

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 04:15:31 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						
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

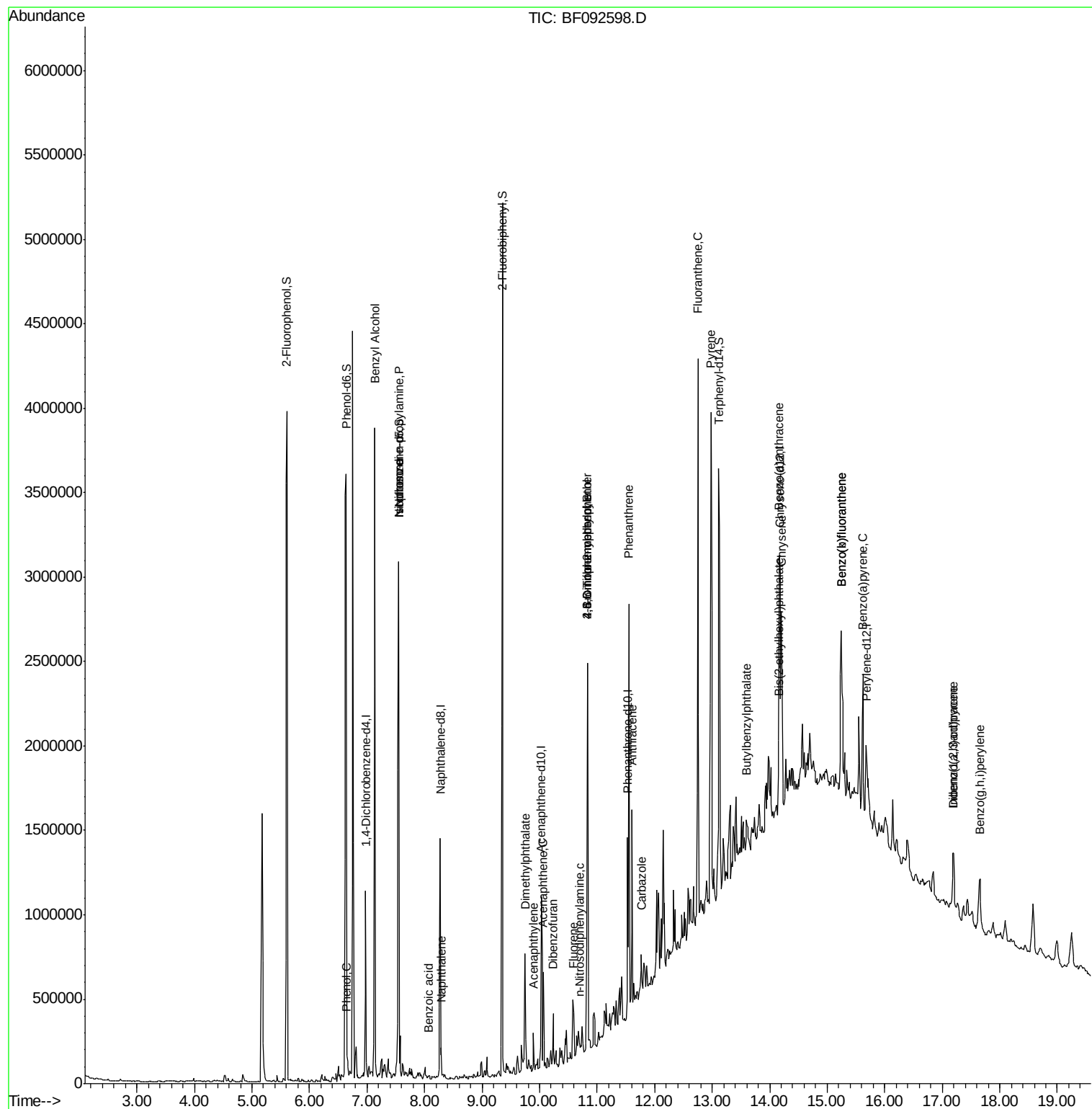
Target Compounds						Qvalue
10) Phenol	6.65	94	56007	3.28	ng	# 59
15) Benzyl Alcohol	7.14	79	22842	2.14	ng	# 24
19) n-Nitroso-di-n-propylamine	7.55	70	174657	18.14	ng	# 78
25) Isophorone	7.55	82	1122514	48.57	ng	# 65
31) Naphthalene	8.29	128	84875	2.59	ng	98
32) Benzoic acid	8.06	122	1306	4.84	ng	# 47
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
64) 4,6-Dinitro-2-methylphenol	10.83	198	759	5.27	ng	# 1
65) n-Nitrosodiphenylamine	10.69	169	28154	2.30	ng	90
66) 4-Bromophenyl-phenylether	10.83	248	18527	4.68	ng	# 1
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	873637	62.58	ng	96
88) Benzo(k)fluoranthene	15.24	252	872754	75.18	ng	# 96
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

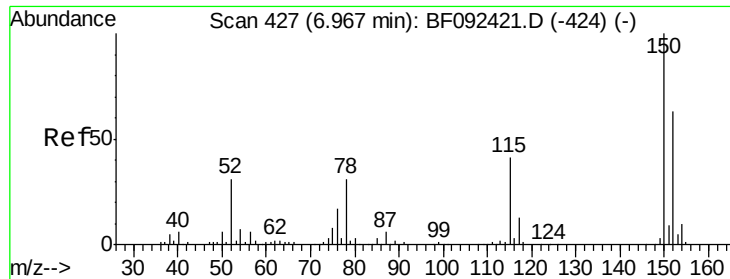
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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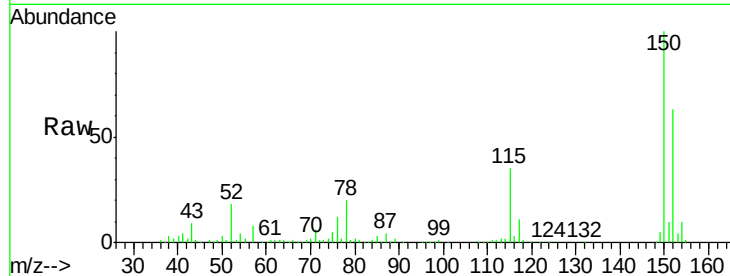




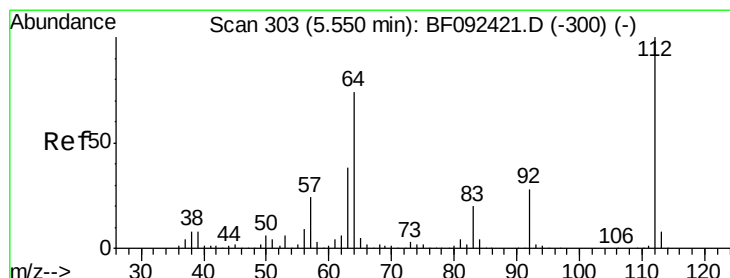
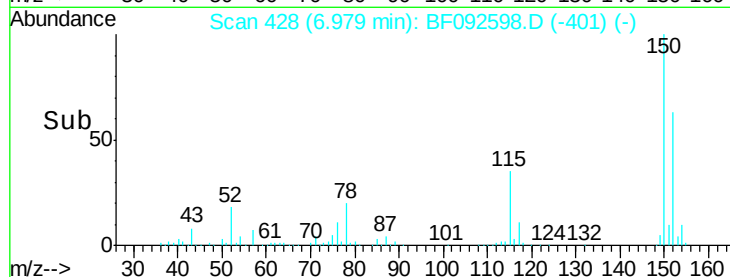
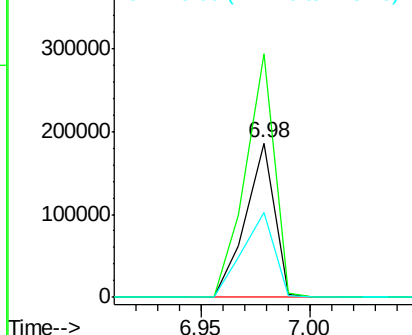
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

