

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095250.D
 Acq On : 19 May 2017 6:44
 Operator : SJ/MA
 Sample : I3186-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S4-BASE

Quant Time: May 19 07:17:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

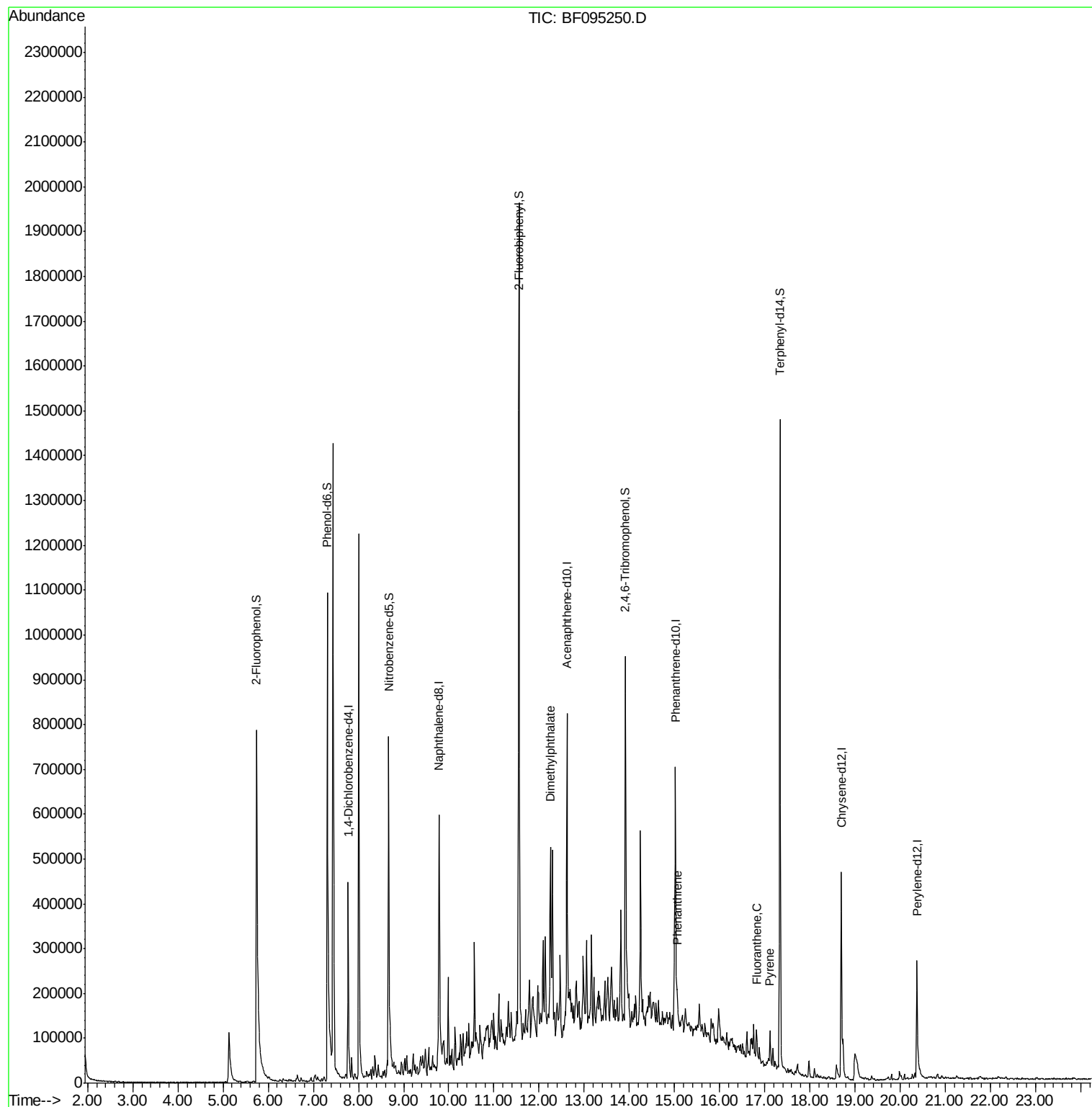
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	102250	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	423040	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	197800	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	339548	20.00	ng	0.00
75) Chrysene-d12	18.69	240	257839	20.00	ng	0.00
86) Perylene-d12	20.37	264	169916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	639675	104.30	ng	0.00
7) Phenol-d6	7.31	99	793930	107.89	ng	0.00
23) Nitrobenzene-d5	8.67	82	443303	66.08	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	157439	97.19	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	781151	56.84	ng	0.00
78) Terphenyl-d14	17.34	244	590362	50.43	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	221056	13.61	ng	99
70) Phenanthrene	15.07	178	45249	2.32	ng	98
74) Fluoranthene	16.82	202	46125	2.30	ng	99
77) Pyrene	17.12	202	42491	2.20	ng	# 95

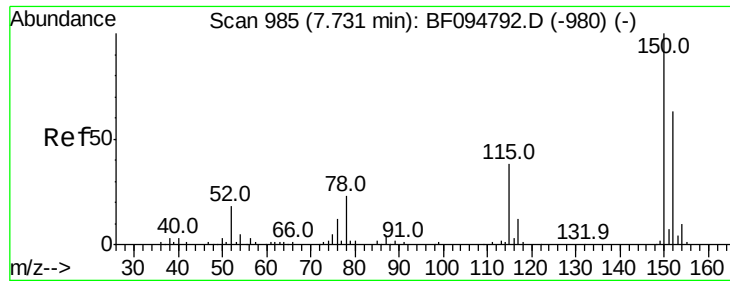
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF095250.D

Acq: 19 May 2017 6:44

Instrument :

BNA_F

ClientSampleId :

