

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094634.D
 Acq On : 26 Apr 2017 5:32
 Operator : SJ/MA
 Sample : I2824-05 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-W10-BASE

Quant Time: Apr 26 07:40:12 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	5.75	152	113939	20.00	ng	-0.01
21) Naphthalene-d8	7.25	136	449824	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	179527	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	271966	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	255816	20.00	ng	-0.01
86) Perylene-d12	16.08	264	176641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	152506	22.21	ng	0.00
7) Phenol-d6	5.37	99	198905	24.57	ng	-0.02
23) Nitrobenzene-d5	6.40	82	118141	16.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	24561	17.49	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	222103	18.20	ng	-0.02
78) Terphenyl-d14	13.18	244	137009	14.32	ng	-0.02

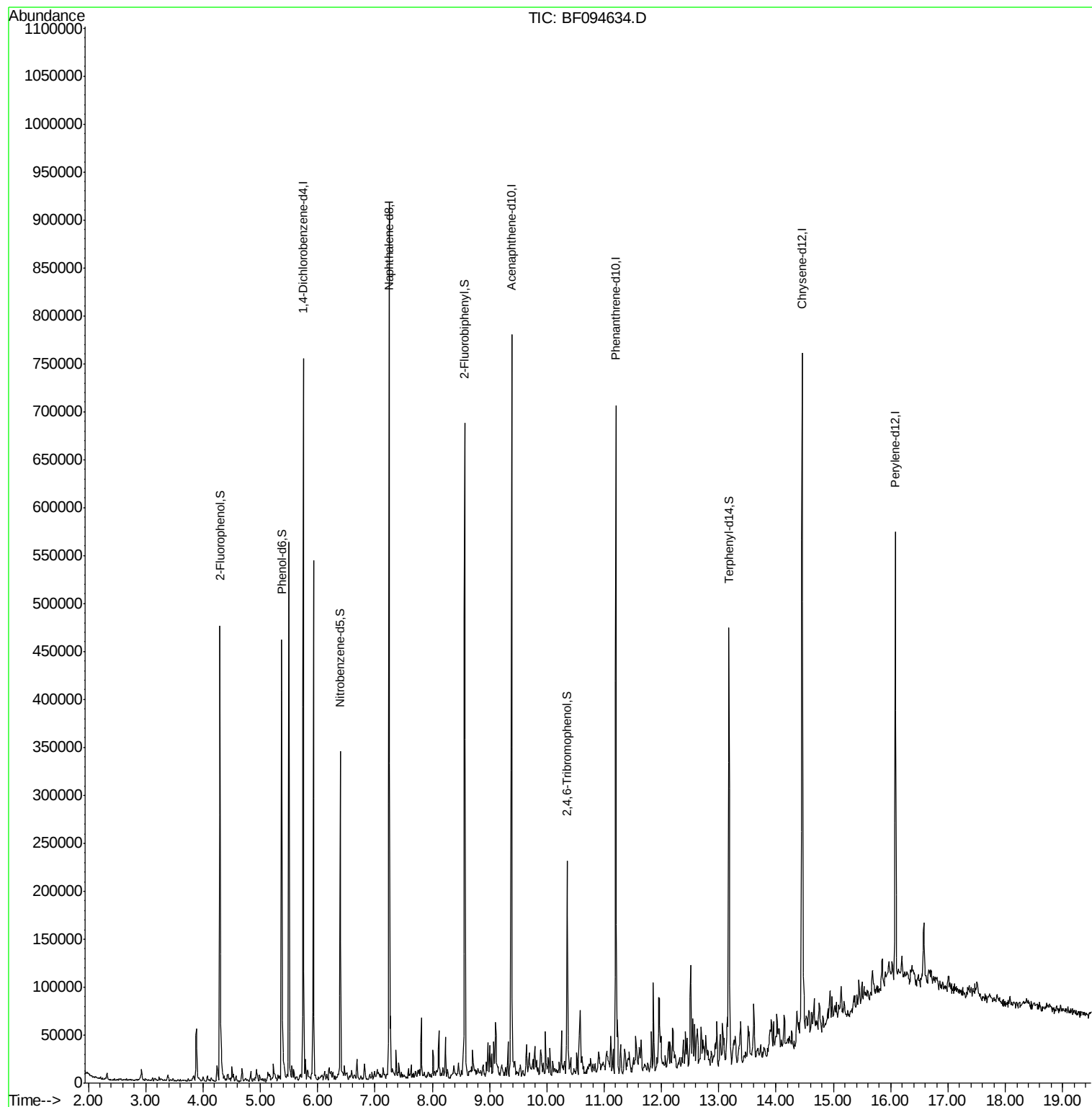
Target Compounds Qvalue

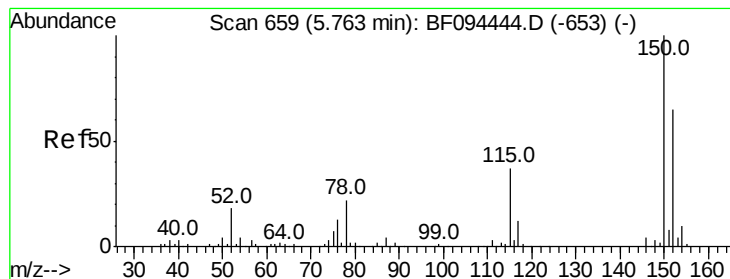
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF094634.D

Acq: 26 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-W10-BASE

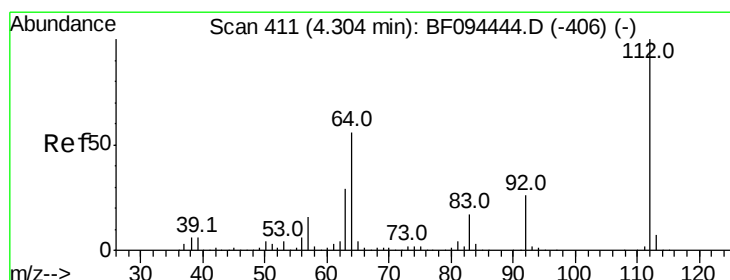
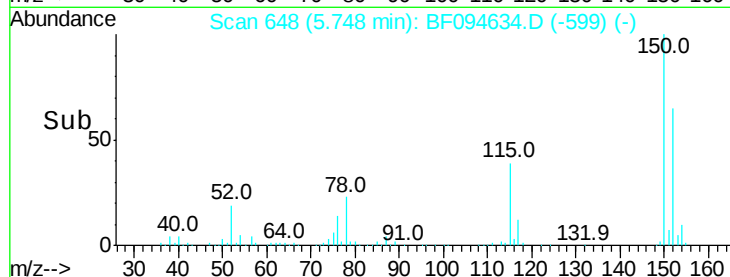
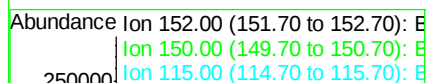
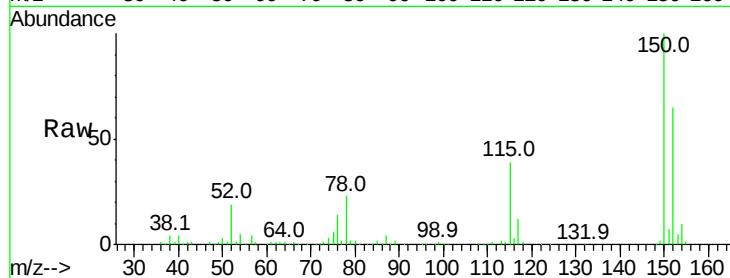
Tot Ion:152 Resp: 113939

