

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094295.D
 Acq On : 8 Apr 2017 3:00
 Operator : SJ/MA
 Sample : I2589-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040517-DSDC-E-U-M

Quant Time: Apr 08 05:11:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	145902	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	537412	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	209985	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	303688	20.00	ng	0.00
75) Chrysene-d12	14.57	240	287469	20.00	ng	0.00
86) Perylene-d12	16.20	264	230900	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	367641	42.56	ng	0.03
7) Phenol-d6	5.49	99	267573	25.04	ng	0.03
23) Nitrobenzene-d5	6.51	82	941309	99.96	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	148598	89.55	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1548134	112.45	ng	0.00
78) Terphenyl-d14	13.30	244	944009	73.61	ng	0.00

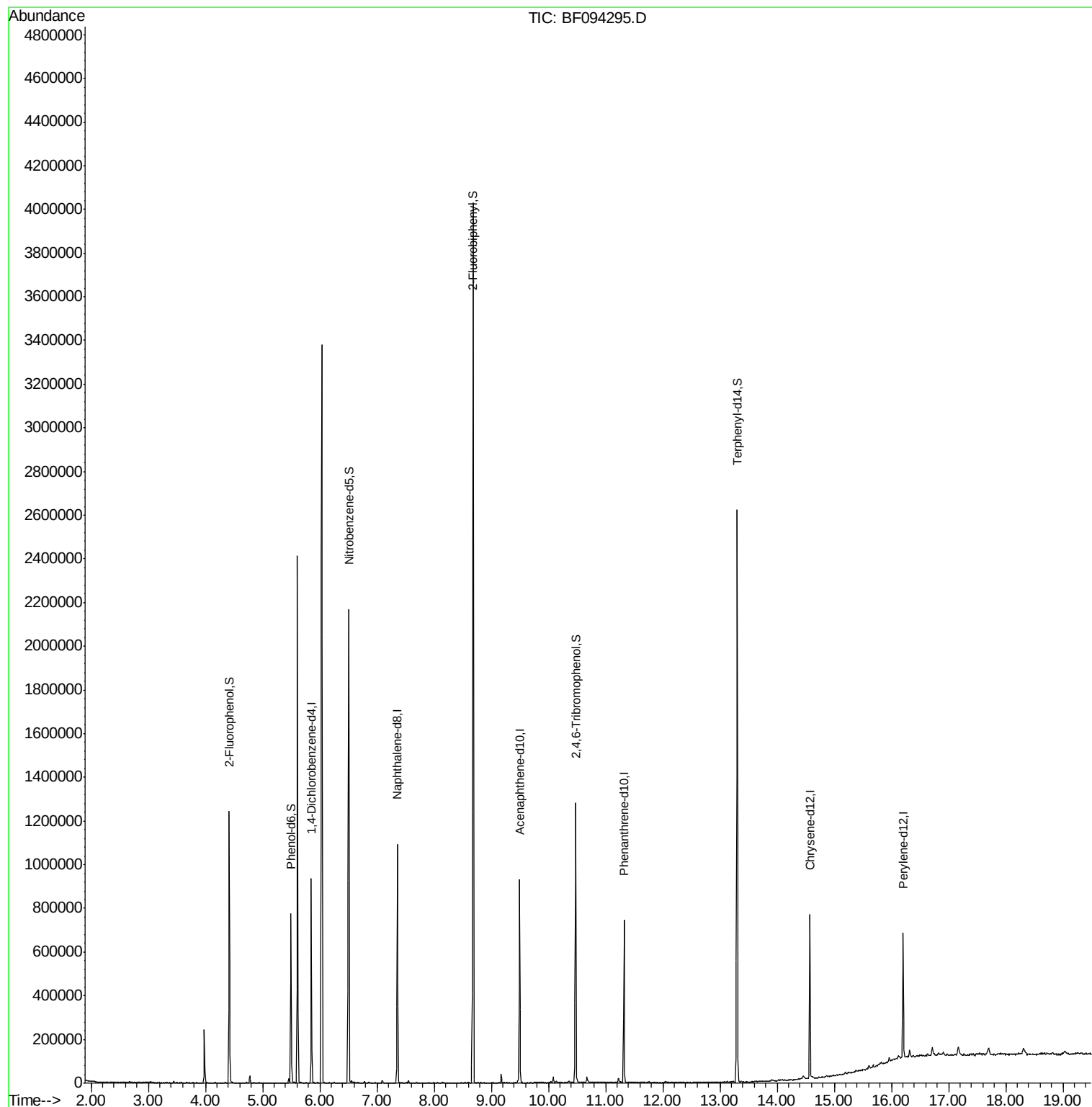
Target Compounds Qvalue

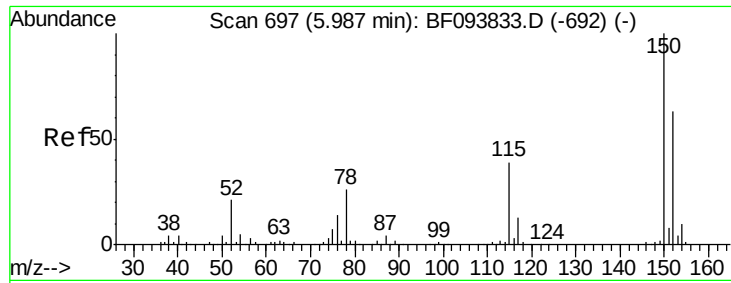
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094295.D
Acq On : 8 Apr 2017 3:00
Operator : SJ/MA
Sample : I2589-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
040517-DSDC-E-U-M

Quant Time: Apr 08 05:11:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

Instrument :

BNA_F

ClientSampleId :

040517-DSDC-E-U-M

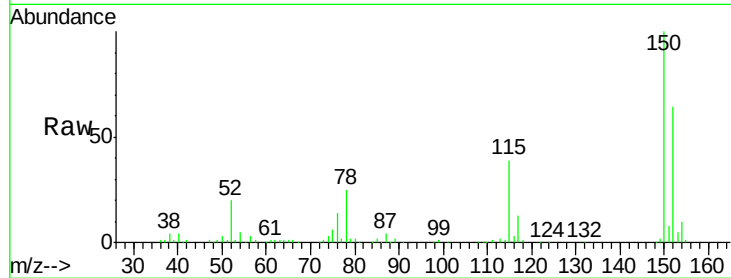
Tot Ion:152 Resp: 145902

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

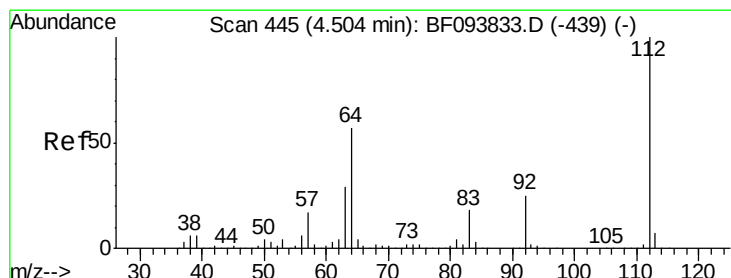
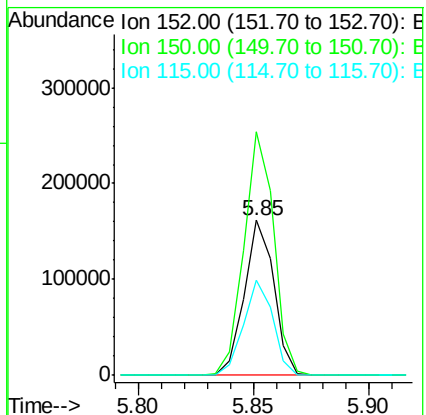
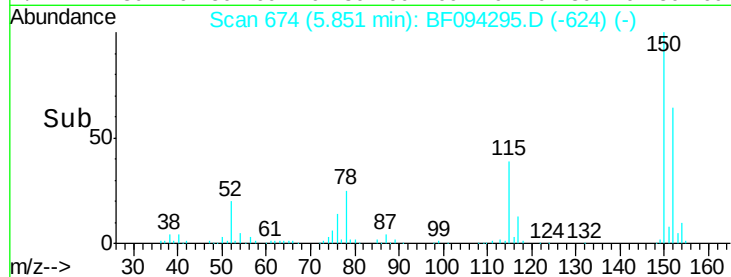
115 61.1 52.2 78.2



