

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094114.D
 Acq On : 1 Apr 2017 1:49
 Operator : SJ/MA
 Sample : I2463-09 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-8-9-SSW

Quant Time: Apr 01 04:10:22 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

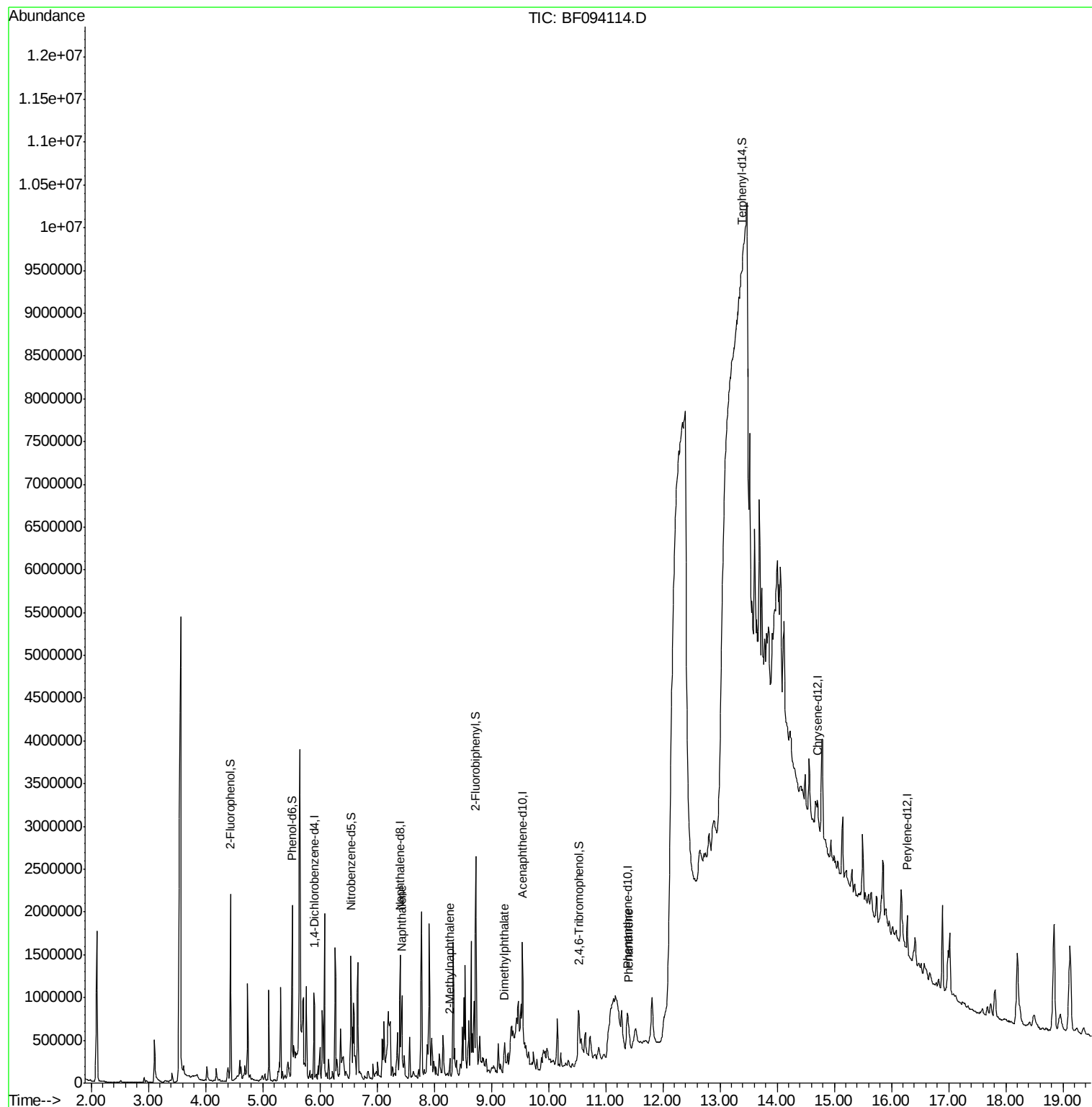
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	165159	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	607982	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	234718	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	376627	20.00	ng	0.00
75) Chrysene-d12	14.71	240	295602	20.00	ng	0.08
86) Perylene-d12	16.27	264	231771	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	644301	65.89	ng	0.00
7) Phenol-d6	5.52	99	771174	63.75	ng	0.00
23) Nitrobenzene-d5	6.55	82	442485	41.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	124772	67.27	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	829491	53.90	ng	0.00
78) Terphenyl-d14	13.37	244	74777	5.67	ng	0.02
Target Compounds						Qvalue
31) Naphthalene	7.43	128	319377	10.92	ng	100
37) 2-Methylnaphthalene	8.27	142	54166	2.78	ng	96
49) Dimethylphthalate	9.22	163	39826	2.39	ng	98
70) Phenanthrene	11.41	178	186168	8.89	ng	97

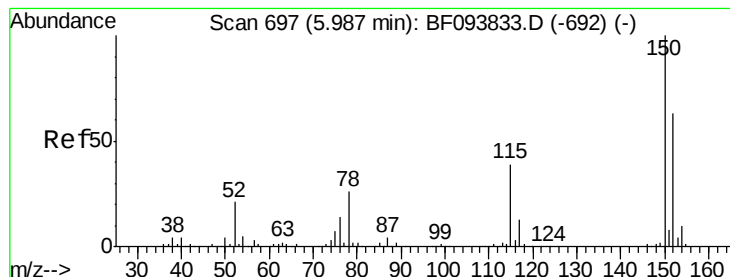
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.90 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

Instrument :

BNA_F

ClientSampleId :