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

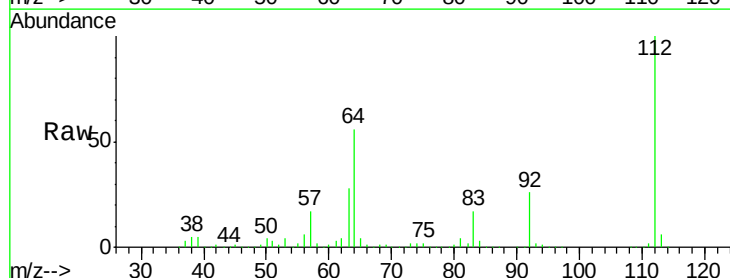


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

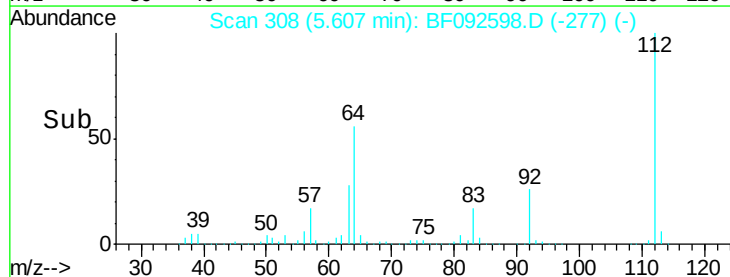
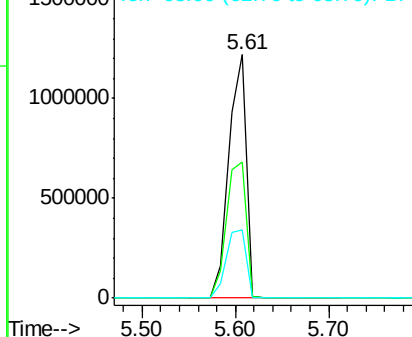


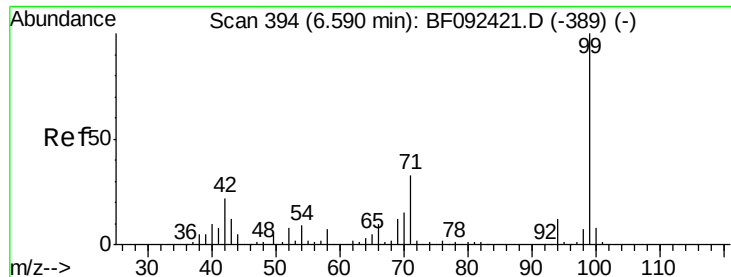
#5
 2-Fluorophenol
 Concen: 144.37 ng
 RT: 5.61 min Scan# 308
 Delta R.T. 0.06 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

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

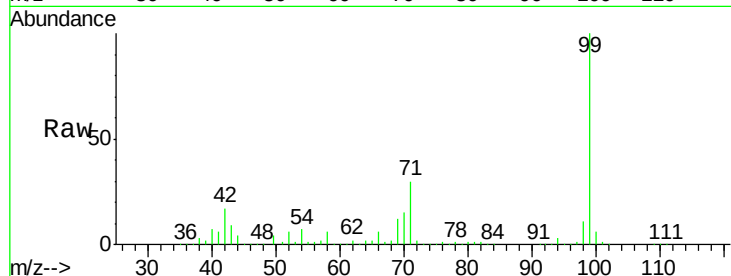
Tgt Ion: 99 Resp: 2008642

Ion Ratio Lower Upper

99 100

42 16.6 15.6 23.4

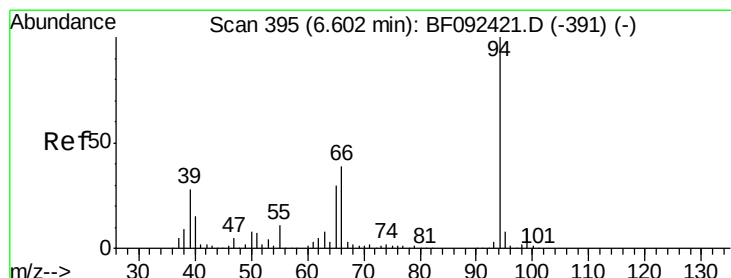
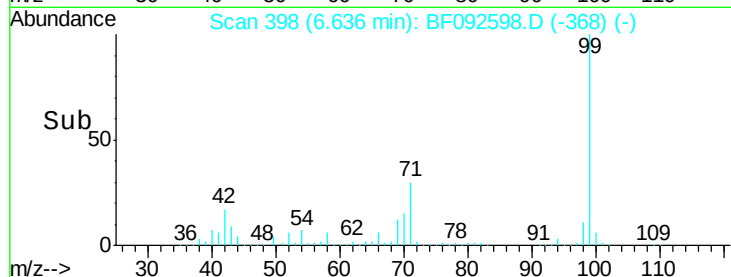
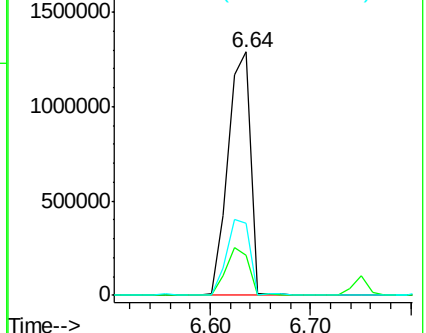
71 29.5 27.5 41.3



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

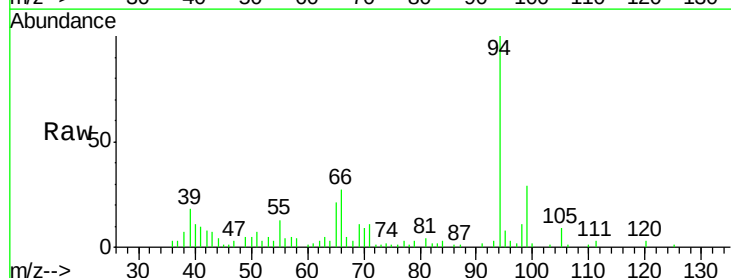
Tgt Ion: 94 Resp: 56007

Ion Ratio Lower Upper

94 100

65 21.4 21.4 61.4

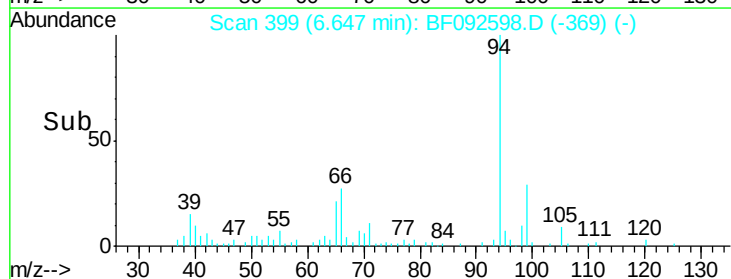
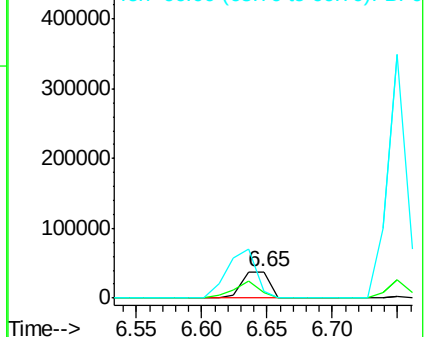
66 27.3 44.0 84.0#

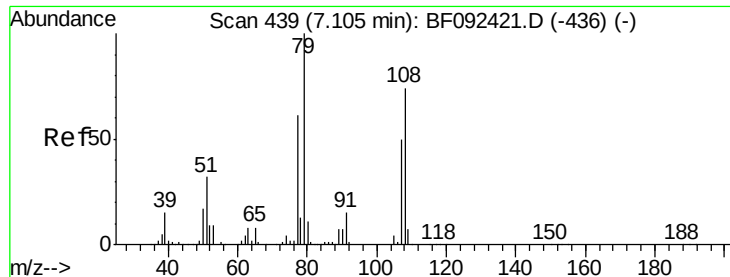


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.03 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

