

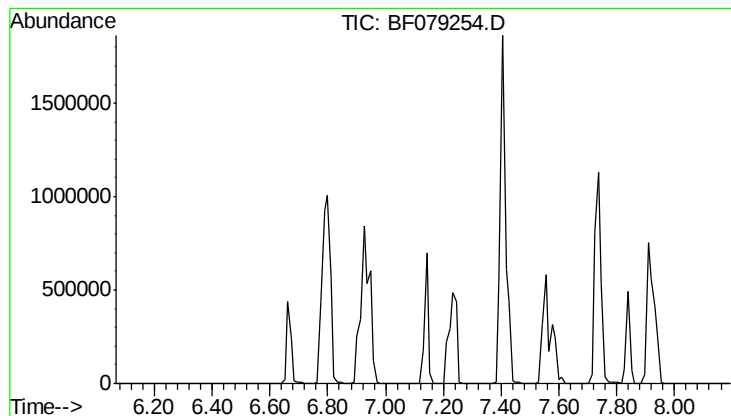
Data Path : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\
 Data File : BF079254.D
 Acq On : 15 May 2015 2:28
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 05 04:09:52 2015
 Quant Method : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.88
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.72
75) Chrysene-d12	16.10	240	290822	20.00	ng	0.08
86) Perylene-d12	17.81	264	319118	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.84	82	11209	0.00	ng	0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	14.81	244	881003	72.53	ng	0.09
Target Compounds						
76) Benzidine	14.50	184	389271	49.67	ng	Qvalue 98
77) Pyrene	14.59	202	615496	36.73	ng	100
79) Butylbenzylphthalate	15.43	149	293906	40.12	ng	93
80) Benzo(a)anthracene	16.09	228	624572	39.22	ng	100
81) 3,3'-Dichlorobenzidine	16.07	252	247518	43.63	ng	99
82) Chrysene	16.14	228	581931	37.99	ng	99
83) Bis(2-ethylhexyl)phthalate	16.14	149	406803	36.66	ng	# 98
84) Di-n-octyl phthalate	16.93	149	757112	38.74	ng	97
85) Indeno(1,2,3-cd)pyrene	19.23	276	788741	40.41	ng	99
87) Benzo(b)fluoranthene	17.37	252	658834	37.72	ng	# 96
88) Benzo(k)fluoranthene	17.37	252	658834	38.96	ng	99
89) Benzo(a)pyrene	17.75	252	625394	38.88	ng	# 96
90) Dibenzo(a,h)anthracene	19.26	278	644743	37.72	ng	99
91) Benzo(a,h,i)perylene	19.66	276	631414	36.86	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.13 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

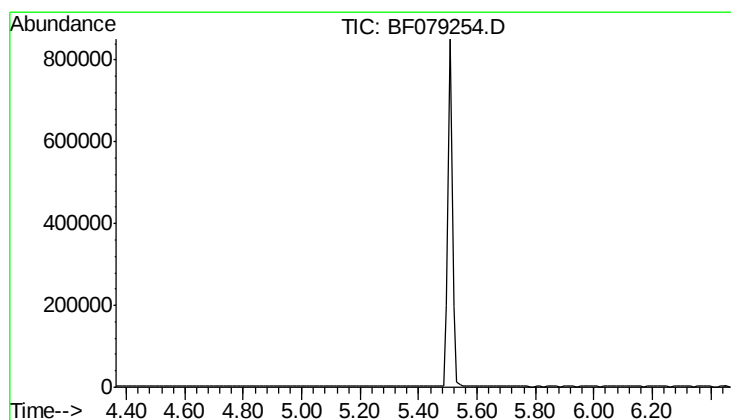
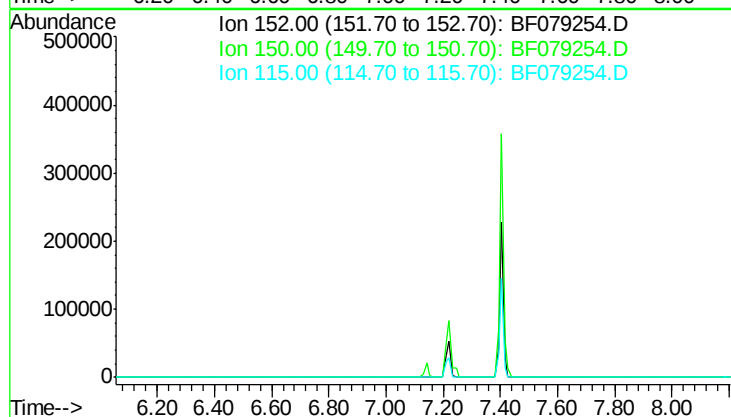
Tot Ion: 152

Sig Exp Ratio

152 100

150 154.8

115 61.7



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.42 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

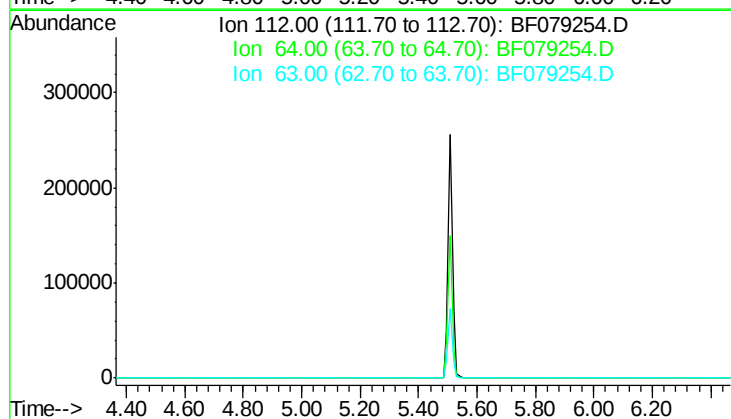
Tgt Ion: 112

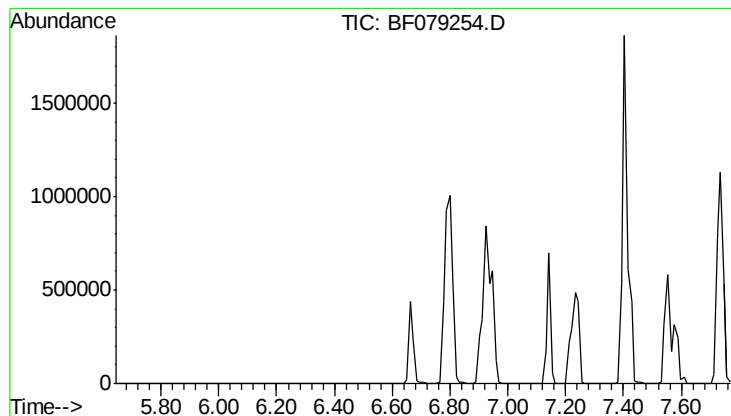
Sig Exp Ratio

112 100

64 55.2

63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

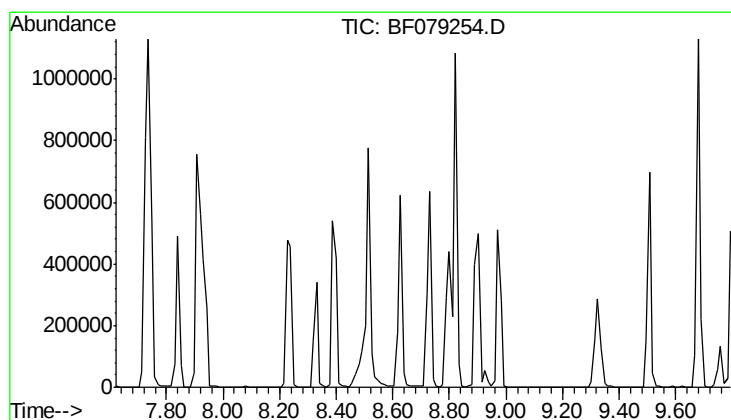
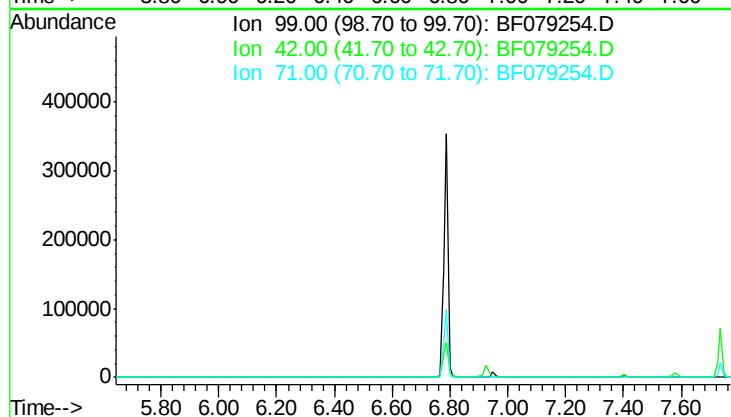
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.71 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