E2-BB-8-9-SSW

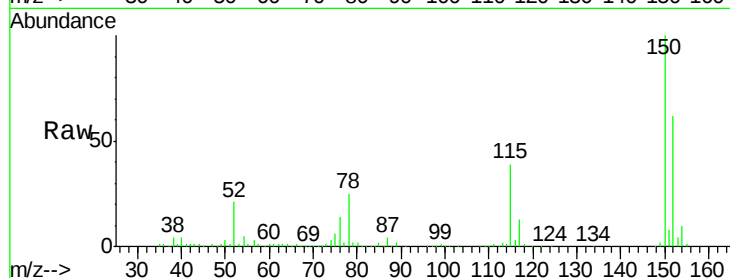
Tot Ion:152 Resp: 165159

Ion Ratio Lower Upper

152 100

150 160.3 126.2 189.2

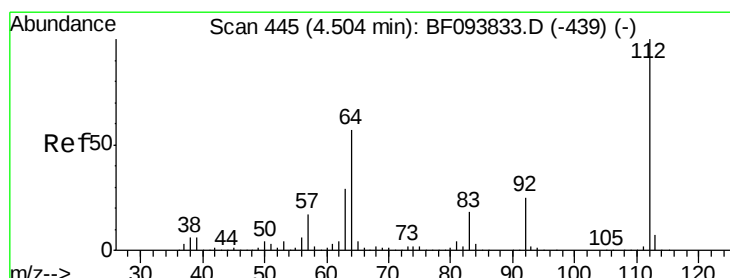
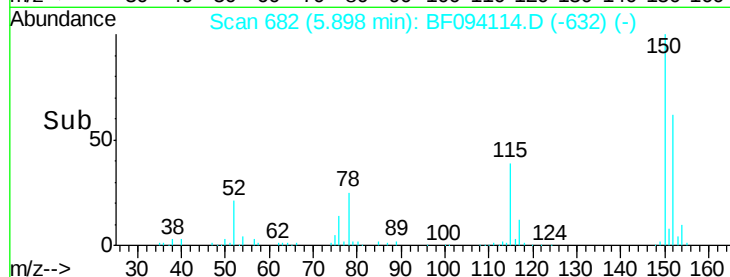
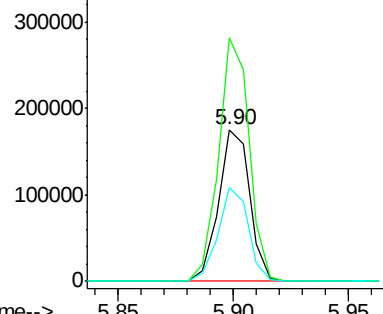
115 62.0 52.2 78.2



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: 65.89 ng

RT: 4.44 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

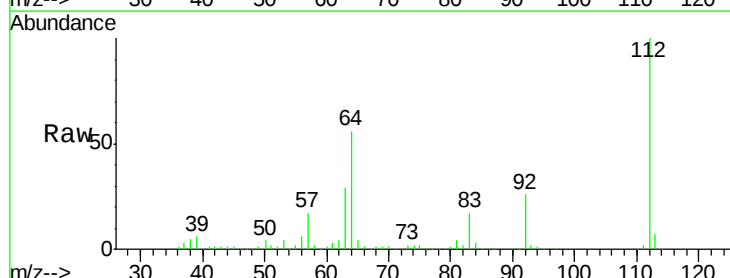
Tgt Ion:112 Resp: 644301

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

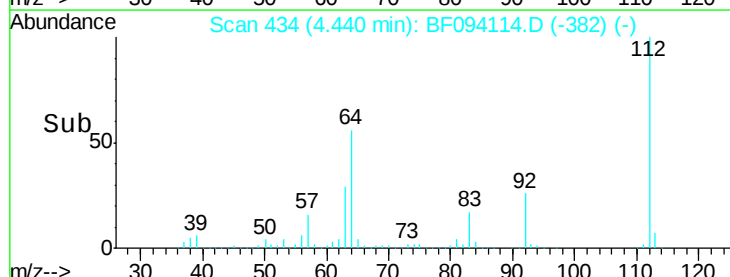
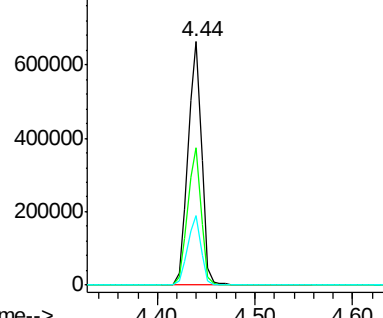
63 28.7 23.4 35.0

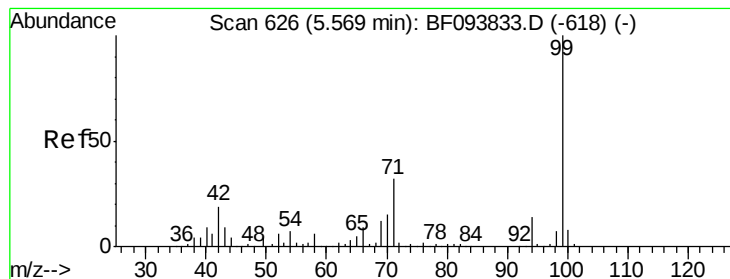


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 63.75 ng

RT: 5.52 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

Instrument :

BNA_F

ClientSampleId :

