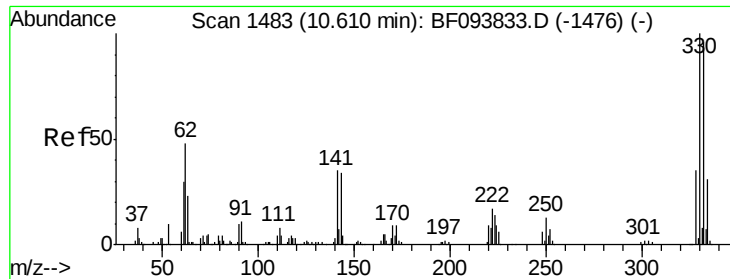
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094210.D
 Acq: 6 Apr 2017 00:52

Tgt Ion:164 Resp: 289451
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 123.8
 160 45.4 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

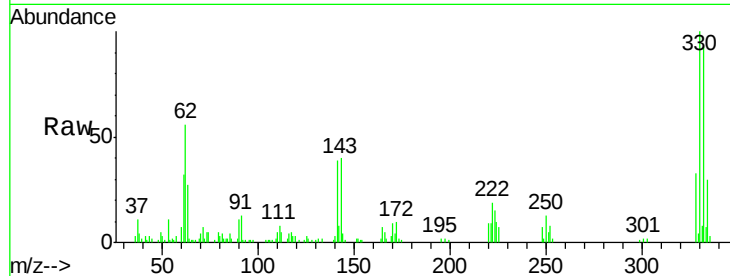




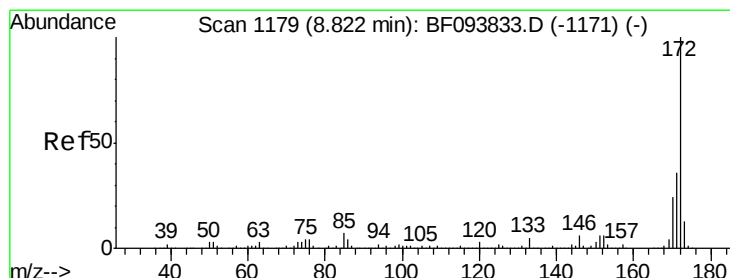
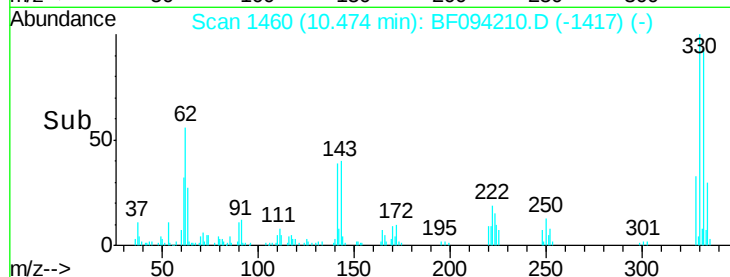
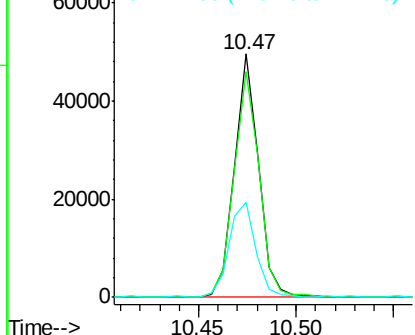
#41
 2,4,6-Tribromophenol
 Concen: 18.67 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.05 min
 Lab File: BF094210.D
 Acq: 6 Apr 2017 00:52

Instrument :
 BNA_F
 ClientSampleId :
 BASING-5(0-2)

Tot Ion:330 Resp: 42694
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 43.4 31.4 47.2

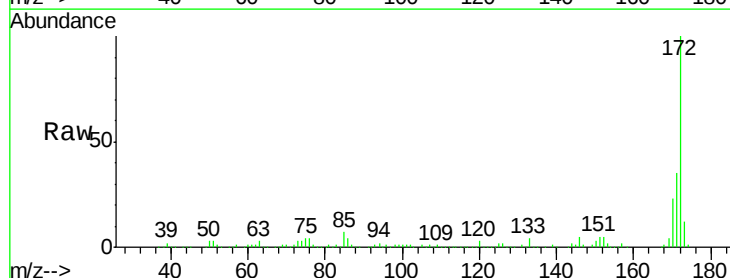


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

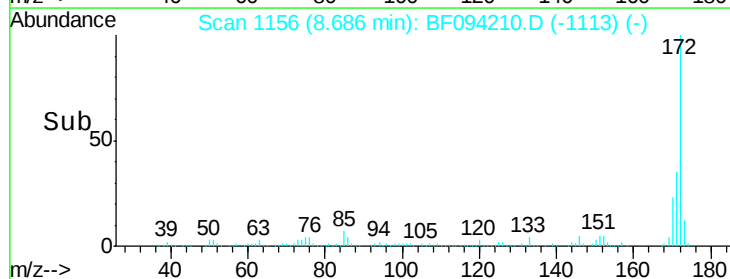
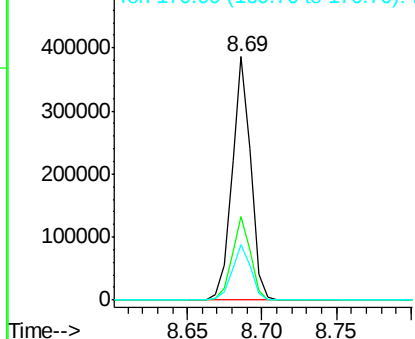


