

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094270.D
 Acq On : 7 Apr 2017 13:55
 Operator : SJ/MA
 Sample : I2572-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

Quant Time: Apr 07 14:47:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 14:38:56 2017
 Response via : Initial Calibration

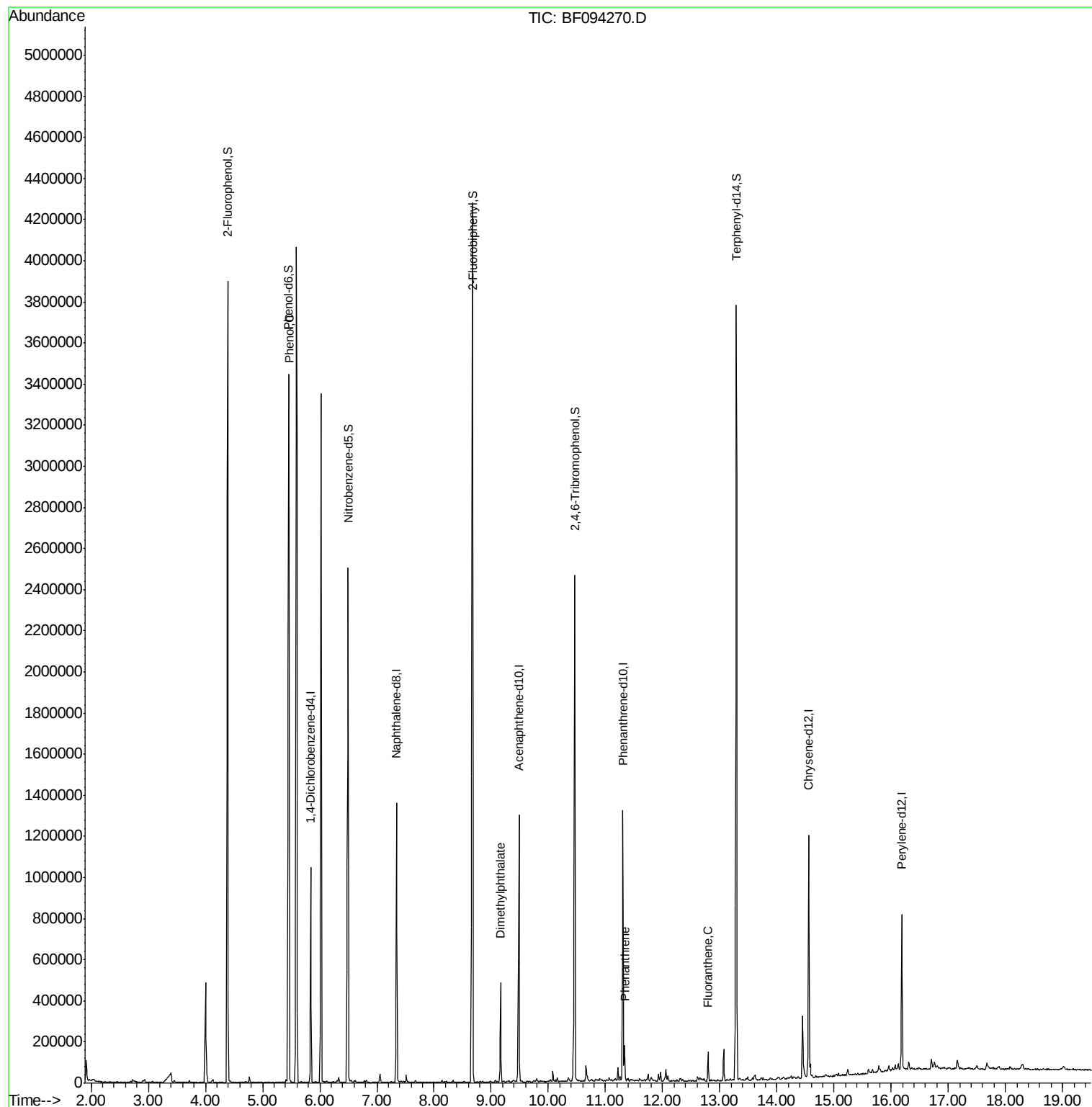
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	171657	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	675233	20.00	ng	0.00
38) Acenaphthene-d10	9.48	164	312412	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	551741	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	433957	20.00	ng	-0.01
86) Perylene-d12	16.19	264	285455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1354875	133.31	ng	0.01
7) Phenol-d6	5.46	99	1749030	139.11	ng	0.00
23) Nitrobenzene-d5	6.50	82	1086692	91.84	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	368121	149.11	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1808965	88.32	ng	0.00
78) Terphenyl-d14	13.29	244	1490948	77.01	ng	0.00
Target Compounds						
10) Phenol	5.47	94	132544	9.26	ng	90
49) Dimethylphthalate	9.16	163	220702	9.94	ng	100
70) Phenanthrene	11.33	178	61814	2.01	ng	97
74) Fluoranthene	12.80	202	63831	2.03	ng	99

