

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092598.D
 Acq On : 28 Jan 2017 1:33
 Operator : SJ/MA
 Sample : I1531-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S4C4

Quant Time: Jan 28 04:50:29 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	172697	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	640639	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	271443	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	391725	20.00	ng	0.00
75) Chrysene-d12	14.18	240	275377	20.00	ng	0.01
86) Perylene-d12	15.68	264	217474	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1602439	144.37	ng	0.06
7) Phenol-d6	6.64	99	2008642	142.07	ng	0.05
23) Nitrobenzene-d5	7.55	82	1198446	102.19	ng	0.01
41) 2,4,6-Tribromophenol	10.83	330	251344	135.88	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1759508	119.86	ng	0.00
78) Terphenyl-d14	13.12	244	1261425	121.98	ng	0.00

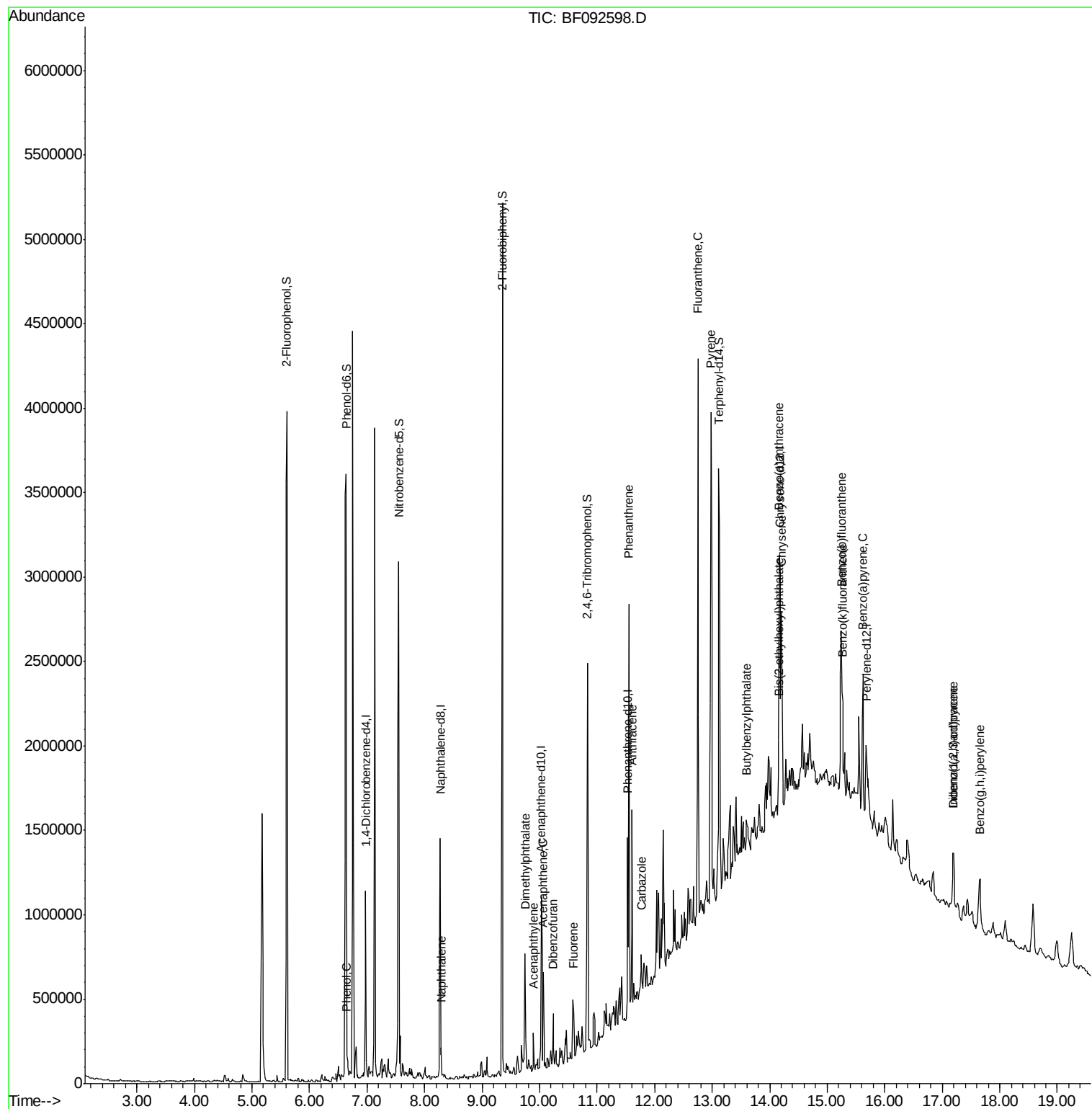
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.65	94	56007	3.28	ng	# 59
31) Naphthalene	8.29	128	84875	2.59	ng	98
48) Acenaphthylene	9.89	152	67866	2.89	ng	99
49) Dimethylphthalate	9.74	163	266758	15.45	ng	99
51) Acenaphthene	10.06	154	122442	8.38	ng	96
54) Dibenzofuran	10.24	168	96015	4.84	ng	# 94
57) Fluorene	10.59	166	124056	8.44	ng	94
70) Phenanthrene	11.55	178	1275207	59.11	ng	99
71) Anthracene	11.61	178	554334	26.29	ng	97
72) Carbazole	11.77	167	94793	4.71	ng	99
74) Fluoranthene	12.75	202	1691043	80.14	ng	100
77) Pyrene	12.98	202	1722510	86.33	ng	99
79) Butylbenzylphthalate	13.60	149	36845	4.56	ng	# 89
80) Benzo(a)anthracene	14.17	228	830530	56.12	ng	98
82) Chrysene	14.20	228	566605	35.85	ng	97
83) Bis(2-ethylhexyl)phthalate	14.16	149	75567	7.42	ng	# 88
85) Indeno(1,2,3-cd)pyrene	17.19	276	270548	23.14	ng	99
87) Benzo(b)fluoranthene	15.24	252	659428m	47.23	ng	
88) Benzo(k)fluoranthene	15.27	252	235291m	20.27	ng	
89) Benzo(a)pyrene	15.62	252	466590	39.51	ng	98
90) Dibenzo(a,h)anthracene	17.20	278	61504	6.44	ng	# 80
91) Benzo(g,h,i)perylene	17.65	276	273924	28.36	ng	# 93

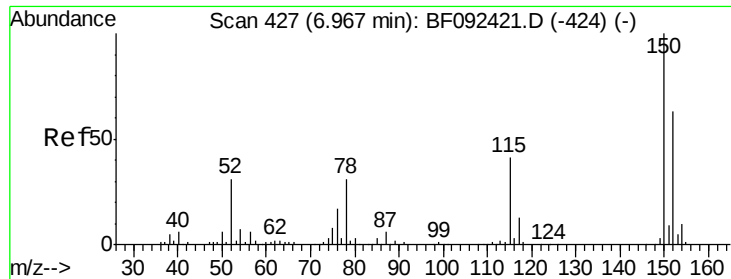
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

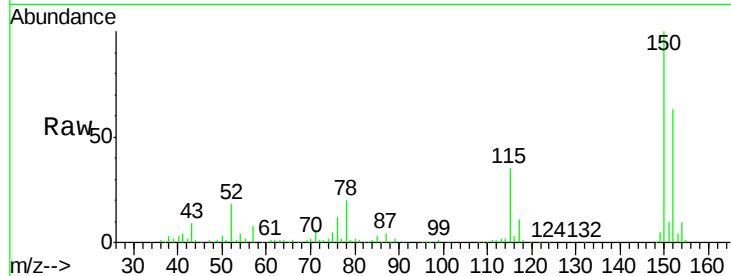
Tgt Ion:152 Resp: 172697

Ion Ratio Lower Upper

152 100

150 157.6 124.9 187.3

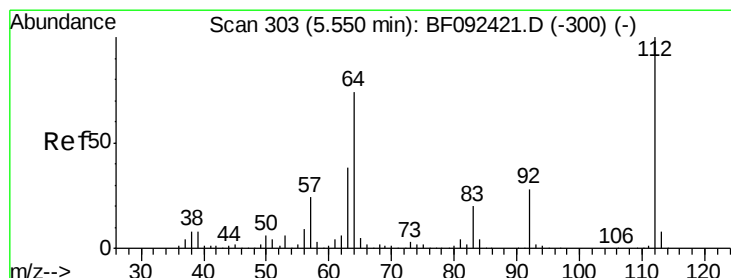
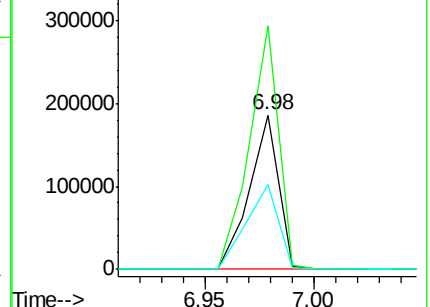
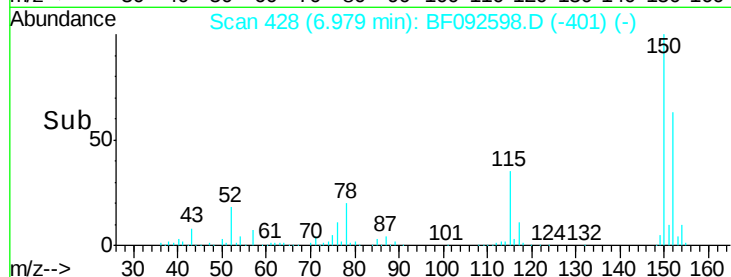
115 54.8 46.0 69.0



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: 144.37 ng

RT: 5.61 min Scan# 308

Delta R.T. 0.06 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

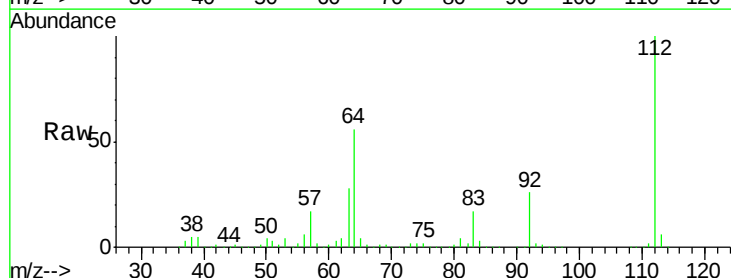
Tgt Ion:112 Resp: 1602439

Ion Ratio Lower Upper

112 100

64 55.6 46.1 69.1

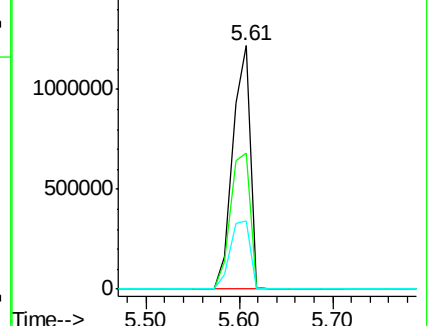
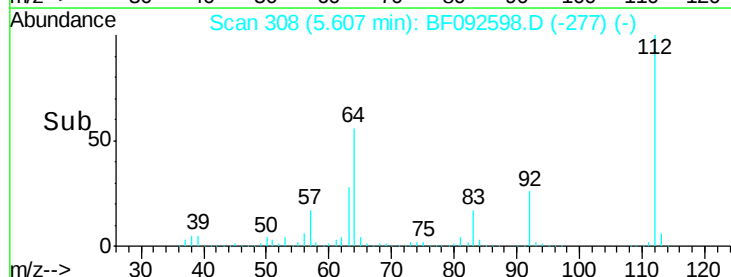
63 27.8 23.8 35.6

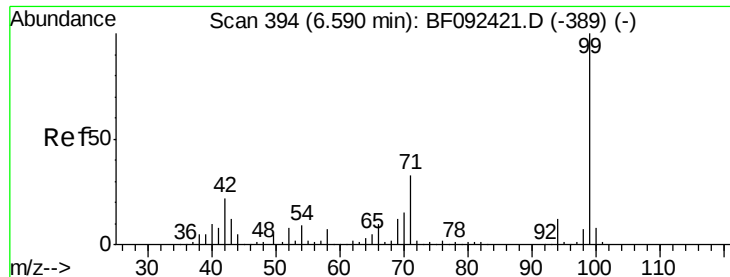


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.07 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.05 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

