

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
 Data File : BF094867.D
 Acq On : 4 May 2017 9:55
 Operator : SJ/MA
 Sample : I2921-02 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-BASE-03

Quant Time: May 04 10:54:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	99598	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	391653	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	155649	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	239268	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	214859	20.00	ng	-0.02
86) Perylene-d12	20.31	264	153142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	171881	28.77	ng	0.00
7) Phenol-d6	7.26	99	218490	30.48	ng	-0.02
23) Nitrobenzene-d5	8.61	82	126146	20.31	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	33962	26.64	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	226613	20.96	ng	-0.01
78) Terphenyl-d14	17.29	244	132067	13.54	ng	-0.02

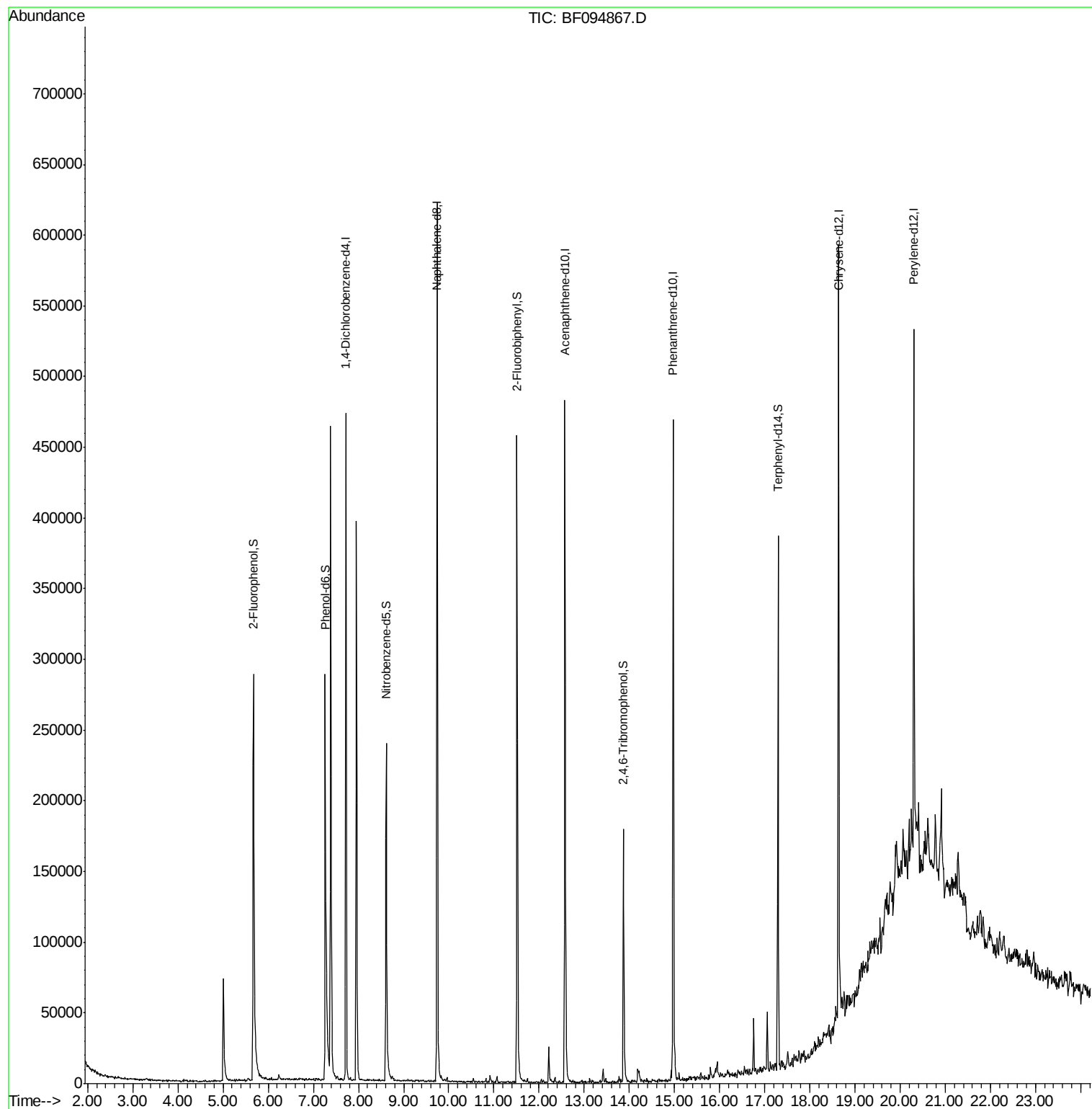
Target Compounds	Qvalue
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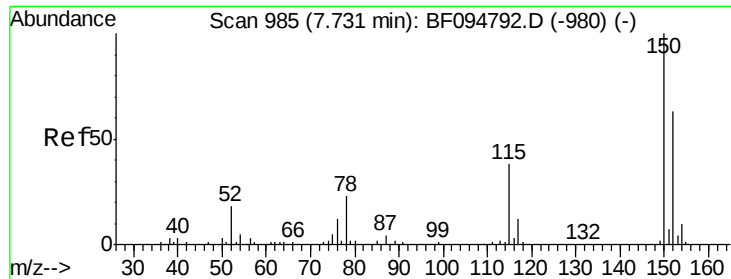
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF094867.D