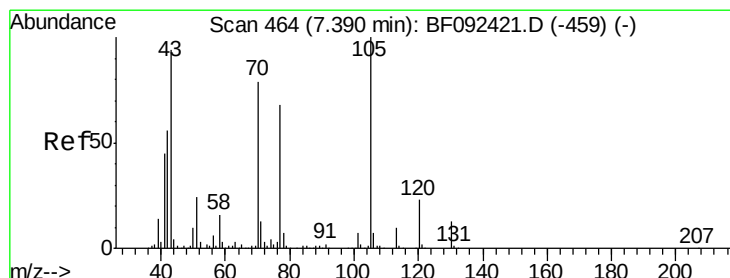
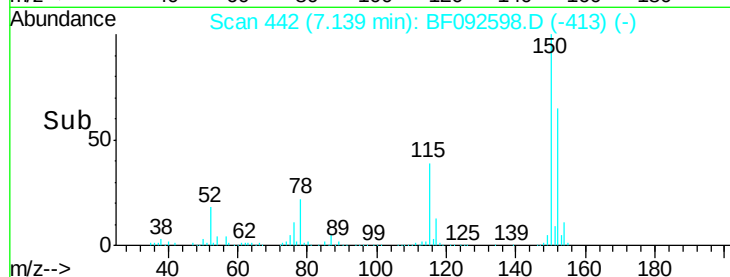
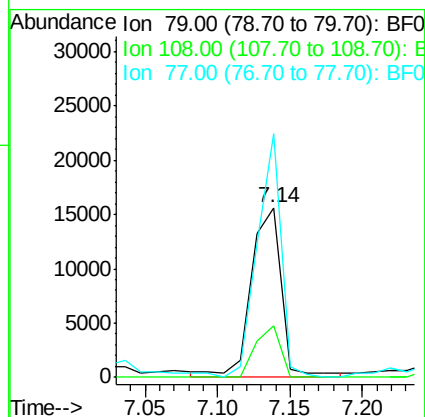
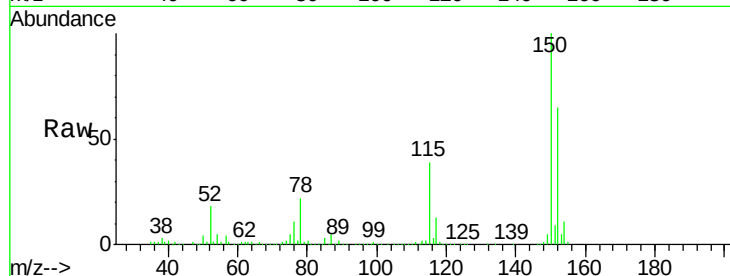
Tgt Ion: 79 Resp: 22842

Ion Ratio Lower Upper

79 100

108 30.4 61.4 92.0#

77 143.3 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 18.14 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.16 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Tgt Ion: 70 Resp: 174657

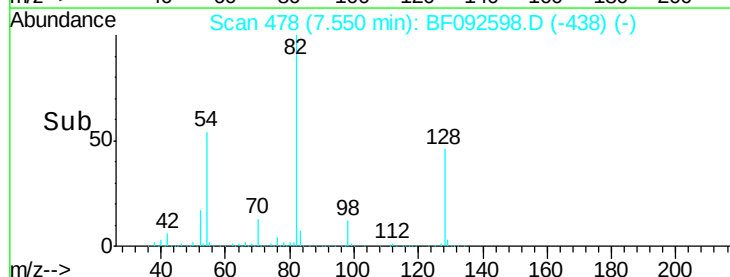
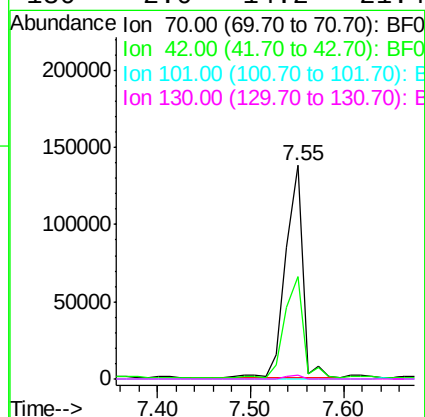
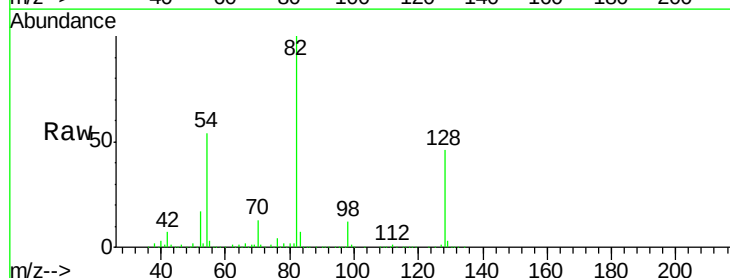
Ion Ratio Lower Upper

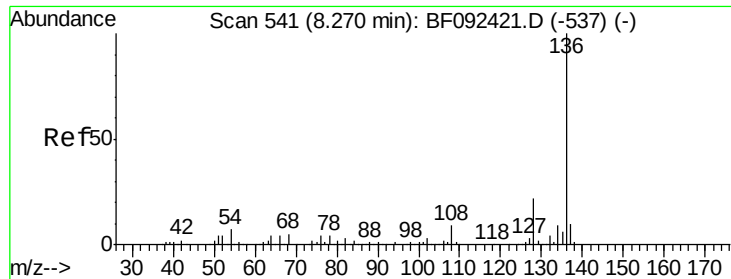
70 100

42 48.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

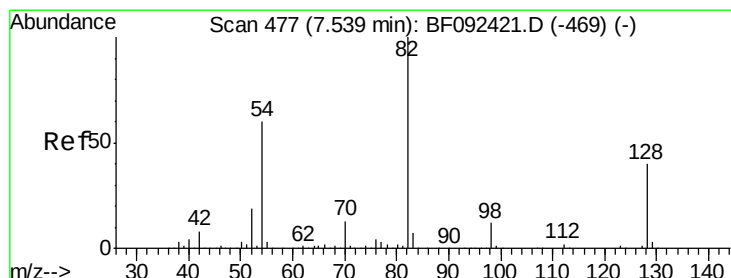
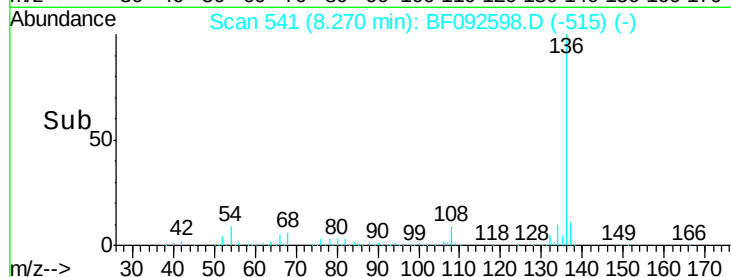
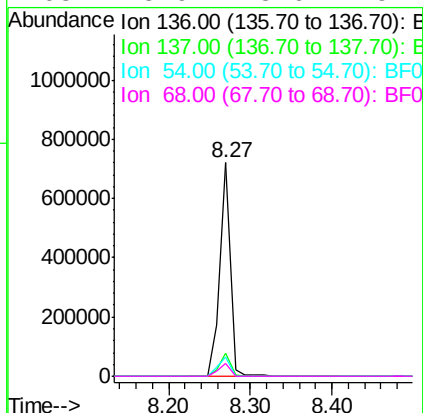
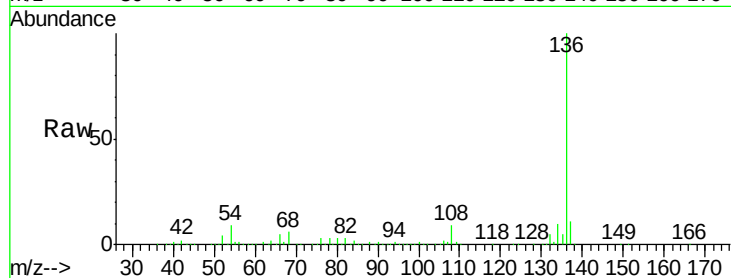




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092598.D
Acq: 28 Jan 2017 1:33

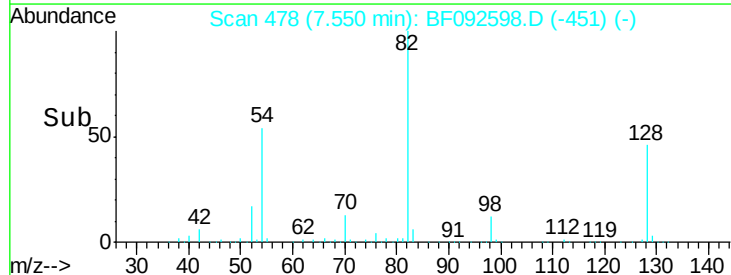
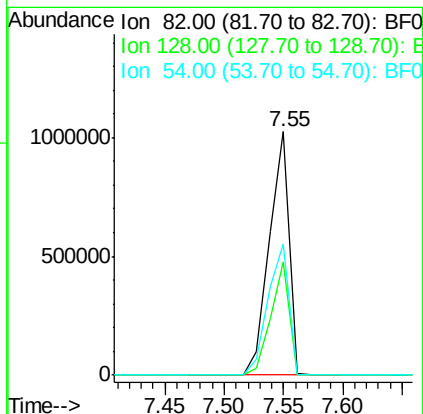
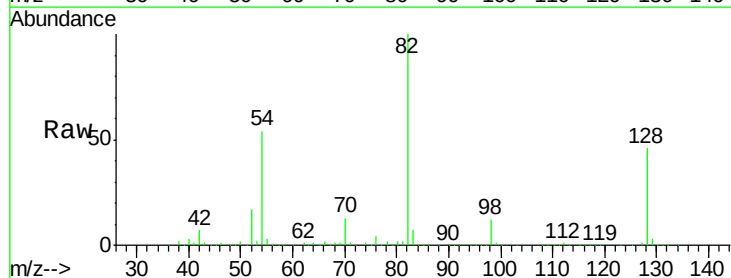
Instrument :
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ClientSampleId :
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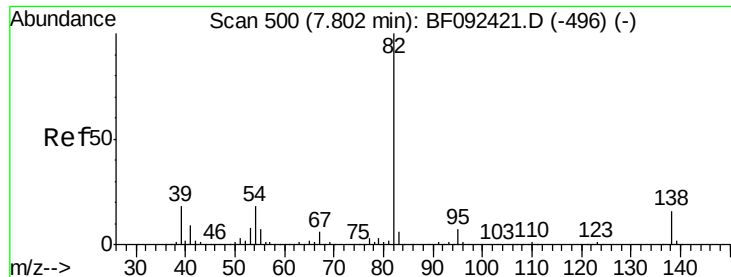
Tgt Ion:	136	Resp:	640639
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	8.8	4.5	6.7#
68	5.9	3.6	5.4#