Ion Ratio Lower Upper

152 100

150 152.9 126.2 189.2

115 59.8 52.2 78.2



#5

2-Fluorophenol

Concen: 22.21 ng

RT: 4.30 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF094634.D

Acq: 26 Apr 2017 5:32

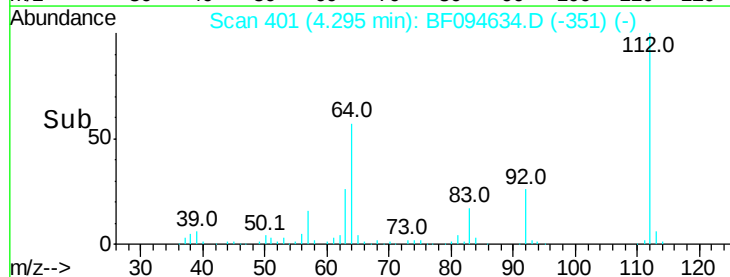
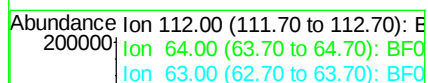
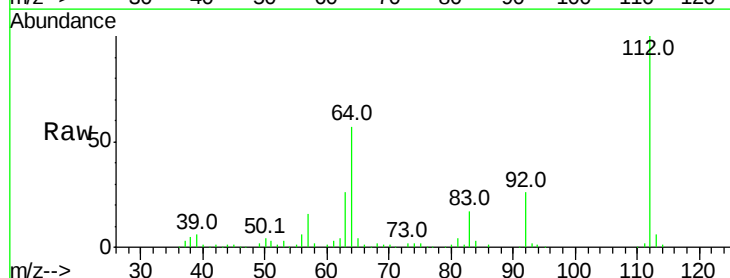
Tgt Ion:112 Resp: 152506

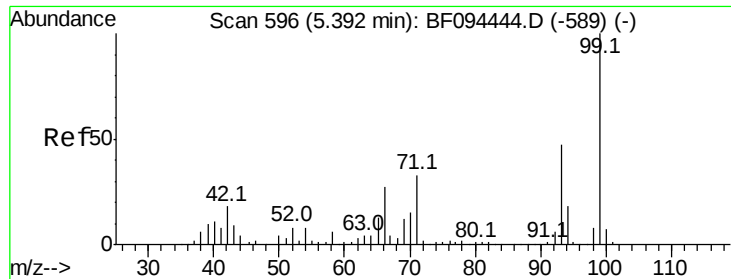
Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

63 26.5 23.4 35.0





#7

Phenol-d6

Concen: 24.57 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094634.D

Acq: 26 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-W10-BASE

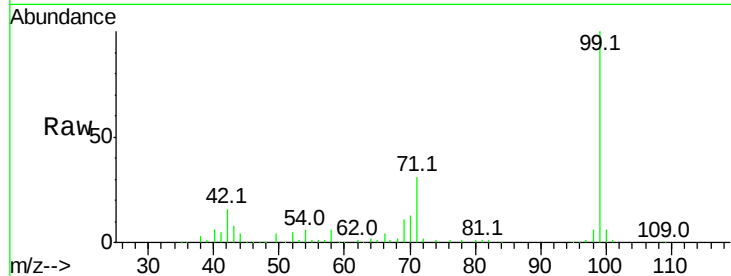
Tot Ion: 99 Resp: 198905

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

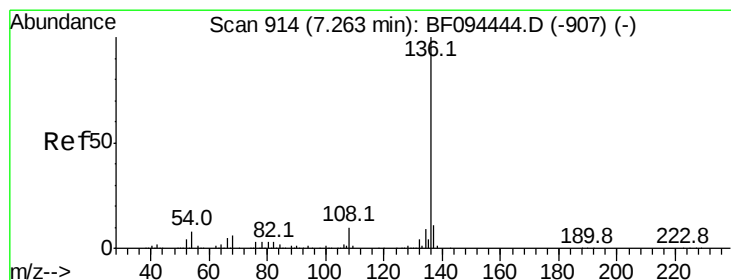
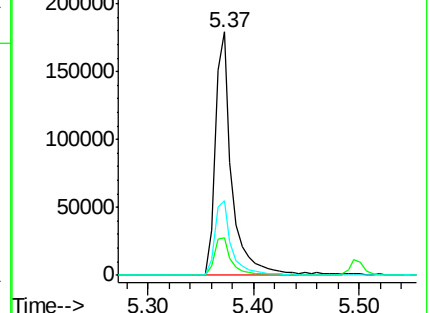
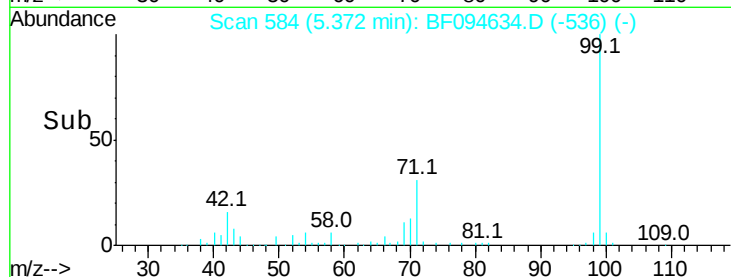
71 30.6 24.5 36.7