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: 42.56 ng

RT: 4.42 min Scan# 430

Delta R.T. 0.03 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

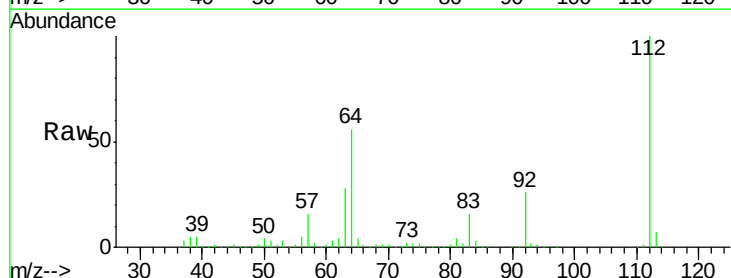
Tgt Ion:112 Resp: 367641

Ion Ratio Lower Upper

112 100

64 56.4 46.0 69.0

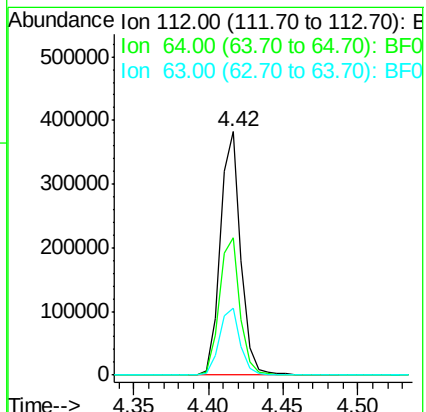
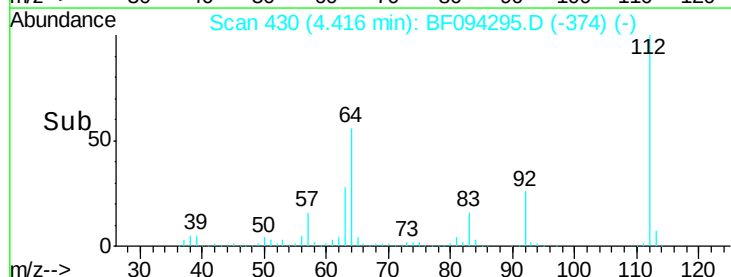
63 27.7 23.4 35.0

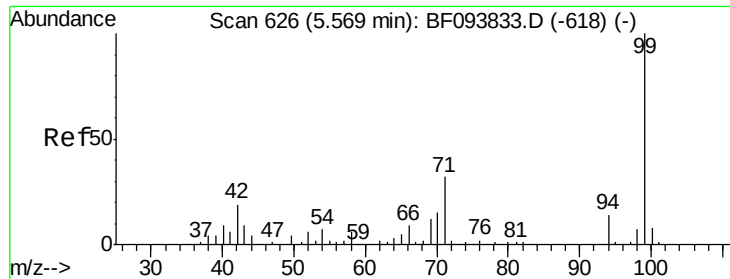


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.04 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.03 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

Instrument :

BNA_F

ClientSampleId :

040517-DSDC-E-U-M

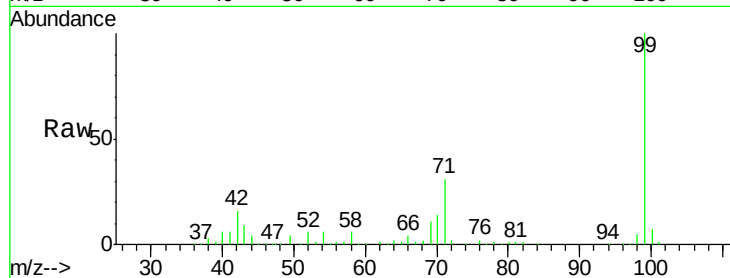
Tot Ion: 99 Resp: 267573

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

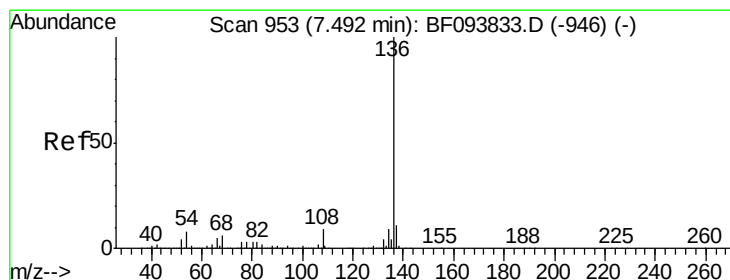
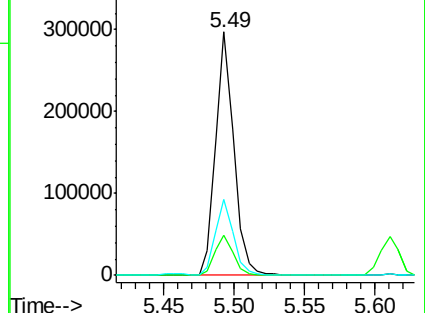
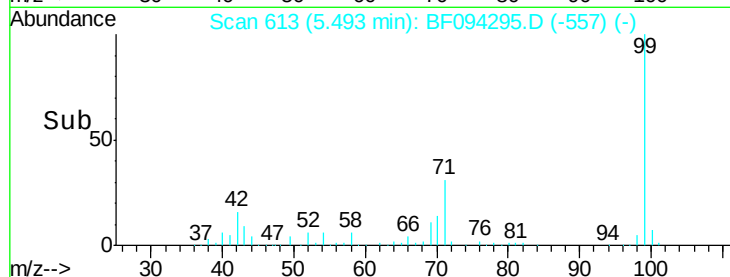
71 31.0 24.5 36.7