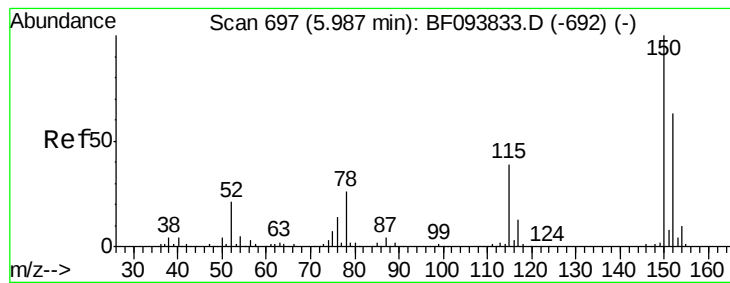
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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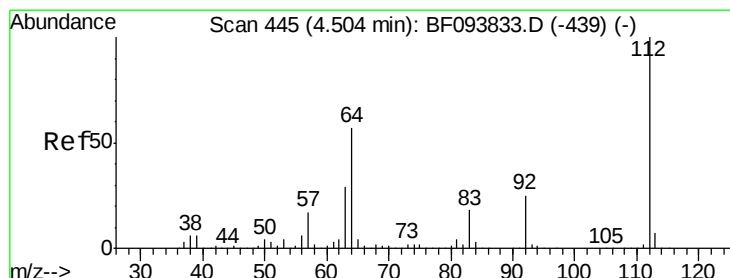
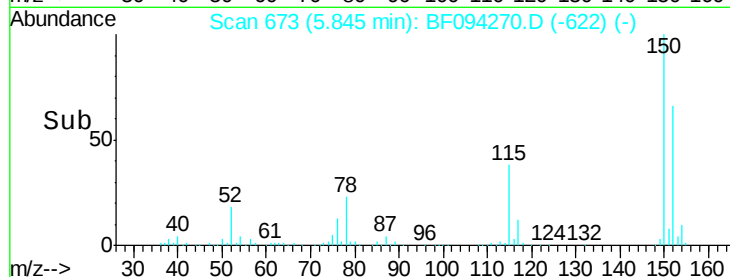
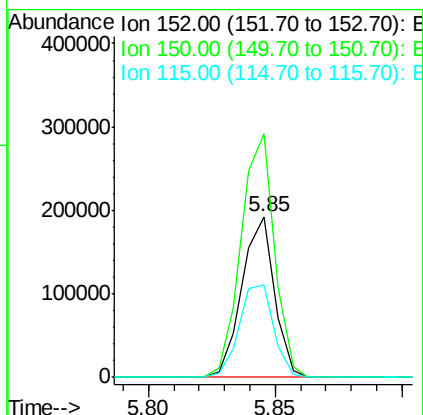
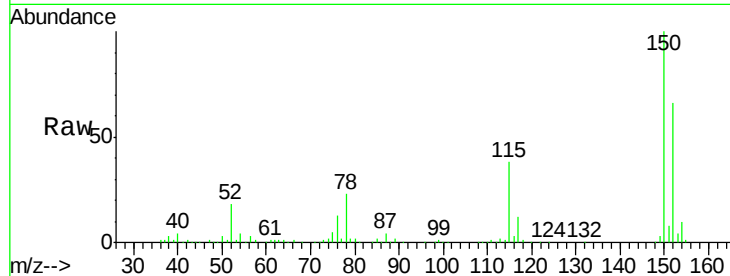


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

Instrument :
BNA_F
ClientSampleId :
RT-3460

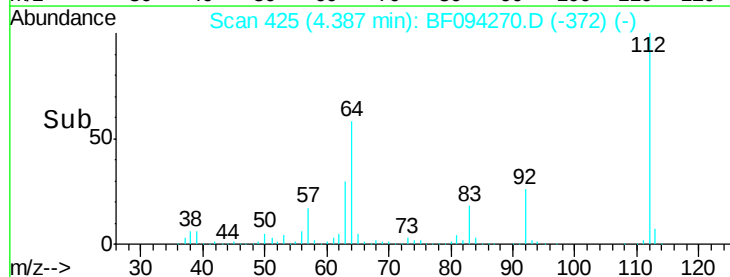
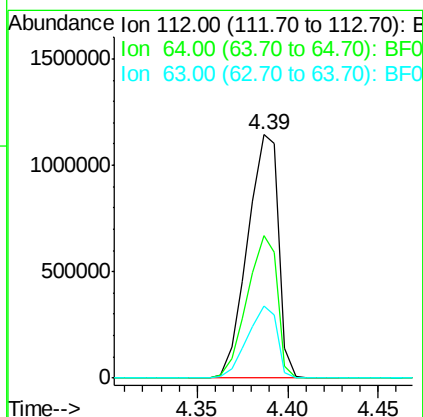
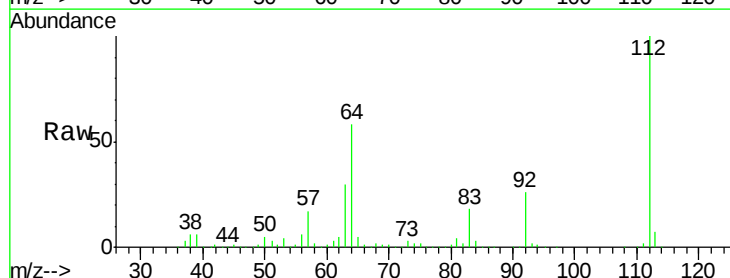
Tot Ion:152 Resp: 171657
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 57.6 52.2 78.2

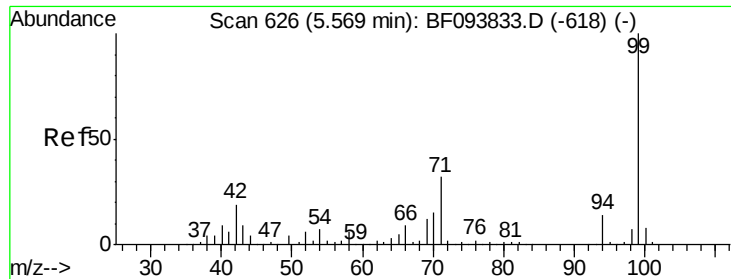


#5

2-Fluorophenol
Concen: 133.31 ng
RT: 4.39 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

Tgt Ion:112 Resp: 1354875
Ion Ratio Lower Upper
112 100
64 58.5 46.0 69.0
63 29.7 23.4 35.0





#7

Phenol-d6

Concen: 139.11 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

Instrument :

BNA_F

ClientSampleId :