Acq: 4 May 2017 9:55

Instrument :

BNA_F

ClientSampleId :

E2-X10-BASE-03

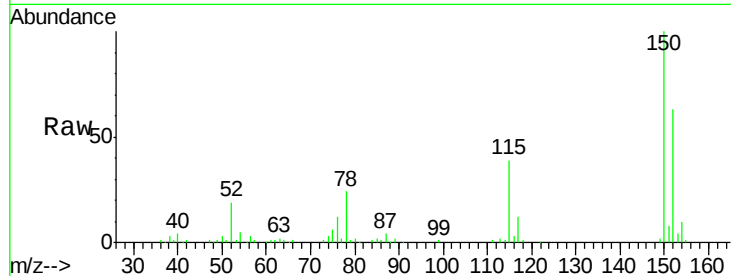
Tgt Ion:152 Resp: 99598

Ion Ratio Lower Upper

152 100

150 157.7 126.2 189.2

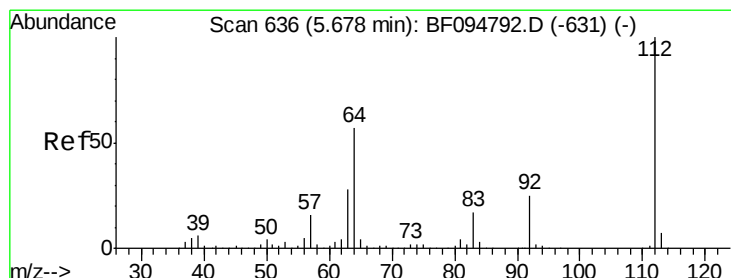
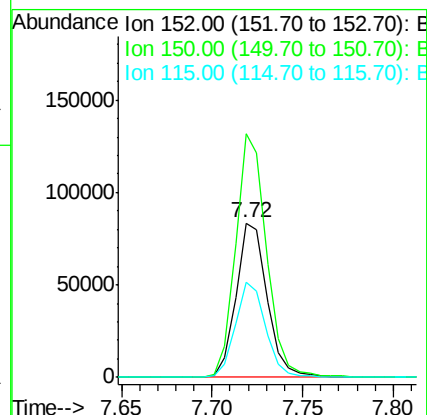
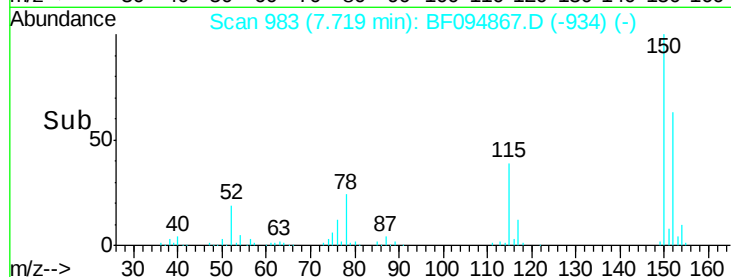
115 61.9 52.2 78.2



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: 28.77 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF094867.D