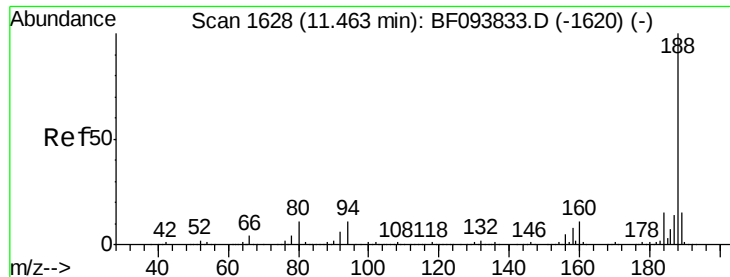
#44
 2-Fluorobiphenyl
 Concen: 17.94 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.05 min
 Lab File: BF094210.D
 Acq: 6 Apr 2017 00:52

Tgt Ion:172 Resp: 340541
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 22.8 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

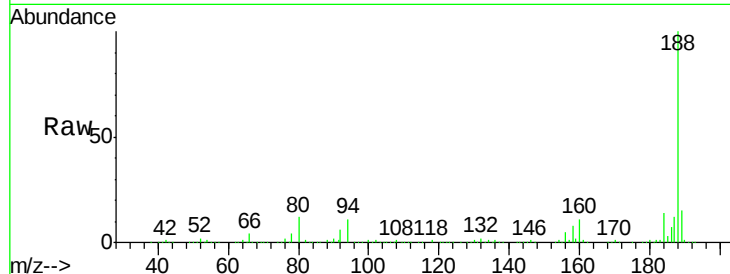




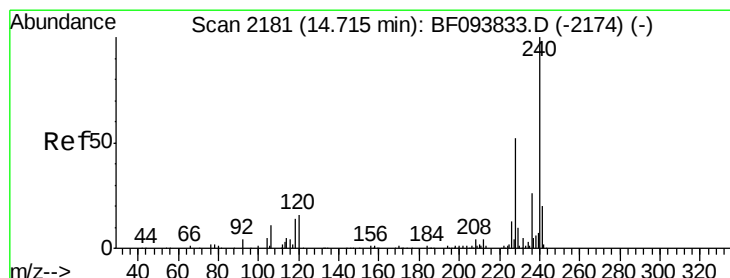
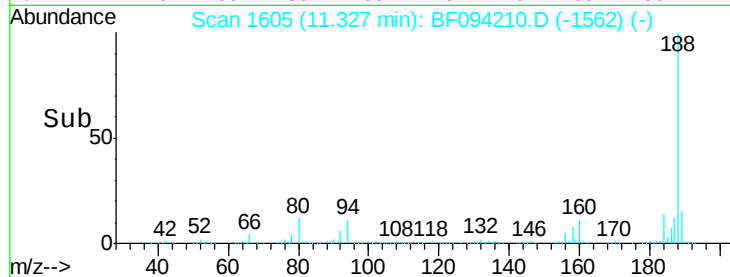
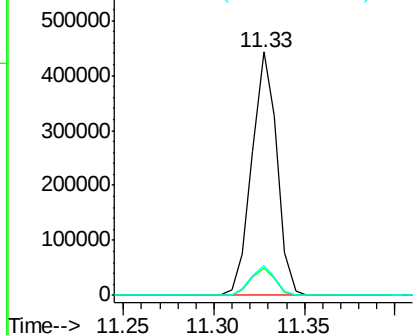
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

Instrument :
BNA_F
ClientSampleId :
BASING-5(0-2)

Tot Ion:188 Resp: 425591
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.1 10.2 15.2