E2-S4-BASE

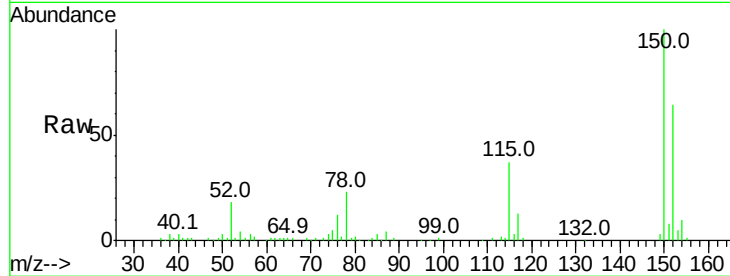
Tot Ion:152 Resp: 102250

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

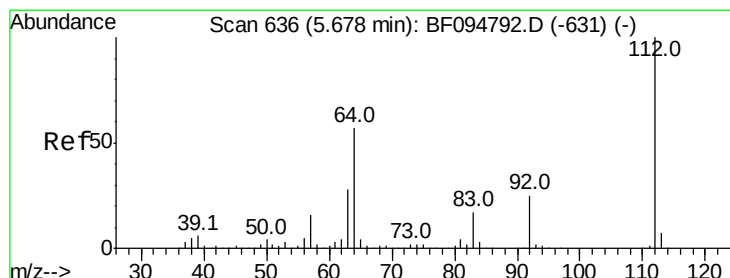
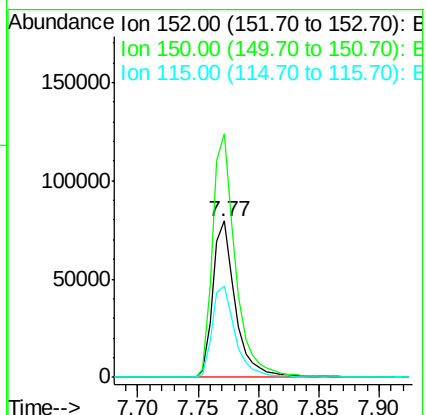
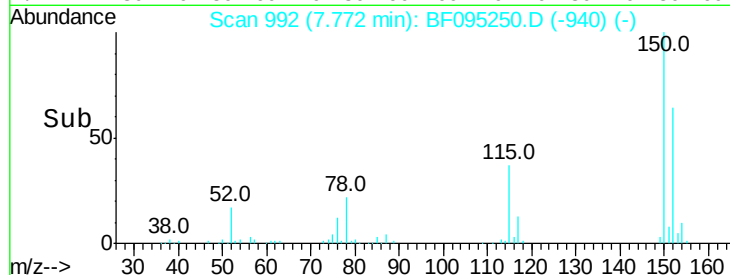
115 58.2 52.2 78.2



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: 104.30 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF095250.D

Acq: 19 May 2017 6:44

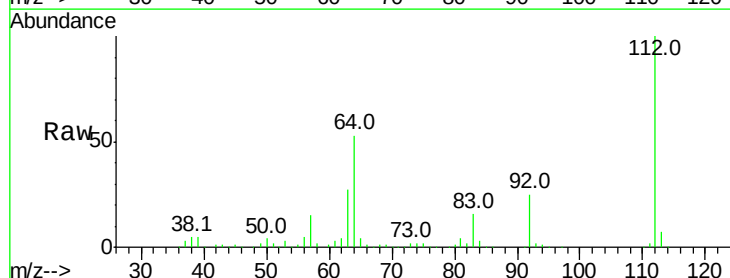
Tgt Ion:112 Resp: 639675

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

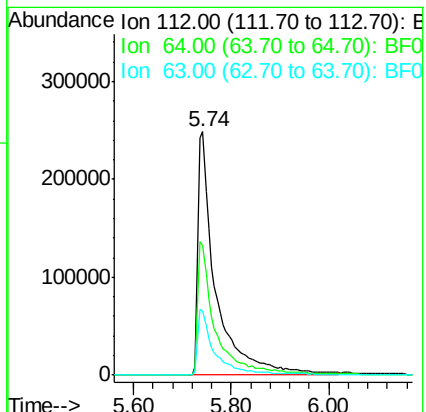
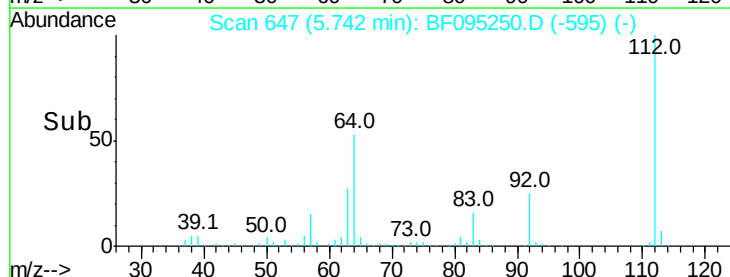
63 26.7 23.4 35.0

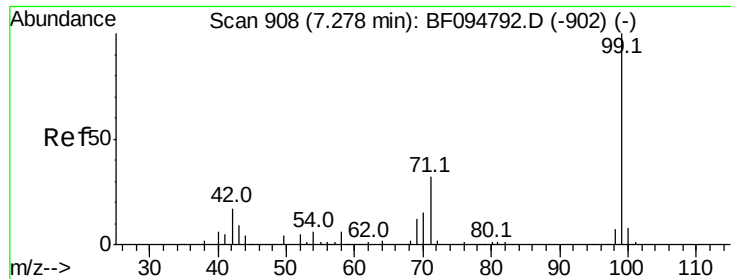


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.89 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095250.D

Acq: 19 May 2017 6:44

Instrument :

BNA_F

ClientSampleId :