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: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094634.D

Acq: 26 Apr 2017 5:32

Tgt Ion: 136 Resp: 449824

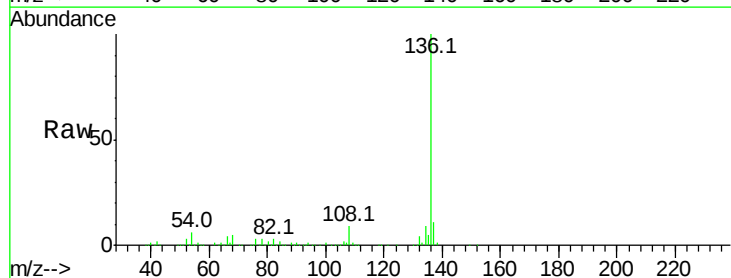
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.4 4.9 7.3

68 5.3 4.1 6.1

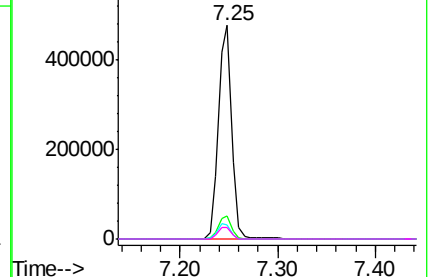
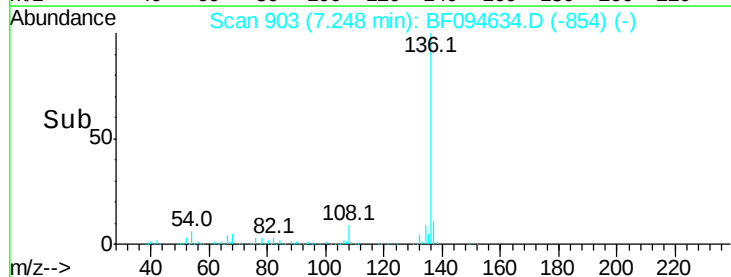


Abundance Ion 136.00 (135.70 to 136.70): E

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

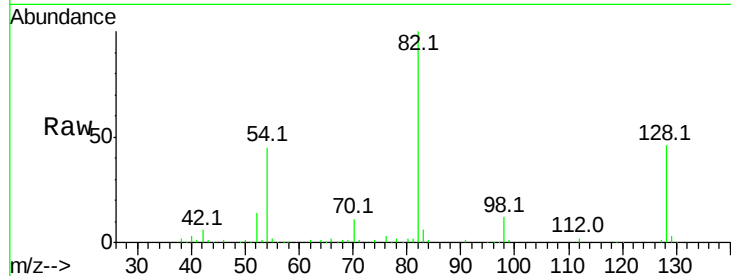




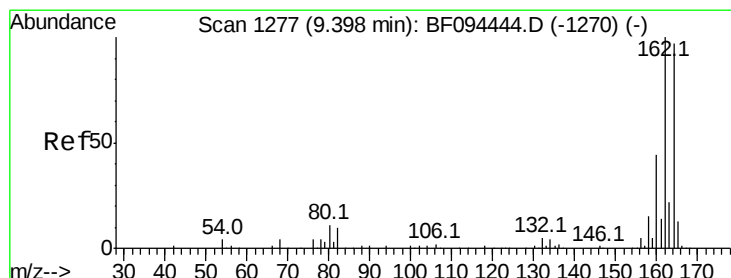
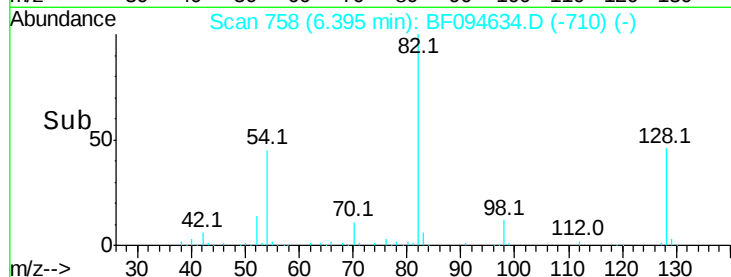
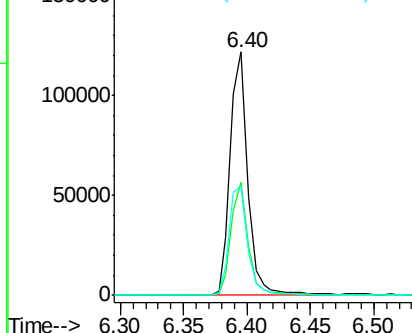
#23
 Nitrobenzene-d5
 Concen: 16.22 ng
 RT: 6.40 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF094634.D
 Acq: 26 Apr 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-W10-BASE