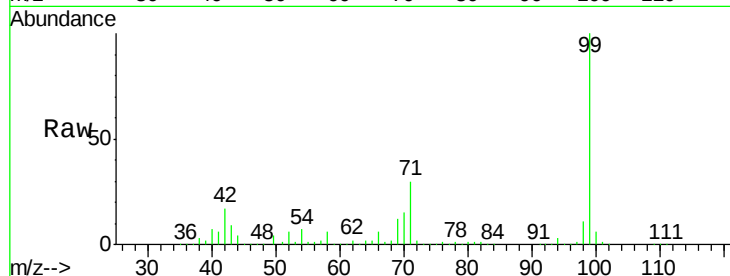
Tgt Ion: 99 Resp: 2008642

Ion Ratio Lower Upper

99 100

42 16.6 15.6 23.4

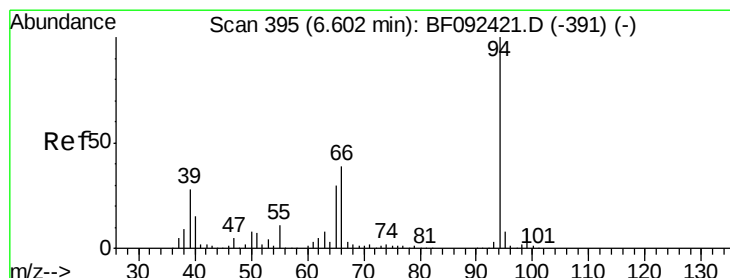
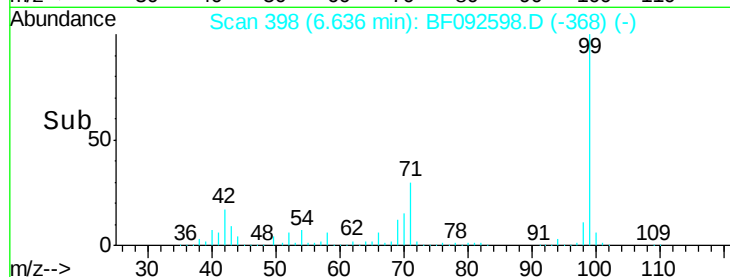
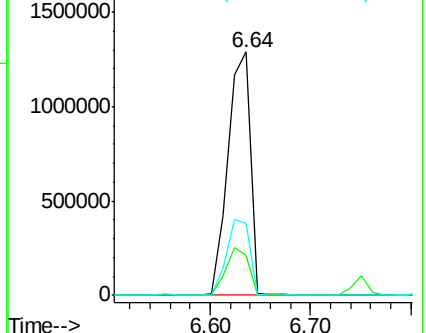
71 29.5 27.5 41.3



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



#10

Phenol

Concen: 3.28 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.05 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

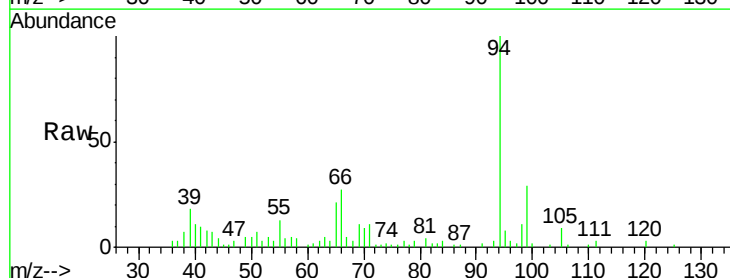
Tgt Ion: 94 Resp: 56007

Ion Ratio Lower Upper

94 100

65 21.4 21.4 61.4

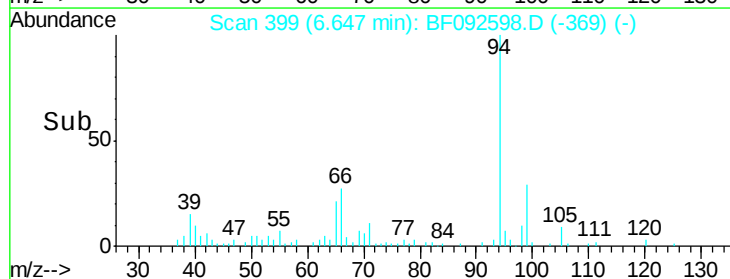
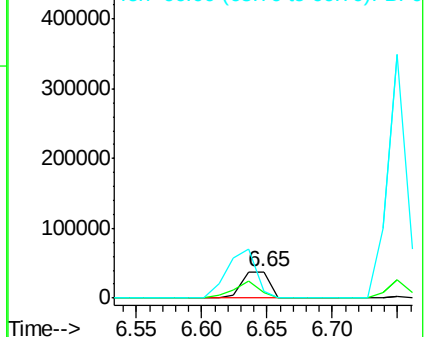
66 27.3 44.0 84.0#

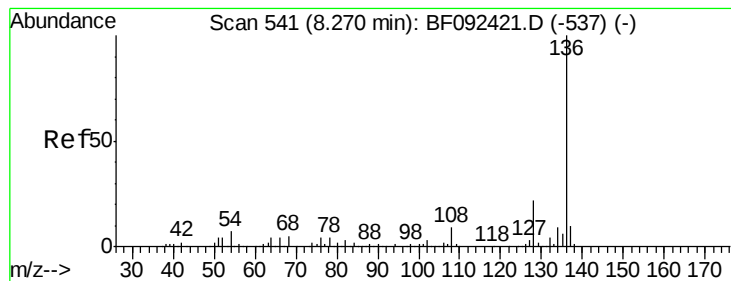


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

Tgt Ion:136 Resp: 640639

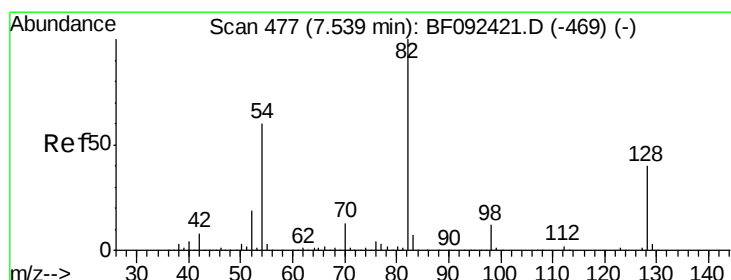
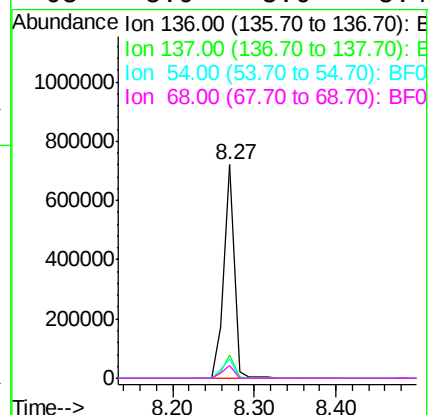
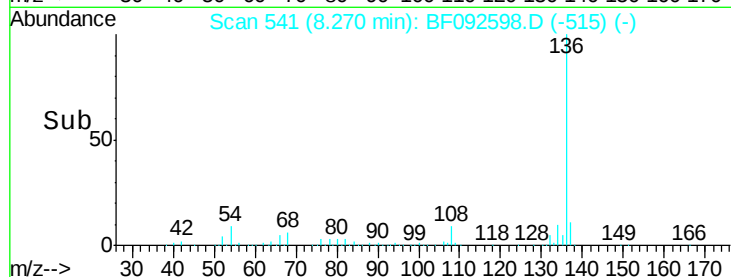
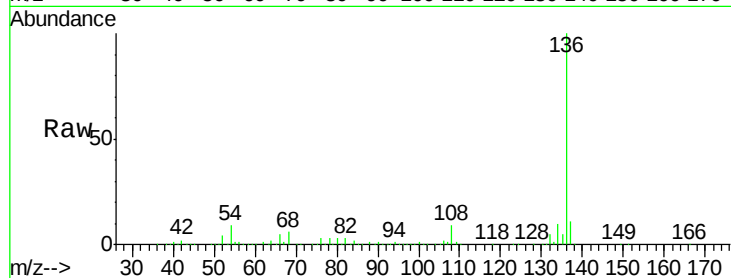
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 8.8 4.5 6.7#

68 5.9 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 102.19 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

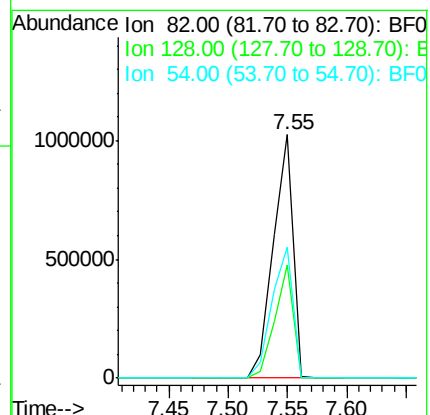
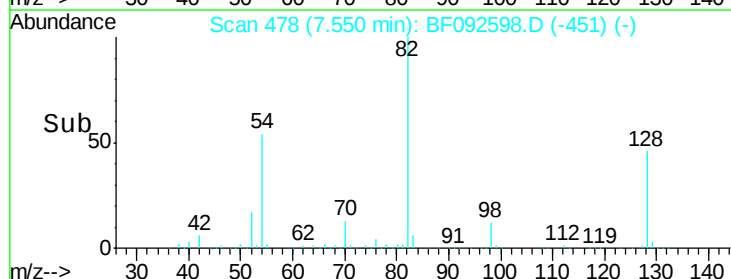
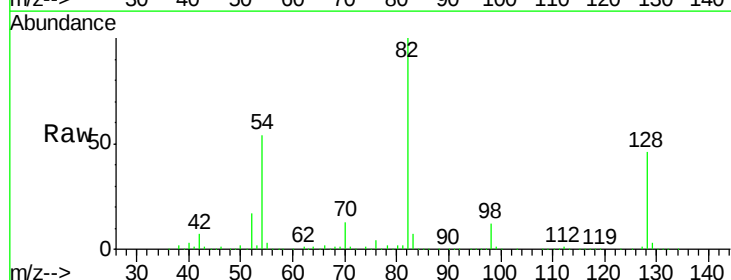
Tgt Ion: 82 Resp: 1198446