E2-S4-BASE

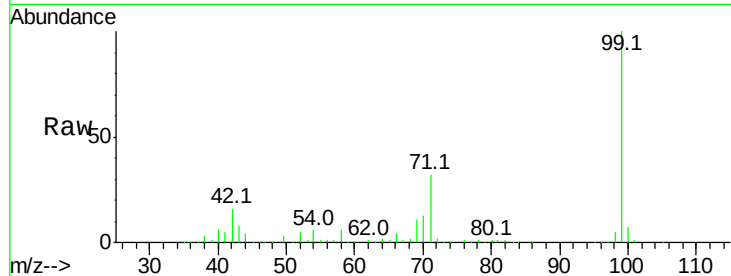
Tot Ion: 99 Resp: 793930

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

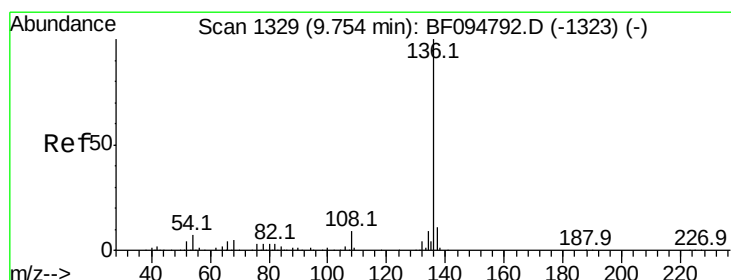
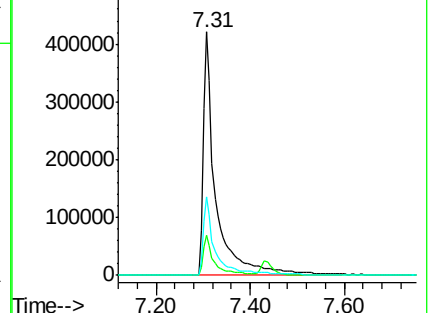
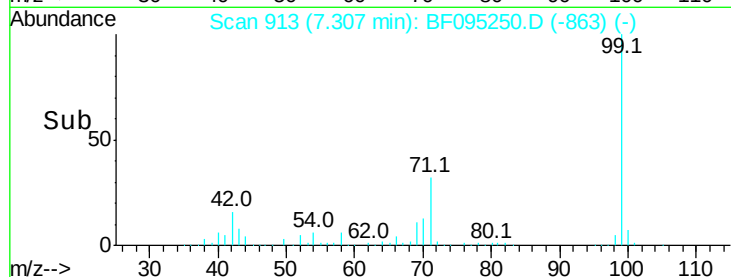
71 32.0 24.5 36.7



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: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095250.D

Acq: 19 May 2017 6:44

Tgt Ion: 136 Resp: 423040

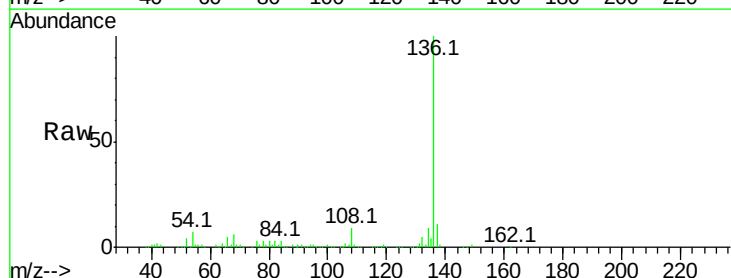
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 7.3 4.9 7.3

68 5.7 4.1 6.1

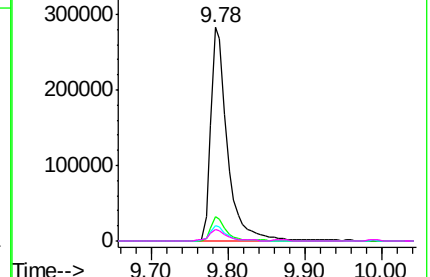
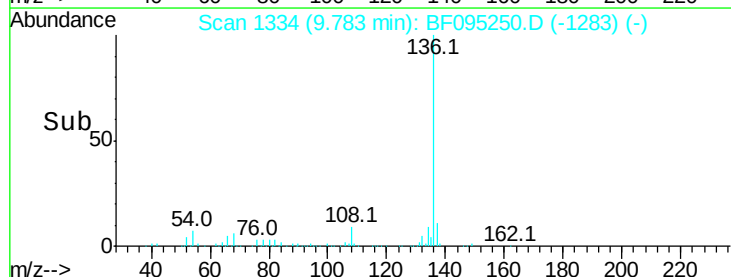


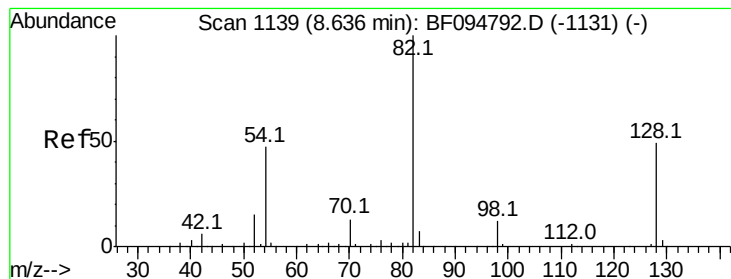
Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.08 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095250.D

Acq: 19 May 2017 6:44

Instrument :

BNA_F

ClientSampleId :