E2-BB-8-9-SSW

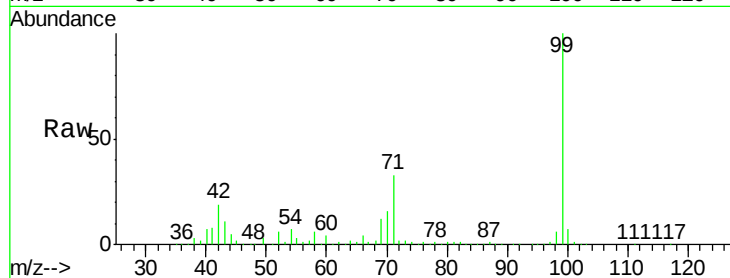
Tot Ion: 99 Resp: 771174

Ion Ratio Lower Upper

99 100

42 18.6 13.5 20.3

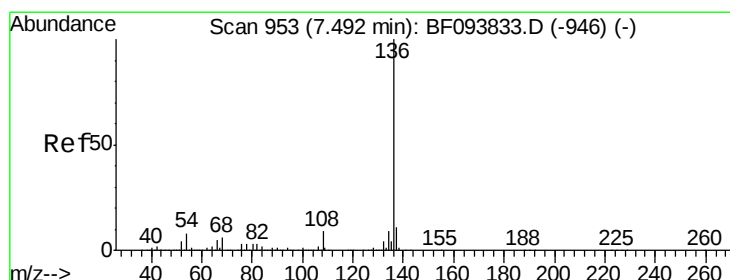
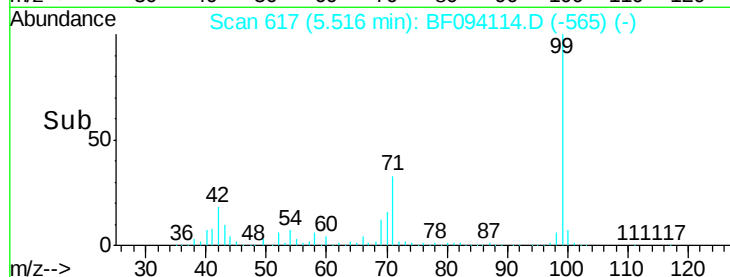
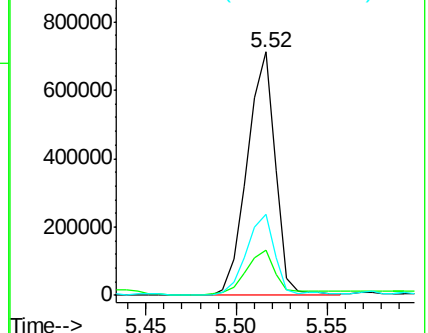
71 33.2 24.5 36.7



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: 7.40 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

Tgt Ion: 136 Resp: 607982

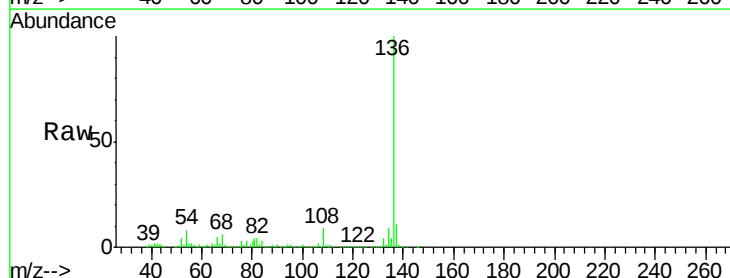
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 8.2 4.9 7.3#

68 6.0 4.1 6.1

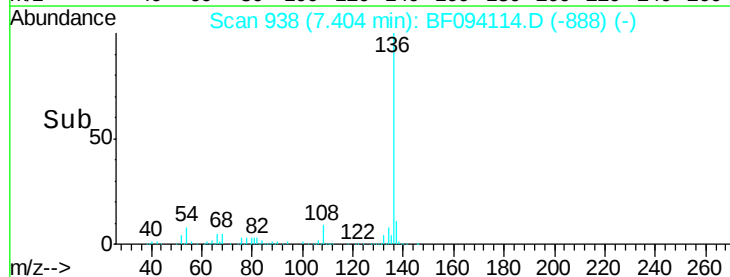
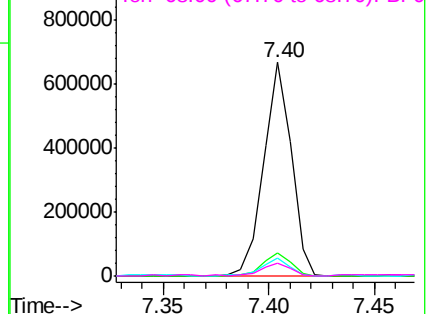


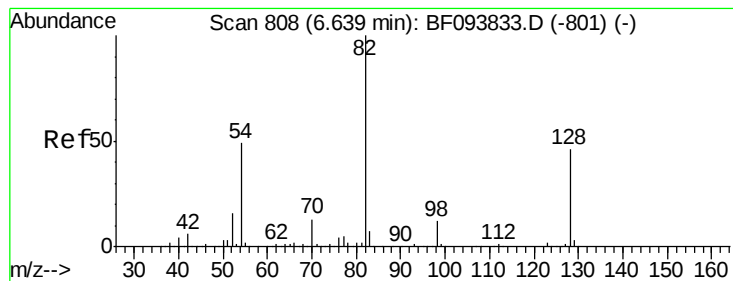
Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.53 ng

RT: 6.55 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

Instrument :

BNA_F

ClientSampleId :