Acq: 4 May 2017 9:55

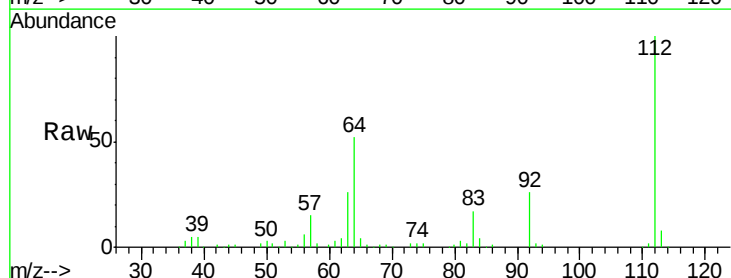
Tgt Ion:112 Resp: 171881

Ion Ratio Lower Upper

112 100

64 52.0 46.0 69.0

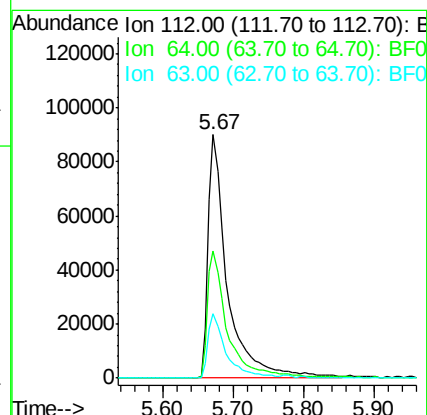
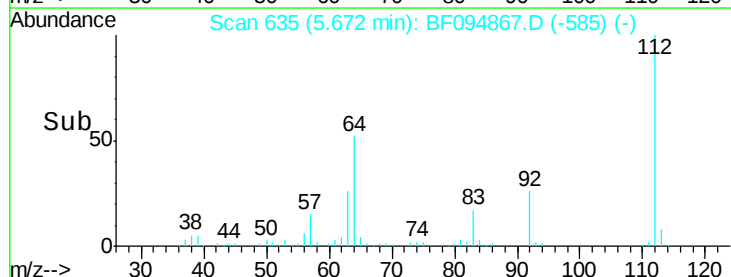
63 26.3 23.4 35.0

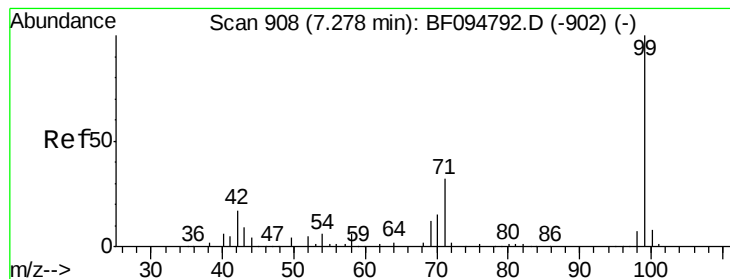


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.48 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094867.D

Acq: 4 May 2017 9:55

Instrument :

BNA_F

ClientSampleId :