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: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094295.D

Acq: 8 Apr 2017 3:00

Tgt Ion: 136 Resp: 537412

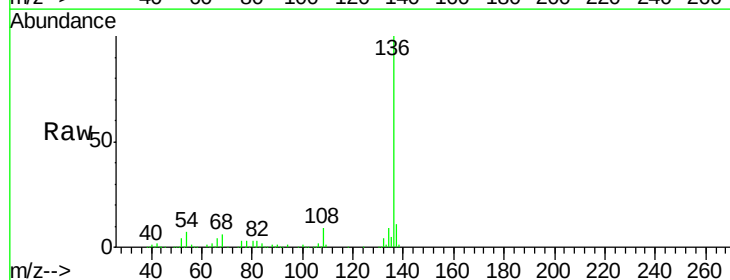
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.6 4.1 6.1

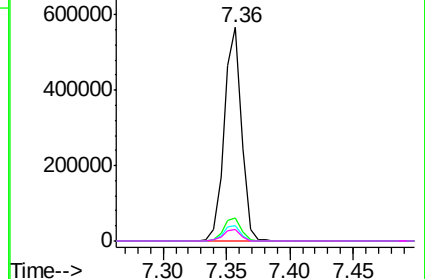
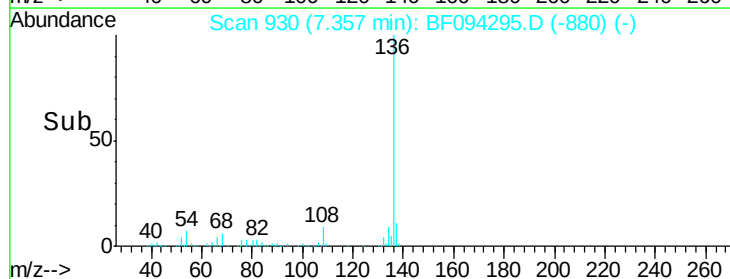


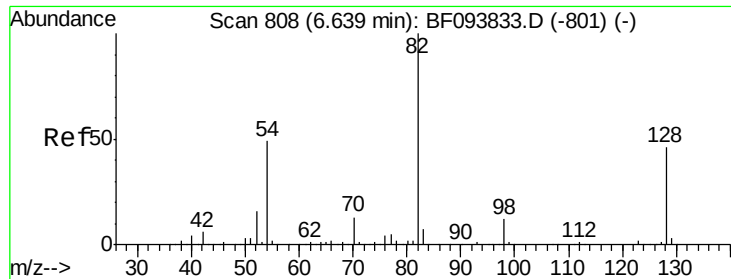
Abundance Ion 136.00 (135.70 to 136.70): E