Tot Ion: 82 Resp: 118141
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 44.6 42.2 63.2

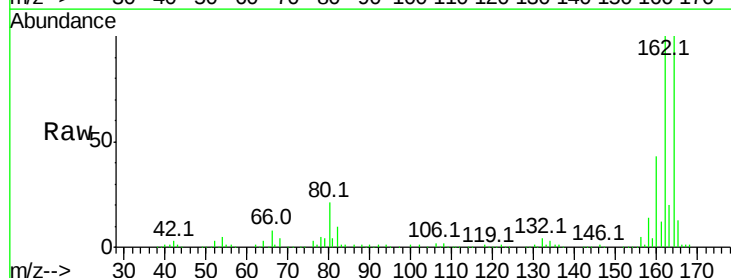


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

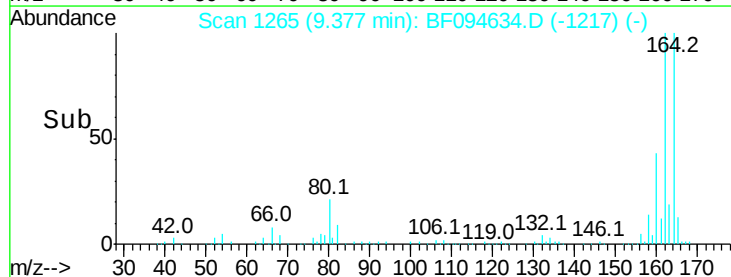
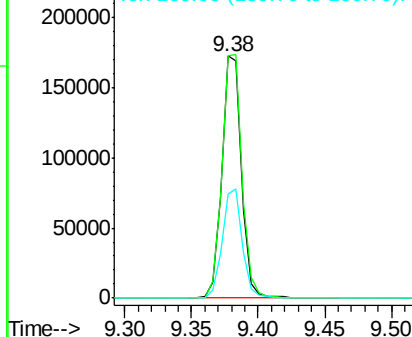


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094634.D
 Acq: 26 Apr 2017 5:32

Tgt Ion:164 Resp: 179527
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.6 123.8
 160 42.9 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