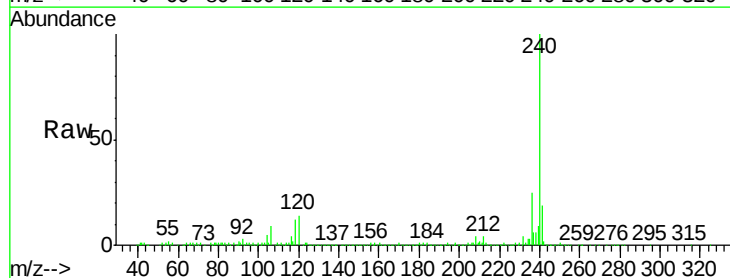


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

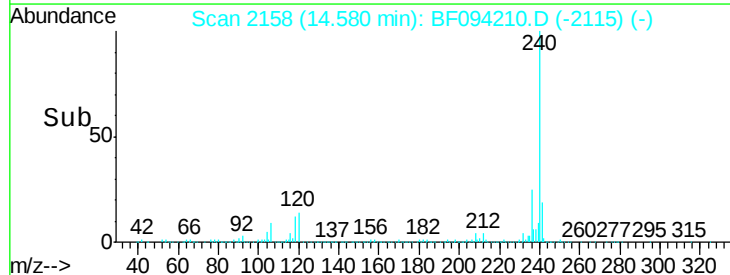
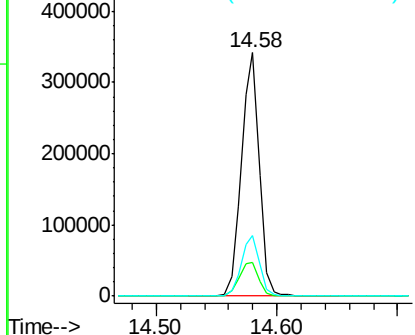


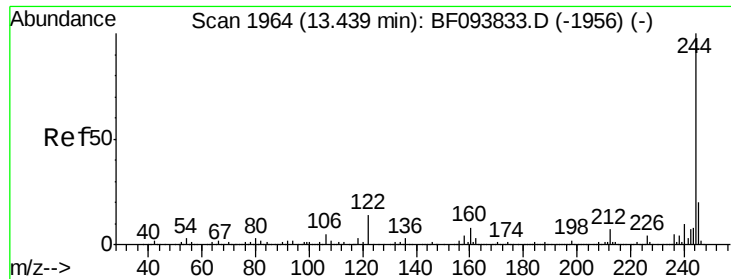
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.58 min Scan# 2158
Delta R.T. -0.05 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

Tgt Ion:240 Resp: 353924
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.0 20.5 30.7



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

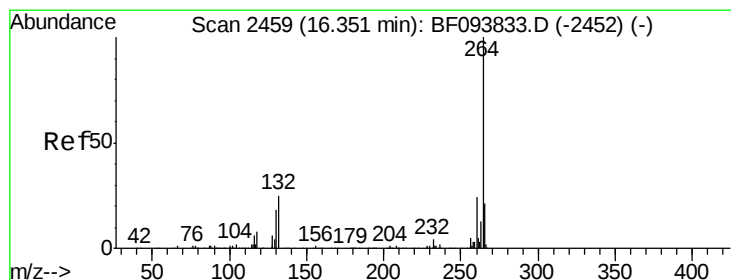
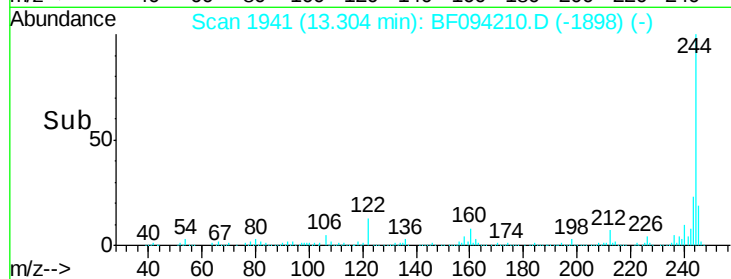
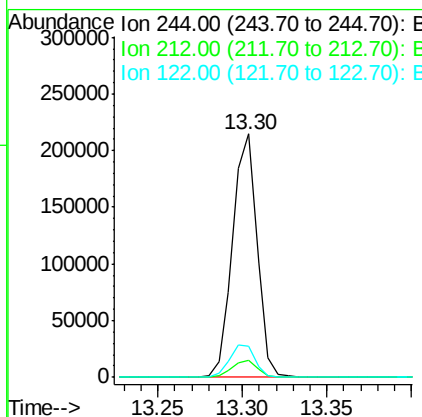
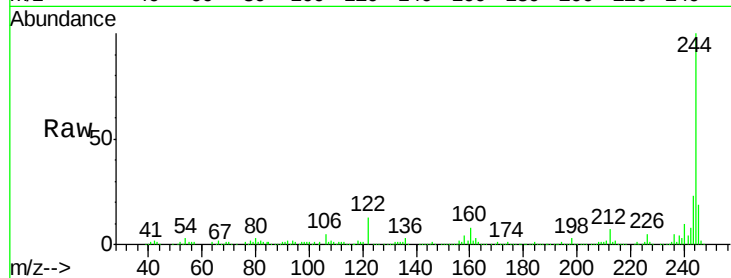




#78
 Terphenyl-d14
 Concen: 13.65 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. -0.05 min
 Lab File: BF094210.D
 Acq: 6 Apr 2017 00:52

Instrument :
 BNA_F
 ClientSampleId :
 BASING-5(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.7	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.21 min Scan# 2435
 Delta R.T. -0.04 min
 Lab File: BF094210.D
 Acq: 6 Apr 2017 00:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.2	17.2	25.8