Tgt Ion: 136

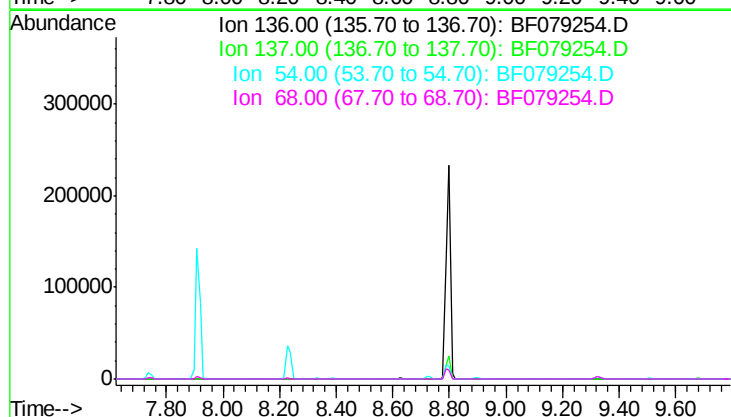
Sig Exp Ratio

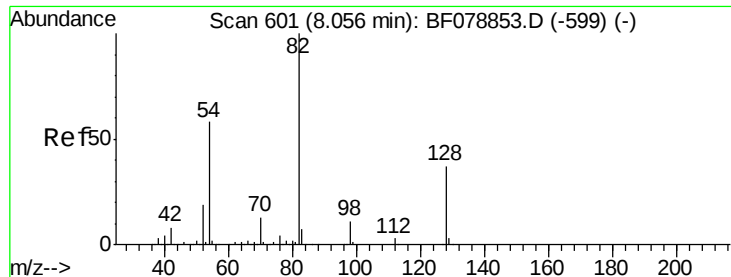
136 100

137 11.0

54 8.6

68 6.1

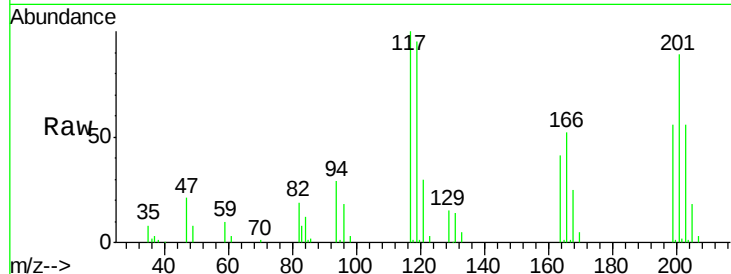




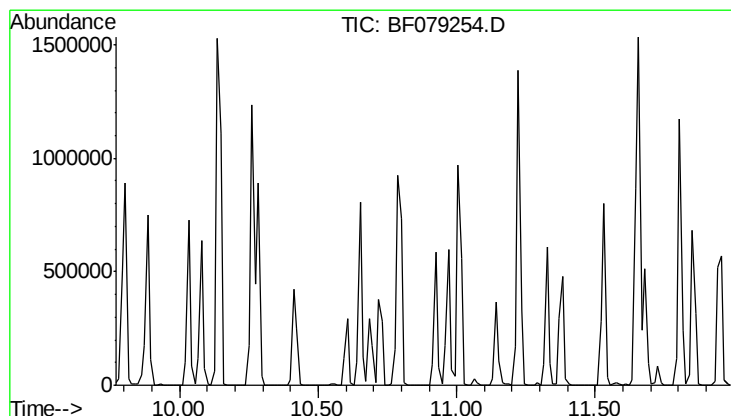
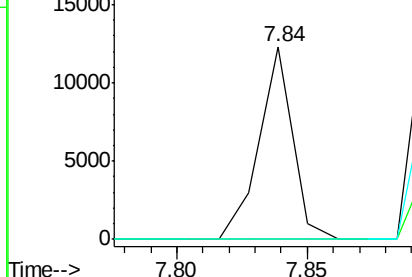
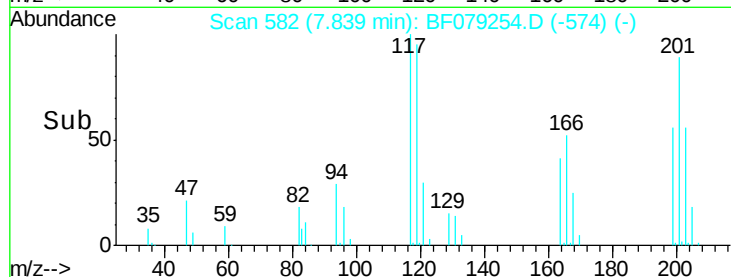
#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 7.84 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF079254.D
 Acq: 15 May 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	82	128	54	Resp	Lower	Upper
82	100					
128	0.0	29.7			44.5#	
54	0.0	46.2			69.4#	



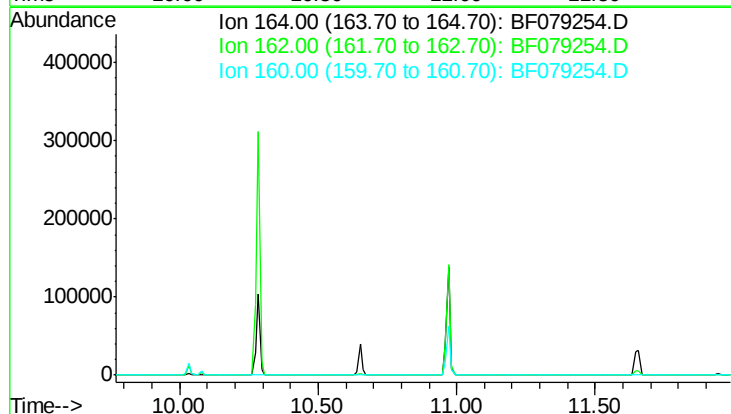
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

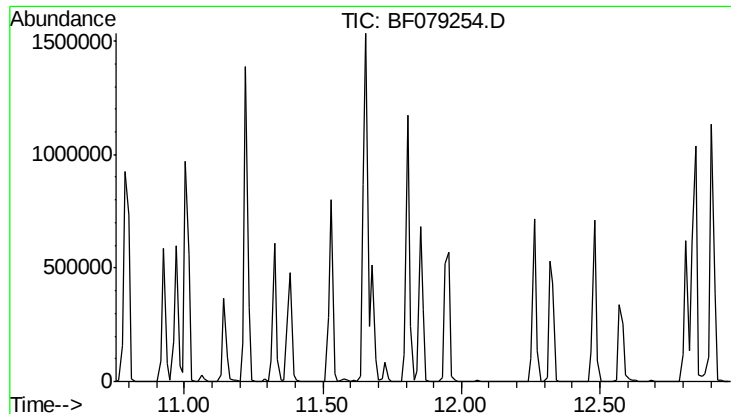


#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.88 min

Lab File: BF079254.D
 Acq: 15 May 2015 2:28

Tgt Ion	164	162	160	Exp Ratio
164	100			
162	101.7			
160	45.7			





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 11.86 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