E2-S4-BASE

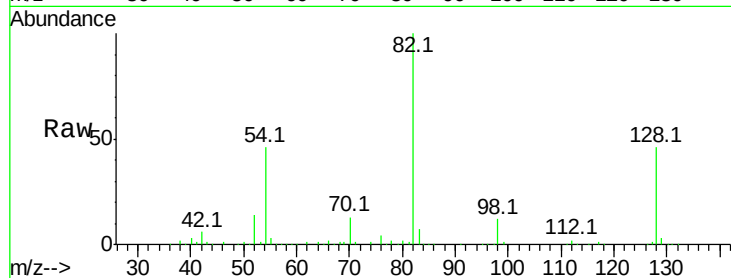
Tot Ion: 82 Resp: 443303

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

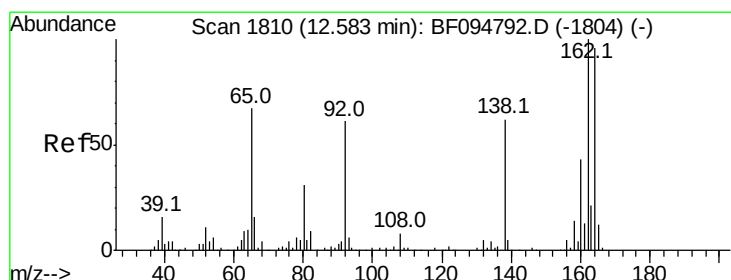
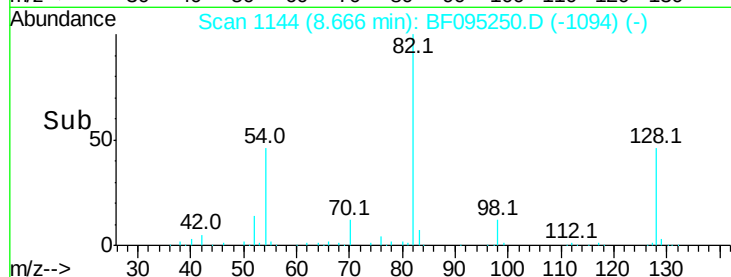
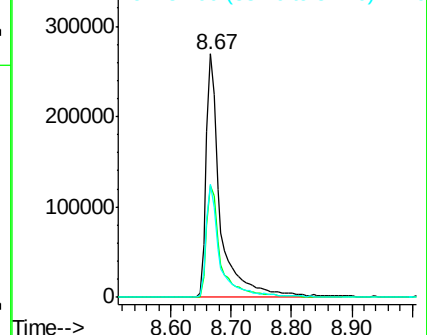
54 46.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095250.D

Acq: 19 May 2017 6:44

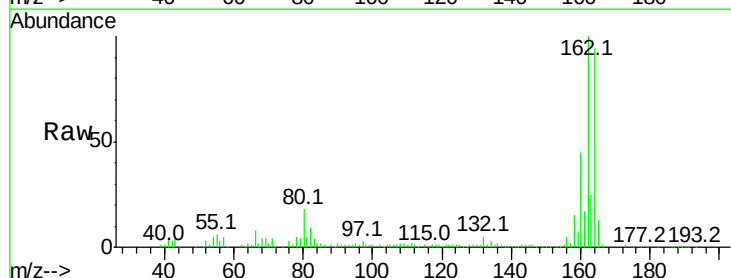
Tgt Ion:164 Resp: 197800

Ion Ratio Lower Upper

164 100

162 106.5 82.6 123.8

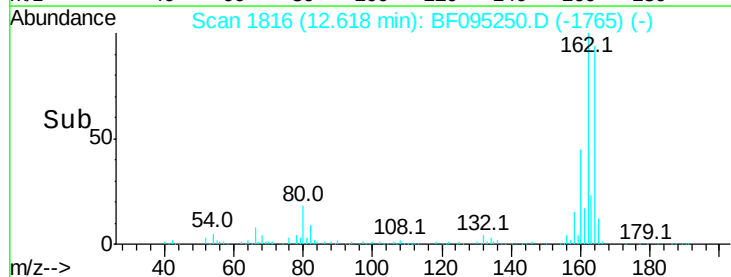
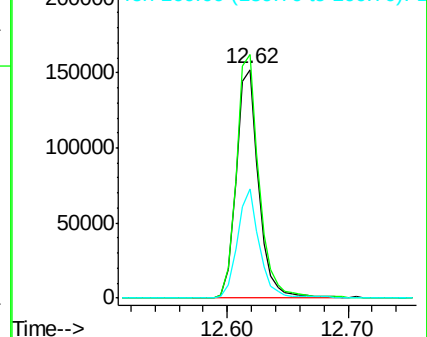
160 47.6 36.2 54.2