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

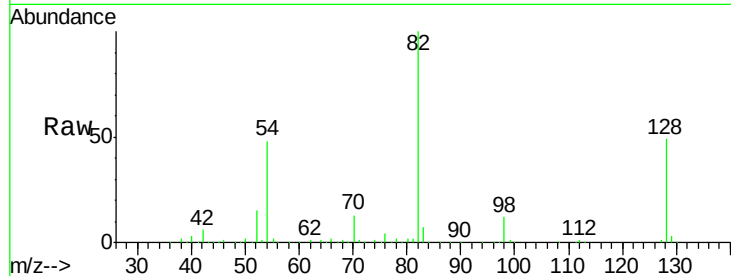




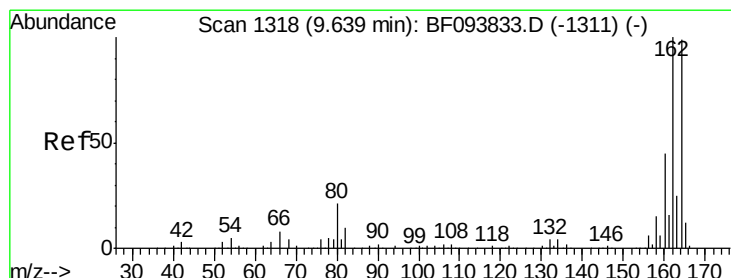
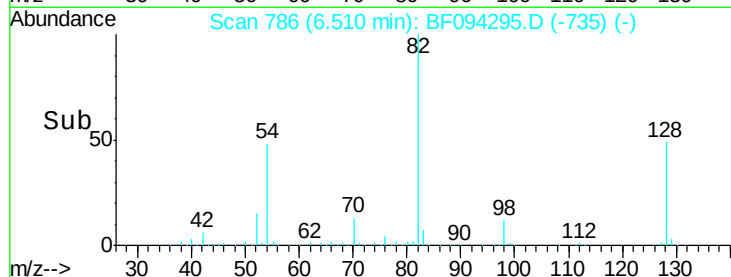
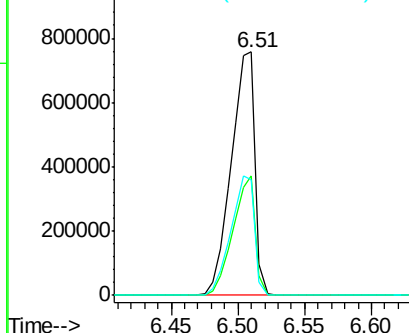
#23
 Nitrobenzene-d5
 Concen: 99.96 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Instrument :
 BNA_F
 ClientSampleId :
 040517-DSDC-E-U-M

Tot Ion: 82 Resp: 941309
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.0 51.0
 54 47.7 42.2 63.2

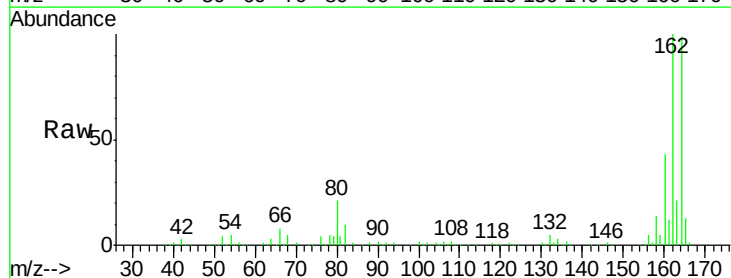


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

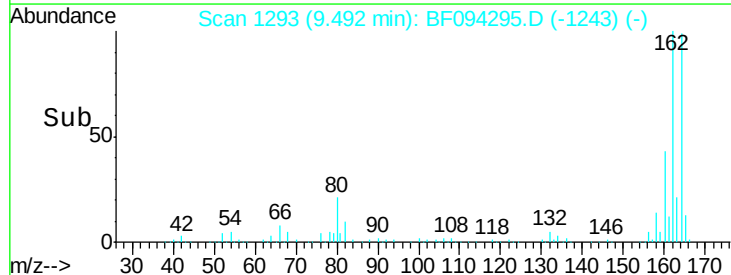
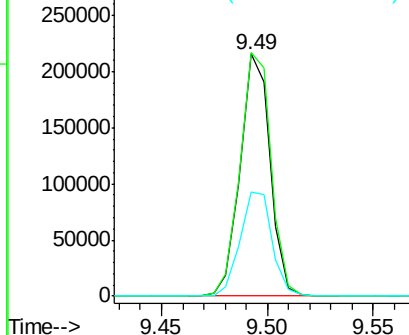


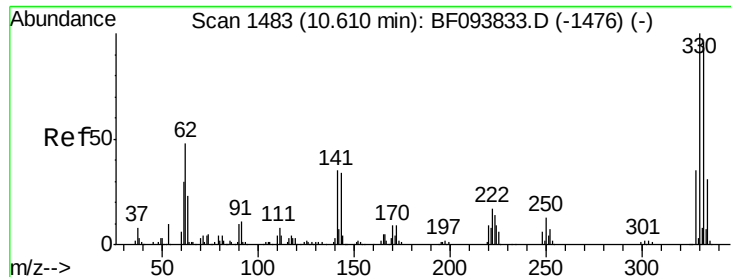
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Tgt Ion: 164 Resp: 209985
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 123.8
 160 43.2 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