E2-BB-8-9-SSW

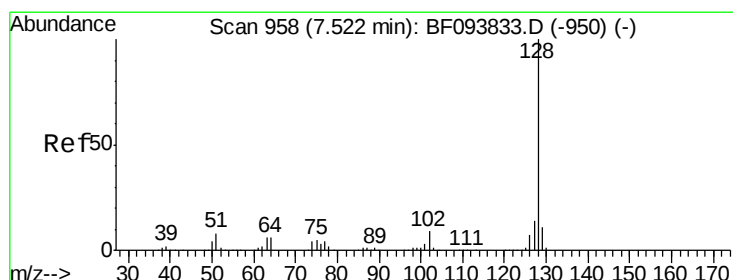
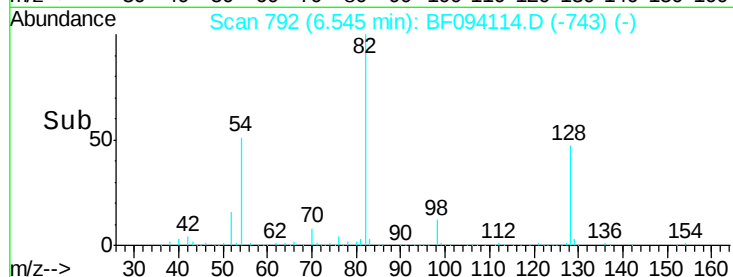
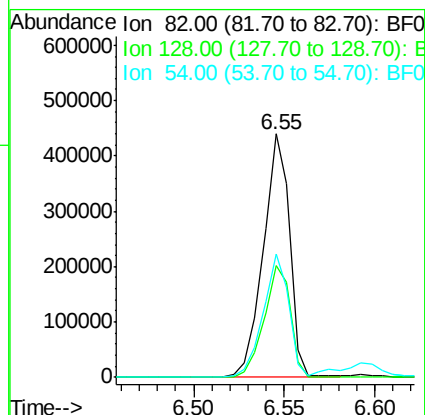
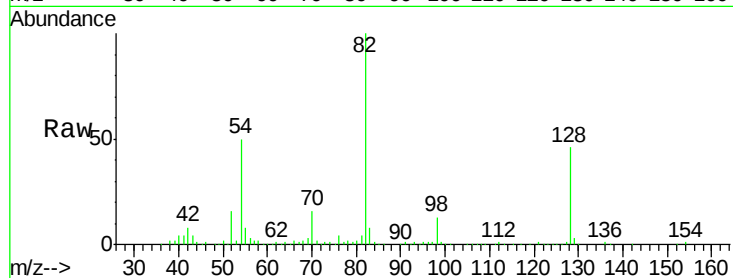
Tot Ion: 82 Resp: 442485

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

54 50.4 42.2 63.2



#31

Naphthalene

Concen: 10.92 ng

RT: 7.43 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

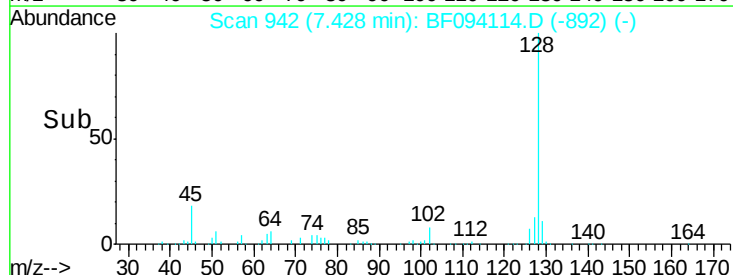
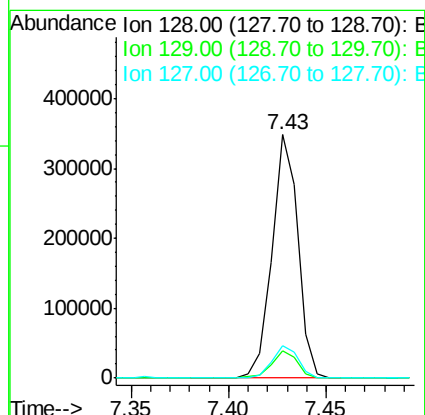
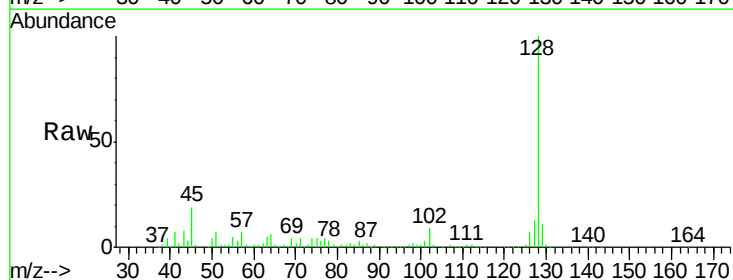
Tgt Ion:128 Resp: 319377

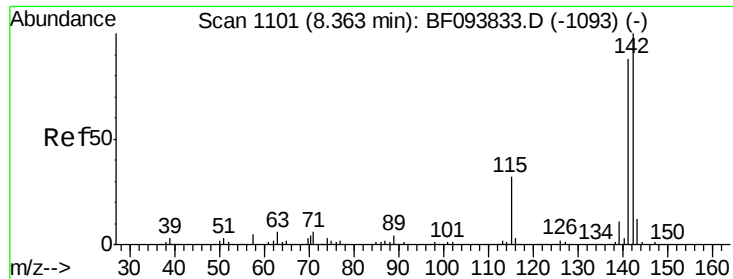
Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.3 10.8 16.2

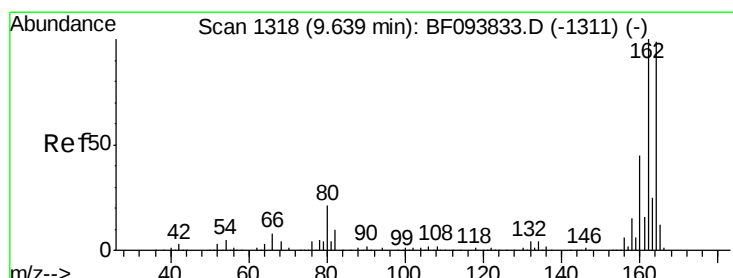
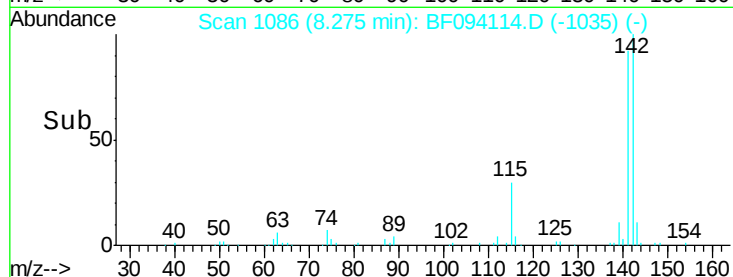
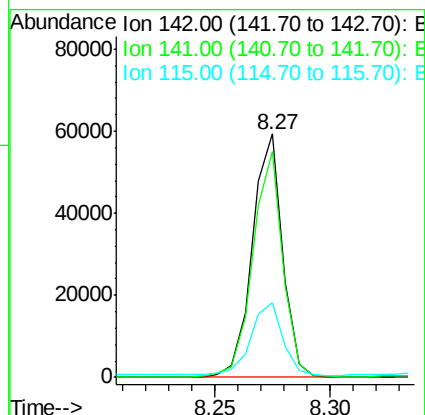
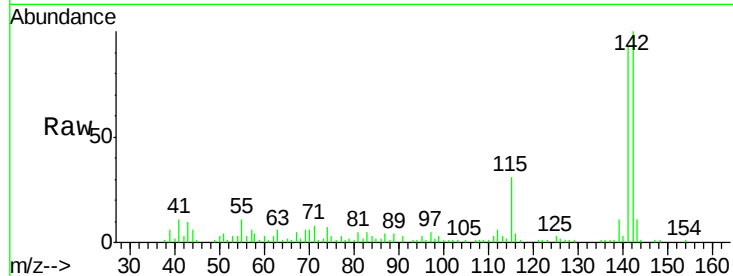