RT-3460

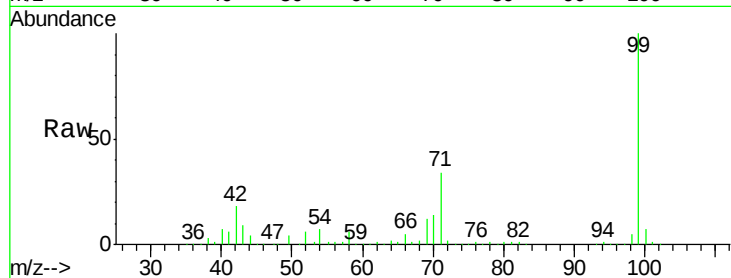
Tot Ion: 99 Resp: 1749030

Ion Ratio Lower Upper

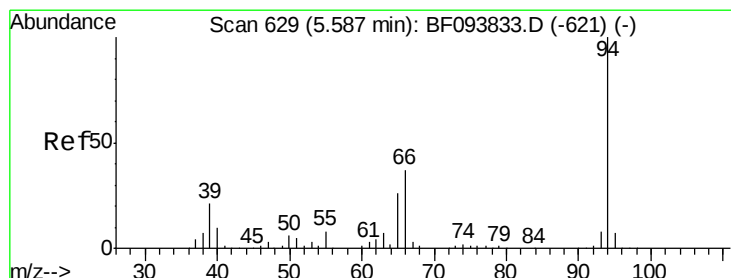
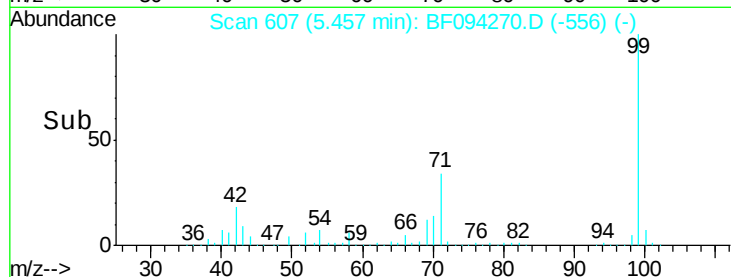
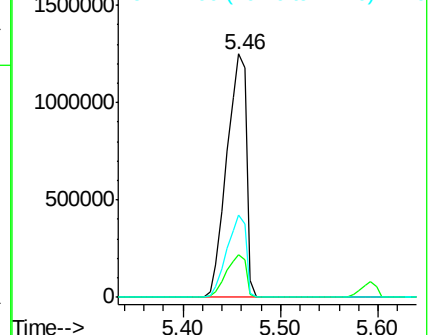
99 100

42 17.6 13.5 20.3

71 33.8 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



#10

Phenol

Concen: 9.26 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

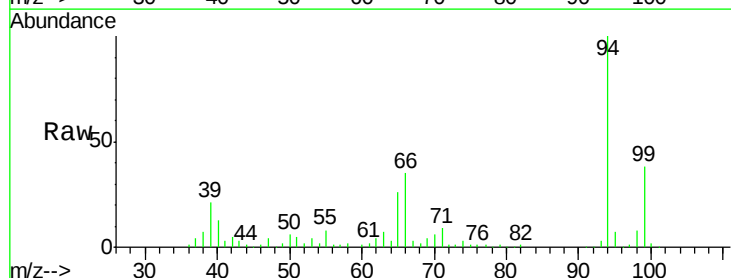
Tgt Ion: 94 Resp: 132544

Ion Ratio Lower Upper

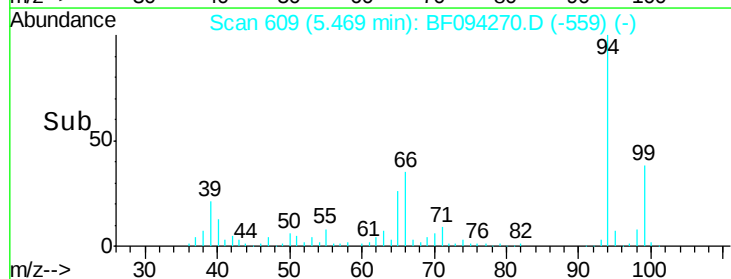
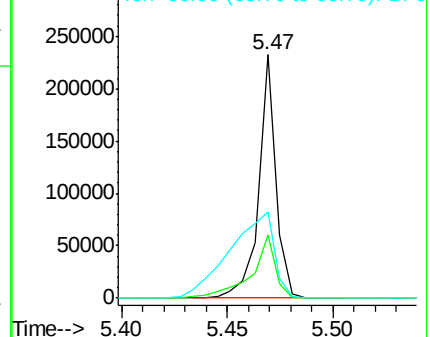
94 100

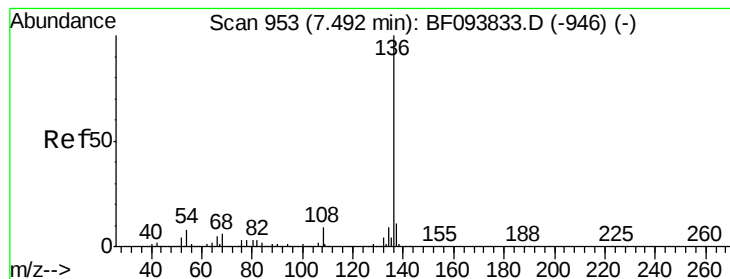
65 26.2 9.9 49.9

66 35.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

Instrument :

BNA_F

ClientSampleId :

RT-3460

Tot Ion:136 Resp: 675233

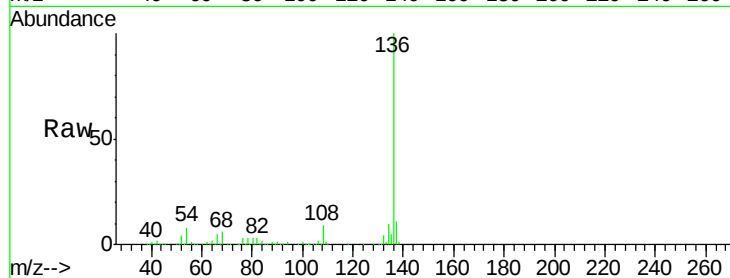
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.5 4.9 7.3#