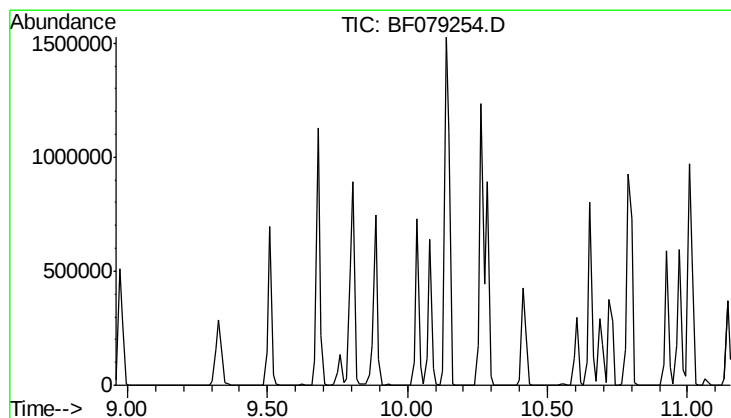
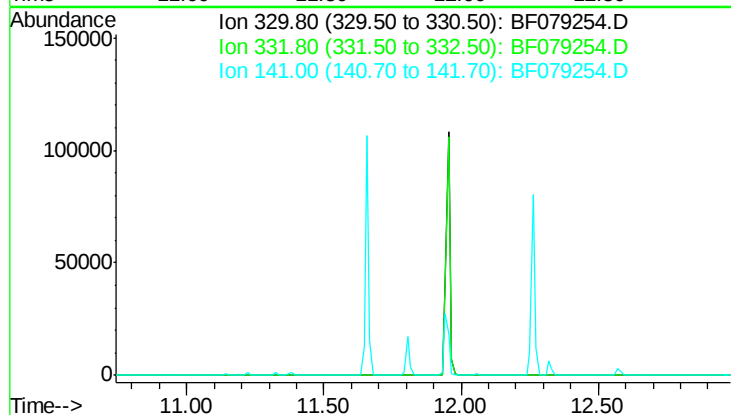
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.1

141 34.8



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 10.06 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

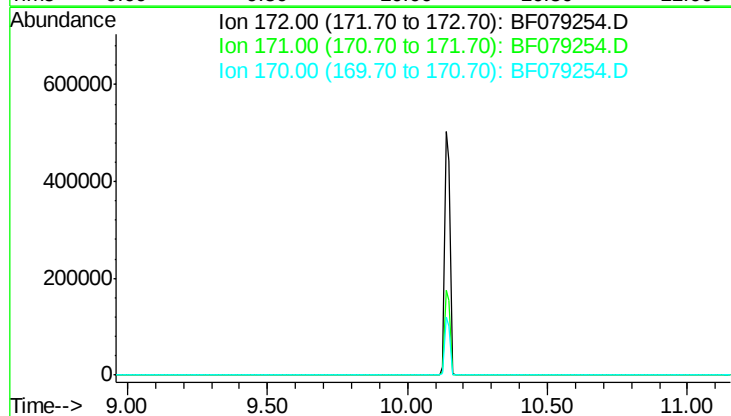
Tgt Ion: 172

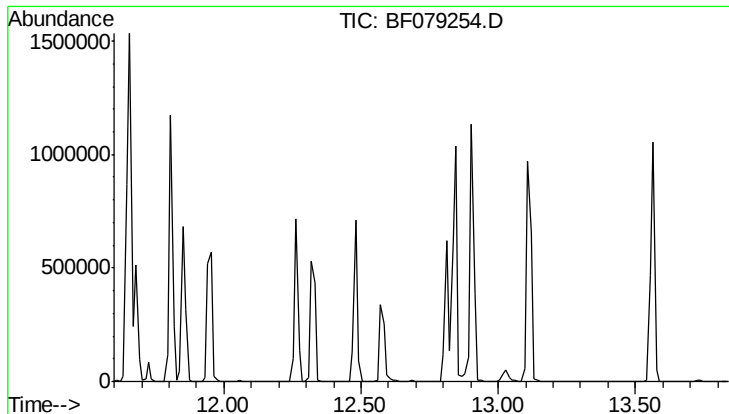
Sig Exp Ratio

172 100

171 35.4

170 24.3

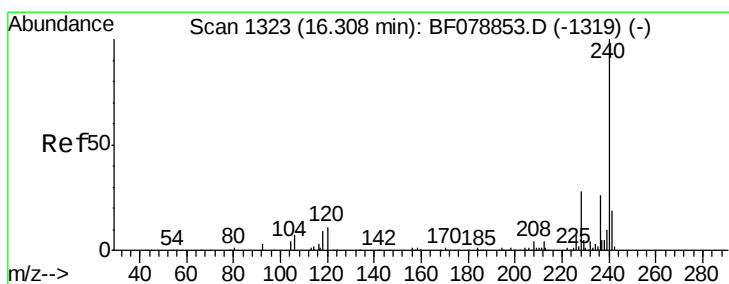
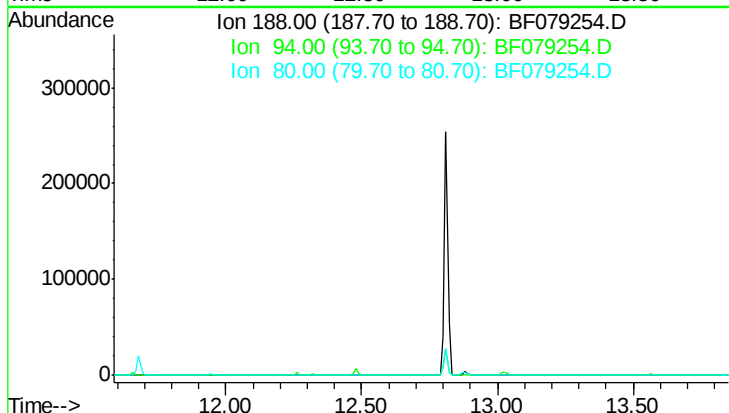




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.72 min
 Lab File: BF079254.D
 Acq: 15 May 2015 2:28

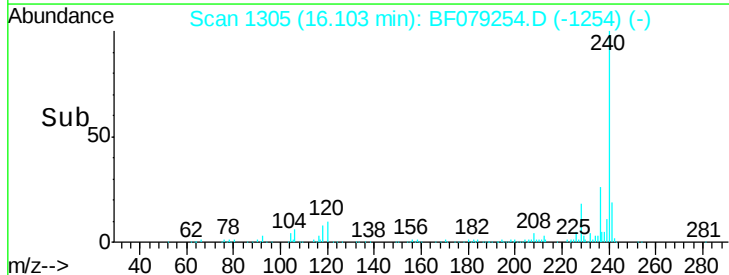
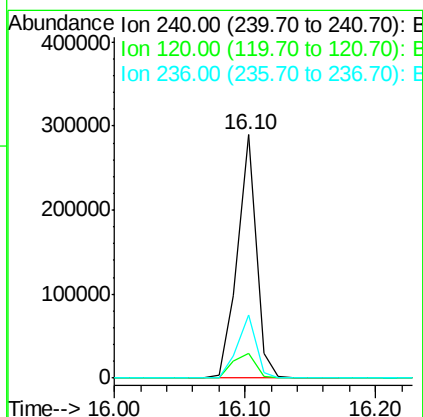
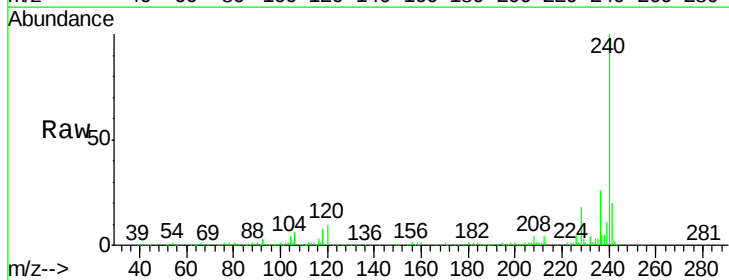
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

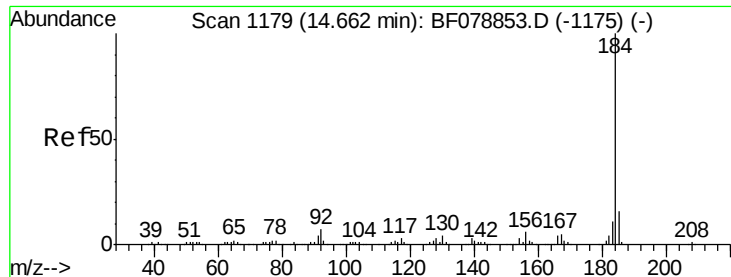
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 11.7
 80 12.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 1305
 Delta R.T. 0.08 min
 Lab File: BF079254.D
 Acq: 15 May 2015 2:28

Tgt Ion: 240 Resp: 290822
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.6 12.8
 236 25.8 21.0 31.6