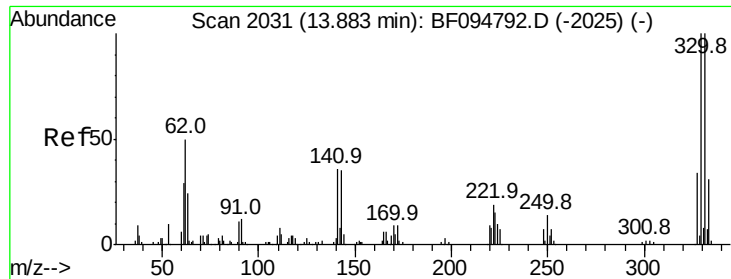


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

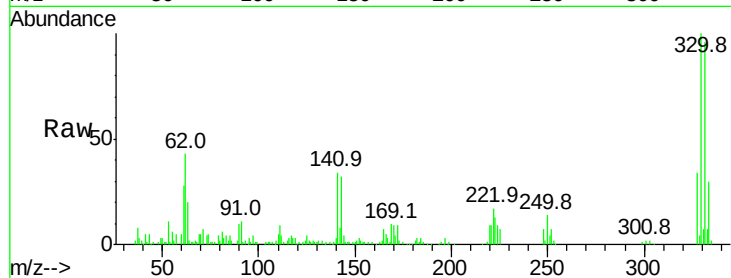




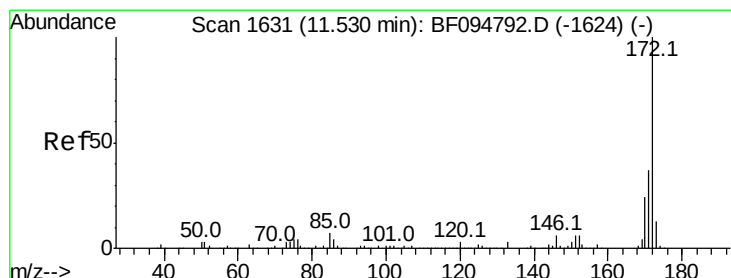
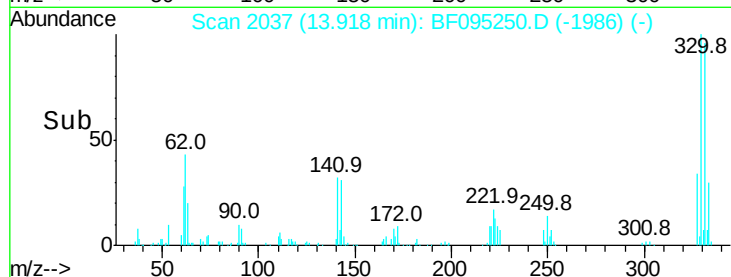
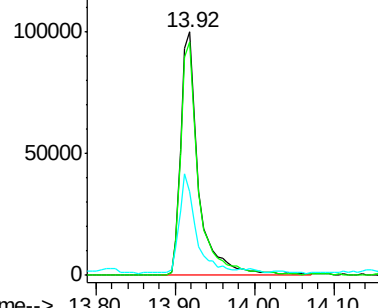
#41
 2,4,6-Tribromophenol
 Concen: 97.19 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095250.D
 Acq: 19 May 2017 6:44

Instrument :
 BNA_F
 ClientSampleId :
 E2-S4-BASE

Tot Ion:330 Resp: 157439
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.2 31.4 47.2

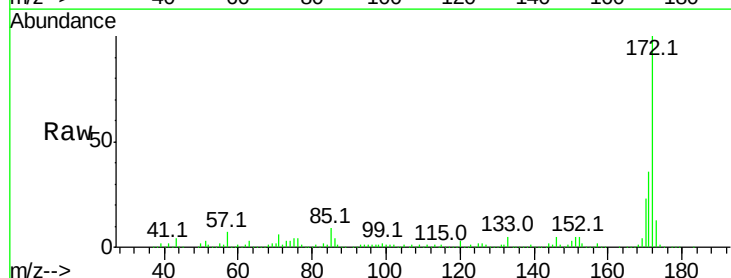


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

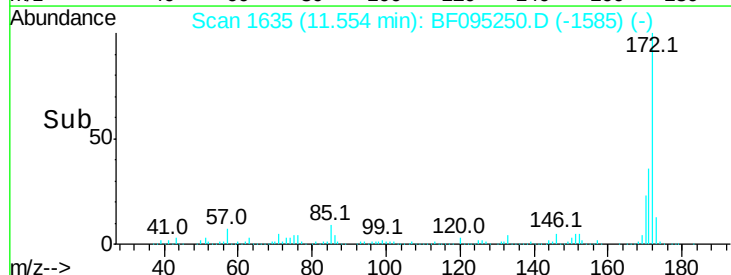
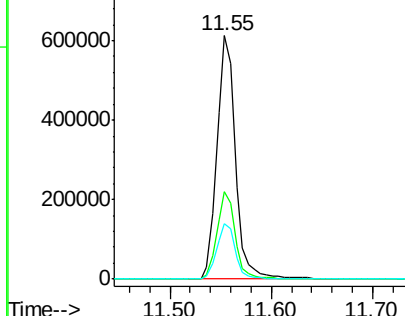


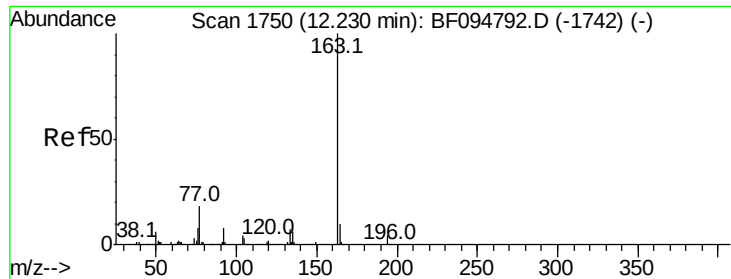
#44
 2-Fluorobiphenyl
 Concen: 56.84 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095250.D
 Acq: 19 May 2017 6:44

Tgt Ion:172 Resp: 781151
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 22.8 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: 13.61 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095250.D

Acq: 19 May 2017 6:44

Instrument :

BNA_F

ClientSampleId :

E2-S4-BASE

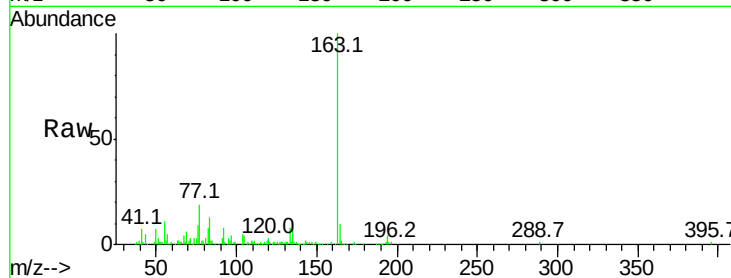
Tot Ion:163 Resp: 221056

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

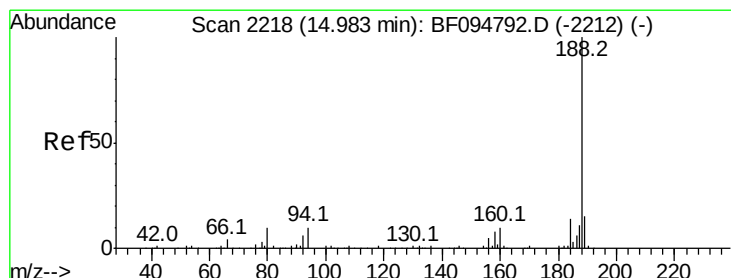
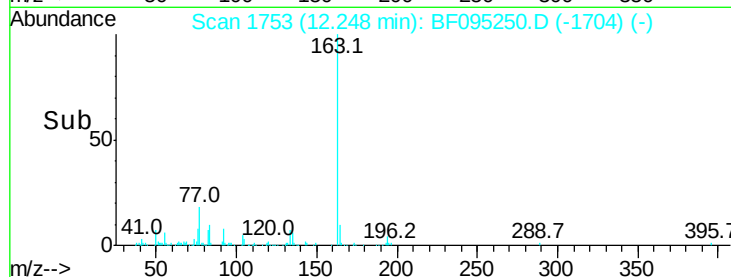
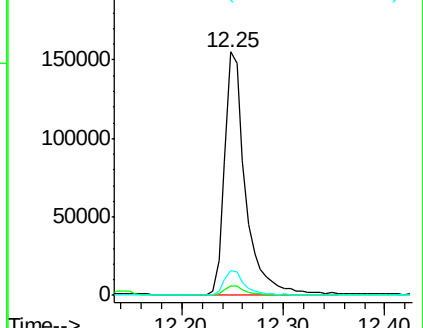
164 10.3 8.4 12.6