68 6.1 4.1 6.1

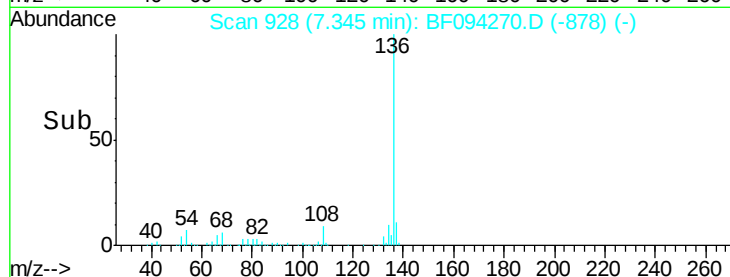


Abundance Ion 136.00 (135.70 to 136.70): E

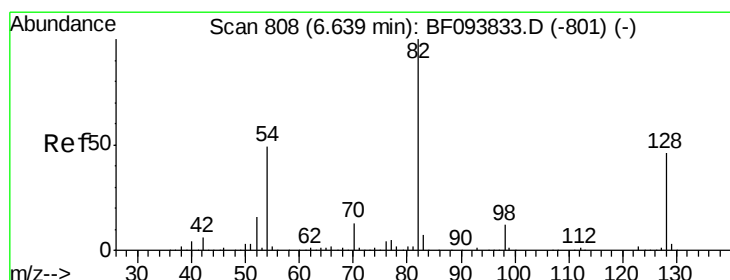
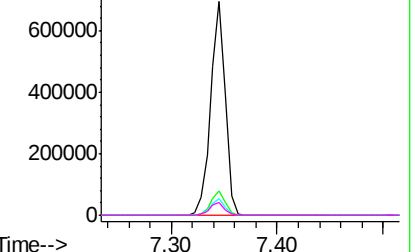
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 91.84 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

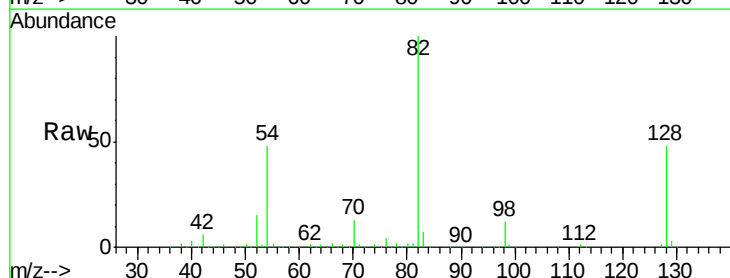
Tgt Ion: 82 Resp: 1086692

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

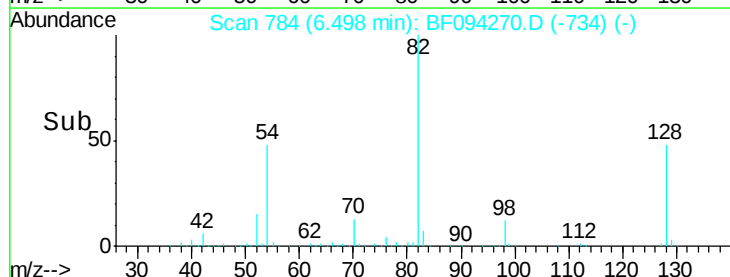
54 48.2 42.2 63.2



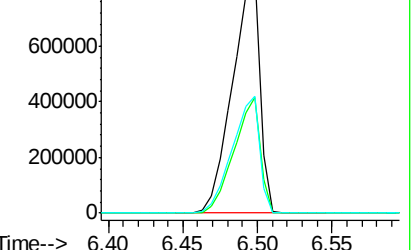
Abundance Ion 82.00 (81.70 to 82.70): BF0

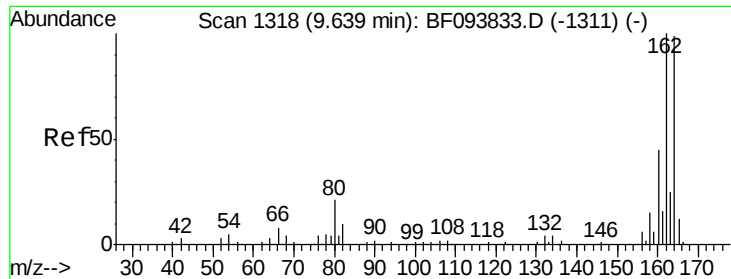
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