#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





#25

Isophorone

Concen: 48.57 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.25 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

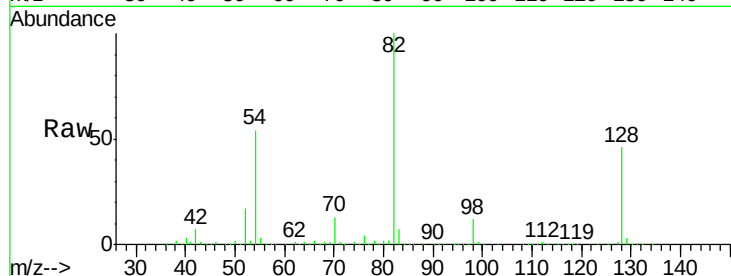
Tgt Ion: 82 Resp: 1122514

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

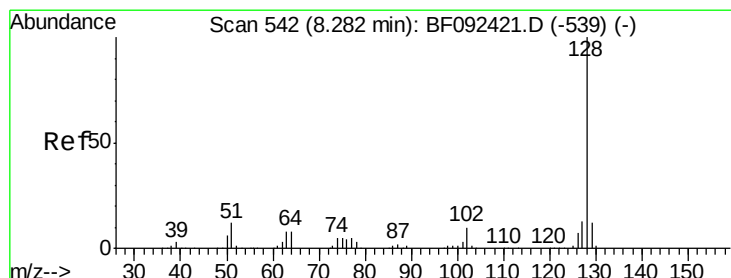
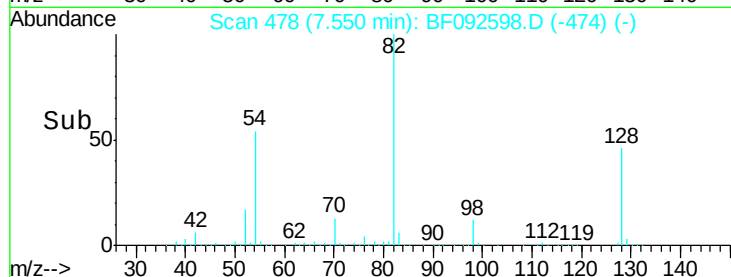
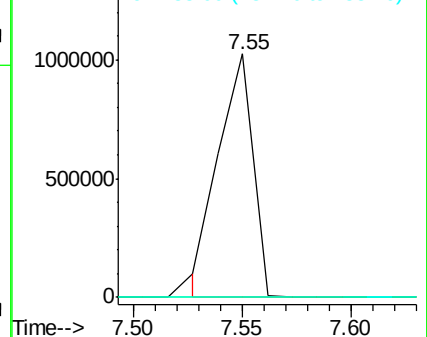
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#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

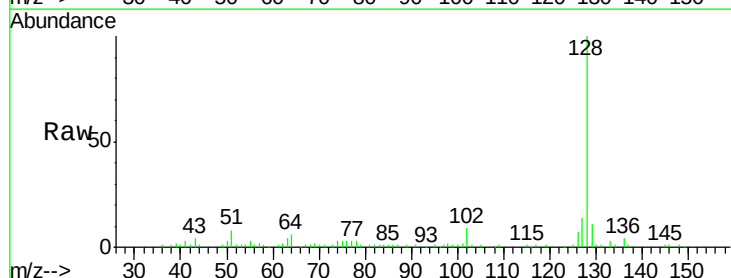
Tgt Ion: 128 Resp: 84875

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

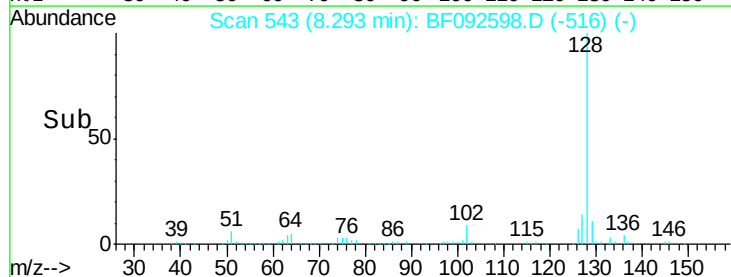
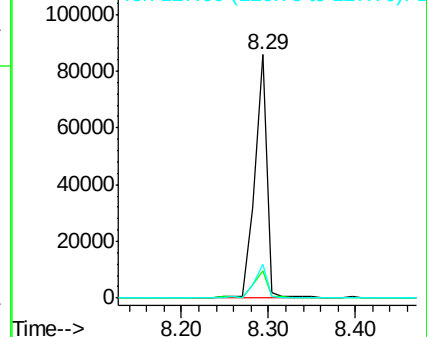
127 13.9 10.8 16.2

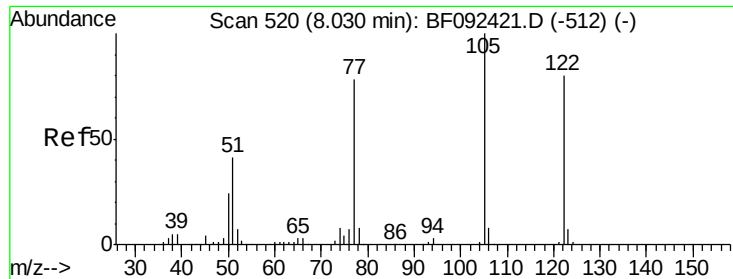


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

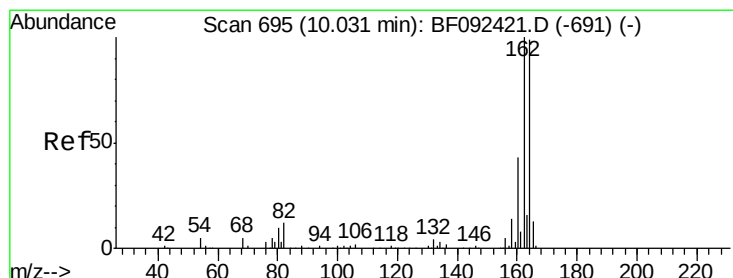
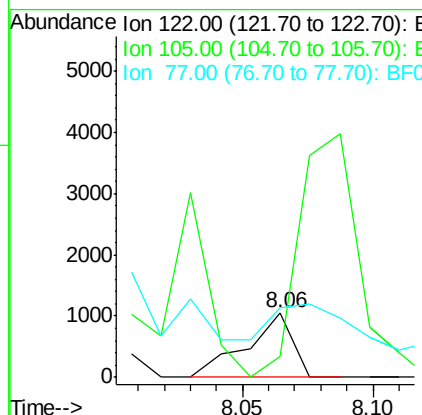
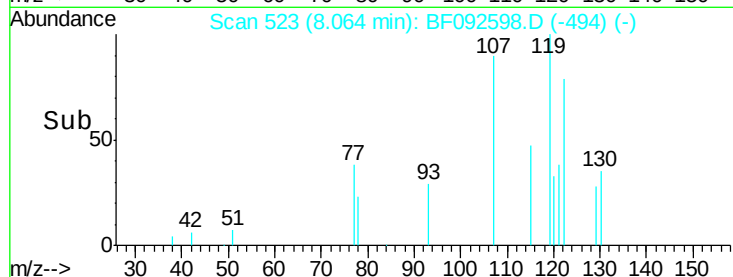
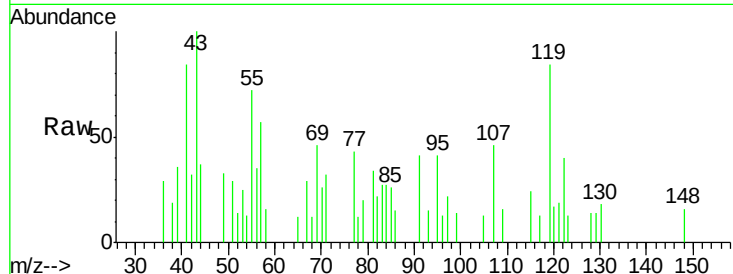