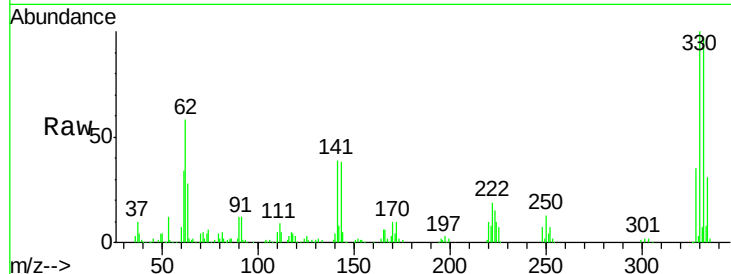




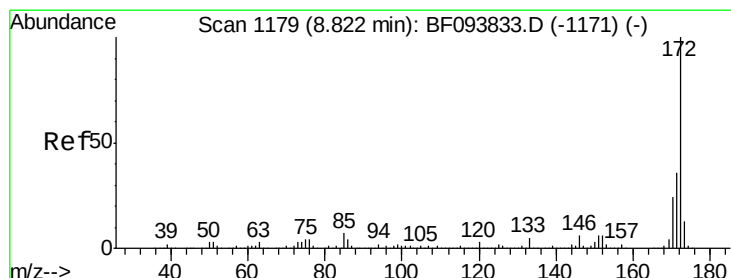
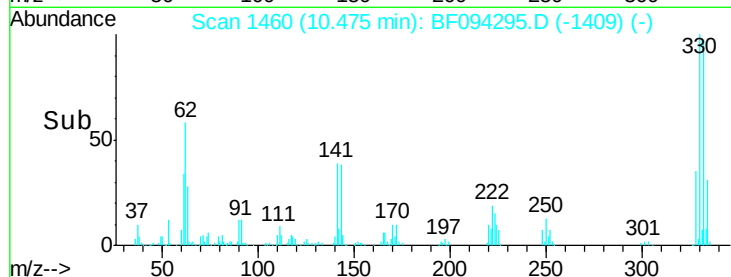
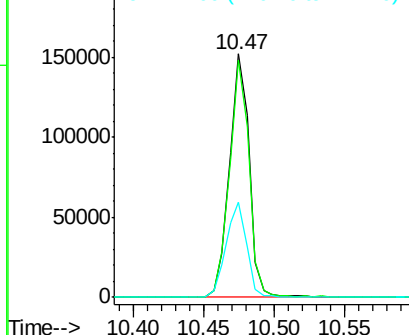
#41
 2,4,6-Tribromophenol
 Concen: 89.55 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Instrument :
 BNA_F
 ClientSampleId :
 040517-DSDC-E-U-M

Tot Ion:330 Resp: 148598
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 40.4 31.4 47.2

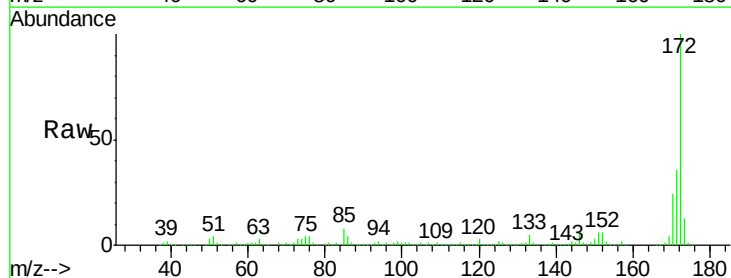


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

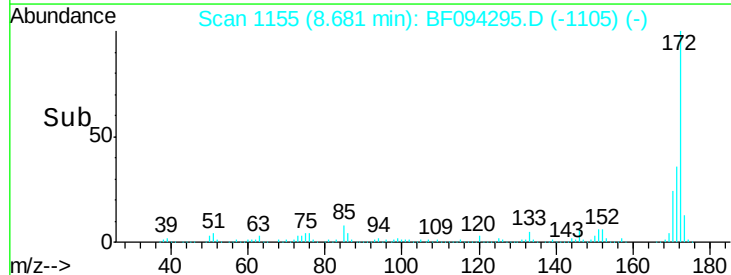
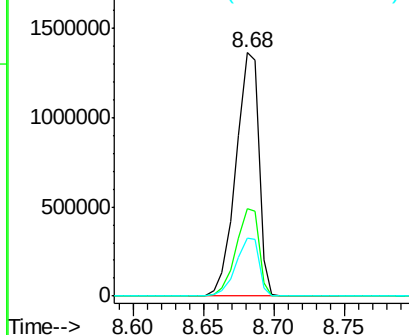