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: 15.02 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF095250.D

Acq: 19 May 2017 6:44

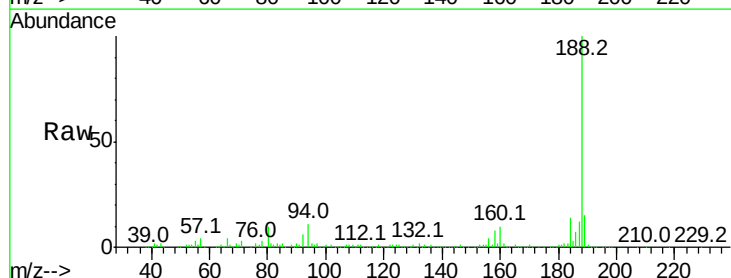
Tgt Ion:188 Resp: 339548

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

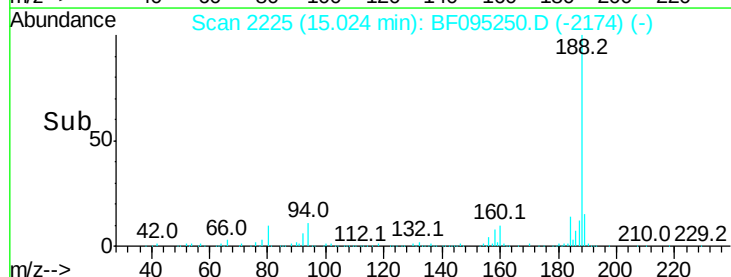
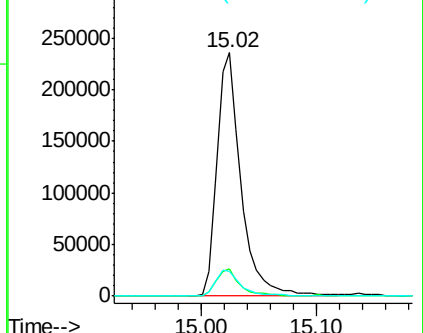
80 10.3 10.2 15.2

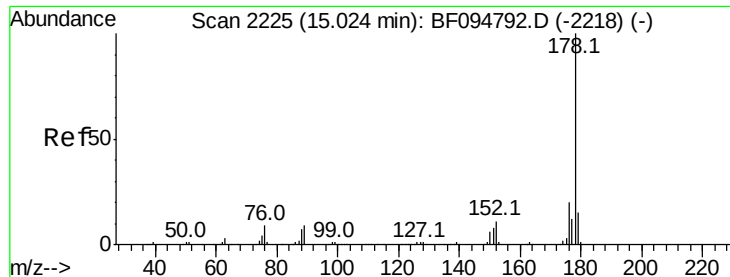


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.32 ng

RT: 15.07 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF095250.D

Acq: 19 May 2017 6:44

Instrument :

BNA_F

ClientSampleId :

E2-S4-BASE

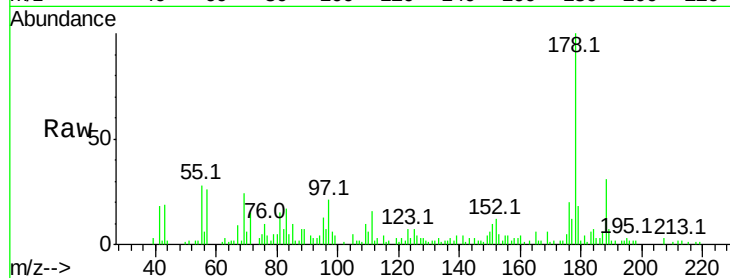
Tot Ion:178 Resp: 45249

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

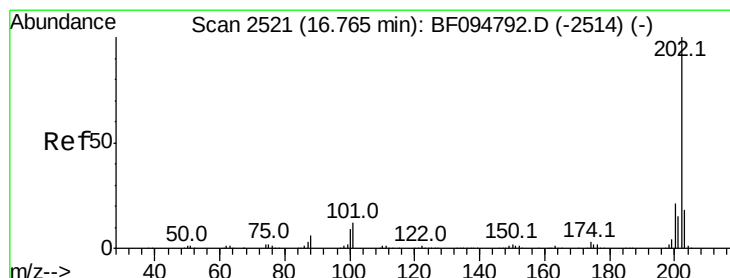
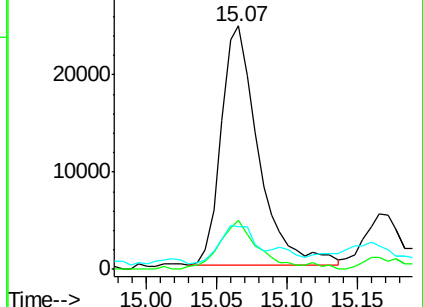
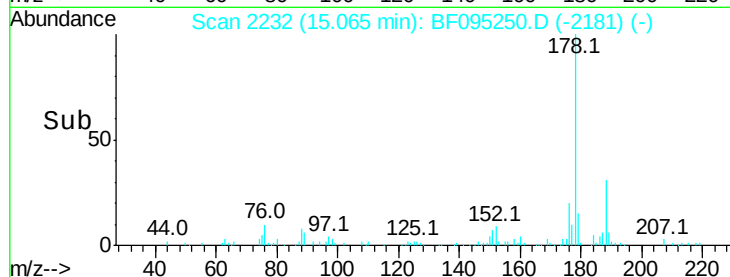
179 17.7 12.6 19.0