#32
Benzoic acid
Concen: 4.84 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.03 min
Lab File: BF092598.D
Acq: 28 Jan 2017 1:33

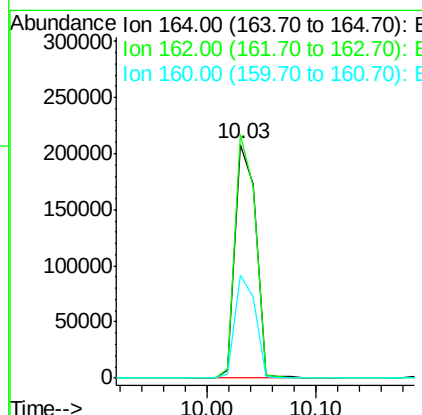
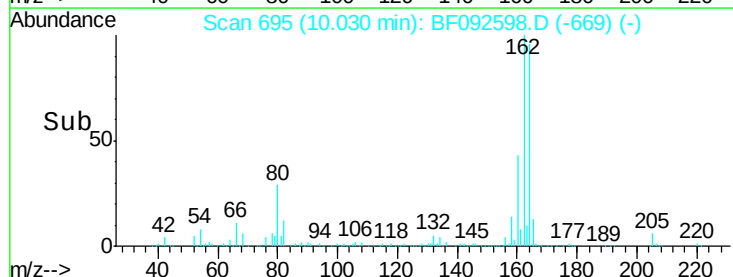
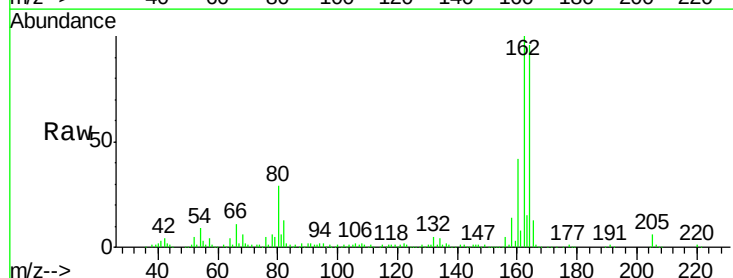
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S4C4

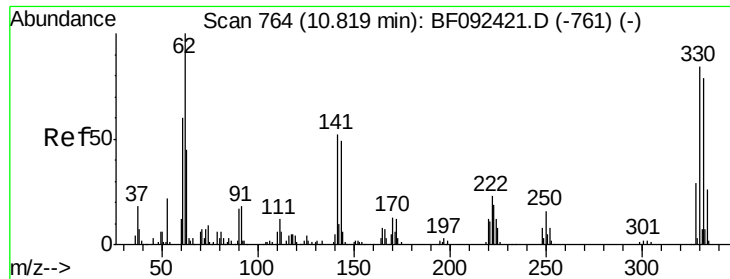
Tgt Ion:122 Resp: 1306
Ion Ratio Lower Upper
122 100
105 31.6 107.2 147.2#
77 107.2 74.5 114.5



#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

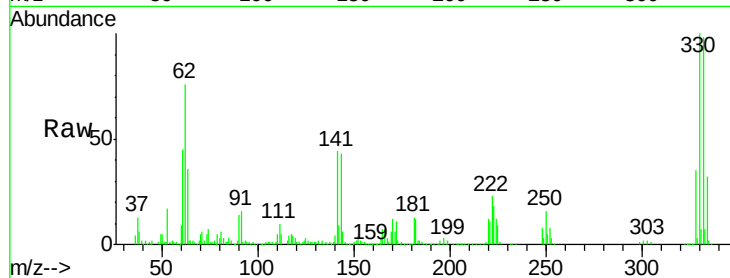




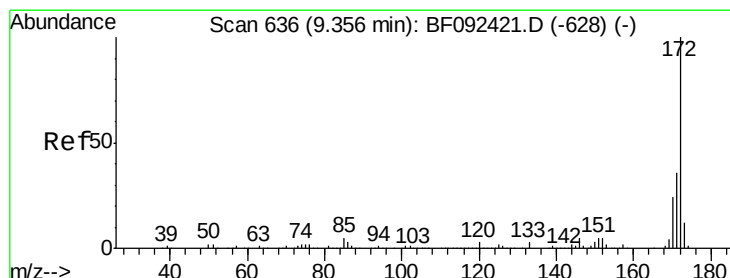
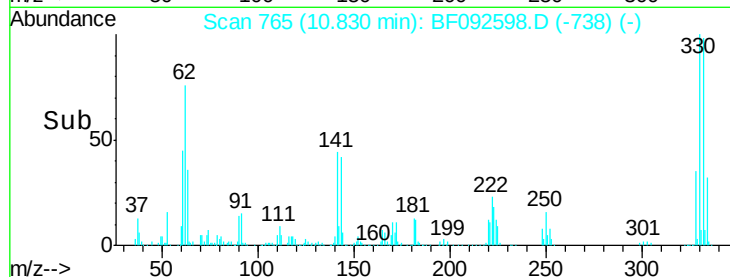
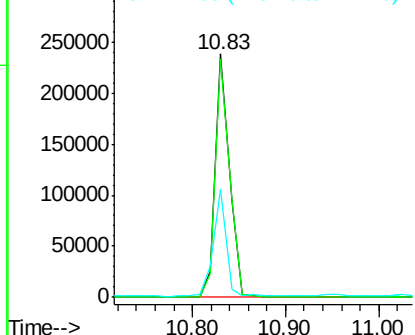
#41
 2,4,6-Tribromophenol
 Concen: 135.88 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :
 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

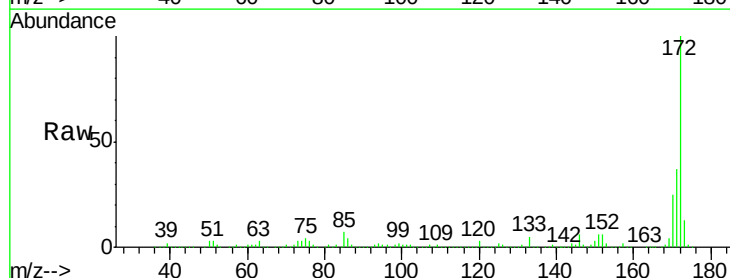


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

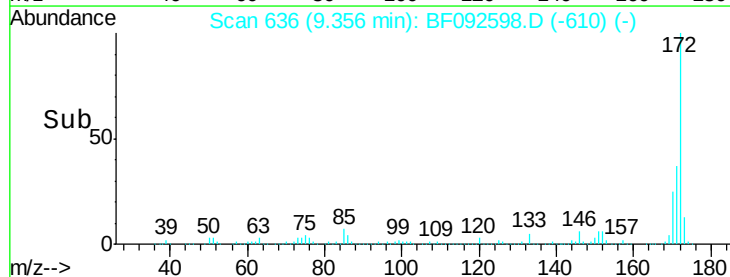
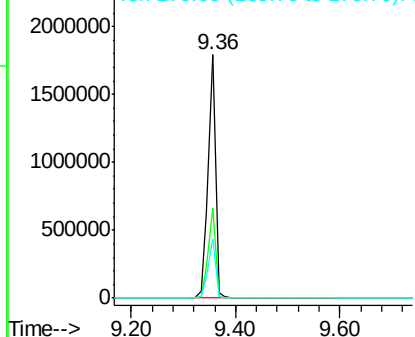


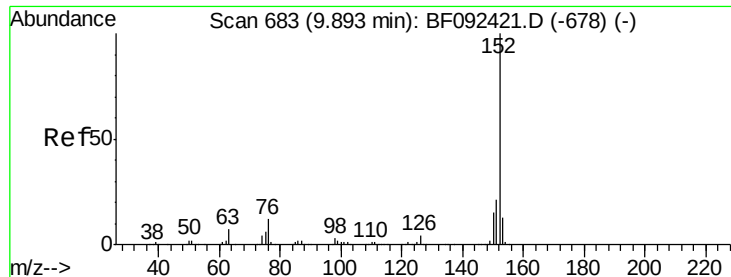
#44
 2-Fluorobiphenyl
 Concen: 119.86 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