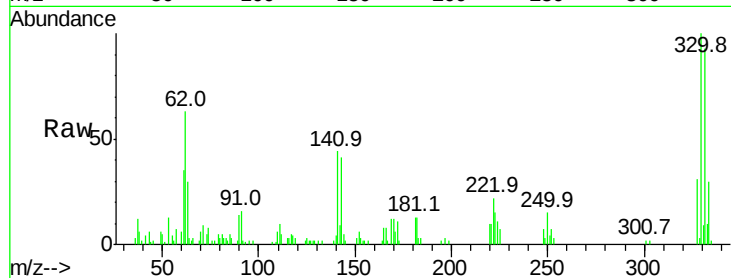




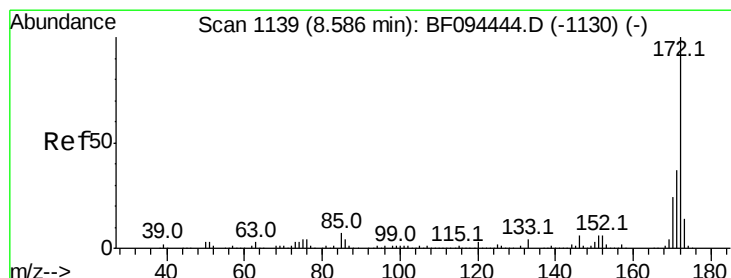
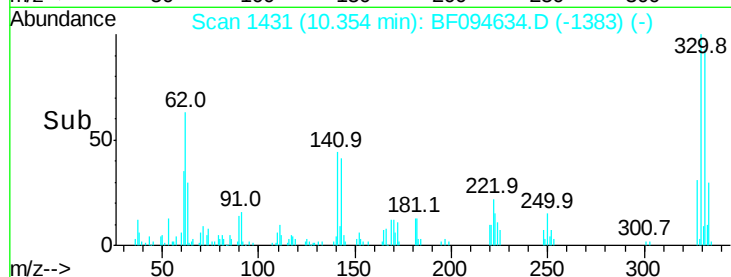
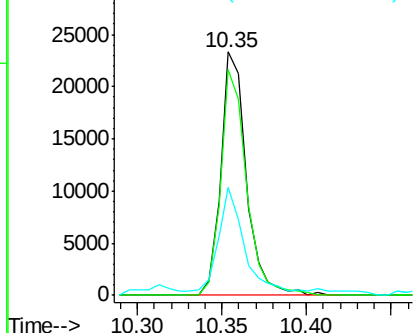
#41
 2,4,6-Tribromophenol
 Concen: 17.49 ng
 RT: 10.35 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF094634.D
 Acq: 26 Apr 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-W10-BASE

Tot Ion:330 Resp: 24561
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.6 115.0
 141 41.5 31.4 47.2

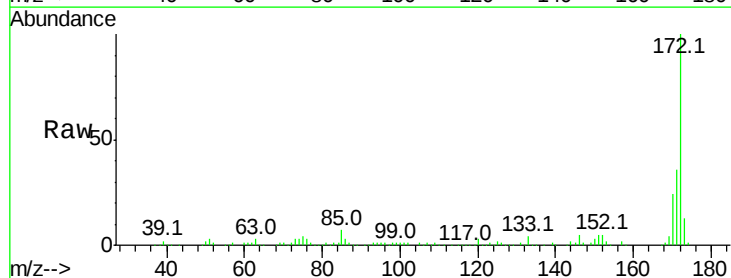


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

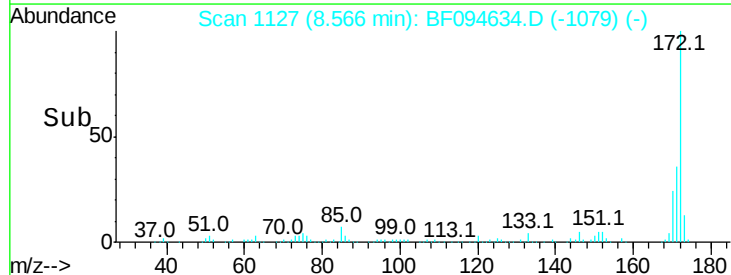
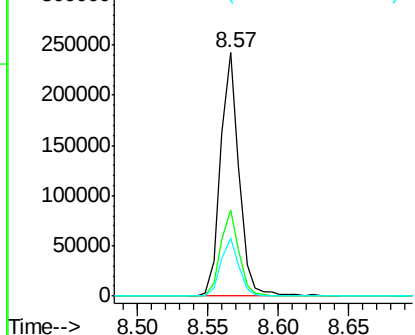


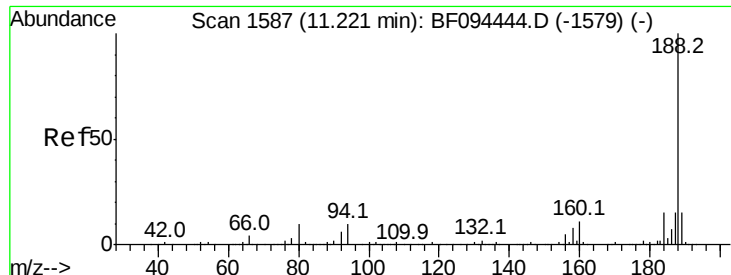
#44
 2-Fluorobiphenyl
 Concen: 18.20 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094634.D
 Acq: 26 Apr 2017 5:32