E2-X10-BASE-03

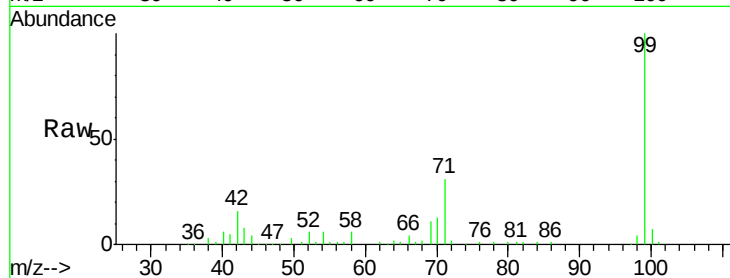
Tgt Ion: 99 Resp: 218490

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

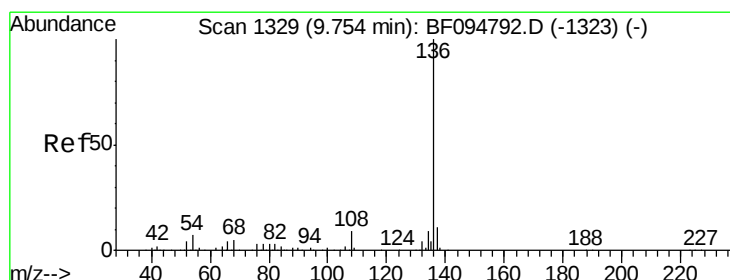
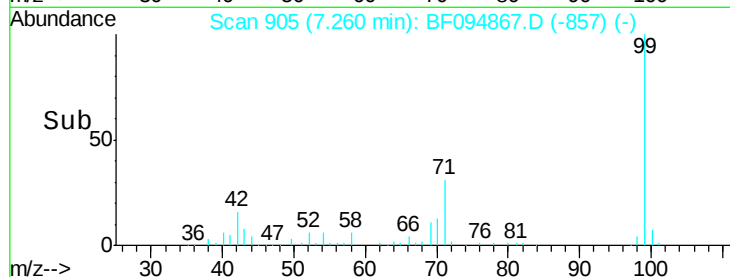
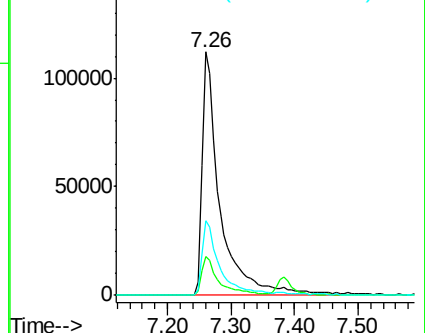
71 30.6 24.5 36.7



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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094867.D

Acq: 4 May 2017 9:55

Tgt Ion: 136 Resp: 391653

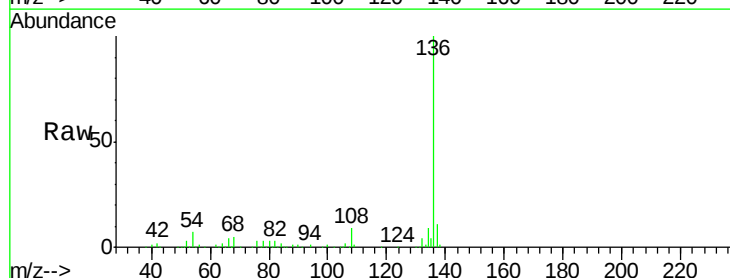
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

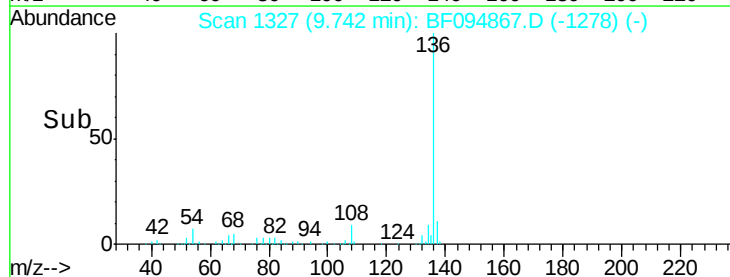
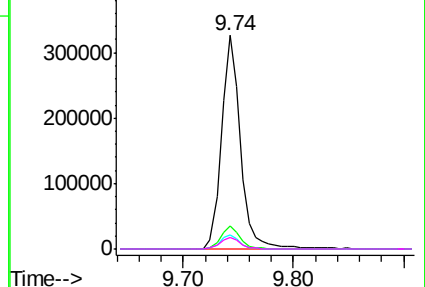