#76

Benzidine

Concen: 49.67 ng

RT: 14.50 min Scan# 1165

Delta R.T. 0.09 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

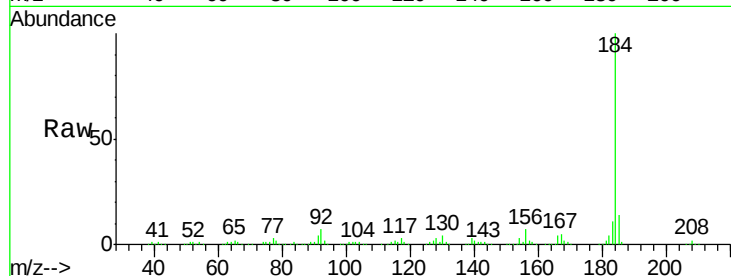
Tot Ion:184 Resp: 389271

Ion Ratio Lower Upper

184 100

185 14.4 12.8 19.2

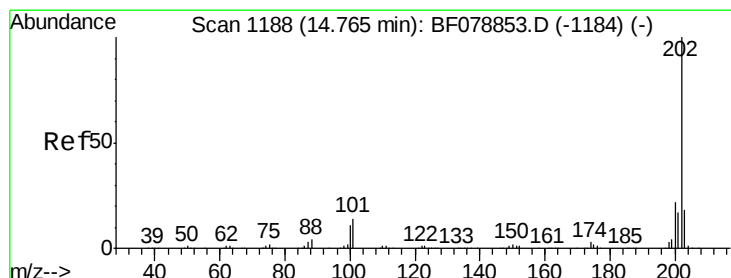
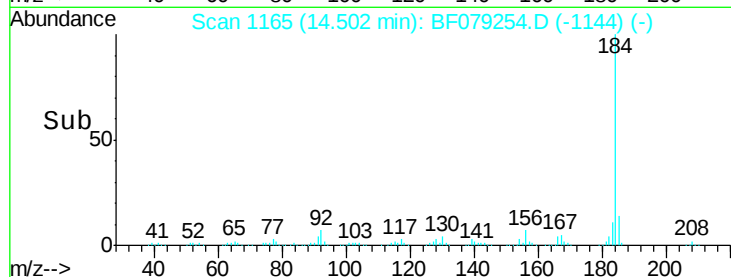
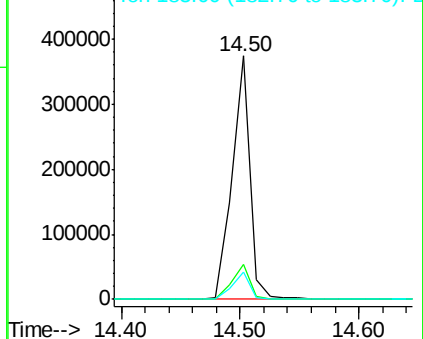
183 11.4 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 36.73 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.09 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

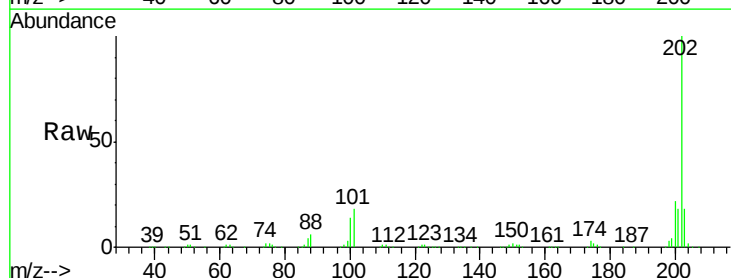
Tgt Ion:202 Resp: 615496

Ion Ratio Lower Upper

202 100

200 21.9 17.5 26.3

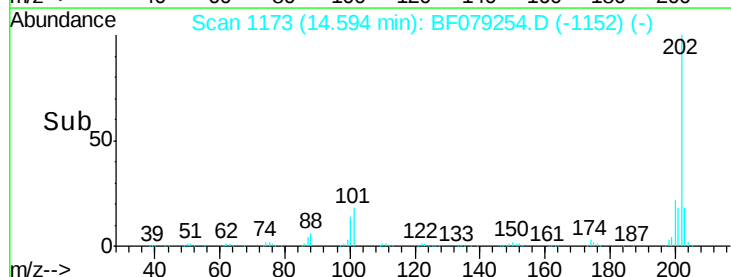
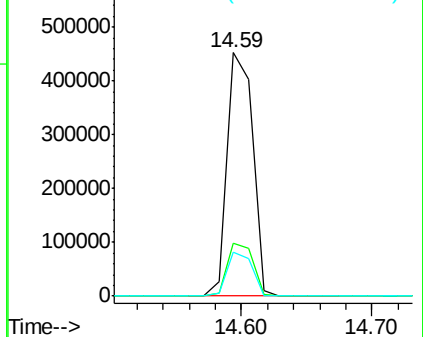
203 18.3 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.53 ng

RT: 14.81 min Scan# 1192

Delta R.T. 0.09 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

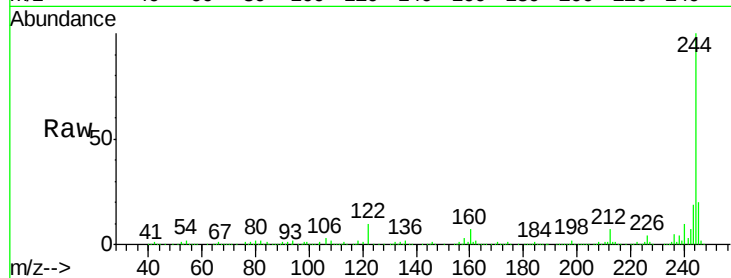
Tot Ion:244 Resp: 881003

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

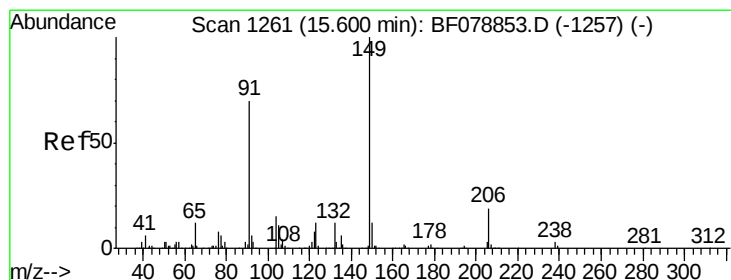
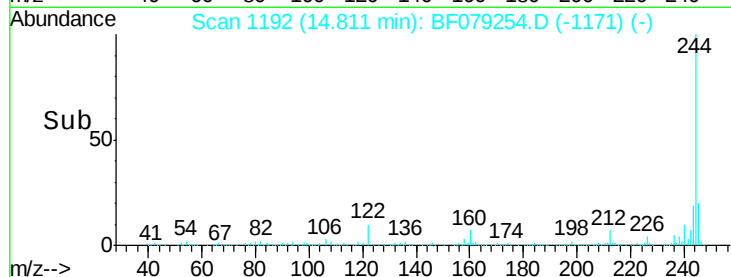
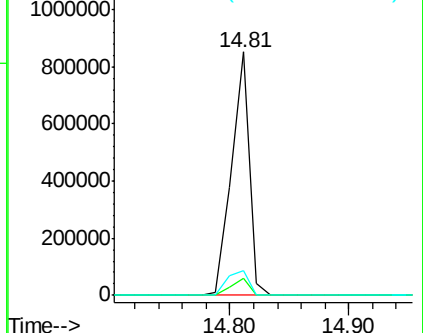
122 10.0 10.5 15.7#



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



#79

Butylbenzylphthalate

Concen: 40.12 ng

RT: 15.43 min Scan# 1246

Delta R.T. 0.09 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

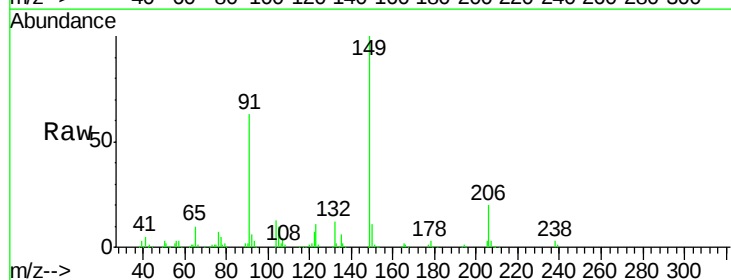
Tgt Ion:149 Resp: 293906

Ion Ratio Lower Upper

149 100

91 63.0 56.2 84.2

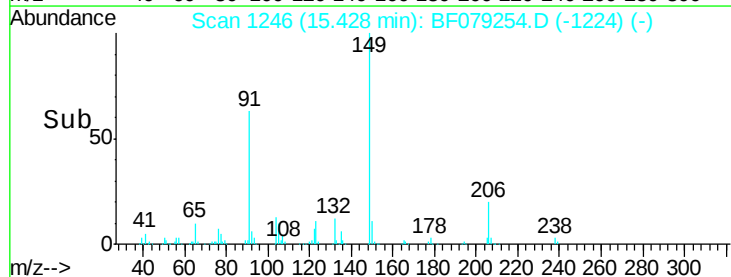
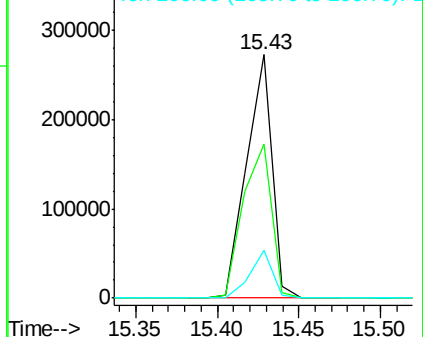
206 19.6 15.2 22.8