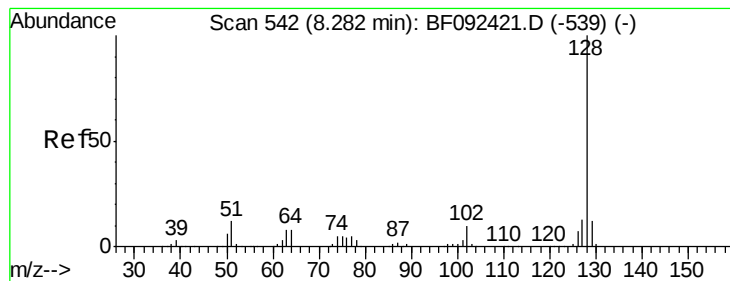
Ion Ratio Lower Upper

82 100

128 46.4 34.6 52.0

54 54.0 39.5 59.3





#31

Naphthalene

Concen: 2.59 ng

RT: 8.29 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

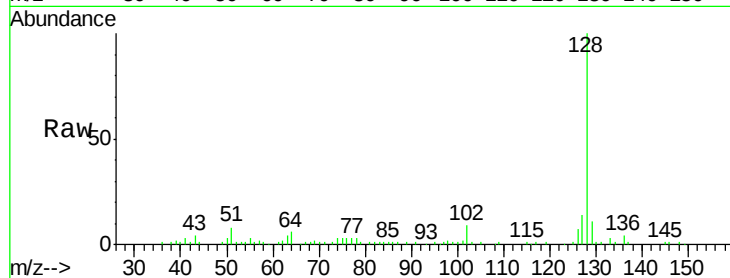
Tgt Ion:128 Resp: 84875

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

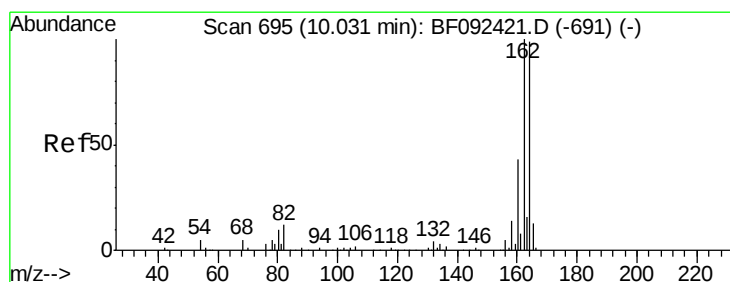
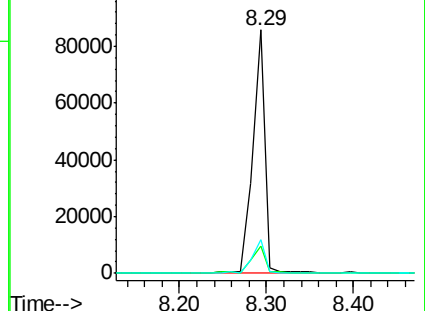
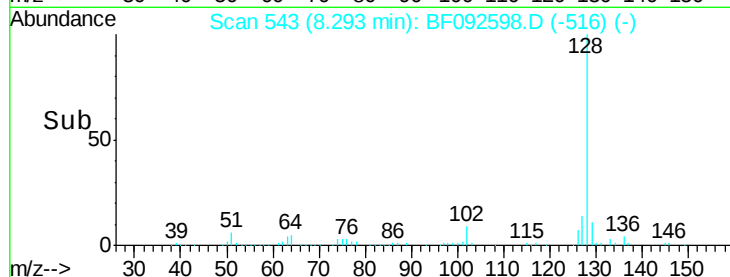
127 13.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

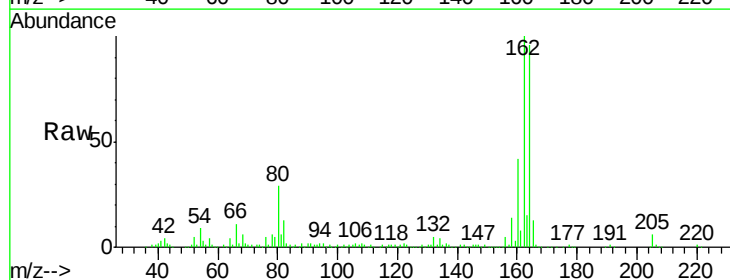
Tgt Ion:164 Resp: 271443

Ion Ratio Lower Upper

164 100

162 104.3 80.2 120.2

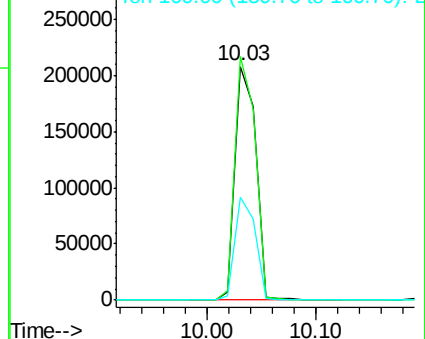
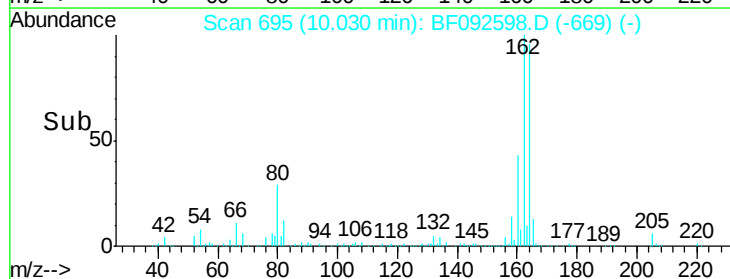
160 44.3 36.9 55.3

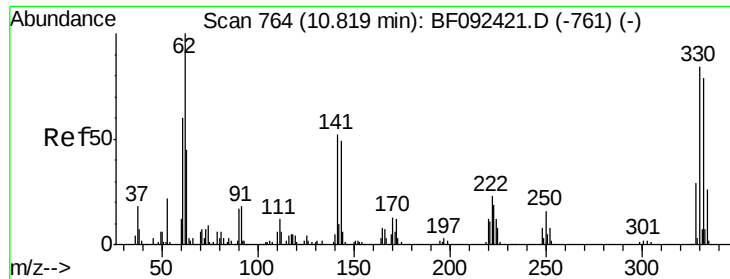


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

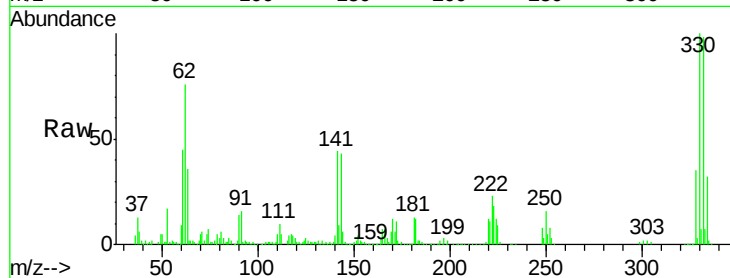




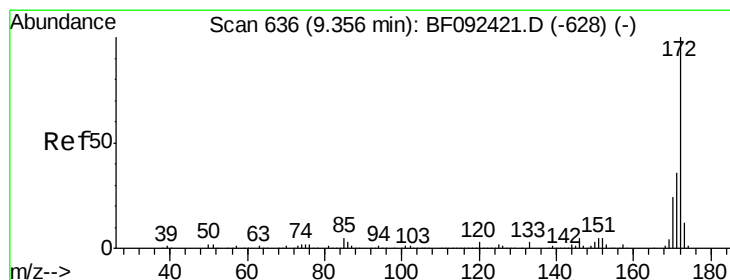
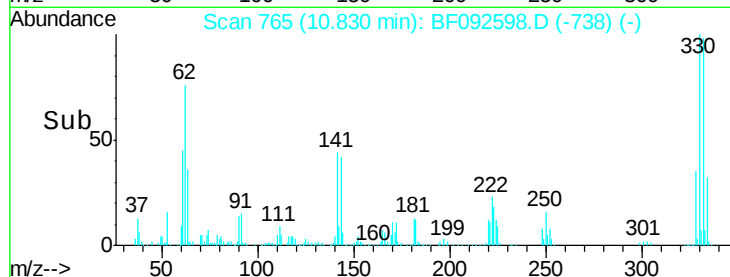
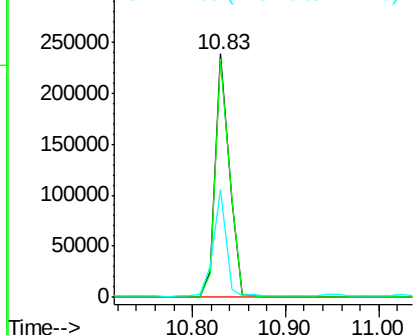
#41
 2,4,6-Tribromophenol
 Concen: 135.88 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

Instrument :
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 EDC-HPRR-S4C4

Tgt Ion:330 Resp: 251344
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.4 116.2
 141 40.5 34.1 51.1

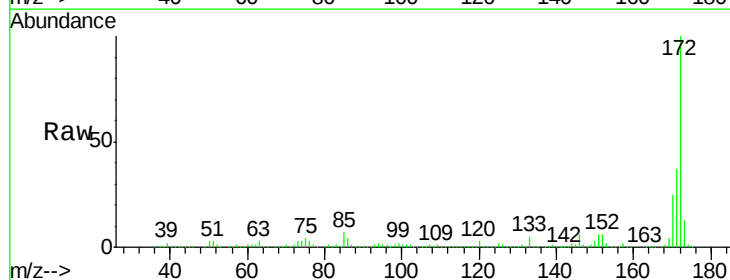


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

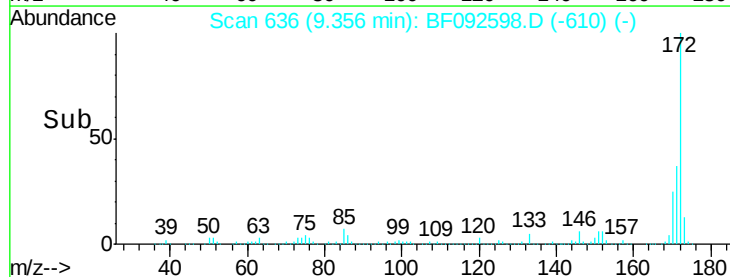
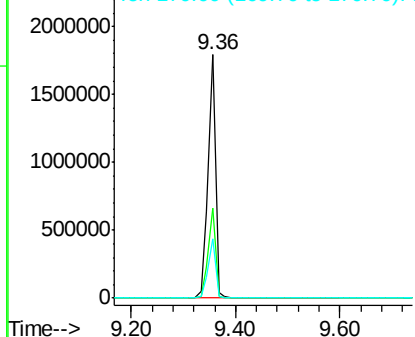


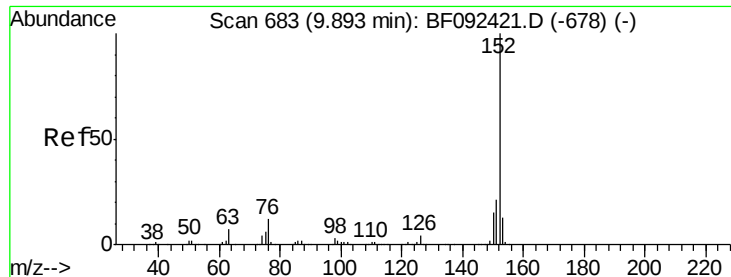
#44
 2-Fluorobiphenyl
 Concen: 119.86 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

Tgt Ion:172 Resp: 1759508
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.6 20.2 30.4



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





#48

Acenaphthylene

Concen: 2.89 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

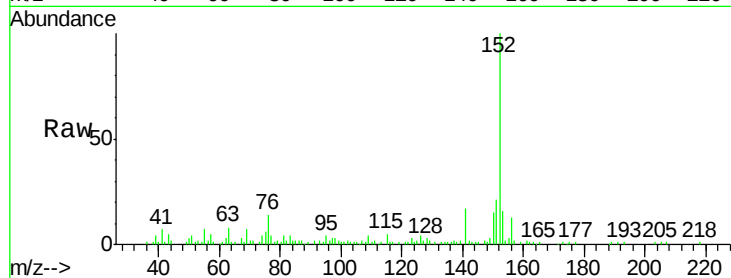
Tgt Ion:152 Resp: 67866

Ion Ratio Lower Upper

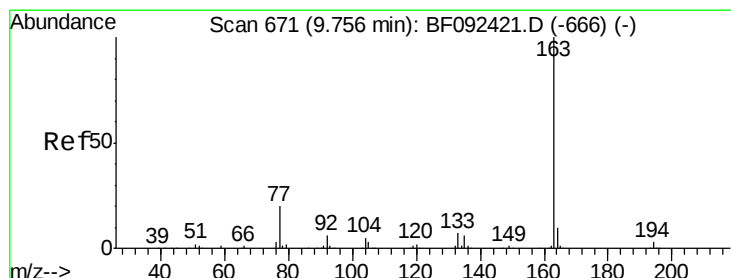
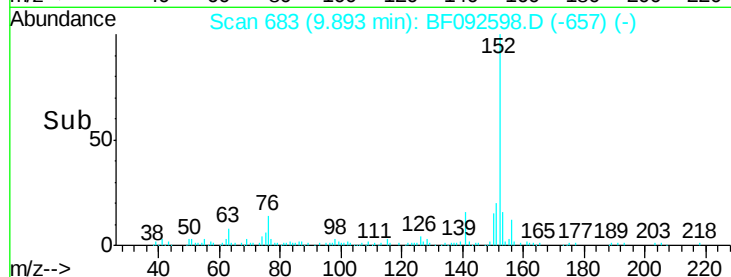
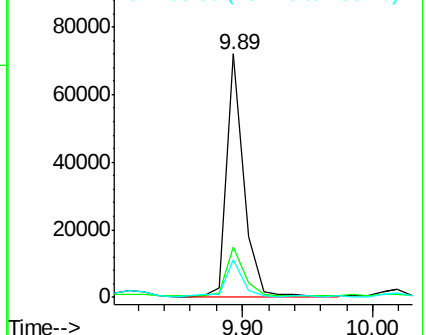
152 100