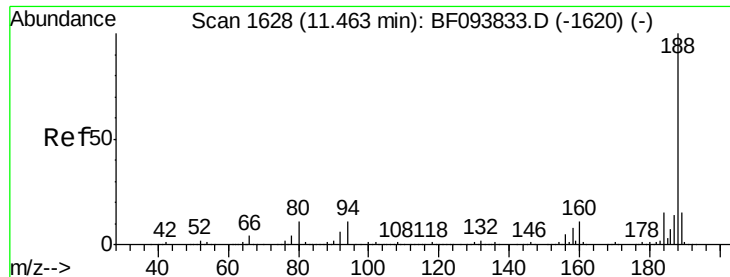
#44
 2-Fluorobiphenyl
 Concen: 112.45 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Tgt Ion:172 Resp: 1548134
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.9 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

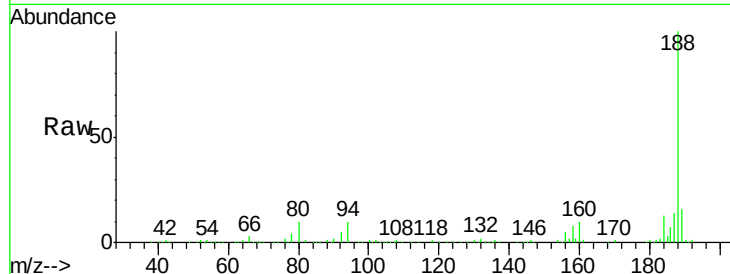




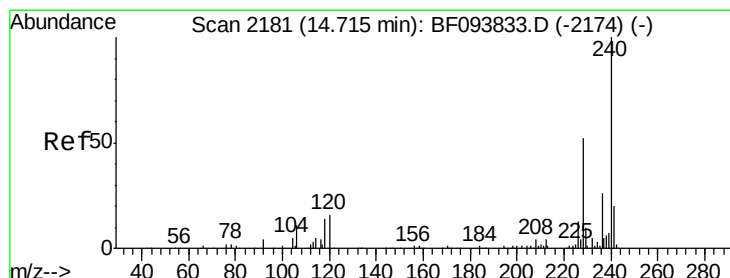
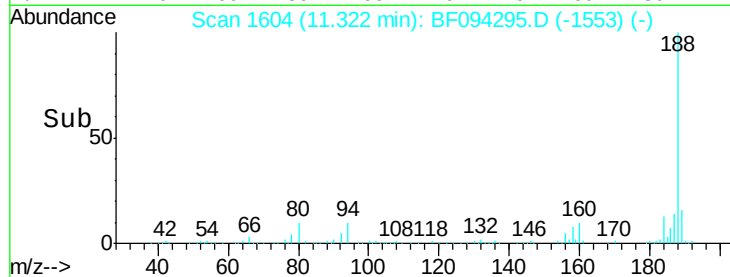
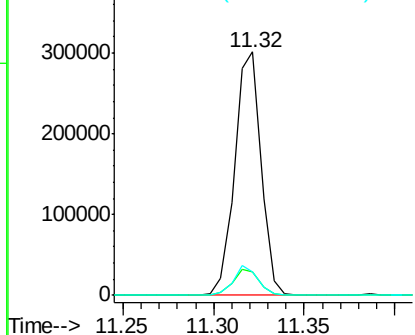
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF094295.D
Acq: 8 Apr 2017 3:00

Instrument :
BNA_F
ClientSampleId :
040517-DSDC-E-U-M

Tot Ion:188 Resp: 303688
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 9.6 10.2 15.2#

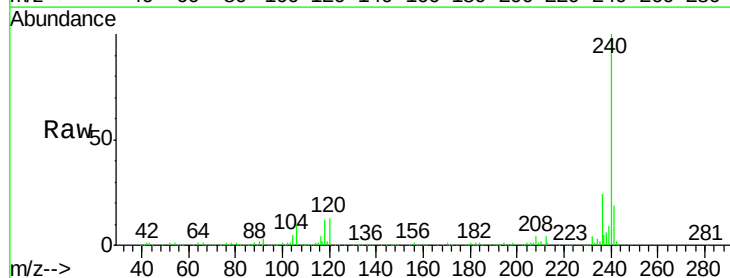


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

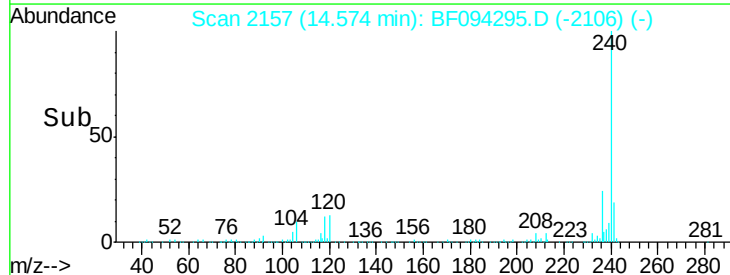
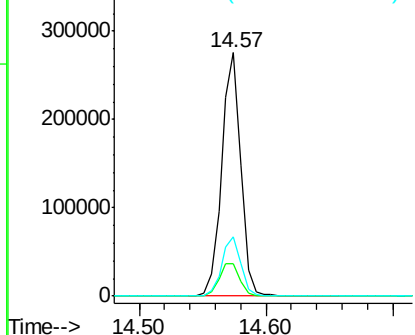