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

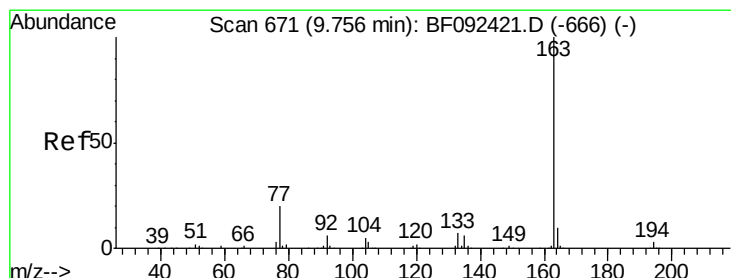
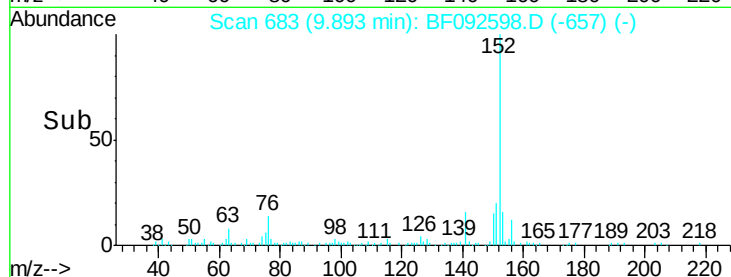
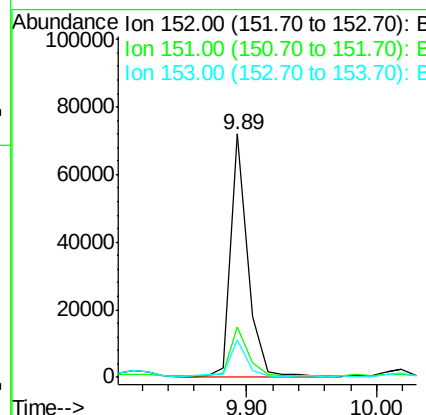
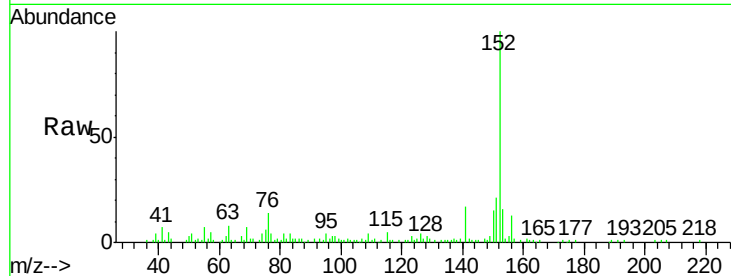




#48
Acenaphthylene
Concen: 2.89 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092598.D
Acq: 28 Jan 2017 1:33

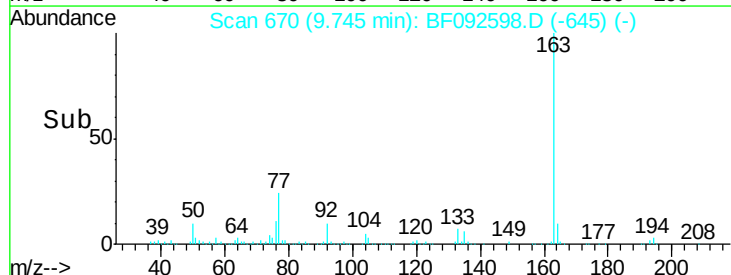
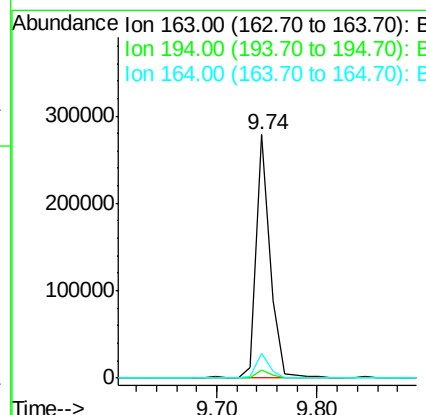
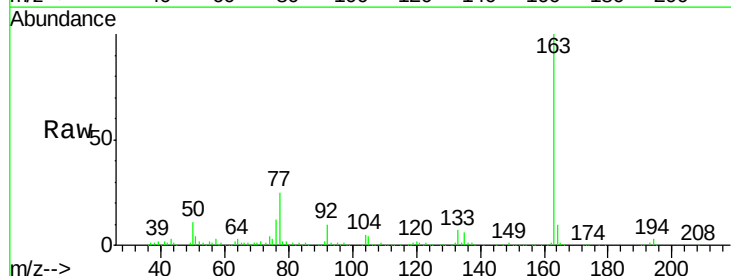
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S4C4

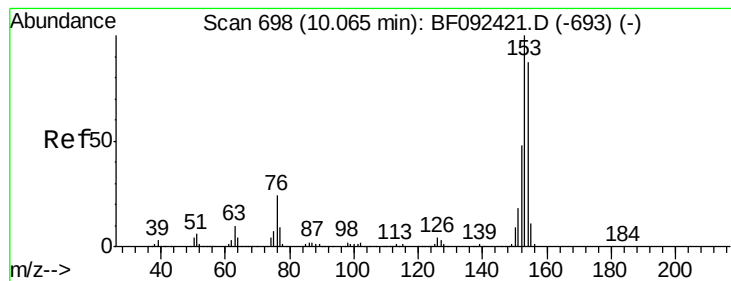
Tgt Ion:152 Resp: 67866
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 15.5 11.4 17.2



#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





#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

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

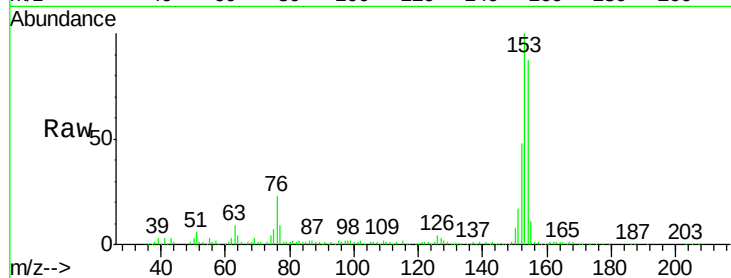
Tgt Ion:154 Resp: 122442

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

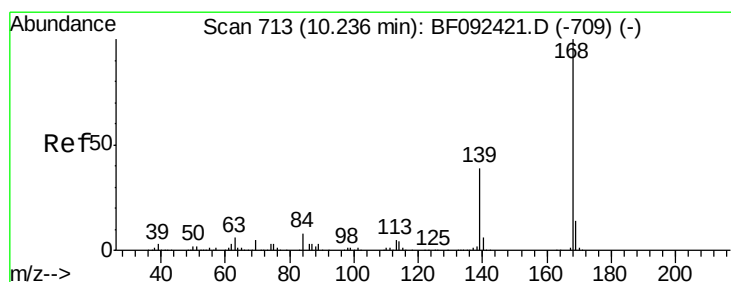
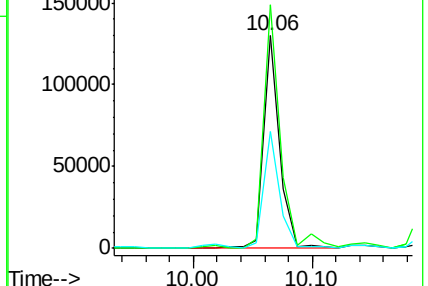
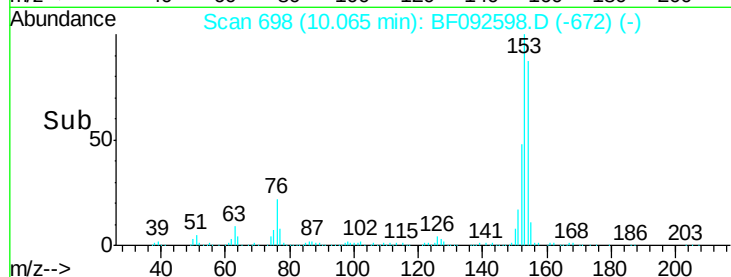
152 55.2 41.6 62.4