151 20.9 16.9 25.3

153 15.5 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 15.45 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

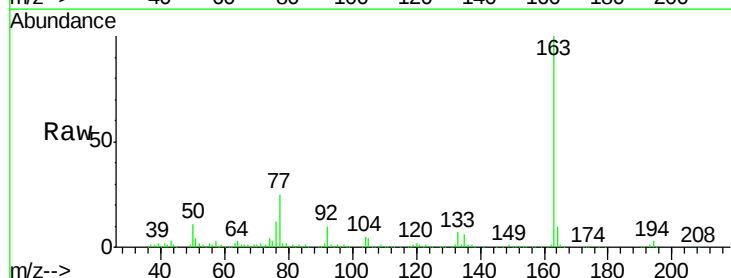
Tgt Ion:163 Resp: 266758

Ion Ratio Lower Upper

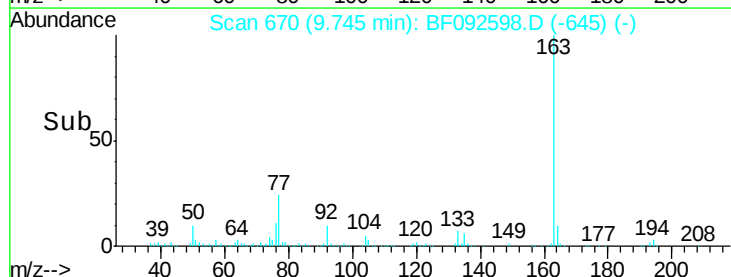
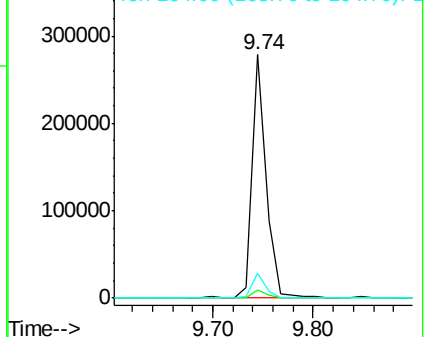
163 100

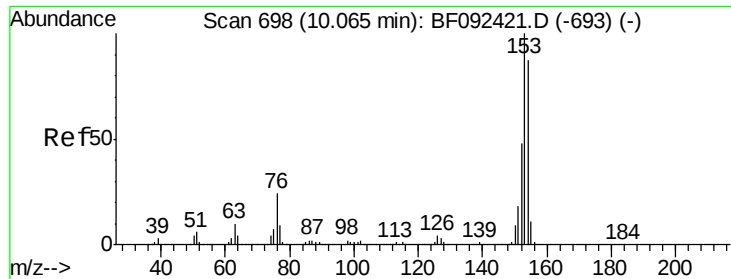
194 3.2 3.0 4.4

164 10.3 8.0 12.0



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





#51

Acenaphthene

Concen: 8.38 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

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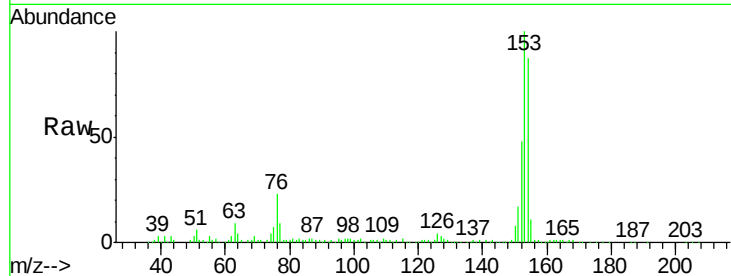
Tgt Ion:154 Resp: 122442

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

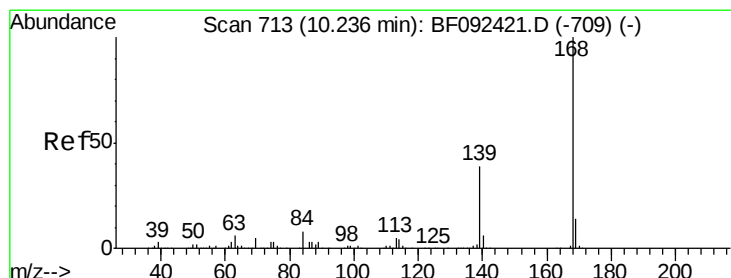
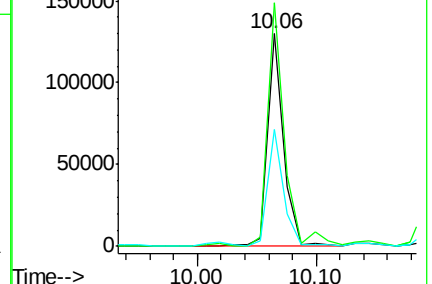
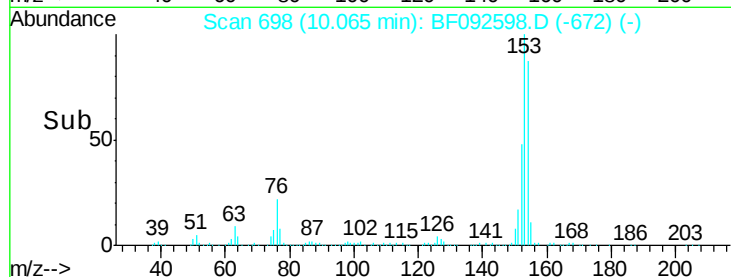
152 55.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 4.84 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

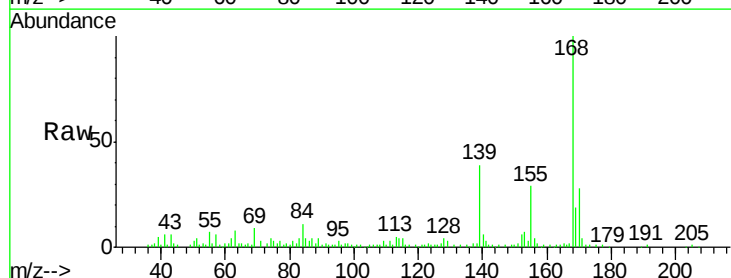
Tgt Ion:168 Resp: 96015

Ion Ratio Lower Upper

168 100

139 38.6 32.6 49.0

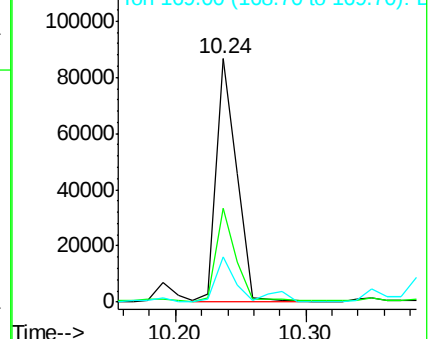
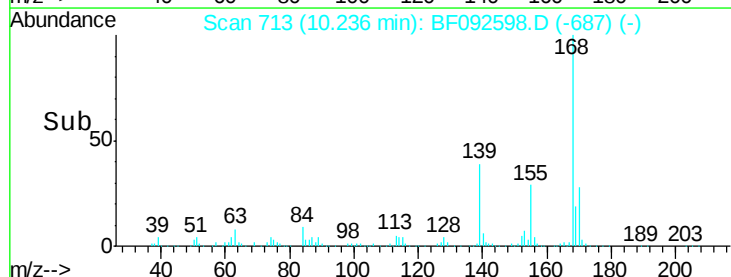
169 18.6 11.3 16.9#

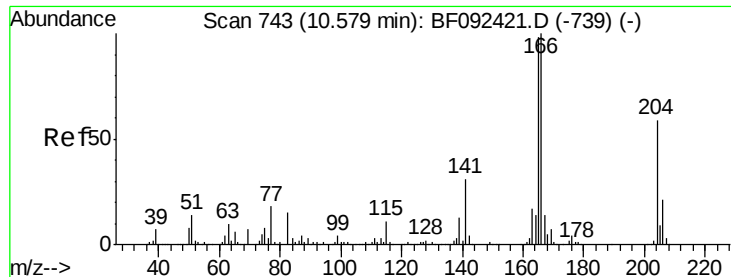


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

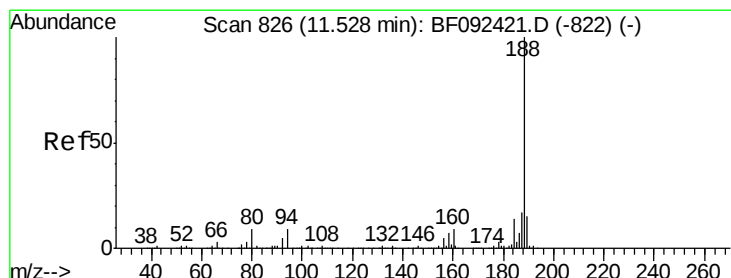
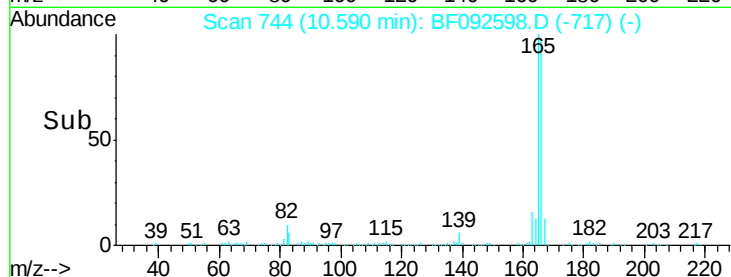
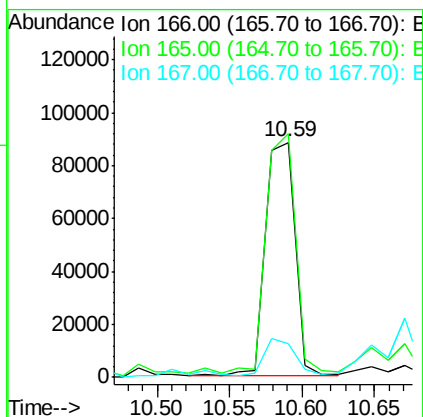
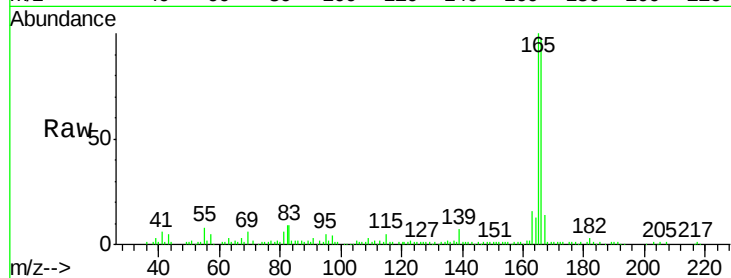




#57
Fluorene
 Concen: 8.44 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

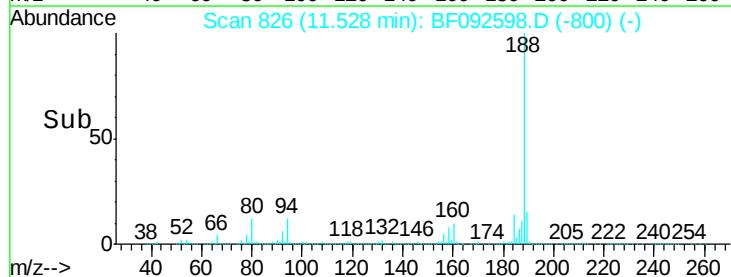
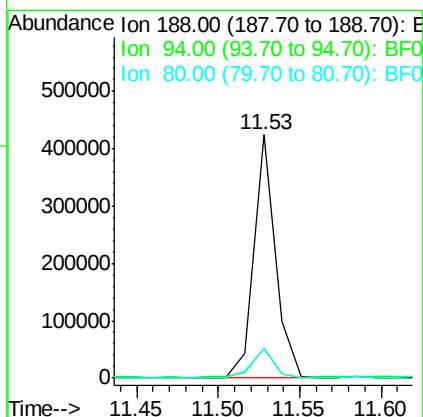
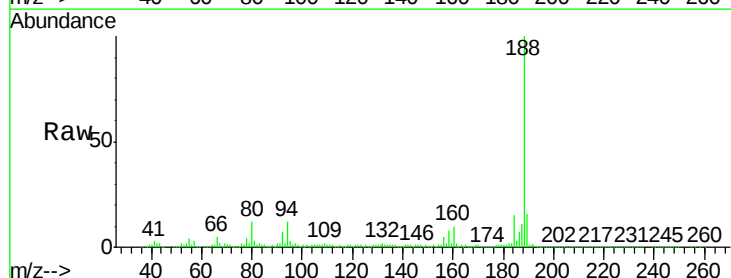
Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S4C4