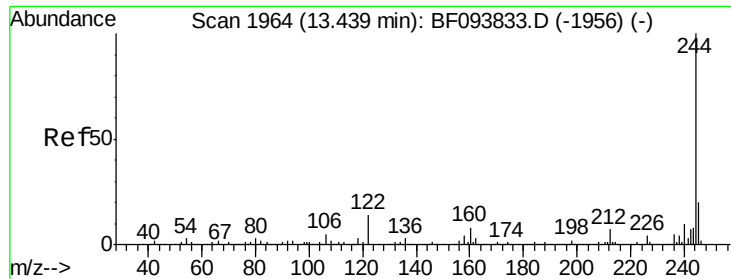
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF094295.D
Acq: 8 Apr 2017 3:00

Tgt Ion:240 Resp: 287469
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 24.5 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

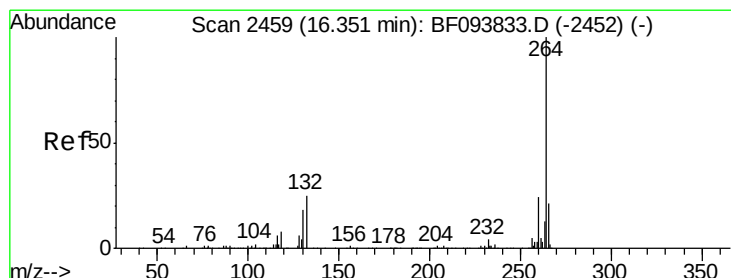
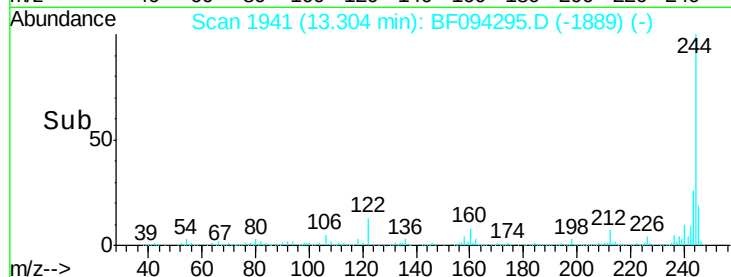
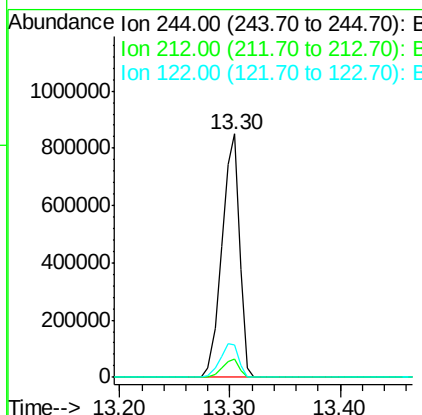
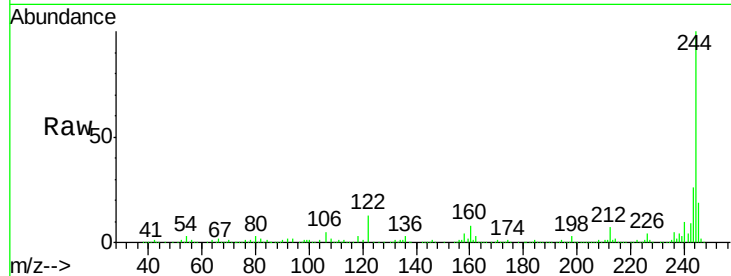




#78
 Terphenyl-d14
 Concen: 73.61 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Instrument :
 BNA_F
 ClientSampleId :
 040517-DSDC-E-U-M

Tot Ion:244 Resp: 944009
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. 0.01 min
 Lab File: BF094295.D
 Acq: 8 Apr 2017 3:00

Tgt Ion:264 Resp: 230900
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.1 17.2 25.8