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: 2.30 ng

RT: 16.82 min Scan# 2530

Delta R.T. 0.02 min

Lab File: BF095250.D

Acq: 19 May 2017 6:44

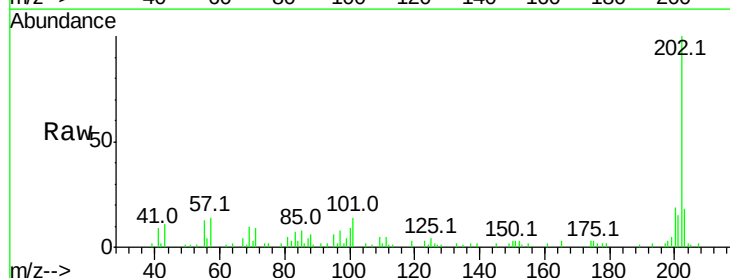
Tgt Ion:202 Resp: 46125

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

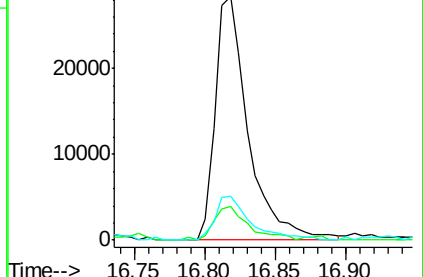
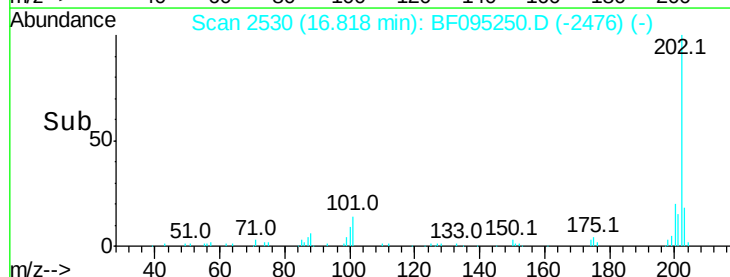
203 18.1 0.0 38.1

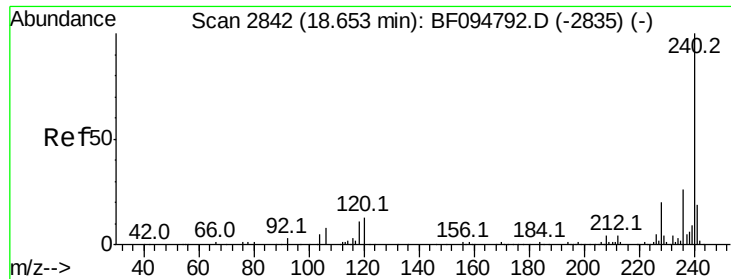


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

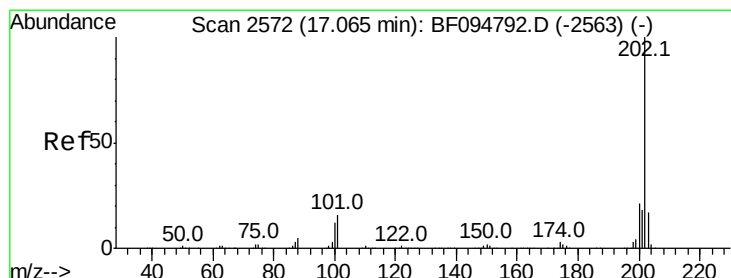
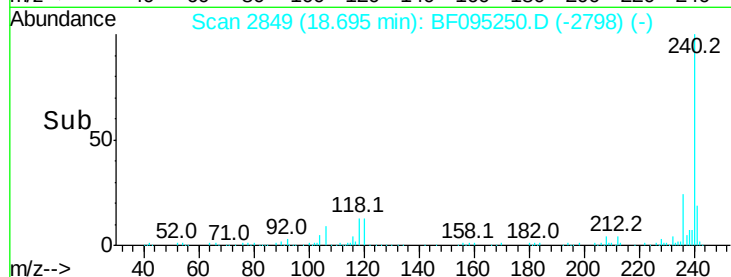
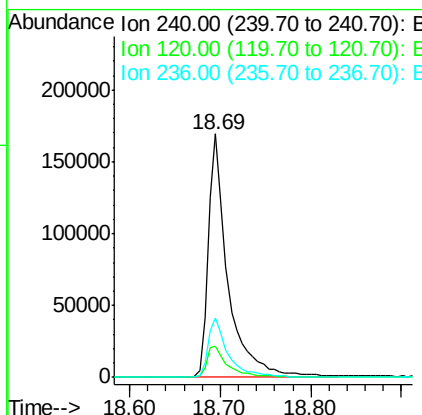
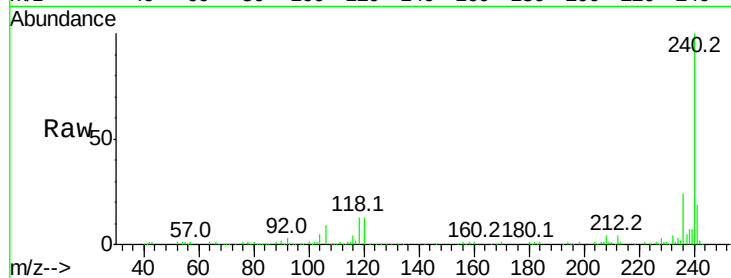




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095250.D
 Acq: 19 May 2017 6:44