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

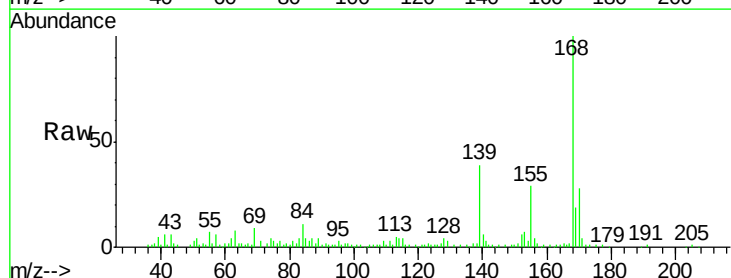
Tgt Ion:168 Resp: 96015

Ion Ratio Lower Upper

168 100

139 38.6 32.6 49.0

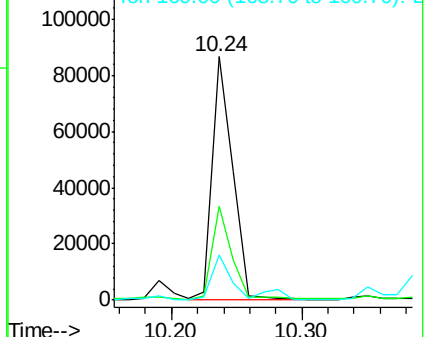
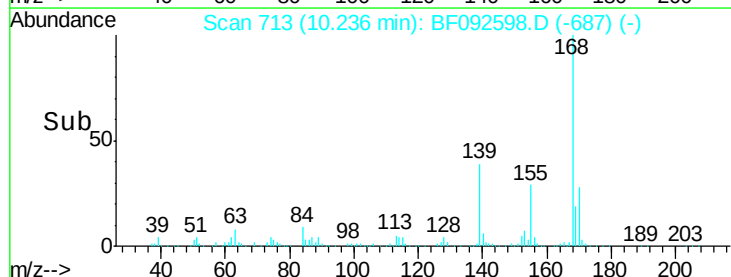
169 18.6 11.3 16.9#

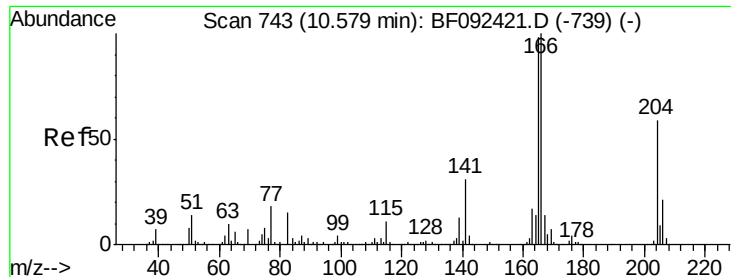


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

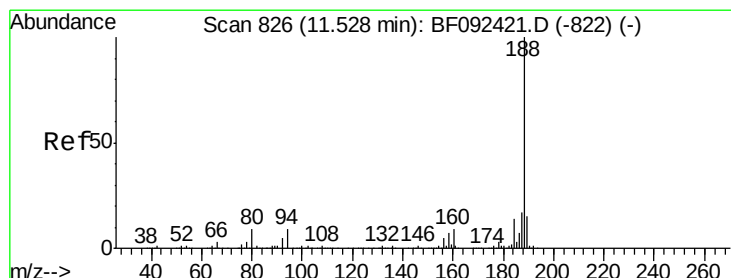
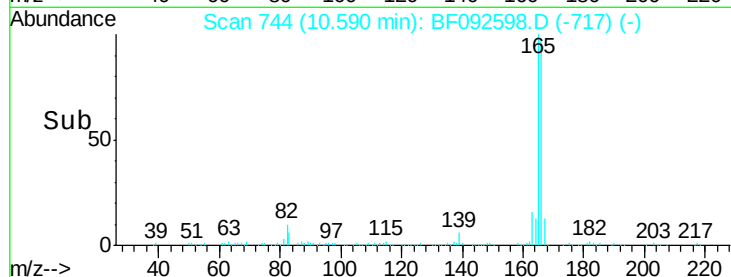
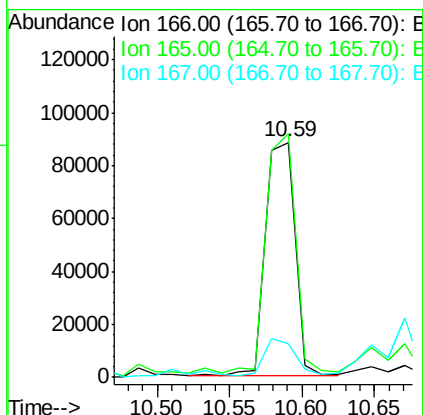
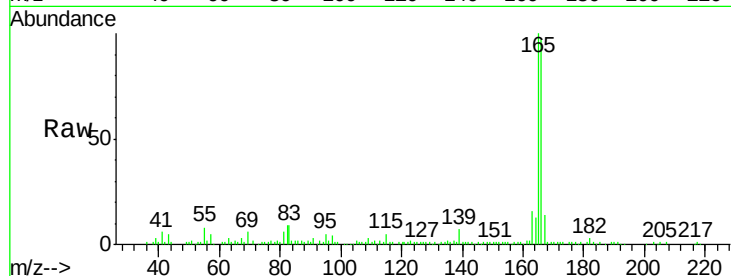




#57
 Fluorene
 Concen: 8.44 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

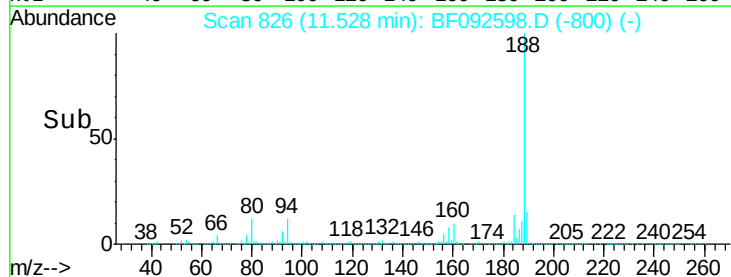
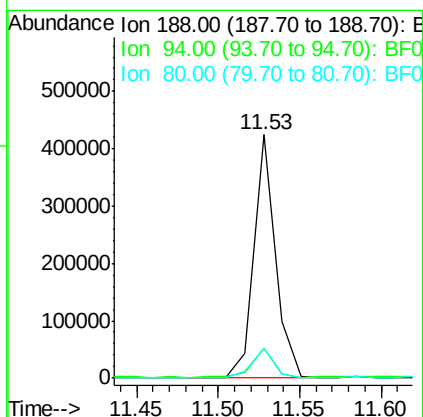
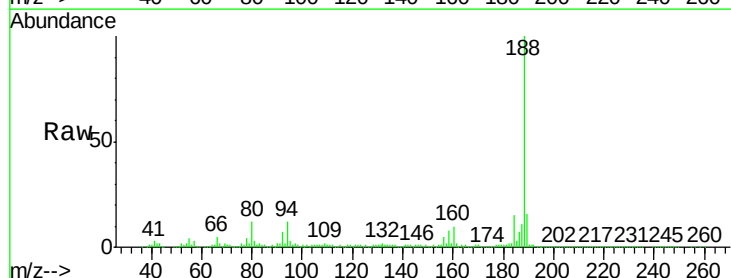
Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S4C4

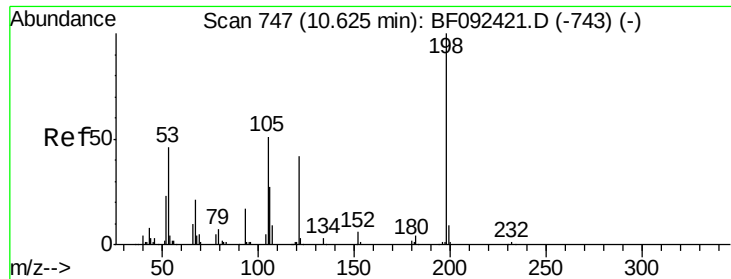
Tgt Ion:166 Resp: 124056
 Ion Ratio Lower Upper
 166 100
 165 103.6 77.8 116.8
 167 14.4 10.8 16.2