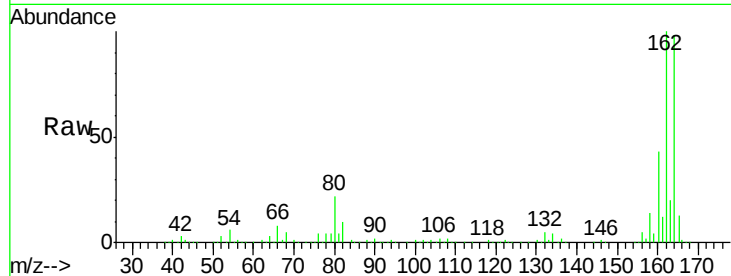




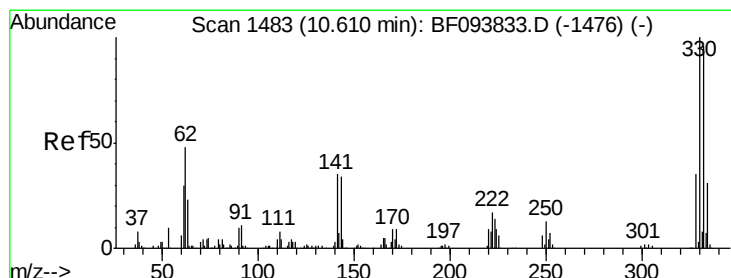
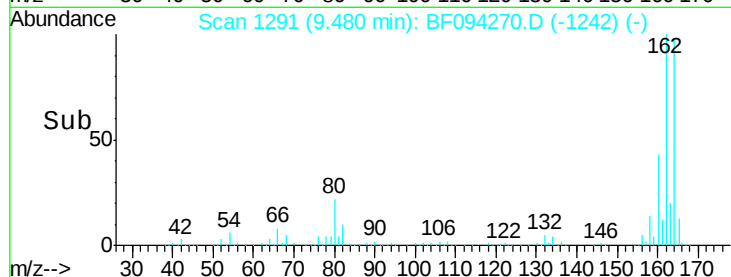
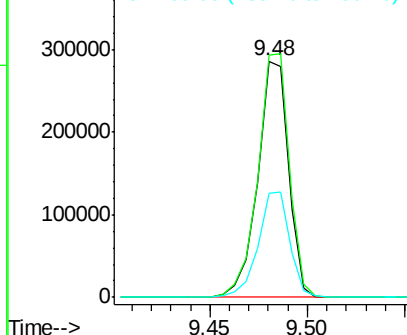
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF094270.D
 Acq: 7 Apr 2017 13:55

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

Tot Ion:164 Resp: 312412
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 43.9 36.2 54.2

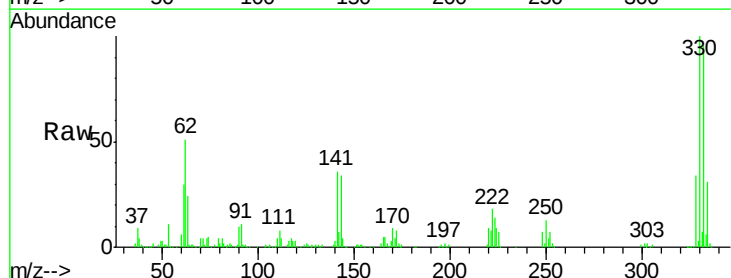


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

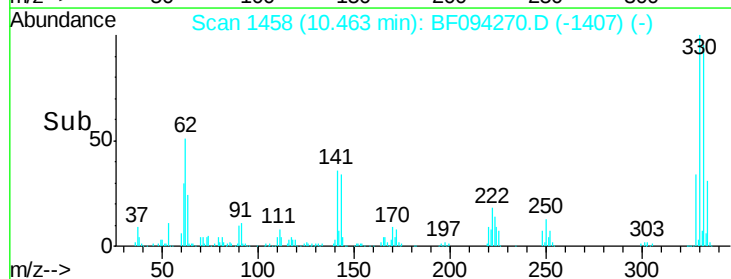
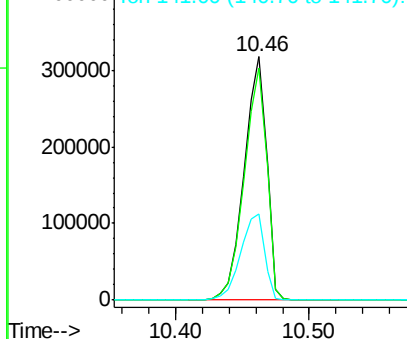


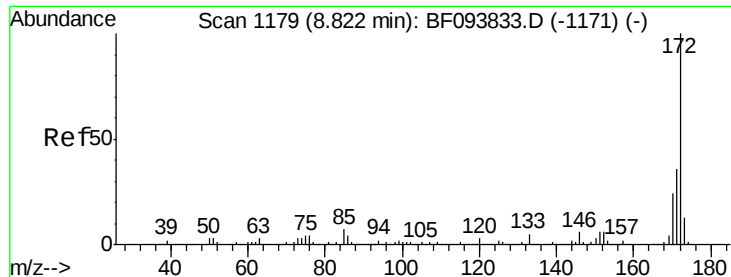
#41
 2,4,6-Tribromophenol
 Concen: 149.11 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF094270.D
 Acq: 7 Apr 2017 13:55

Tgt Ion:330 Resp: 368121
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.1 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

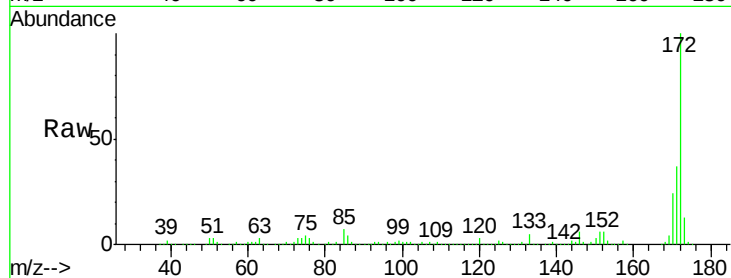




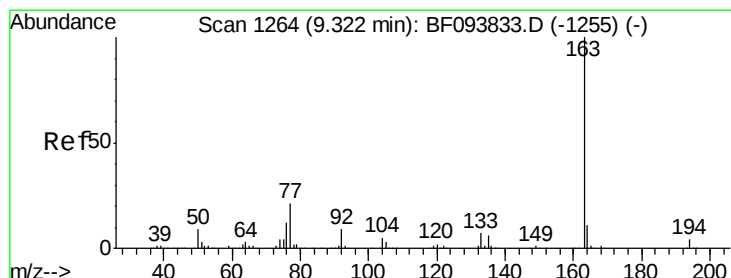
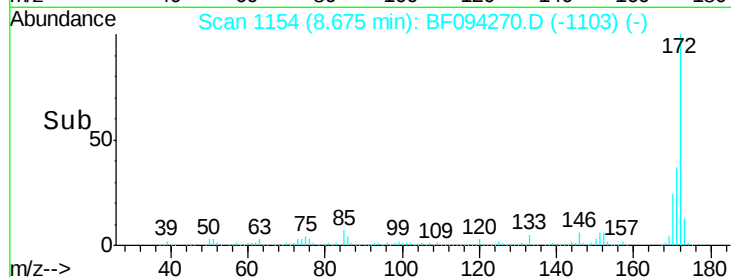
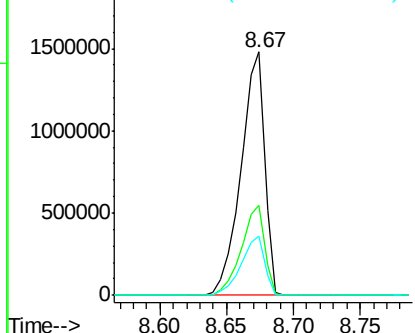
#44
2-Fluorobiphenyl
Concen: 88.32 ng
RT: 8.67 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