Abundance Ion 136.00 (135.70 to 136.70): E

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

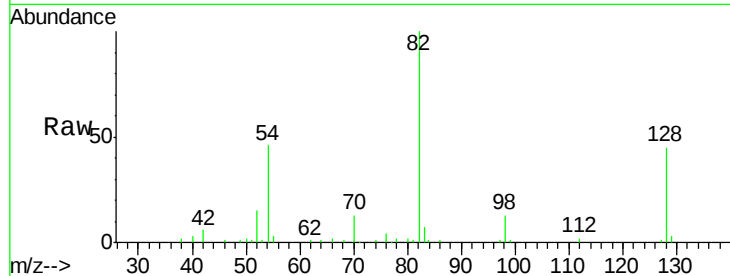




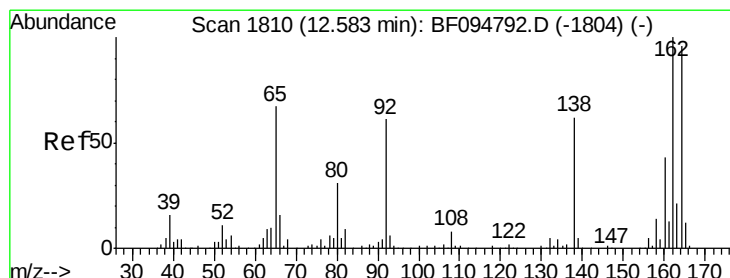
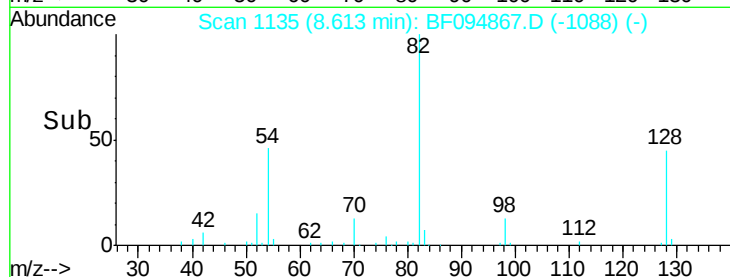
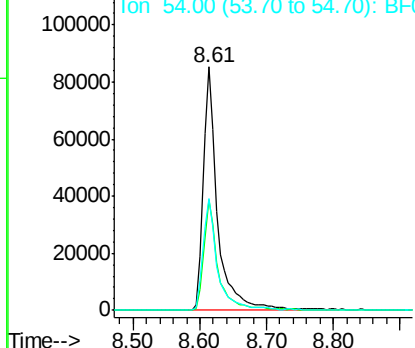
#23
 Nitrobenzene-d5
 Concen: 20.31 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF094867.D
 Acq: 4 May 2017 9:55

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-BASE-03

Tgt Ion: 82 Resp: 126146
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.0 51.0
 54 46.0 42.2 63.2

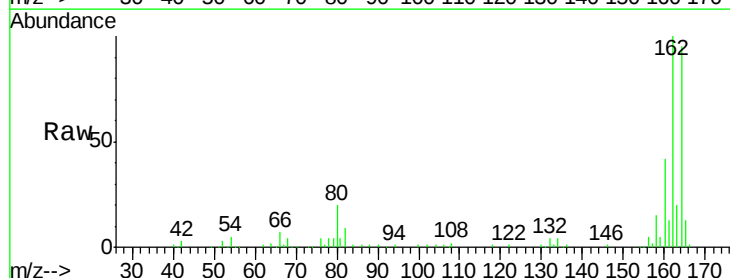


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

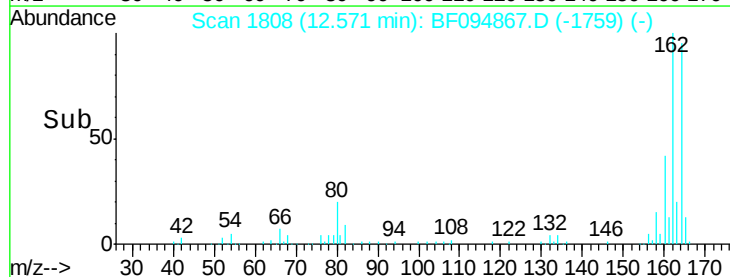
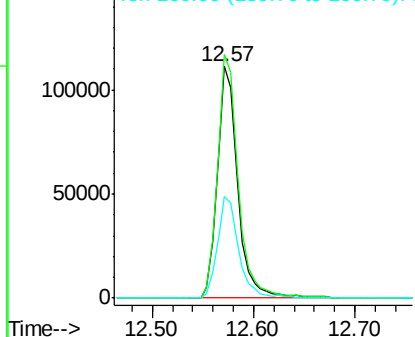


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094867.D
 Acq: 4 May 2017 9:55

Tgt Ion: 164 Resp: 155649
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 43.8 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