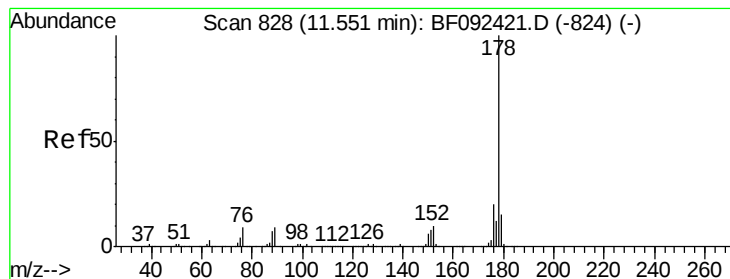
Tgt Ion:166 Resp: 124056
 Ion Ratio Lower Upper
 166 100
 165 103.6 77.8 116.8
 167 14.4 10.8 16.2



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

Tgt Ion:188 Resp: 391725
 Ion Ratio Lower Upper
 188 100
 94 12.1 10.0 15.0
 80 12.4 11.2 16.8





#70

Phenanthrene

Concen: 59.11 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

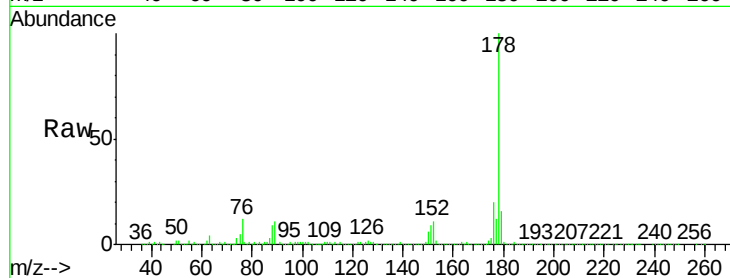
Tgt Ion:178 Resp: 1275207

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

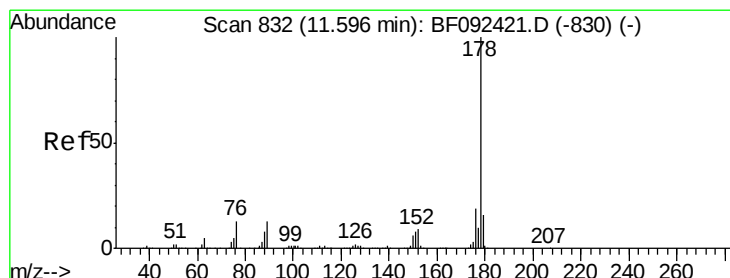
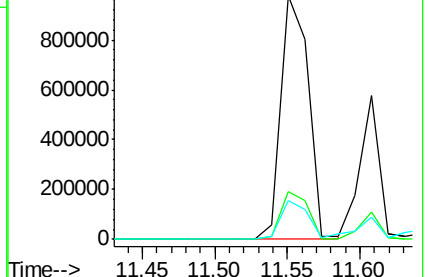
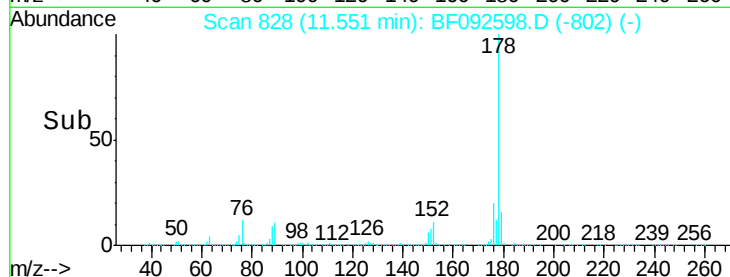
179 15.9 12.8 19.2



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



#71

Anthracene

Concen: 26.29 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

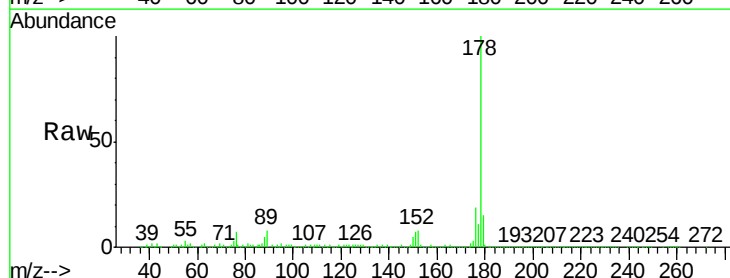
Tgt Ion:178 Resp: 554334

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

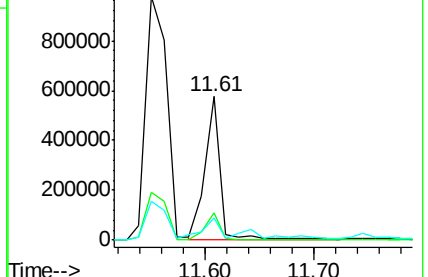
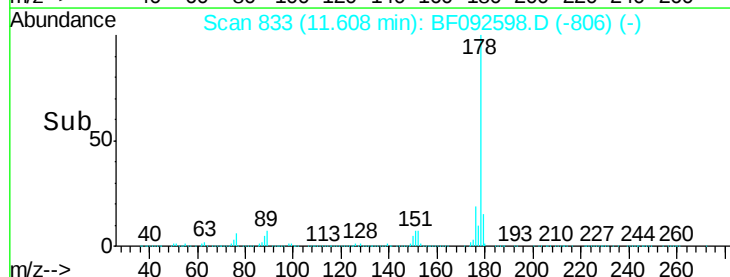
179 15.2 13.2 19.8

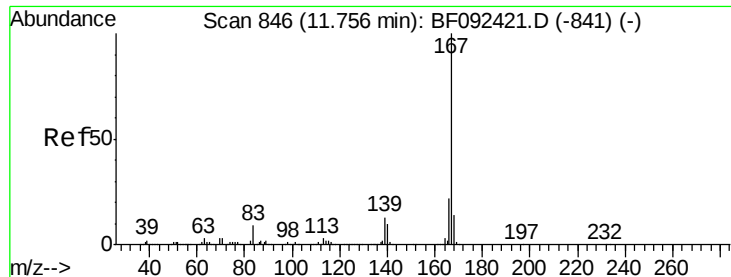


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.71 ng

RT: 11.77 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

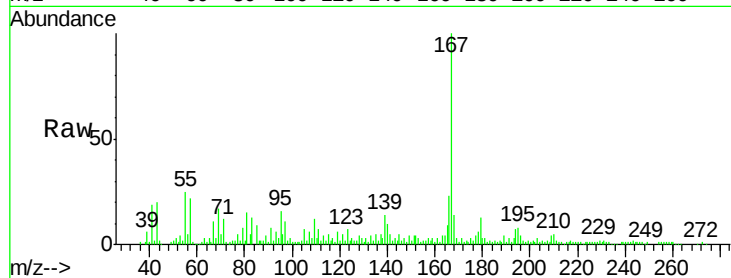
Tgt Ion:167 Resp: 94793

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

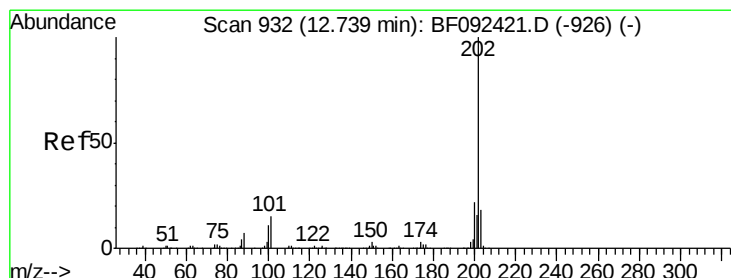
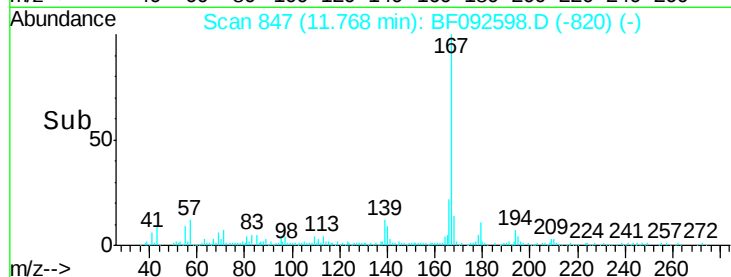
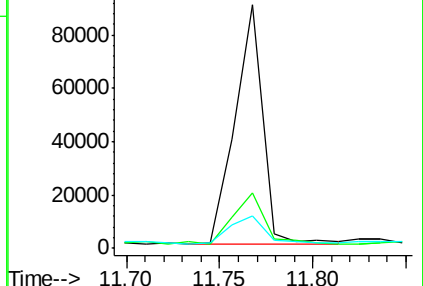
139 13.5 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 80.14 ng

RT: 12.75 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

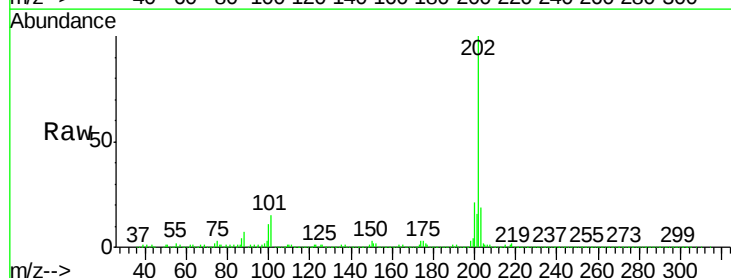
Tgt Ion:202 Resp: 1691043

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

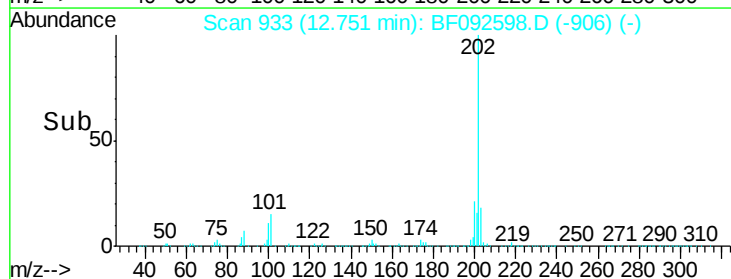
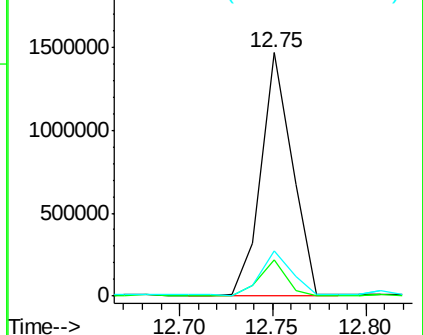
203 18.5 0.0 38.7

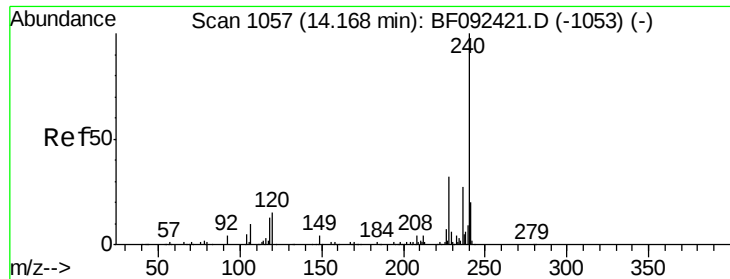


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.18 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