Instrument :
BNA_F
ClientSampleId :
RT-3460

Tot Ion:172 Resp: 1808965
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.3 19.8 29.8

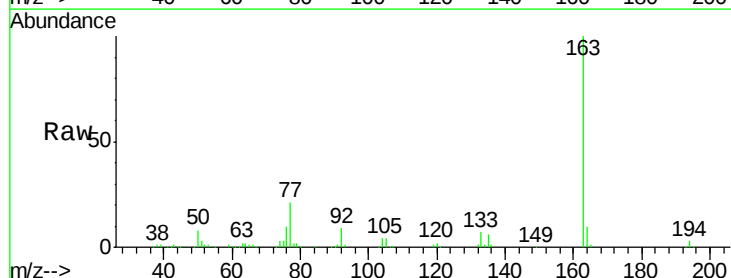


Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

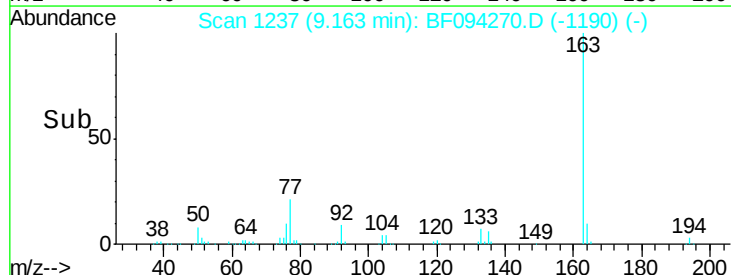
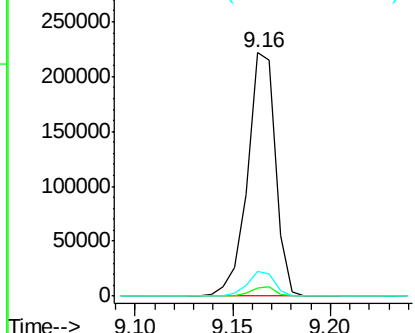


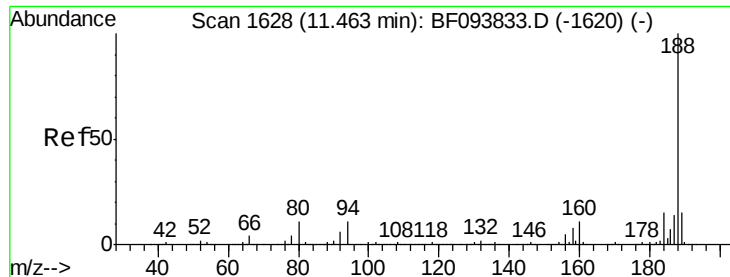
#49
Dimethylphthalate
Concen: 9.94 ng
RT: 9.16 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

Tgt Ion:163 Resp: 220702
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
300000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

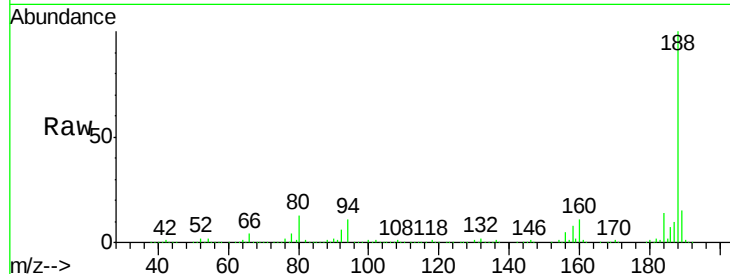




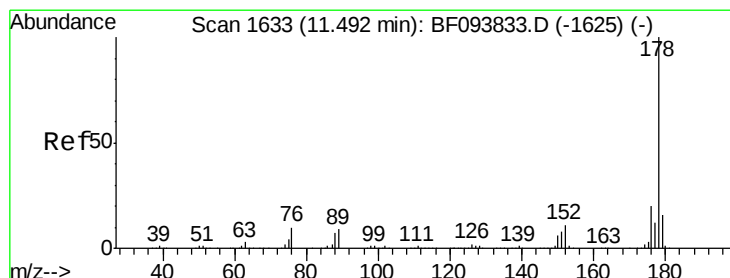
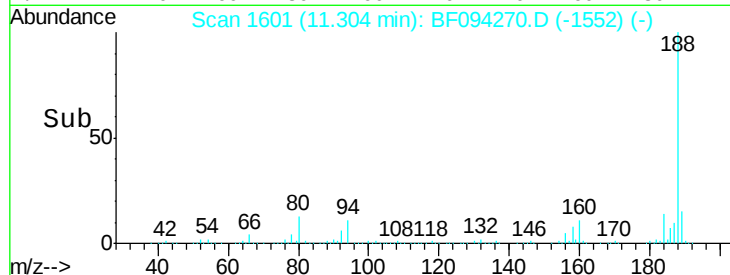
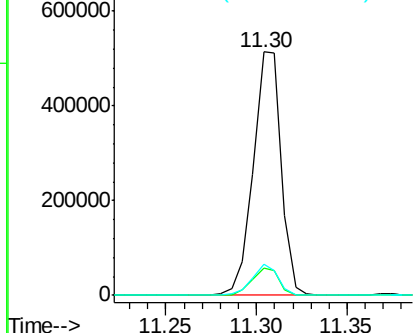
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