Tgt Ion:172 Resp: 222103
 Ion Ratio Lower Upper
 172 100
 171 35.6 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

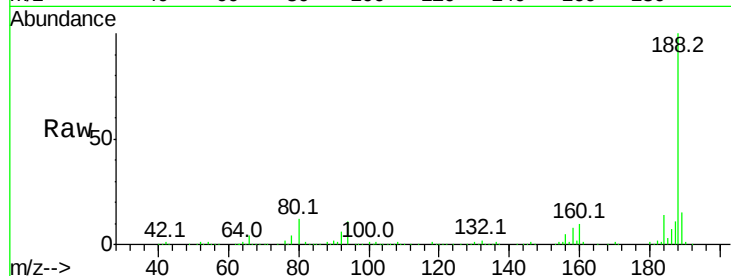




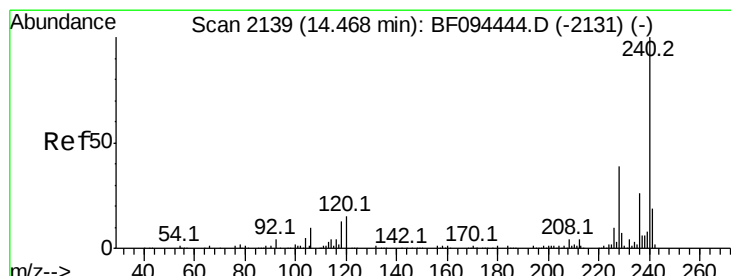
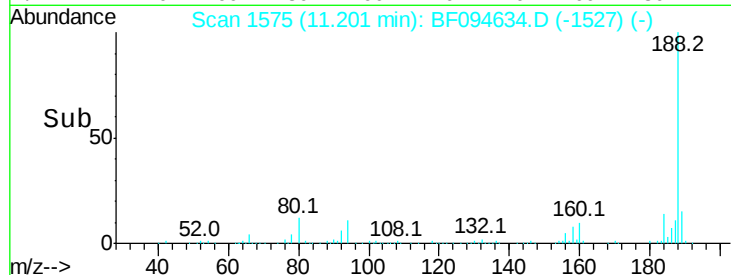
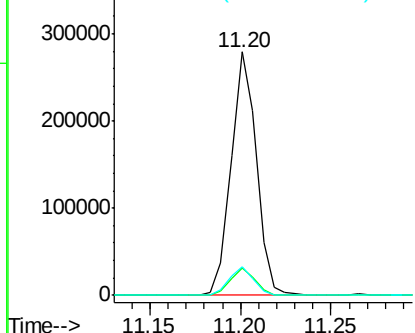
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094634.D
Acq: 26 Apr 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tot Ion:188 Resp: 271966
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.8 10.2 15.2

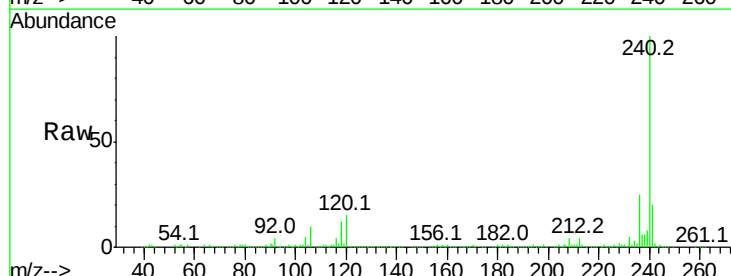


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

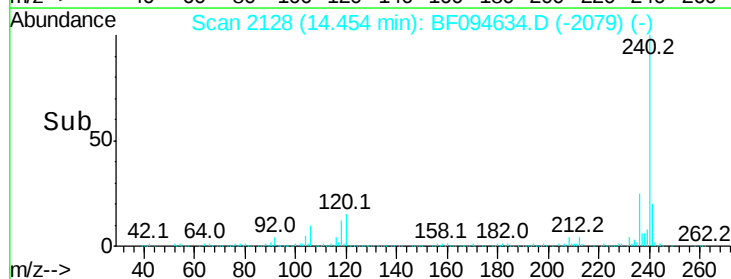
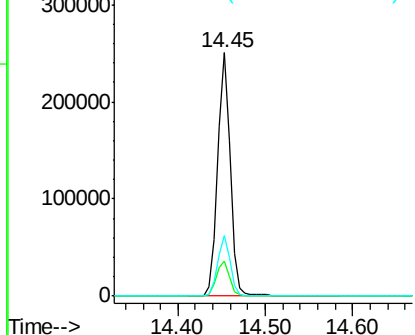