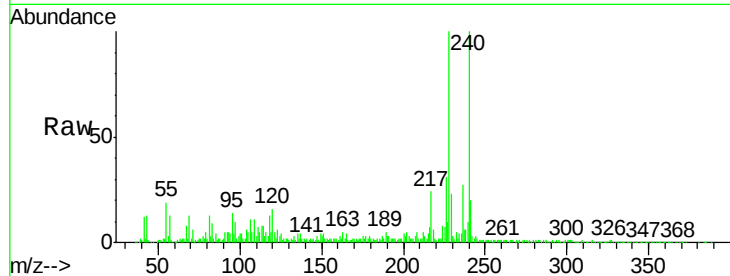
Tgt Ion:240 Resp: 275377

Ion Ratio Lower Upper

240 100

120 15.7 12.9 19.3

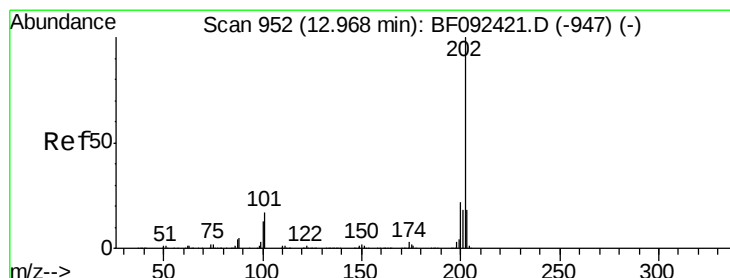
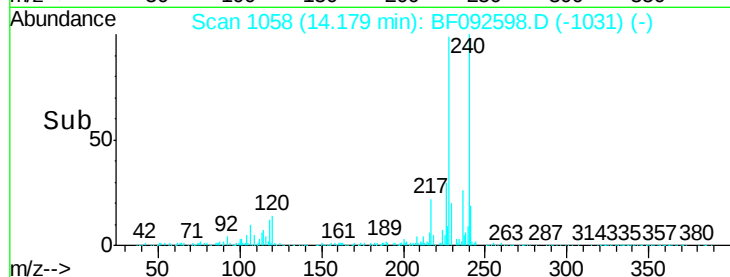
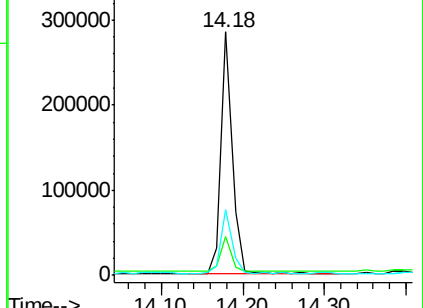
236 26.8 20.9 31.3



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



#77

Pyrene

Concen: 86.33 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

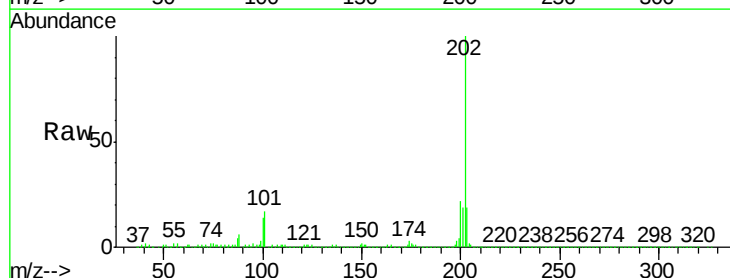
Tgt Ion:202 Resp: 1722510

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

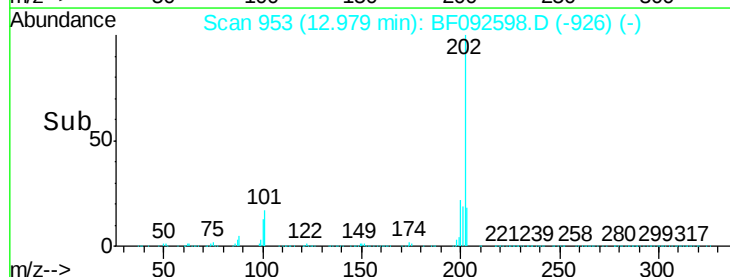
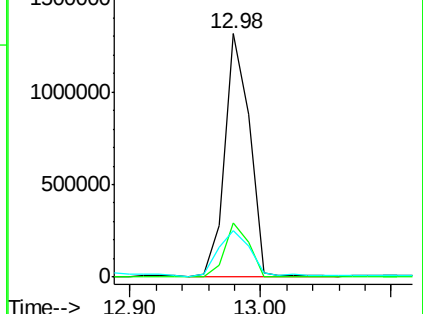
203 18.9 14.7 22.1

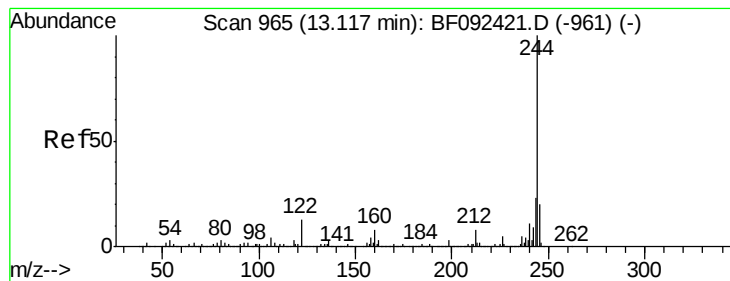


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 121.98 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

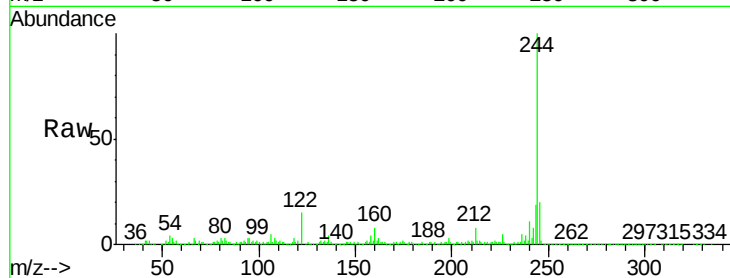
Tgt Ion:244 Resp: 1261425

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

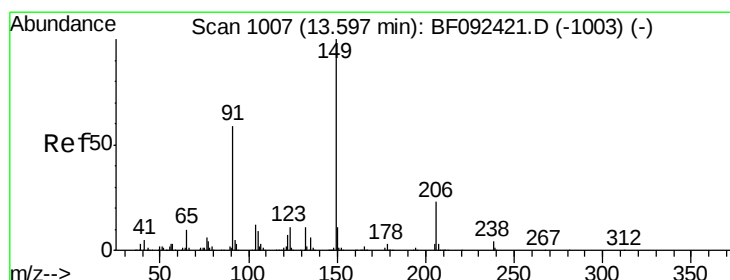
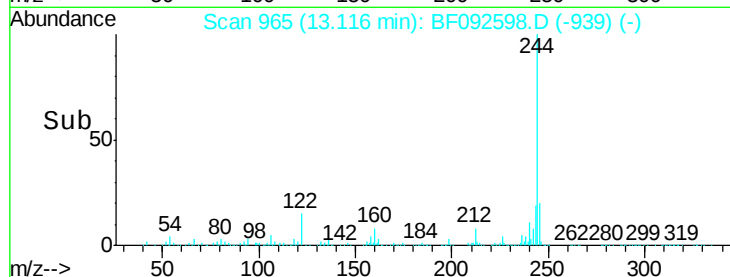
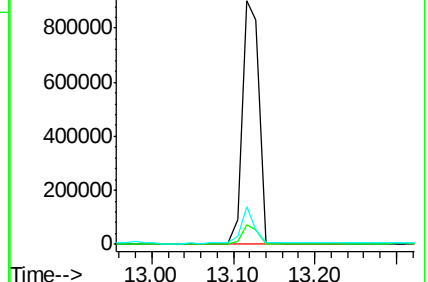
122 15.3 11.4 17.2



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: 4.56 ng

RT: 13.60 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

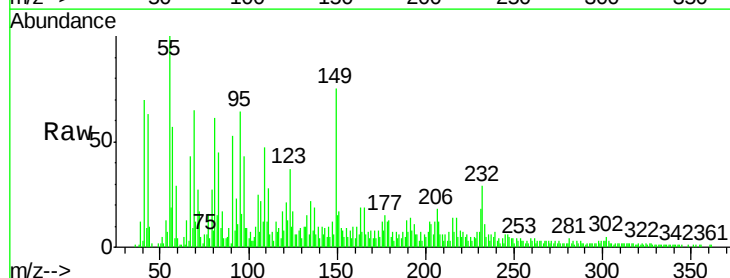
Tgt Ion:149 Resp: 36845

Ion Ratio Lower Upper

149 100

91 70.7 63.9 95.9

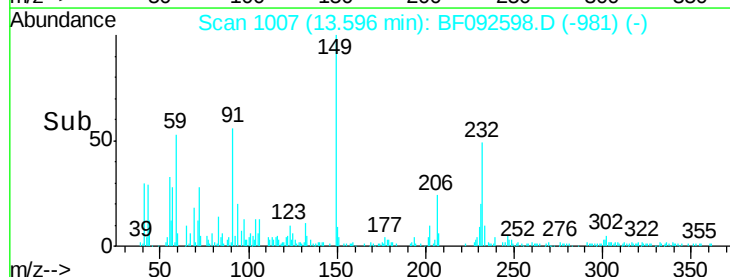
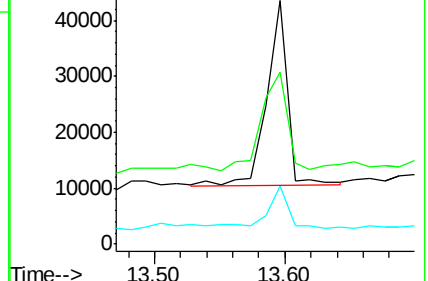
206 24.0 14.6 21.8#

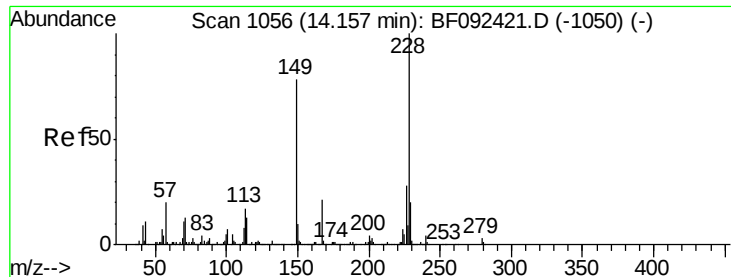


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

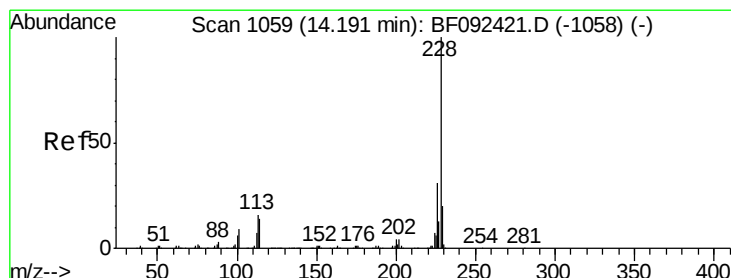
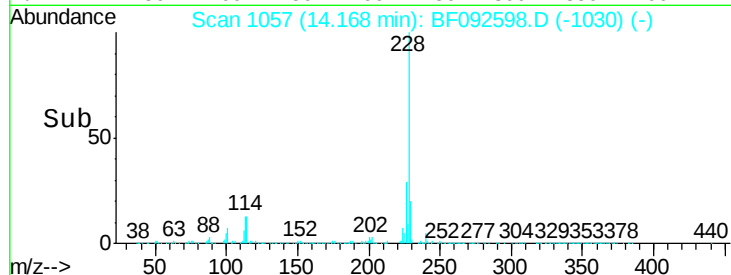
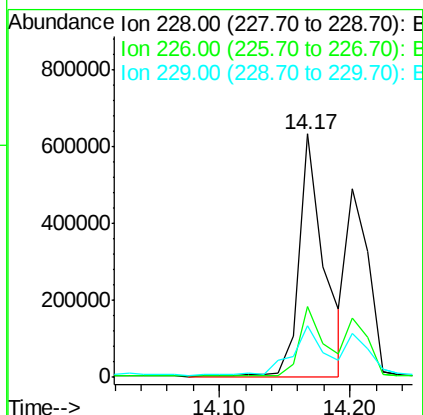
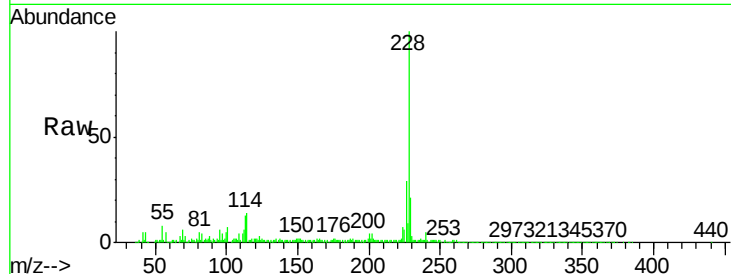