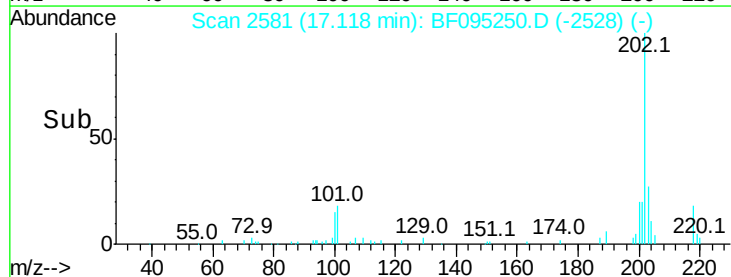
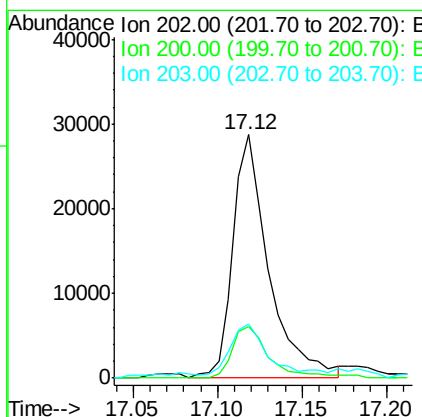
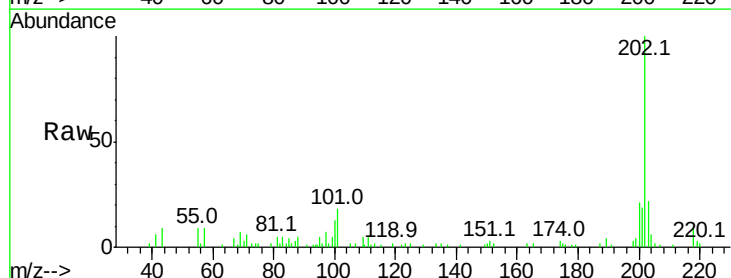
Instrument :
 BNA_F
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 E2-S4-BASE

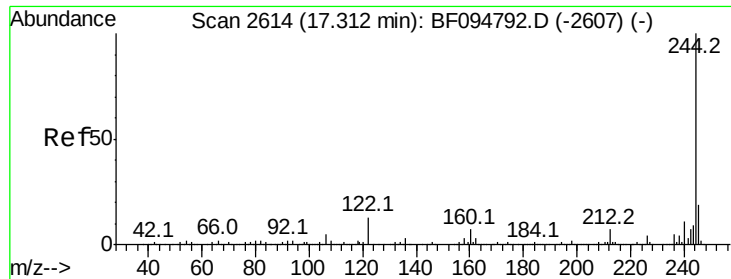
Tot Ion:240 Resp: 257839
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 24.3 20.5 30.7



#77
 Pyrene
 Concen: 2.20 ng
 RT: 17.12 min Scan# 2581
 Delta R.T. 0.01 min
 Lab File: BF095250.D
 Acq: 19 May 2017 6:44

Tgt Ion:202 Resp: 42491
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.6 26.4
 203 22.5 14.4 21.6#

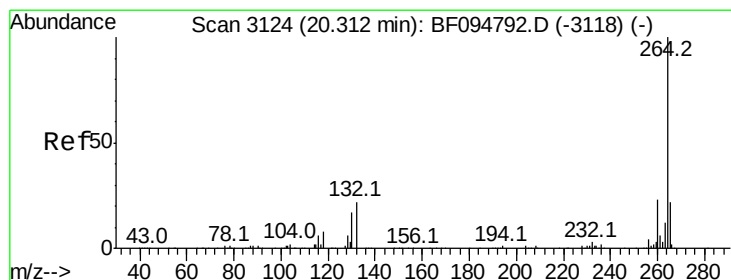
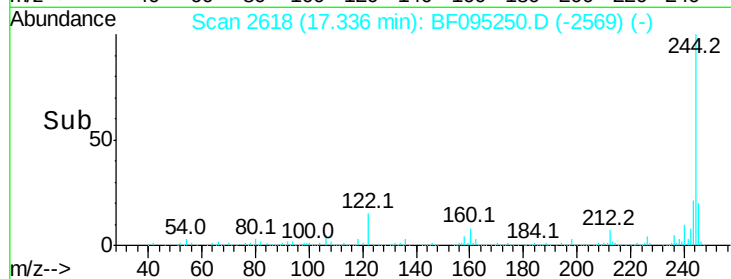
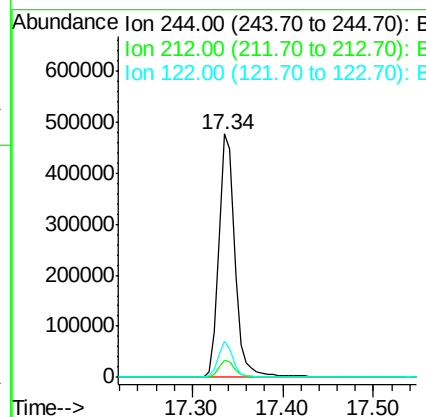
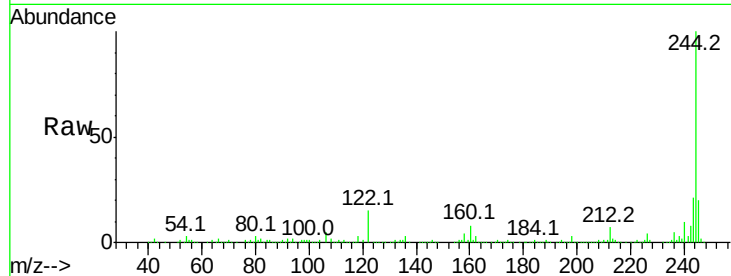




#78
 Terphenyl-d14
 Concen: 50.43 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095250.D
 Acq: 19 May 2017 6:44

Instrument :
 BNA_F
 ClientSampleId :
 E2-S4-BASE

Tot Ion:244 Resp: 590362
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095250.D
 Acq: 19 May 2017 6:44

Tgt Ion:264 Resp: 169916
 Ion Ratio Lower Upper
 264 100
 260 21.5 19.5 29.3
 265 20.6 17.2 25.8