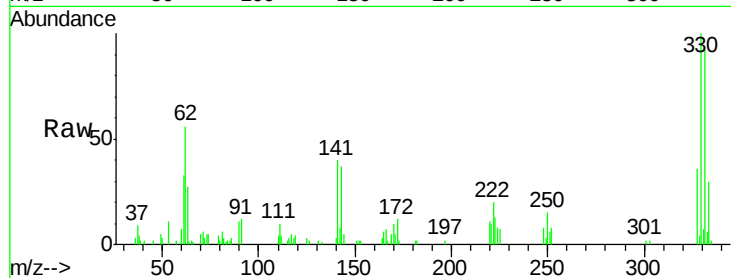




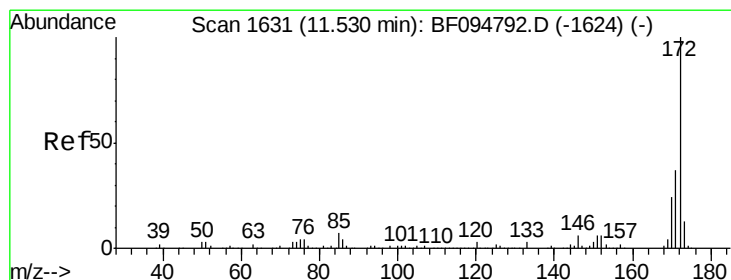
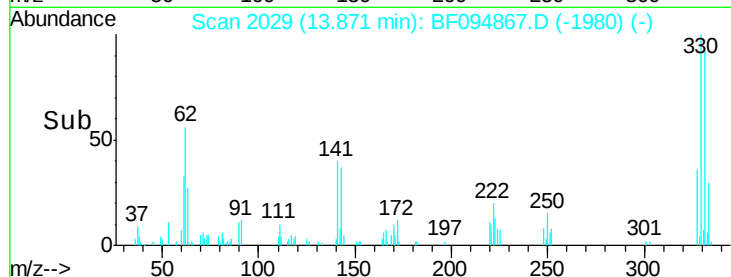
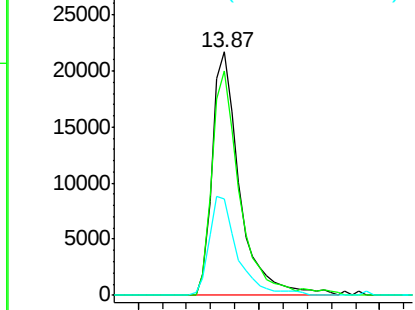
#41
 2,4,6-Tribromophenol
 Concen: 26.64 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094867.D
 Acq: 4 May 2017 9:55

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-BASE-03

Tgt Ion: 330 Resp: 33962
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 115.0
 141 40.9 31.4 47.2

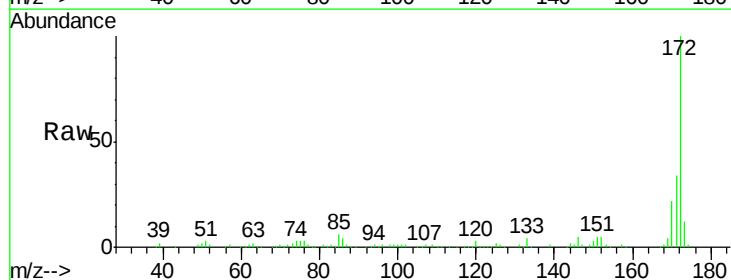


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

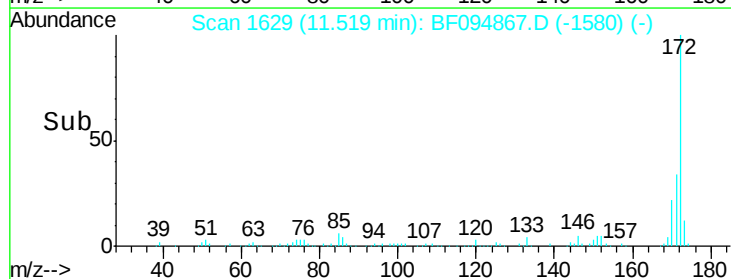
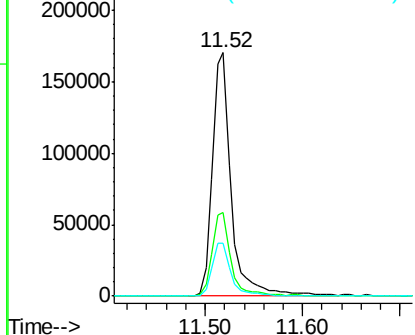