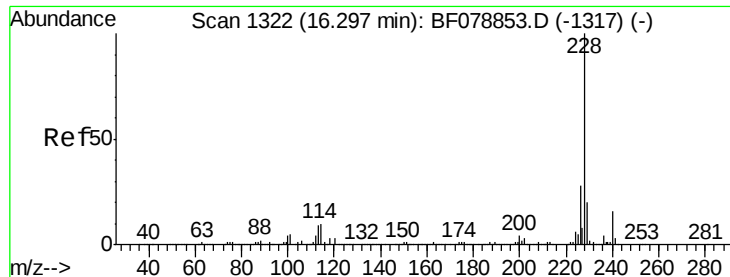


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.22 ng

RT: 16.09 min Scan# 1304

Delta R.T. 0.08 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

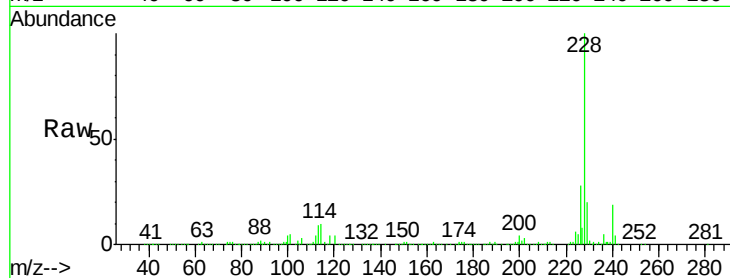
Tot Ion:228 Resp: 624572

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

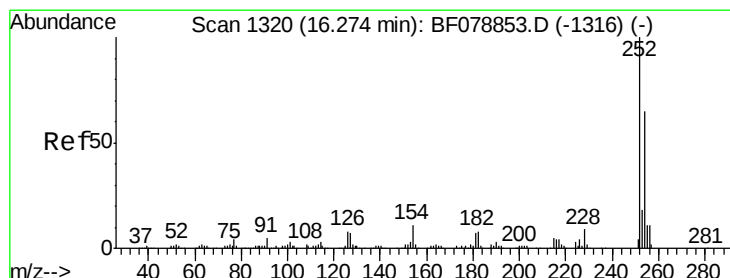
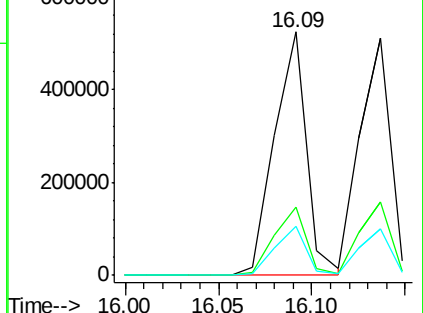
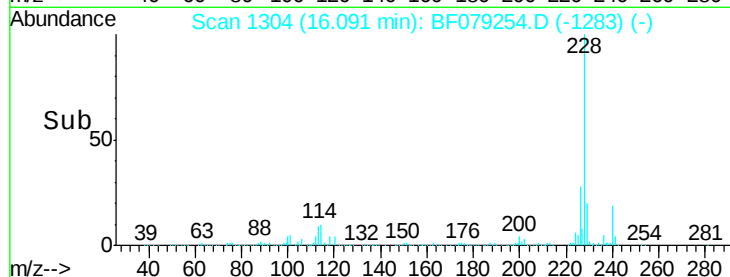
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 43.63 ng

RT: 16.07 min Scan# 1302

Delta R.T. 0.08 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

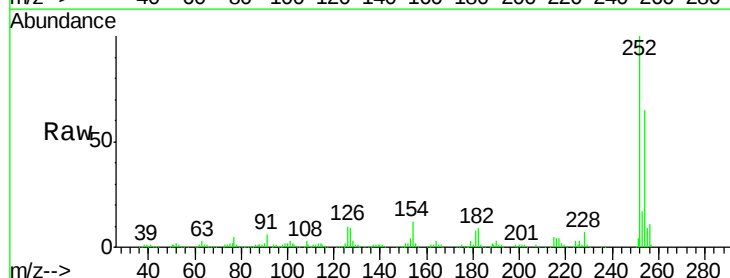
Tgt Ion:252 Resp: 247518

Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

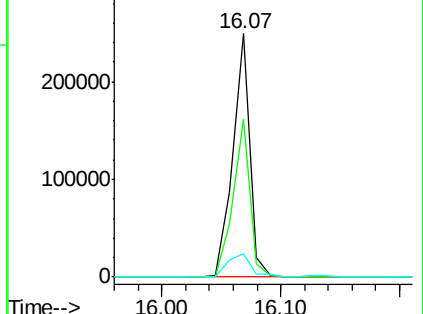
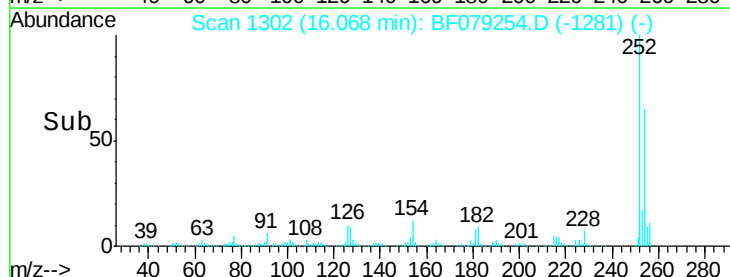
126 9.8 6.6 9.8