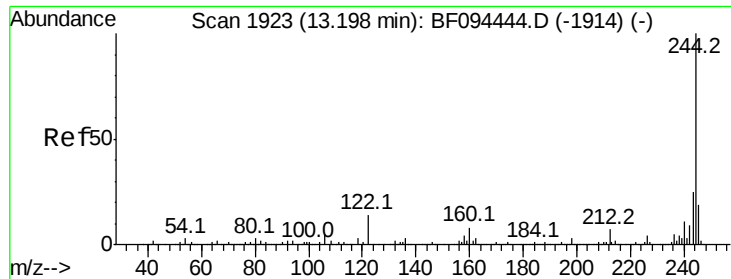
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094634.D
Acq: 26 Apr 2017 5:32

Tgt Ion:240 Resp: 255816
Ion Ratio Lower Upper
240 100
120 14.6 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

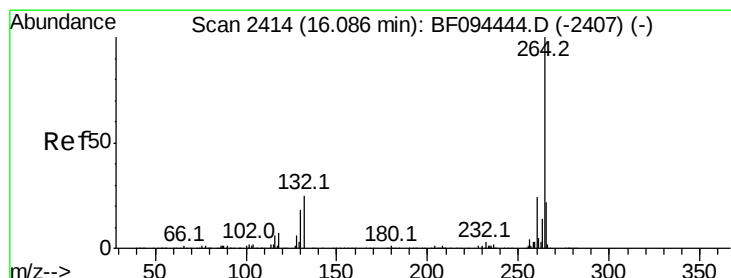
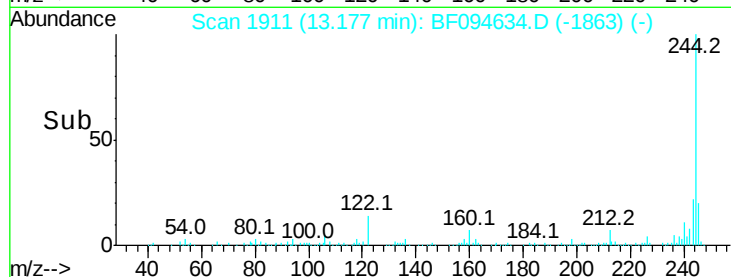
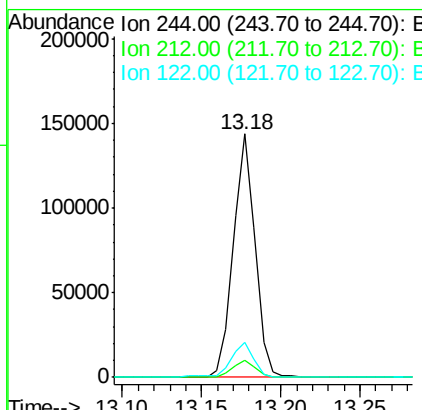
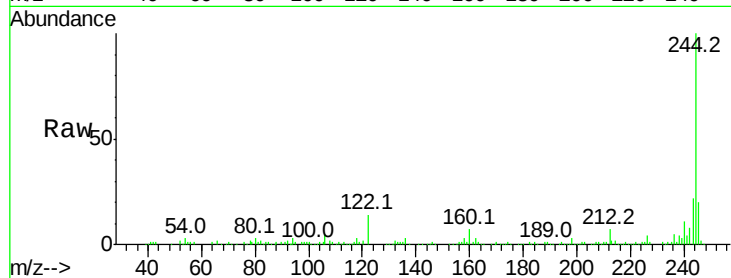




#78
 Terphenyl-d14
 Concen: 14.32 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094634.D
 Acq: 26 Apr 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-W10-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.4	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094634.D
 Acq: 26 Apr 2017 5:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.5	17.2	25.8