#37
 2-Methylnaphthalene
 Concen: 2.78 ng
 RT: 8.27 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094114.D
 Acq: 1 Apr 2017 1:49

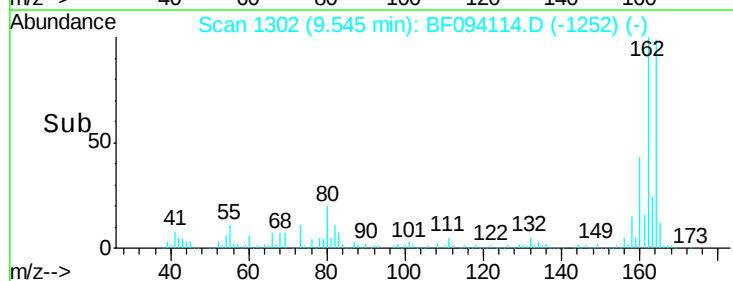
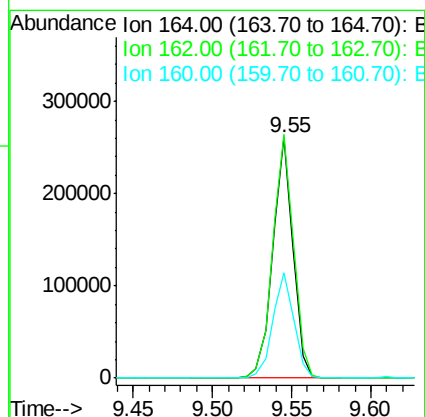
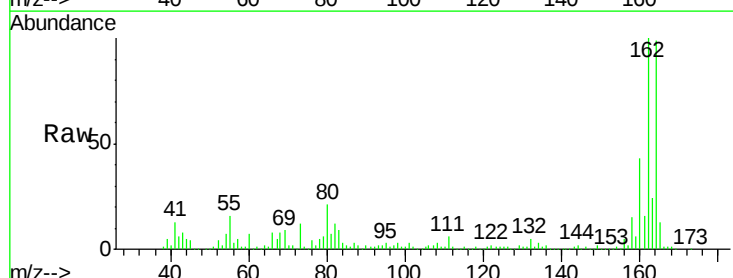
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-8-9-SSW

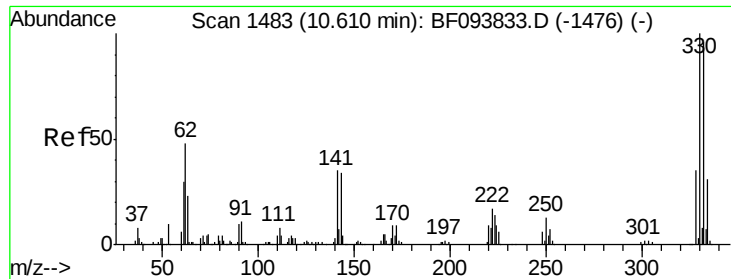
Tot Ion:142 Resp: 54166
 Ion Ratio Lower Upper
 142 100
 141 92.5 71.3 106.9
 115 30.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF094114.D
 Acq: 1 Apr 2017 1:49

Tgt Ion:164 Resp: 234718
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 43.9 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 67.27 ng

RT: 10.53 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

Instrument :

BNA_F

ClientSampleId :

E2-BB-8-9-SSW

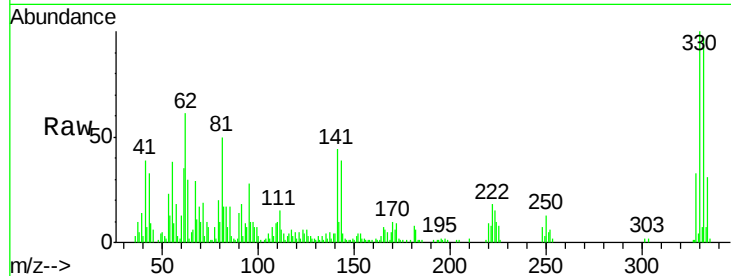
Tot Ion:330 Resp: 124772

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

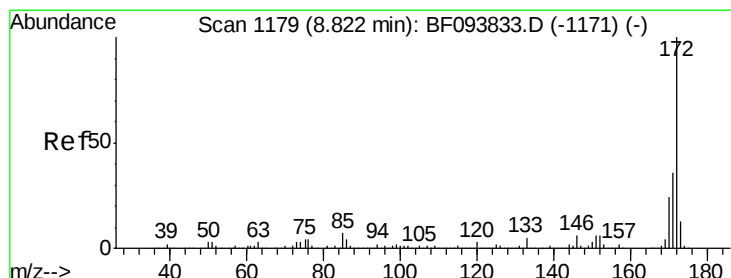
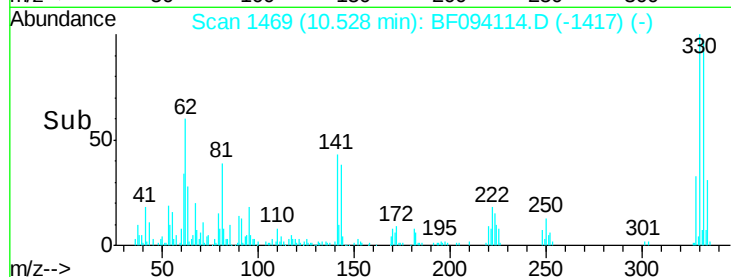
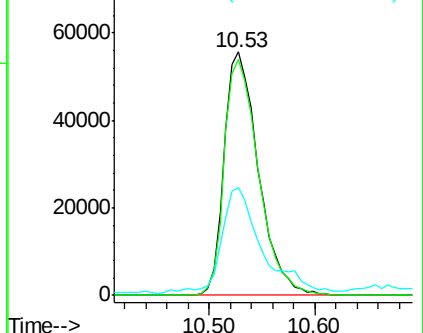
141 51.4 31.4 47.2#