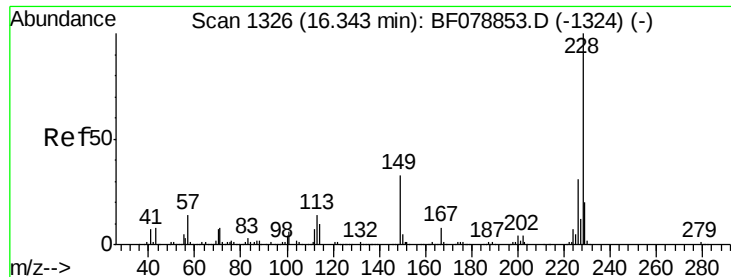


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

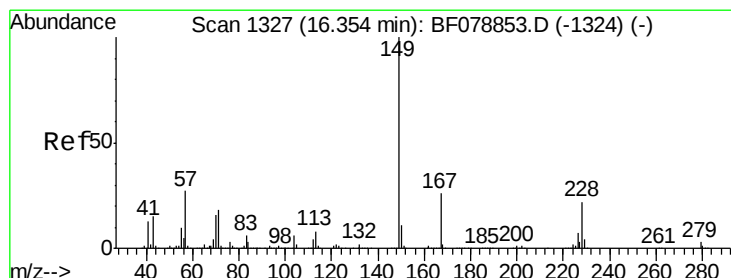
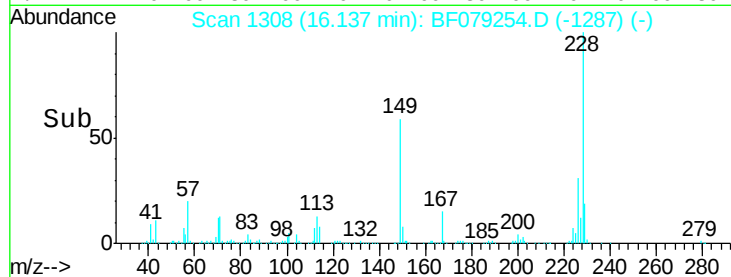
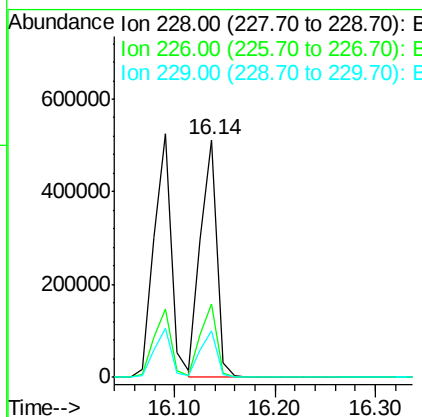
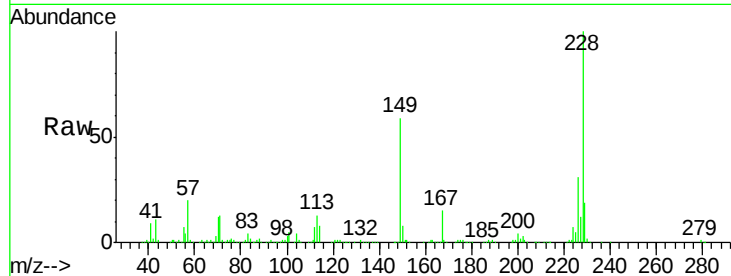




#82
 Chrvsene
 Concen: 37.99 ng
 RT: 16.14 min Scan# 1308
 Delta R.T. 0.08 min
 Lab File: BF079254.D
 Acq: 15 May 2015 2:28

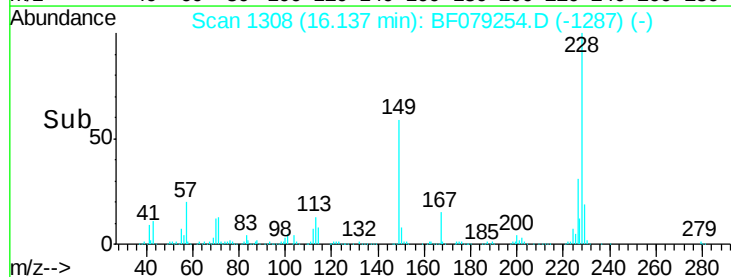
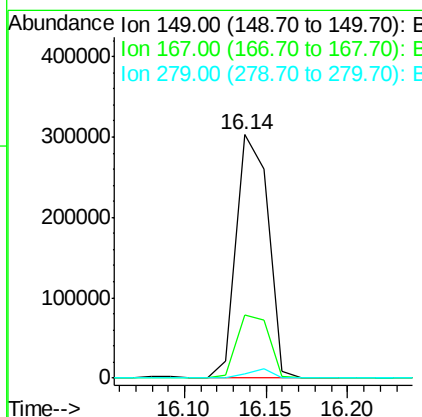
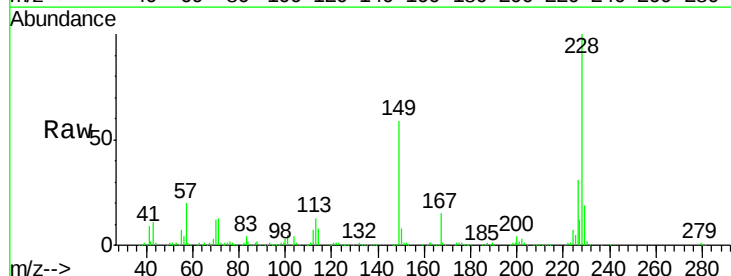
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

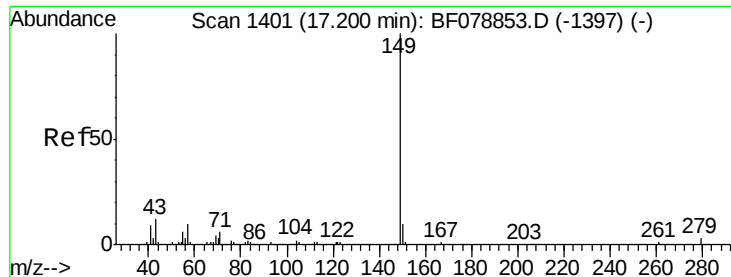
Tot Ion:228 Resp: 581931
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.8 37.2
 229 19.5 16.1 24.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.66 ng
 RT: 16.14 min Scan# 1308
 Delta R.T. 0.07 min
 Lab File: BF079254.D
 Acq: 15 May 2015 2:28

Tgt Ion:149 Resp: 406803
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.2 31.8
 279 1.9 2.6 4.0#

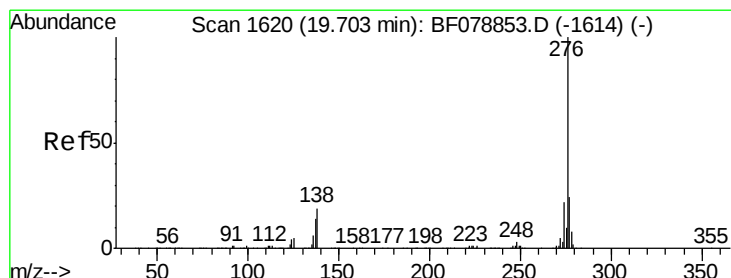
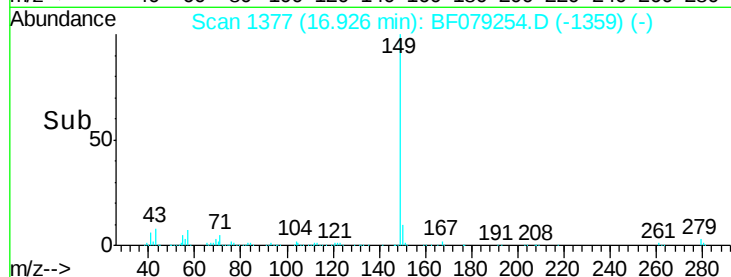
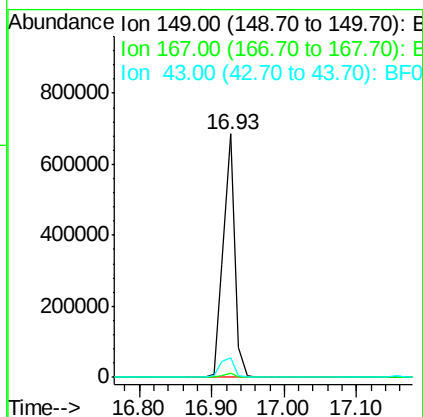
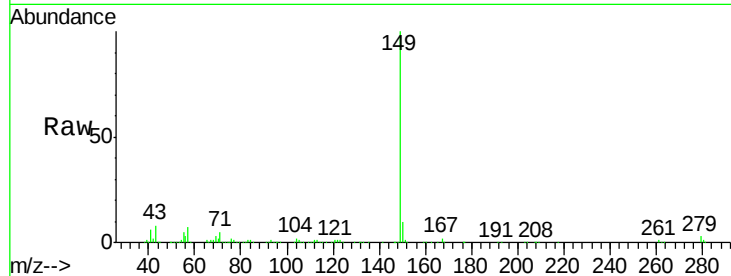




#84
Di-n-octyl phthalate
Concen: 38.74 ng
RT: 16.93 min Scan# 1377
Delta R.T. 0.03 min
Lab File: BF079254.D
Acq: 15 May 2015 2:28

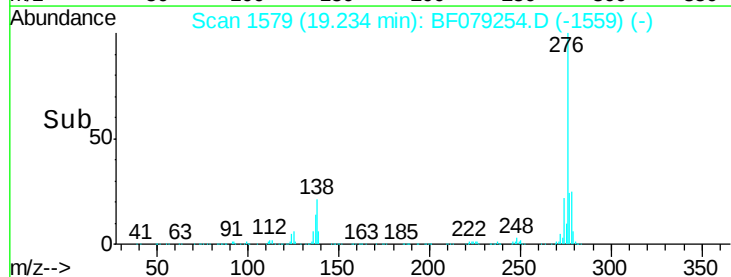
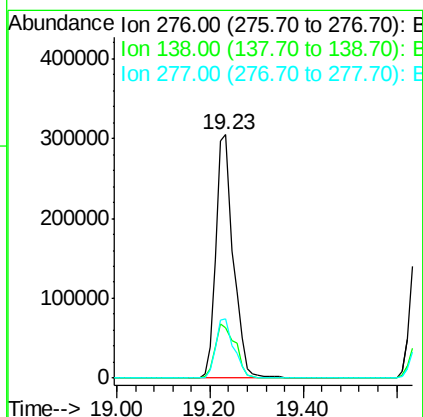
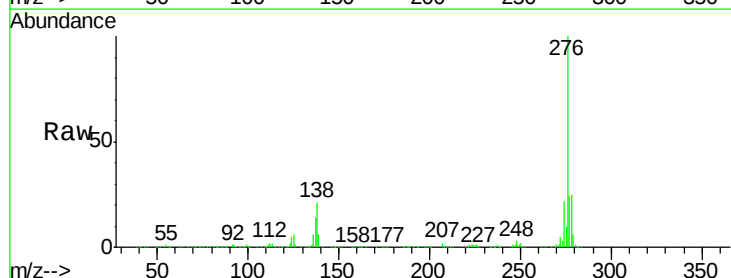
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