Instrument :
BNA_F
ClientSampleId :
RT-3460

Tot Ion:188 Resp: 551741
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.9 10.2 15.2

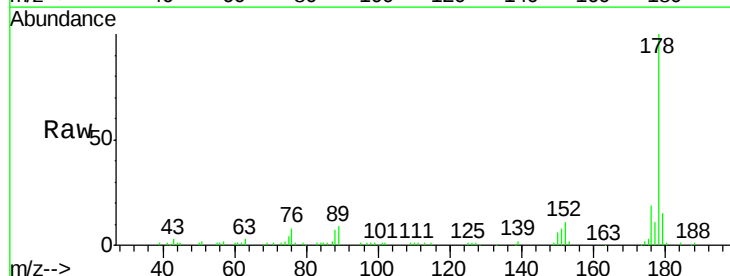


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

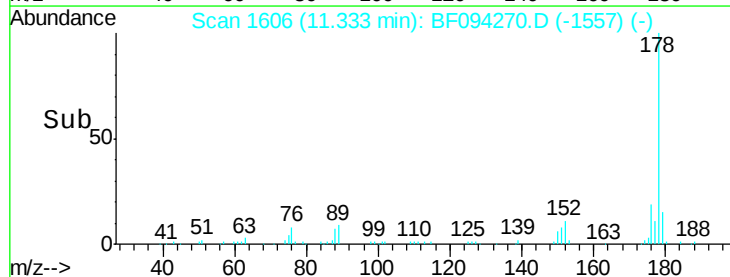
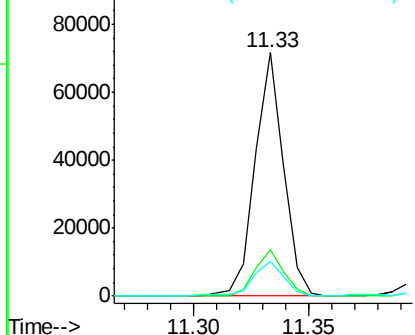


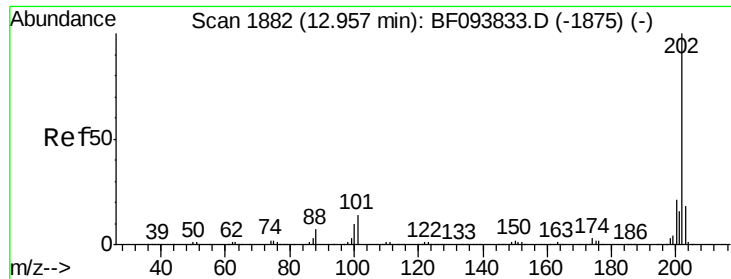
#70
Phenanthrene
Concen: 2.01 ng
RT: 11.33 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

Tgt Ion:178 Resp: 61814
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.4
179 14.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

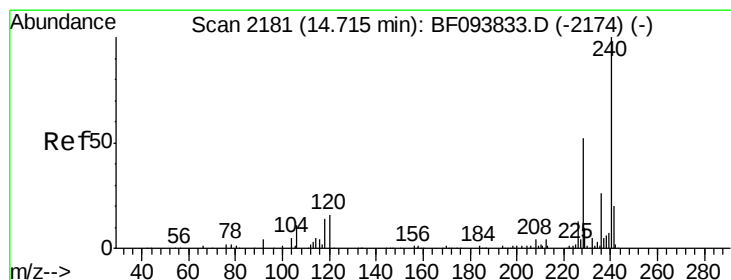
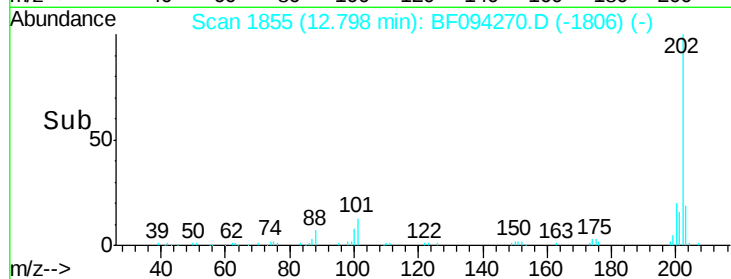
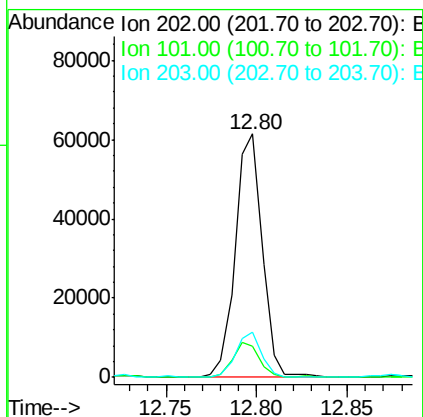
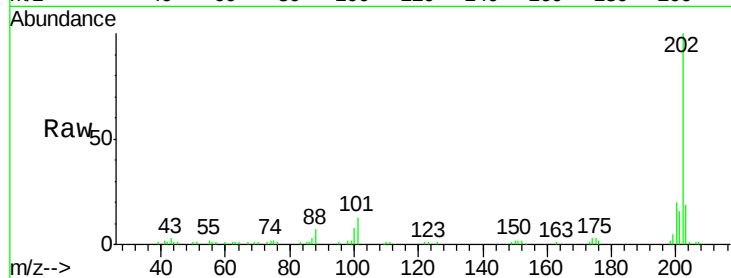




#74
Fluoranthene
Concen: 2.03 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