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: 53.90 ng

RT: 8.73 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

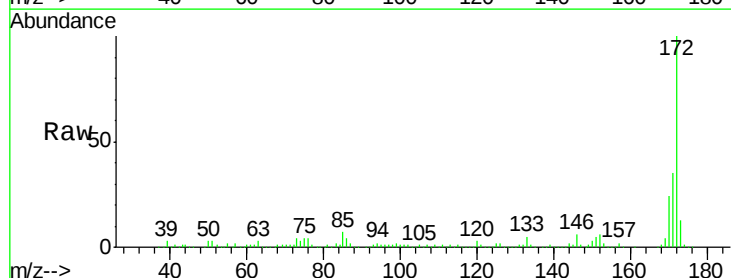
Tgt Ion:172 Resp: 829491

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

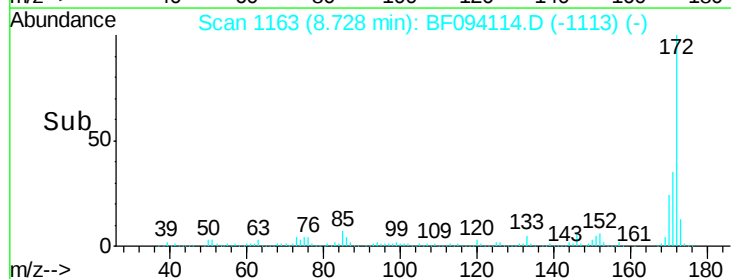
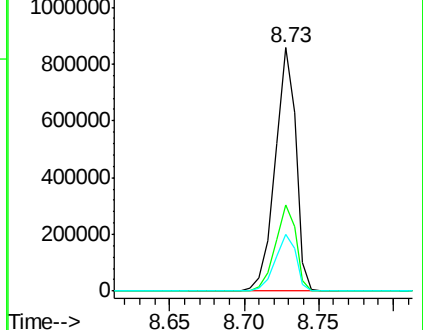
170 23.6 19.8 29.8

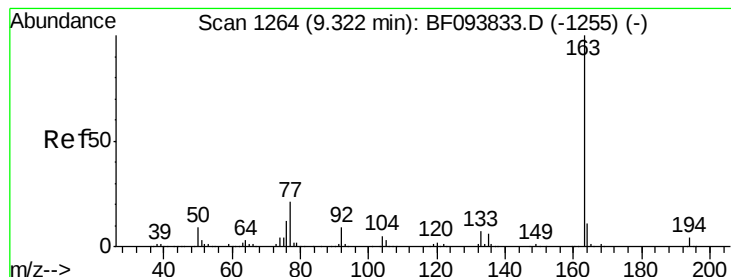


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.39 ng

RT: 9.22 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

Instrument :

BNA_F

ClientSampleId :

E2-BB-8-9-SSW

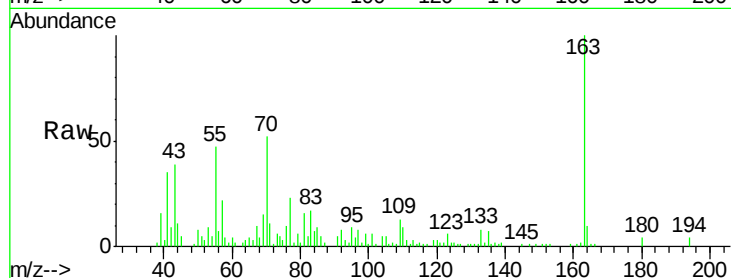
Tot Ion:163 Resp: 39826

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

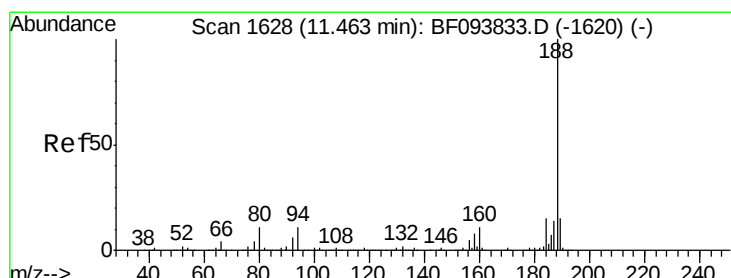
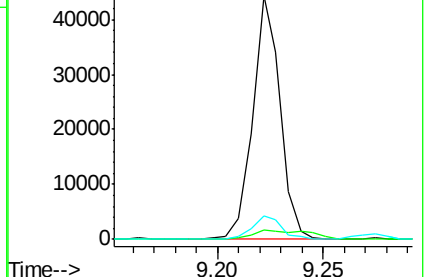
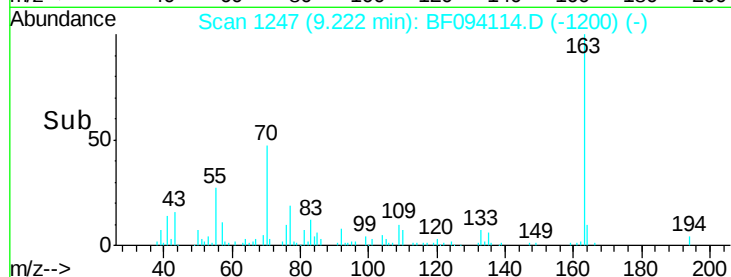
164 9.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.38 min Scan# 1614