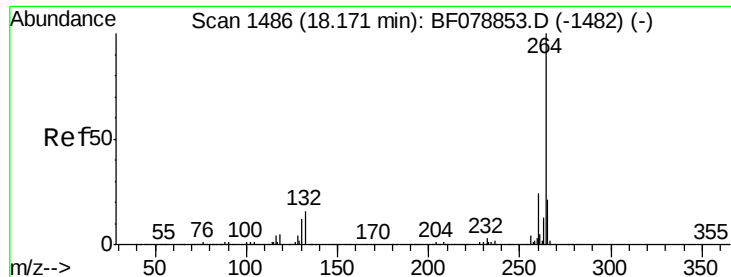
Tot Ion:149 Resp: 757112
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.9 9.0 13.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 40.41 ng
RT: 19.23 min Scan# 1579
Delta R.T. 0.02 min
Lab File: BF079254.D
Acq: 15 May 2015 2:28

Tgt Ion:276 Resp: 788741
Ion Ratio Lower Upper
276 100
138 26.2 21.1 31.7
277 25.3 19.9 29.9

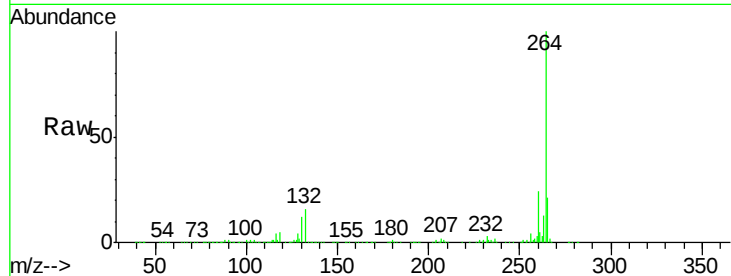




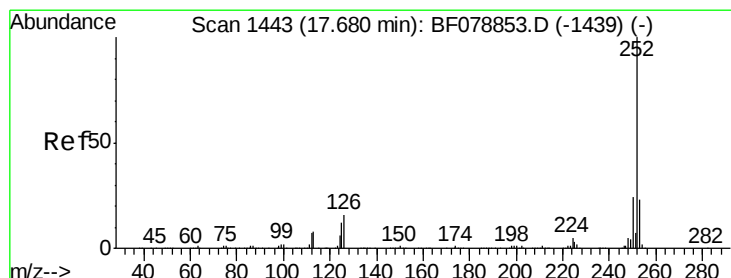
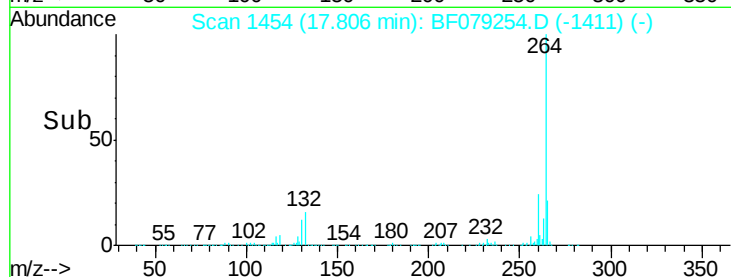
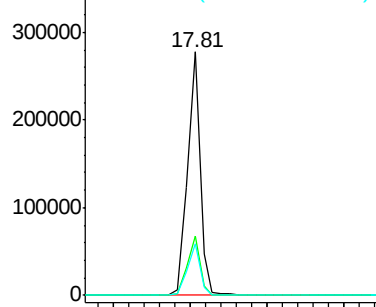
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF079254.D
Acq: 15 May 2015 2:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 319118
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.3 17.2 25.8

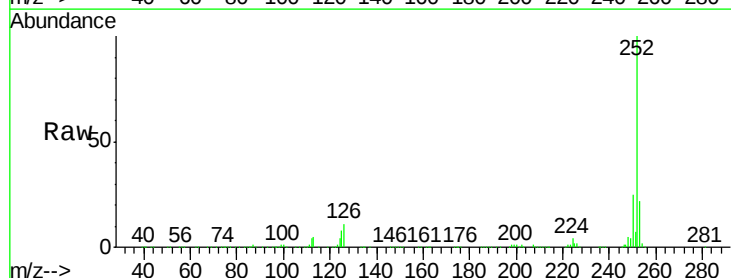


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

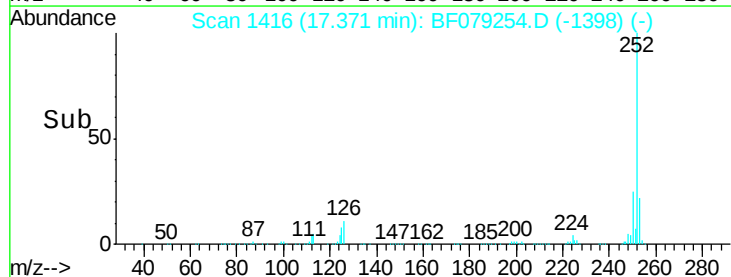
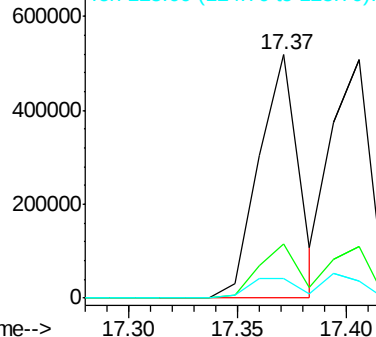


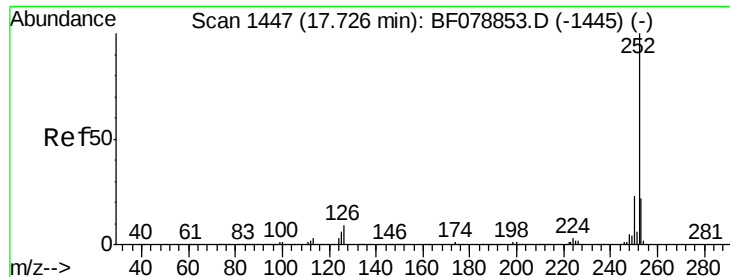
#87
Benzo(b)fluoranthene
Concen: 37.72 ng
RT: 17.37 min Scan# 1416
Delta R.T. 0.02 min
Lab File: BF079254.D
Acq: 15 May 2015 2:28

Tgt Ion:252 Resp: 658834
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 8.2 9.4 14.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