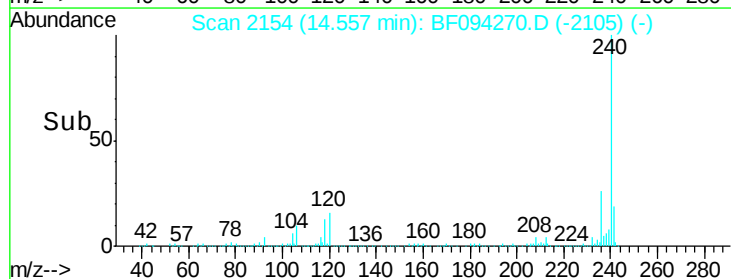
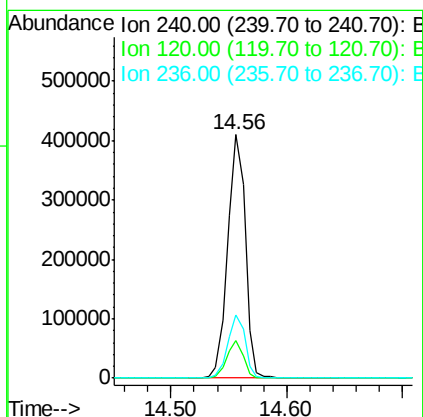
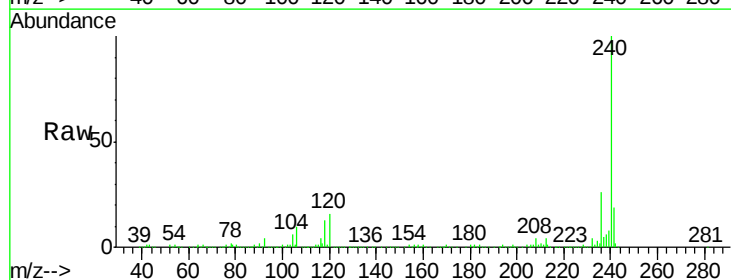
Instrument :
BNA_F
ClientSampleId :
RT-3460

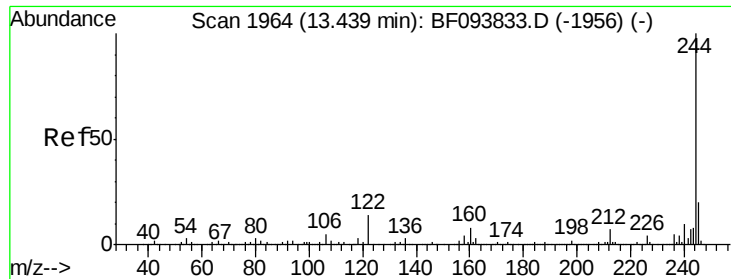
Tot Ion:202 Resp: 63831
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 18.5 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

Tgt Ion:240 Resp: 433957
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 26.2 20.5 30.7

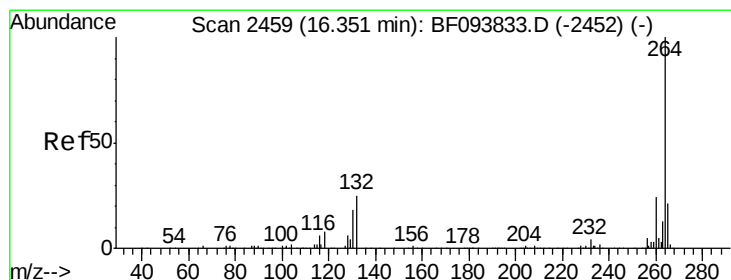
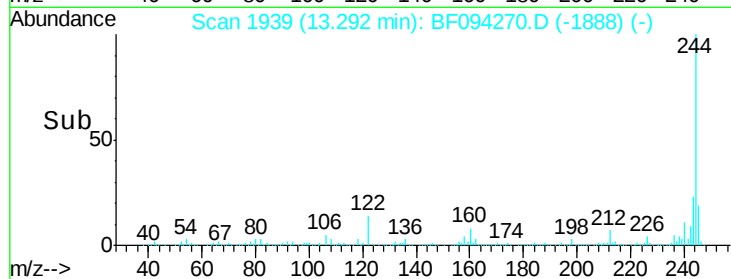
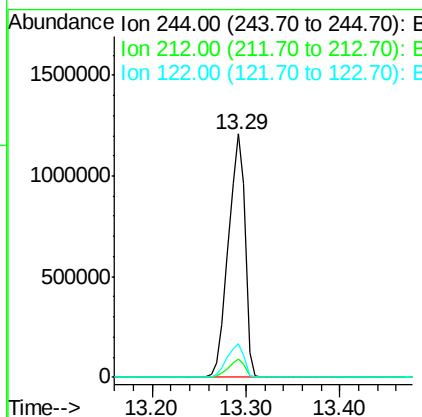
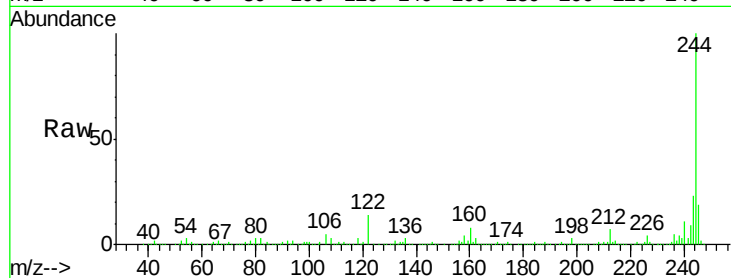




#78
 Terphenyl-d14
 Concen: 77.01 ng
 RT: 13.29 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BF094270.D
 Acq: 7 Apr 2017 13:55

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

Tot Ion:244 Resp: 1490948
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BF094270.D
 Acq: 7 Apr 2017 13:55

Tgt Ion:264 Resp: 285455
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.9 17.2 25.8