Delta R.T. 0.01 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

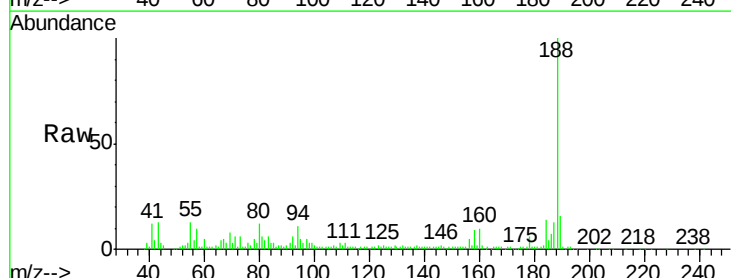
Tgt Ion:188 Resp: 376627

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

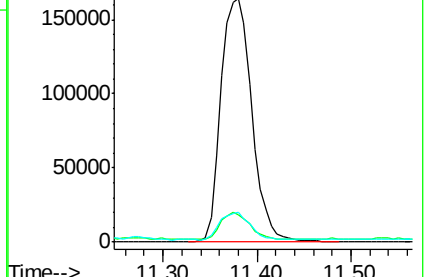
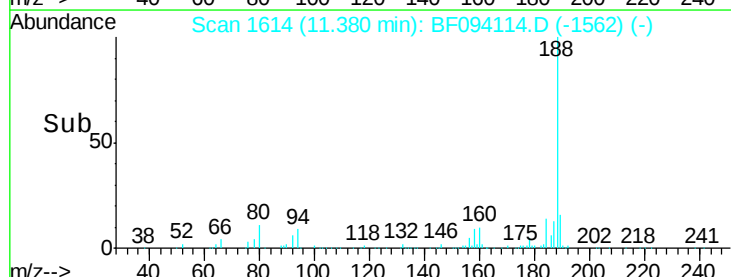
80 12.4 10.2 15.2

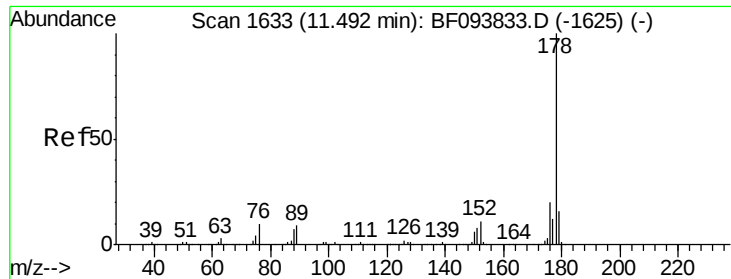


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 8.89 ng

RT: 11.41 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

Instrument :

BNA_F

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E2-BB-8-9-SSW

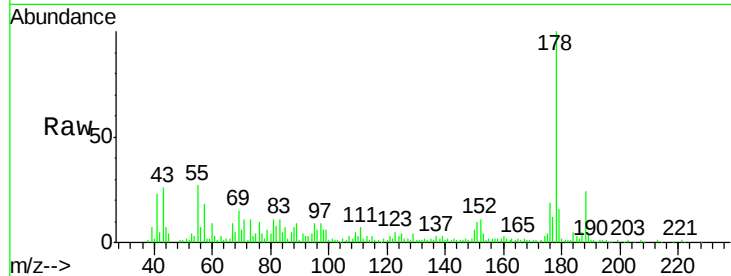
Tot Ion:178 Resp: 186168

Ion Ratio Lower Upper

178 100

176 18.6 16.2 24.4

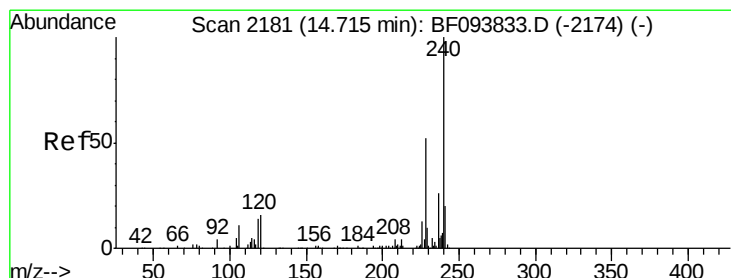
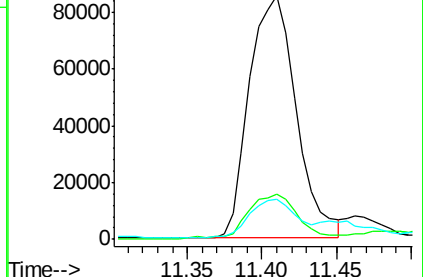
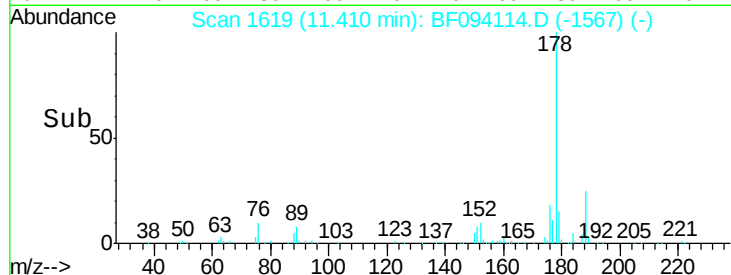
179 16.3 12.6 19.0