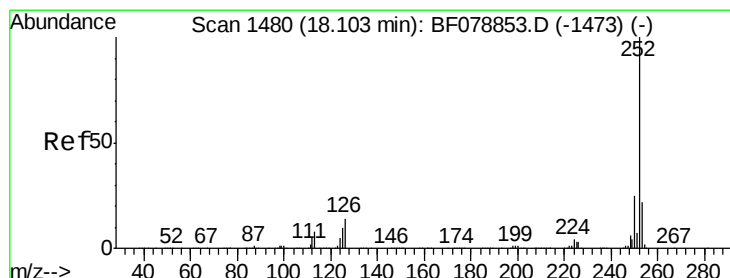
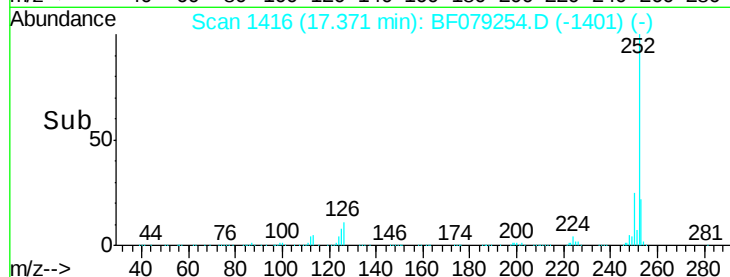
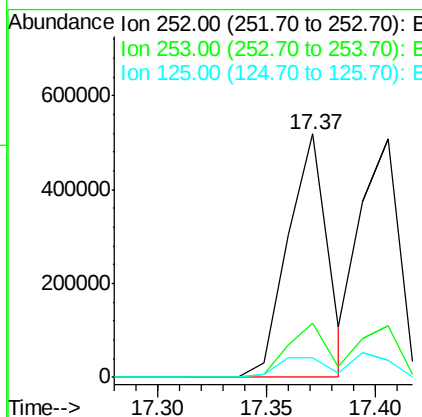
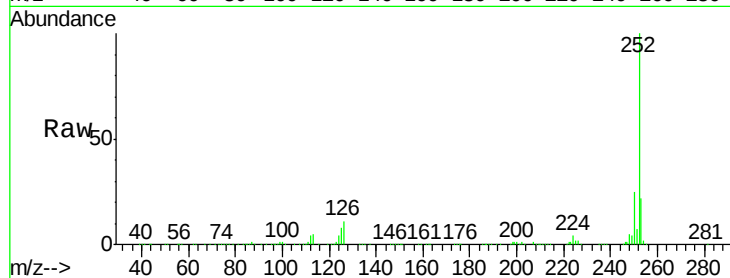




#88
Benzo(k)fluoranthene
Concen: 38.96 ng
RT: 17.37 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF079254.D
Acq: 15 May 2015 2:28

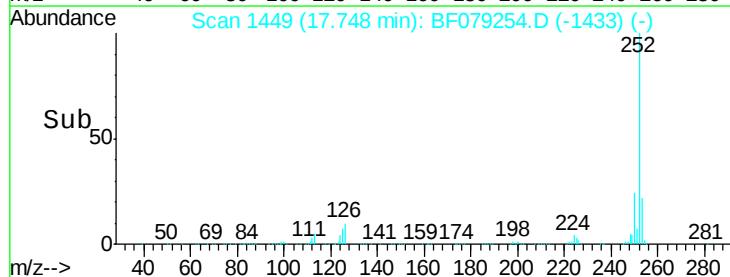
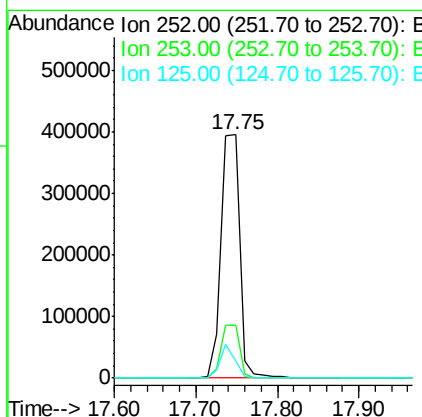
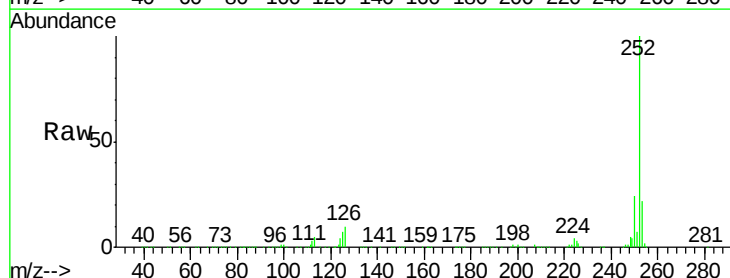
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

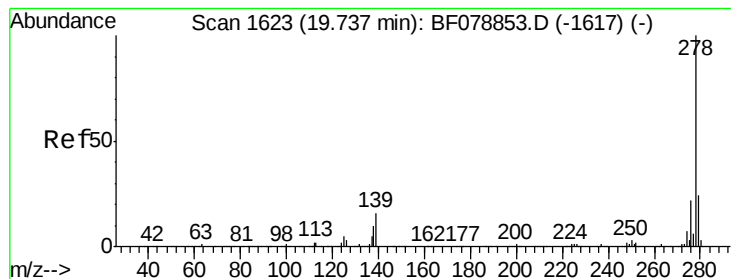
Tot Ion:252 Resp: 658834
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.2 6.1 9.1



#89
Benzo(a)pyrene
Concen: 38.88 ng
RT: 17.75 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF079254.D
Acq: 15 May 2015 2:28

Tgt Ion:252 Resp: 625394
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 7.1 8.2 12.2#





#90

Dibenzo(a,h)anthracene

Concen: 37.72 ng

RT: 19.26 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

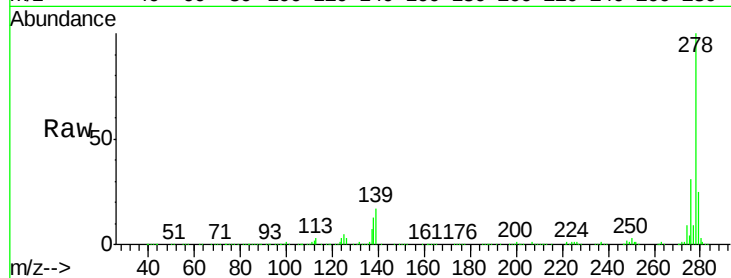
Tot Ion:278 Resp: 644743

Ion Ratio Lower Upper

278 100

139 16.6 13.1 19.7

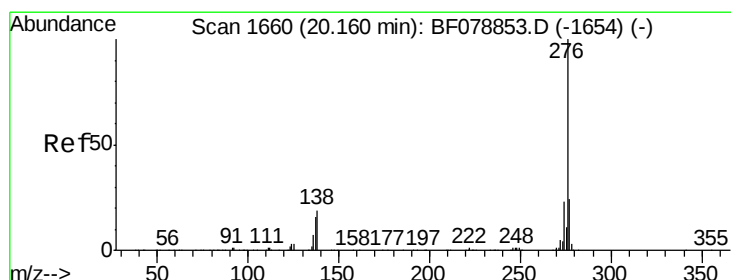
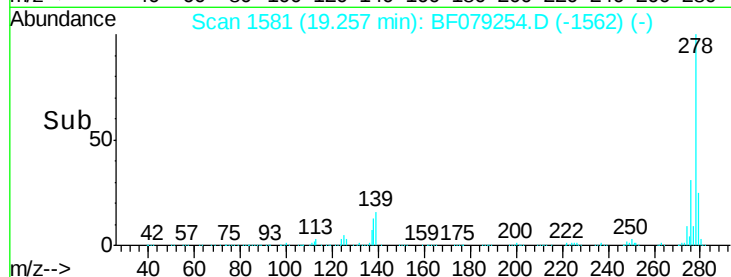
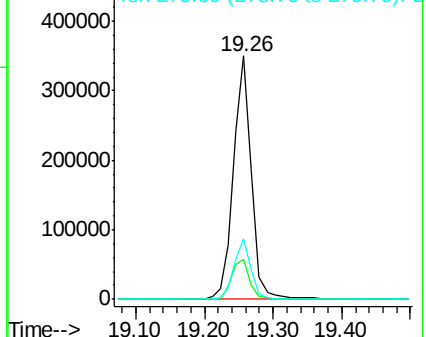
279 24.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.86 ng

RT: 19.66 min Scan# 1616

Delta R.T. 0.03 min

Lab File: BF079254.D

Acq: 15 May 2015 2:28

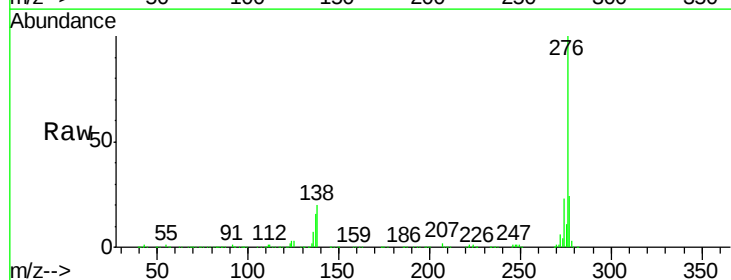
Tgt Ion:276 Resp: 631414

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 20.1 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