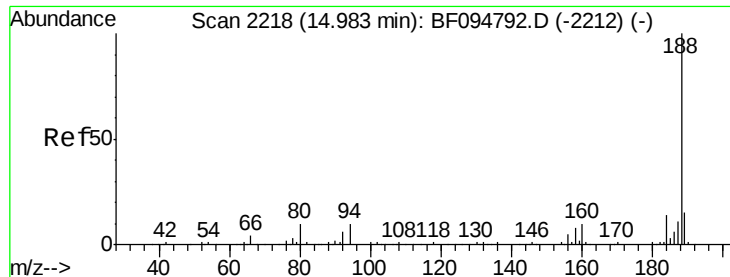
#44
 2-Fluorobiphenyl
 Concen: 20.96 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094867.D
 Acq: 4 May 2017 9:55

Tgt Ion: 172 Resp: 226613
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 21.6 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

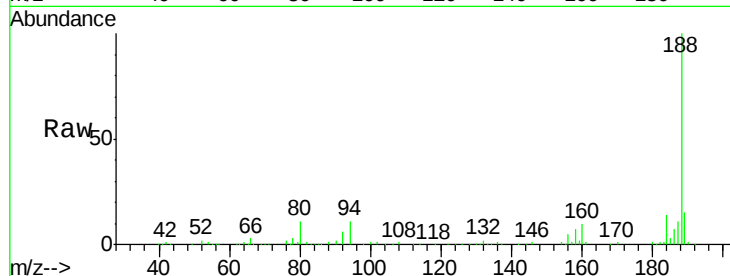




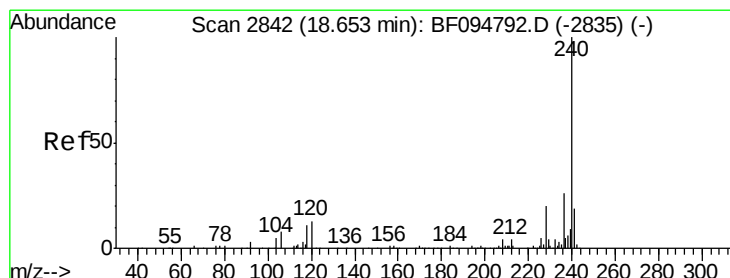
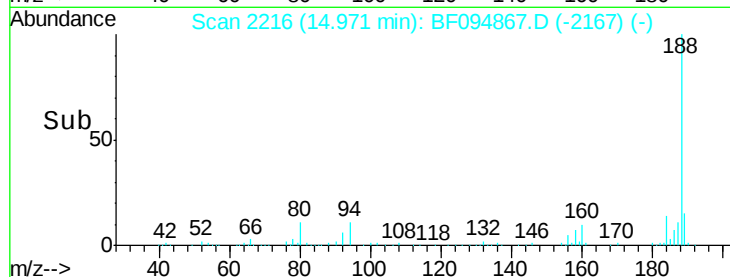
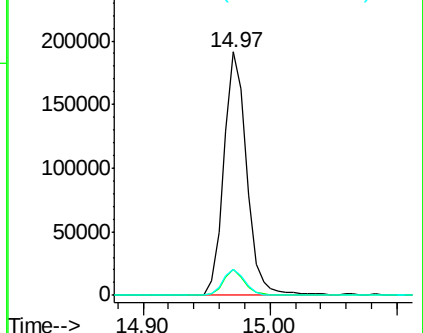
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094867.D
Acq: 4 May 2017 9:55

Instrument :
BNA_F
ClientSampleId :
E2-X10-BASE-03

Tgt Ion:188 Resp: 239268
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.6 10.2 15.2