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.71 min Scan# 2180

Delta R.T. 0.08 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

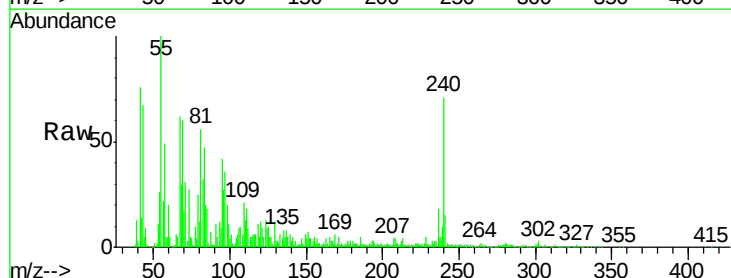
Tgt Ion:240 Resp: 295602

Ion Ratio Lower Upper

240 100

120 16.6 5.8 8.8#

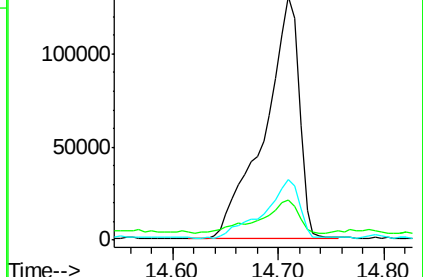
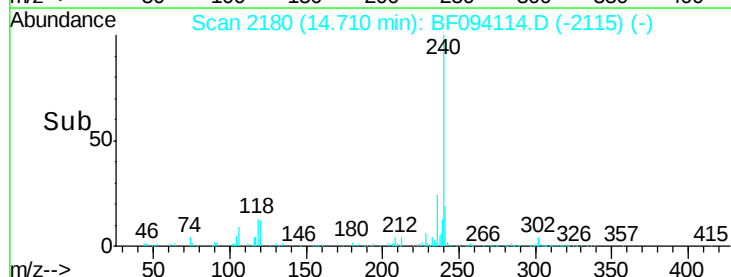
236 25.1 20.5 30.7

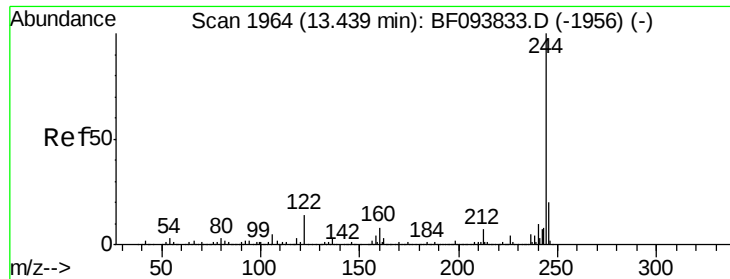


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 5.67 ng

RT: 13.37 min Scan# 1953

Delta R.T. 0.02 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

Instrument :

BNA_F

ClientSampleId :

E2-BB-8-9-SSW

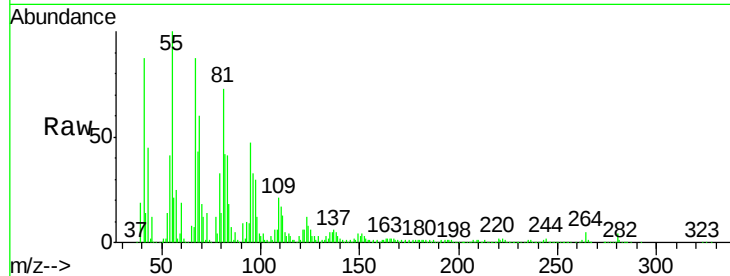
Tot Ion:244 Resp: 74777

Ion Ratio Lower Upper

244 100

212 9.4 6.0 9.0#

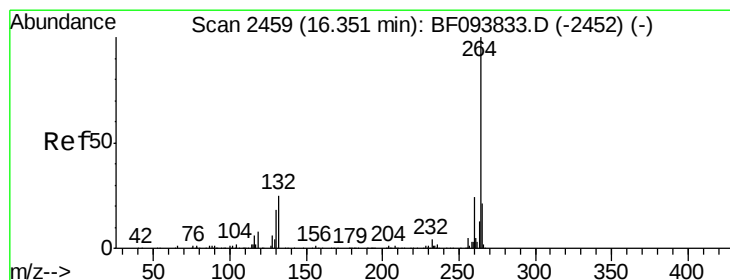
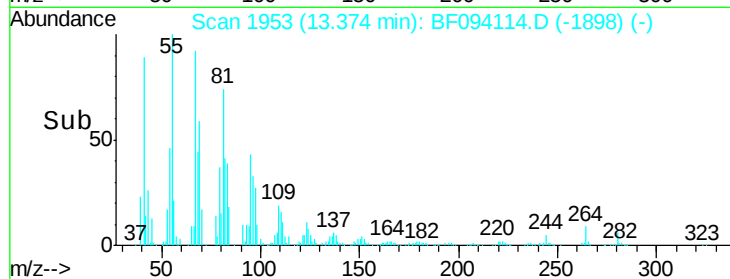
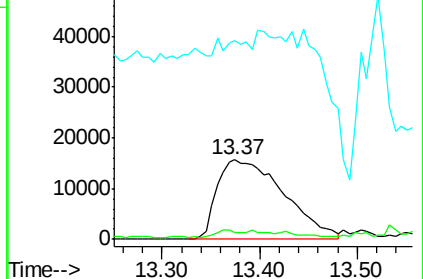
122 249.5 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.27 min Scan# 2446

Delta R.T. 0.02 min

Lab File: BF094114.D

Acq: 1 Apr 2017 1:49

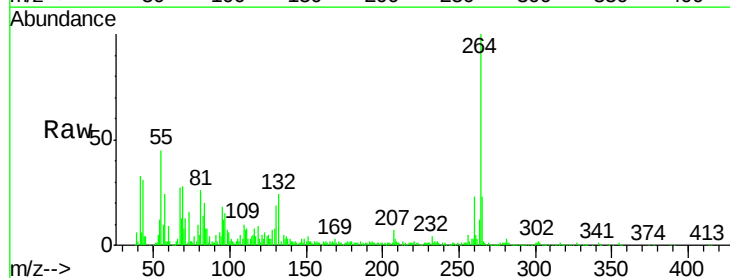
Tgt Ion:264 Resp: 231771

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