#80
Benzo(a)anthracene
Concen: 56.12 ng
RT: 14.17 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF092598.D
Acq: 28 Jan 2017 1:33

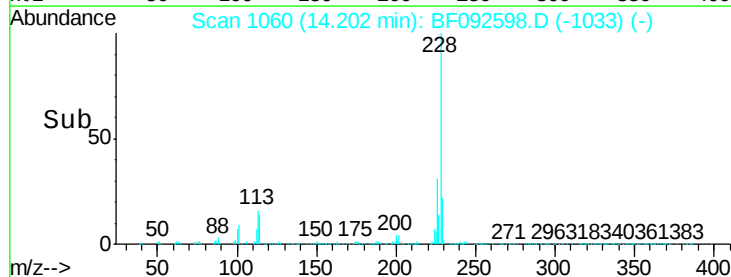
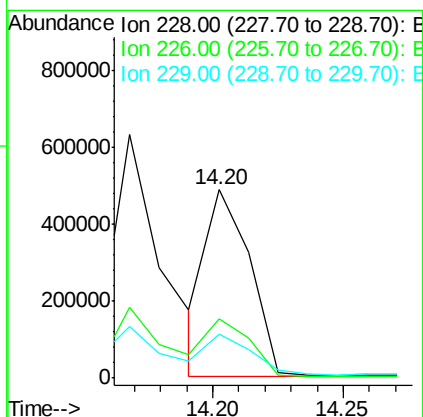
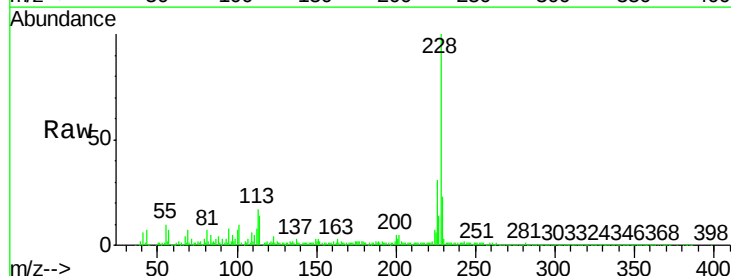
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S4C4

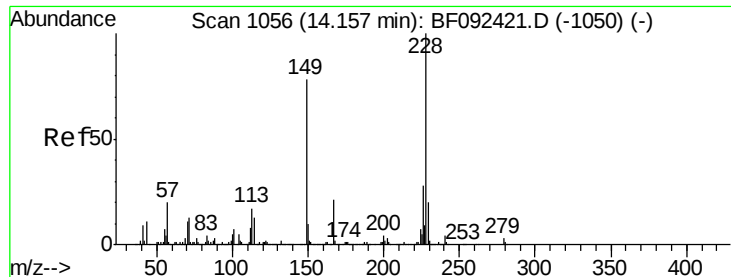
Tgt Ion: 228 Resp: 830530
Ion Ratio Lower Upper
228 100
226 29.3 22.4 33.6
229 21.2 16.2 24.4



#82
Chrysene
Concen: 35.85 ng
RT: 14.20 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF092598.D
Acq: 28 Jan 2017 1:33

Tgt Ion: 228 Resp: 566605
Ion Ratio Lower Upper
228 100
226 31.3 25.4 38.0
229 23.2 16.2 24.2

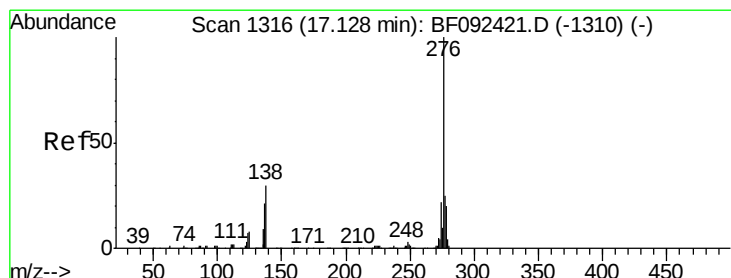
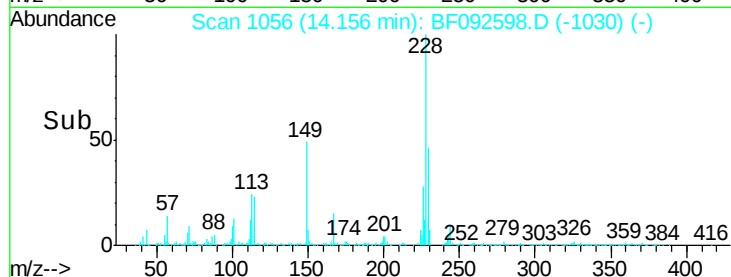
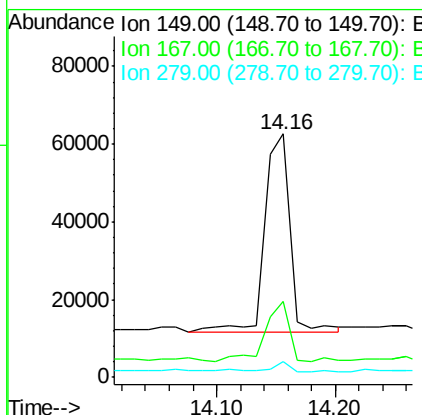
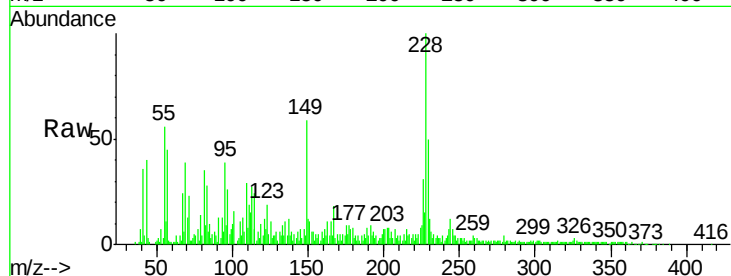




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.42 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

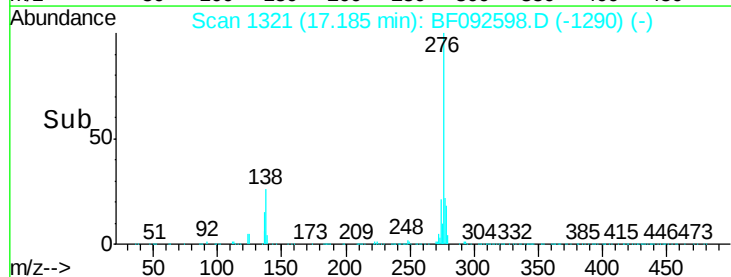
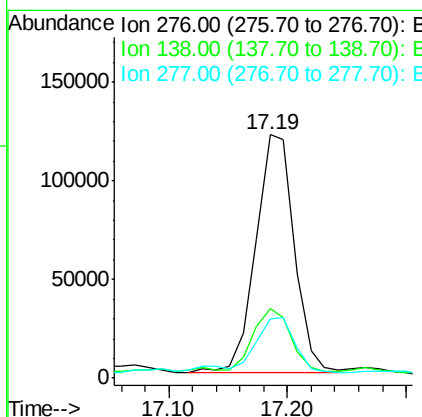
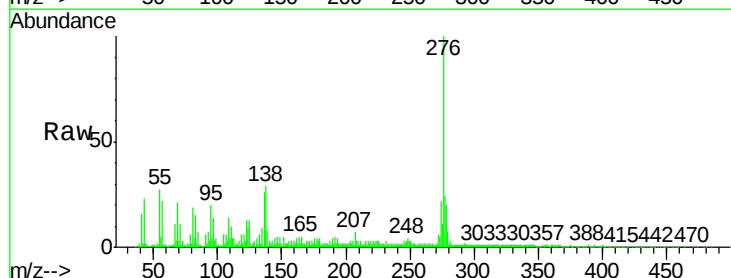
Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S4C4

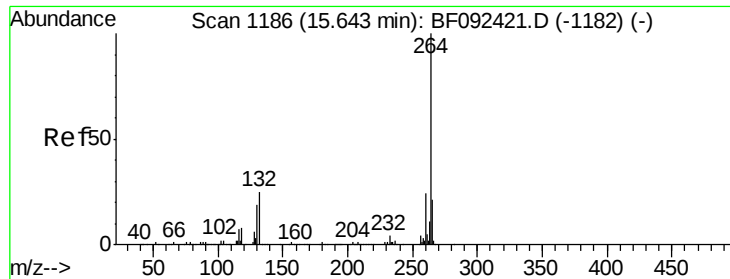
Tgt Ion:149 Resp: 75567
 Ion Ratio Lower Upper
 149 100
 167 31.2 20.2 30.4#
 279 6.6 1.8 2.8#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.14 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.06 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

Tgt Ion:276 Resp: 270548
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.8 32.6
 277 26.6 20.2 30.4

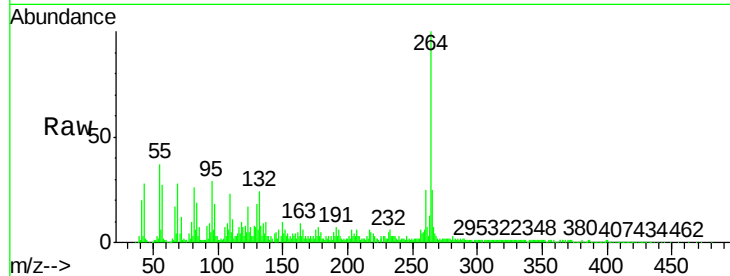




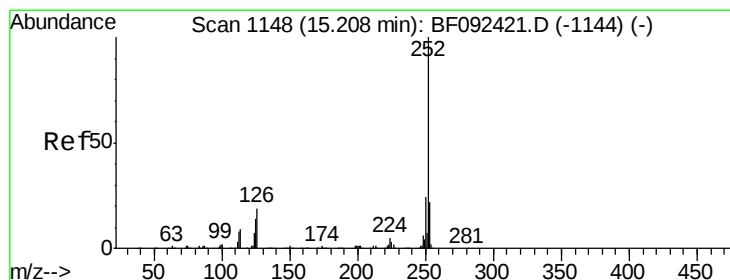
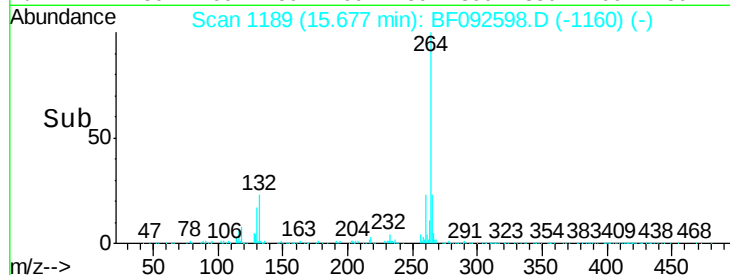
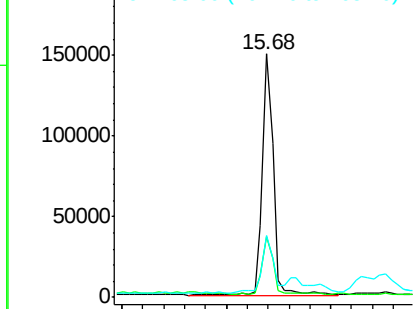
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1189
Delta R.T. 0.03 min
Lab File: BF092598.D
Acq: 28 Jan 2017 1:33