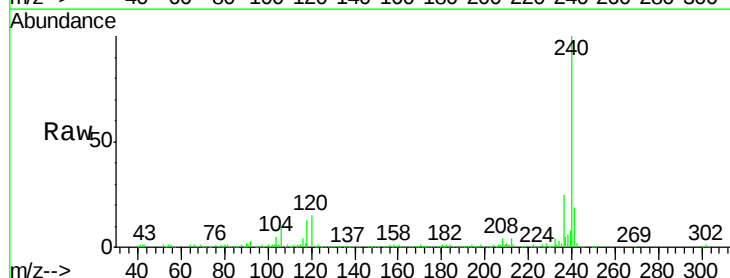


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

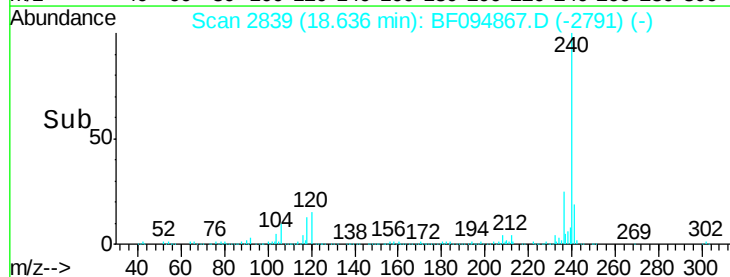
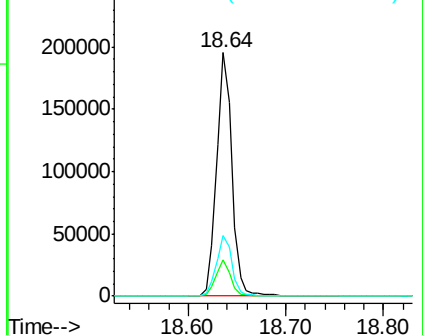


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094867.D
Acq: 4 May 2017 9:55

Tgt Ion:240 Resp: 214859
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 24.7 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

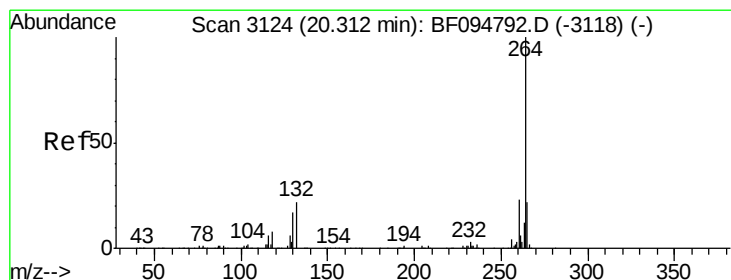
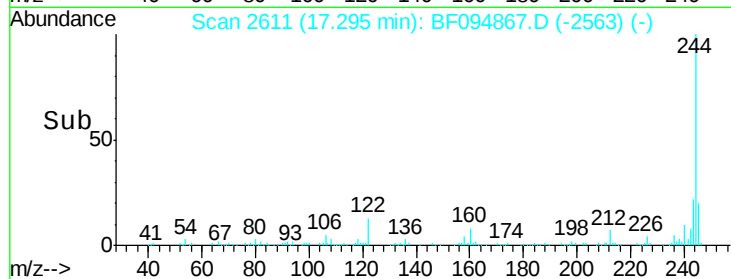
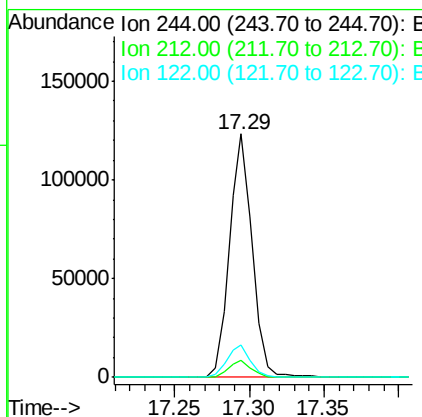
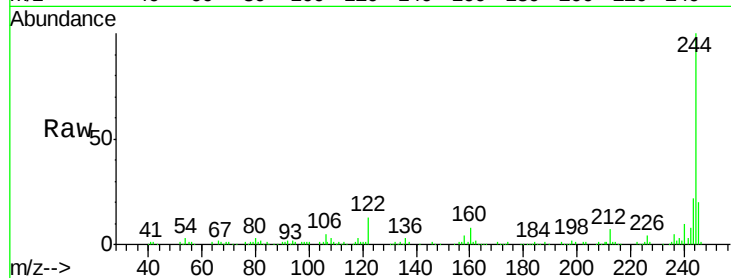




#78
 Terphenyl-d14
 Concen: 13.54 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094867.D
 Acq: 4 May 2017 9:55

Instrument :
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 E2-X10-BASE-03

Tgt Ion:244 Resp: 132067
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094867.D
 Acq: 4 May 2017 9:55

Tgt Ion:264 Resp: 153142
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.8 17.2 25.8