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S4C4

Tgt Ion: 264 Resp: 217474
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 25.2 17.4 26.0

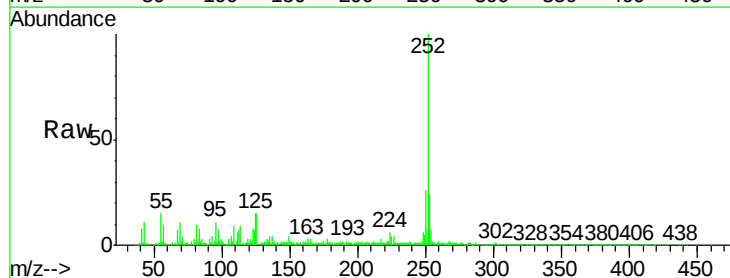


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

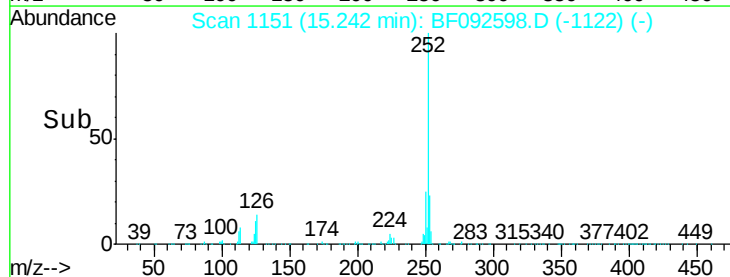
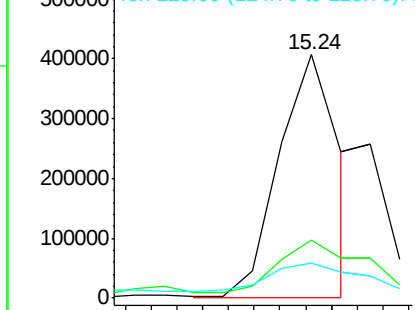


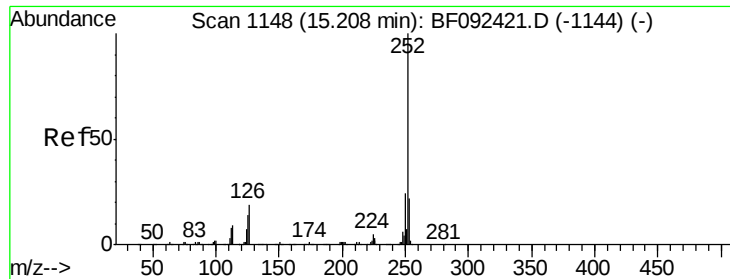
#87
Benzo(b)fluoranthene
Concen: 47.23 ng m
RT: 15.24 min Scan# 1151
Delta R.T. 0.03 min
Lab File: BF092598.D
Acq: 28 Jan 2017 1:33

Tgt Ion: 252 Resp: 659428
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.4
125 14.6 9.8 14.6



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: 20.27 ng m

RT: 15.27 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

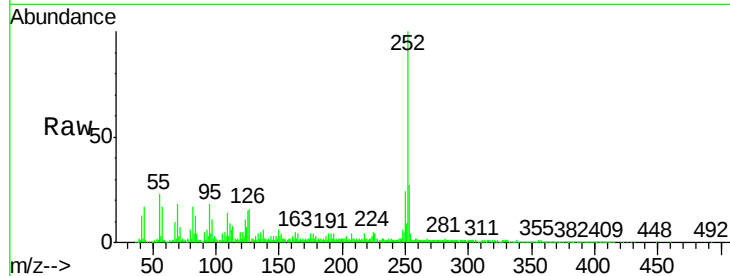
Tgt Ion:252 Resp: 235291

Ion Ratio Lower Upper

252 100

253 26.5 18.5 27.7

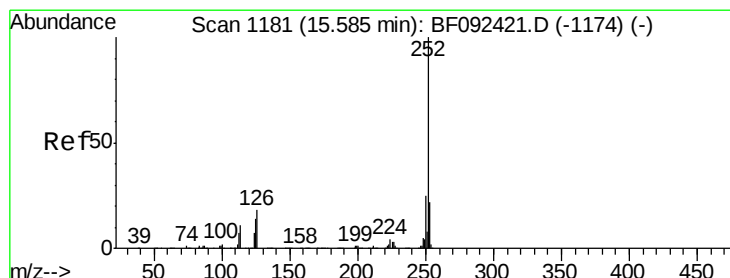
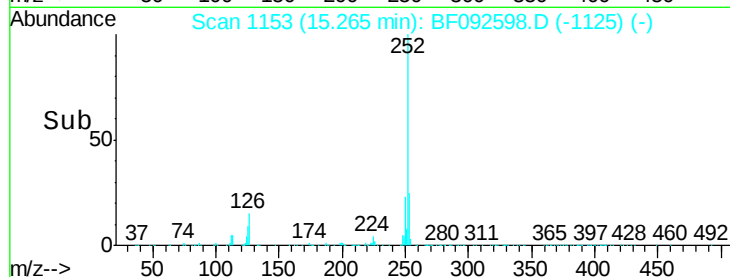
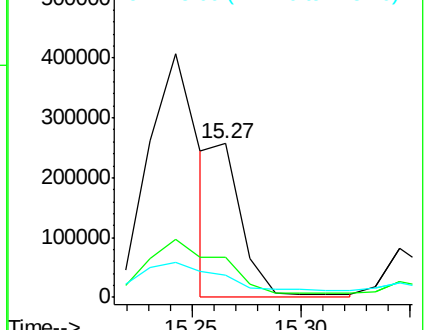
125 14.6 8.9 13.3#



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



#89

Benzo(a)pyrene

Concen: 39.51 ng

RT: 15.62 min Scan# 1184

Delta R.T. 0.03 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

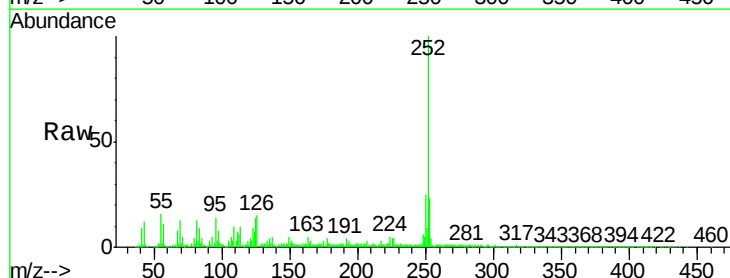
Tgt Ion:252 Resp: 466590

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

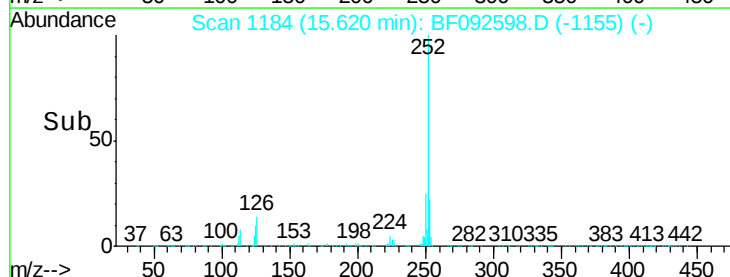
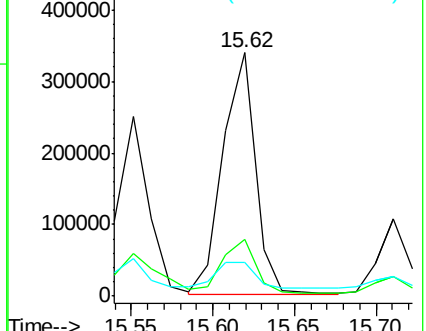
125 13.8 10.0 15.0

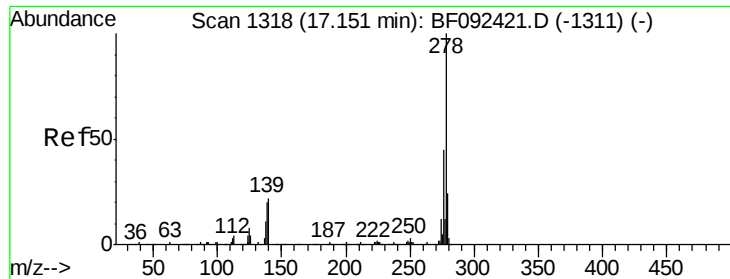


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 6.44 ng

RT: 17.20 min Scan# 1322

Delta R.T. 0.05 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

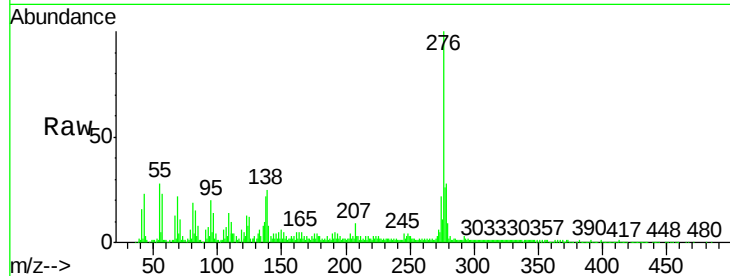
Tgt Ion:278 Resp: 61504

Ion Ratio Lower Upper

278 100

139 30.6 14.8 22.2#

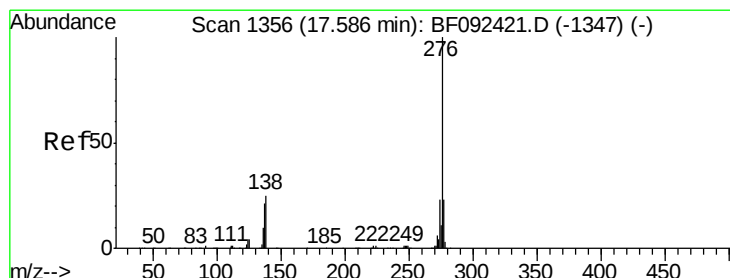
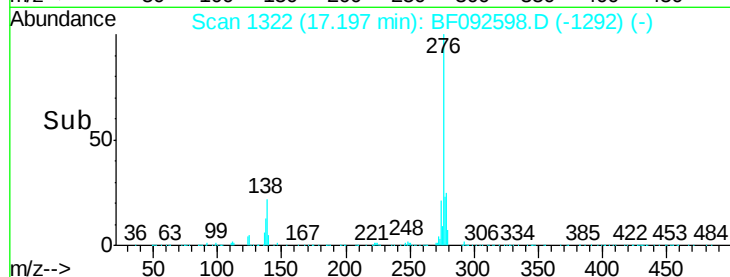
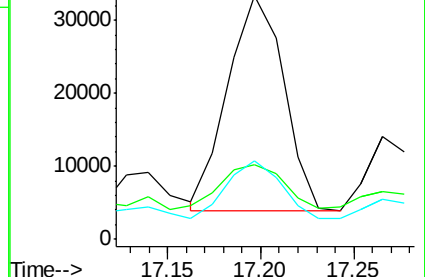
279 32.4 19.8 29.6#



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: 28.36 ng

RT: 17.65 min Scan# 1362

Delta R.T. 0.07 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

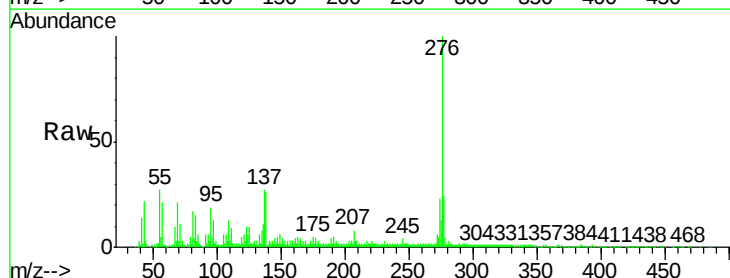
Tgt Ion:276 Resp: 273924

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 26.3 16.0 24.0#



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