#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

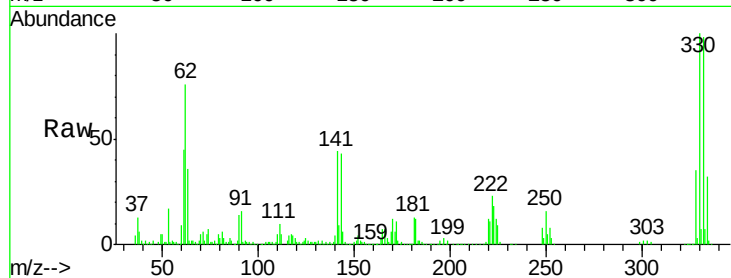




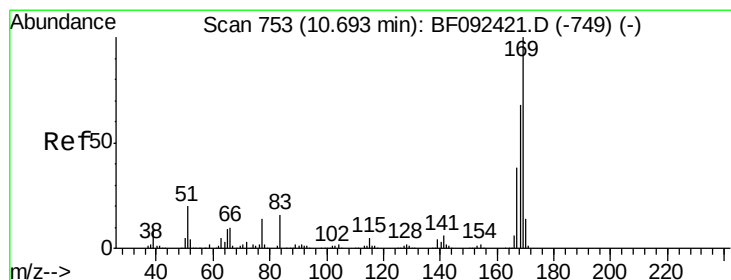
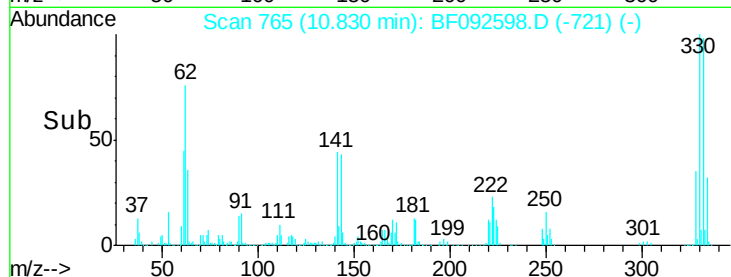
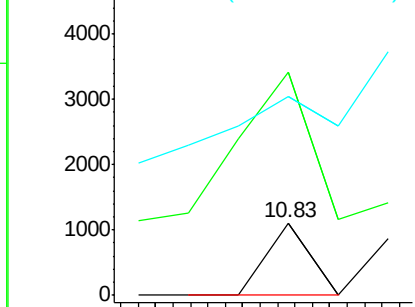
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.27 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.21 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S4C4

Tgt Ion:198 Resp: 759
 Ion Ratio Lower Upper
 198 100
 51 307.5 6.7 46.7#
 105 275.2 16.6 56.6#

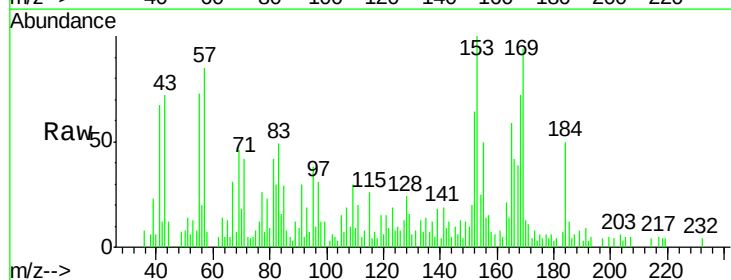


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

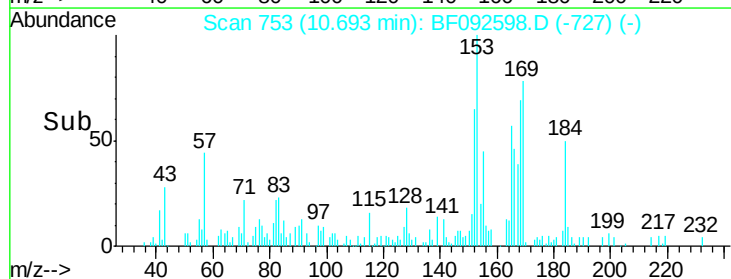
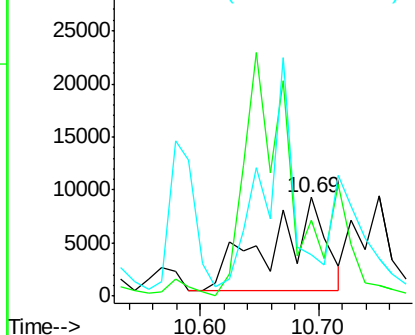


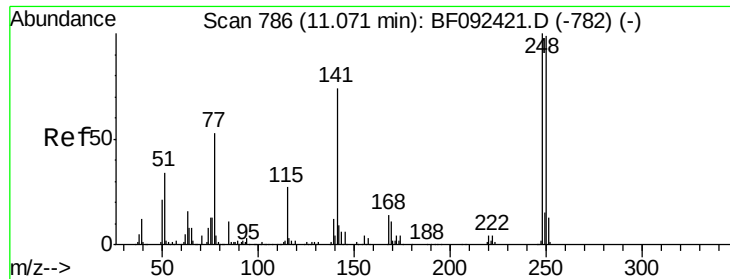
#65
 n-Nitrosodiphenylamine
 Concen: 2.30 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

Tgt Ion:169 Resp: 28154
 Ion Ratio Lower Upper
 169 100
 168 76.9 54.2 81.2
 167 41.7 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.68 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.24 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

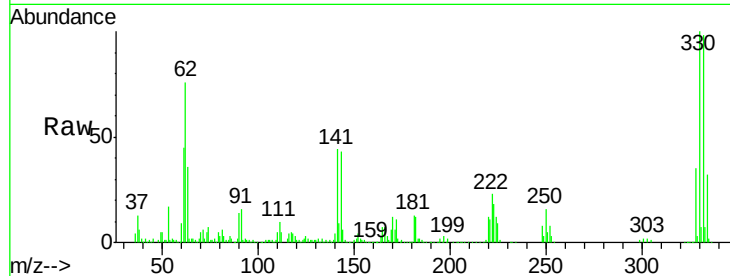
Tgt Ion:248 Resp: 18527

Ion Ratio Lower Upper

248 100

250 194.9 76.9 115.3#

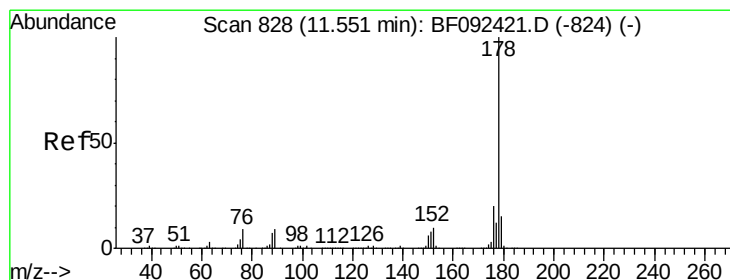
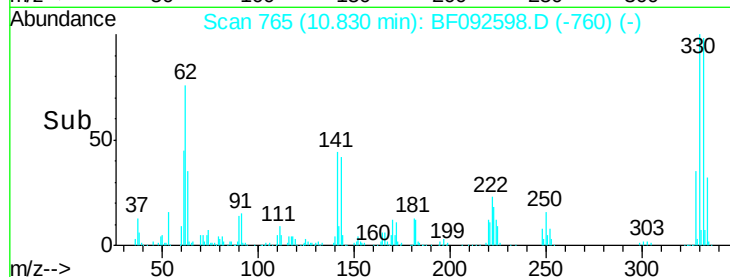
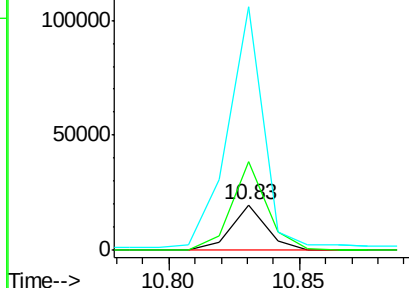
141 534.4 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#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

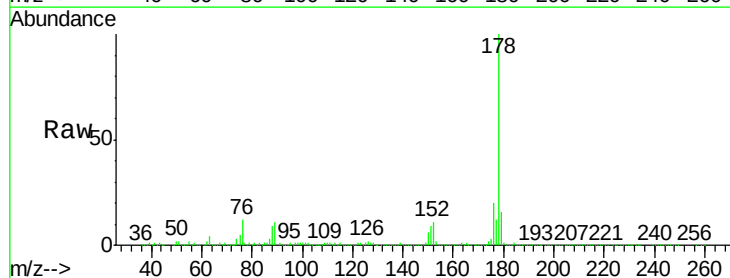
Tgt Ion:178 Resp: 1275207

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

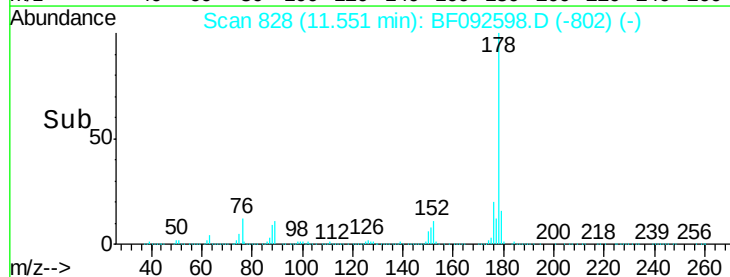
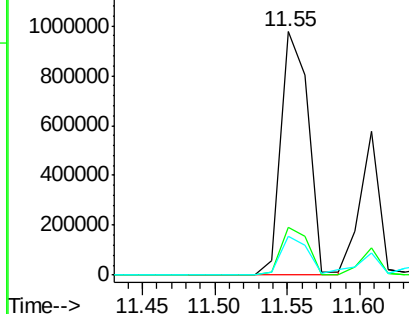
179 15.9 12.8 19.2

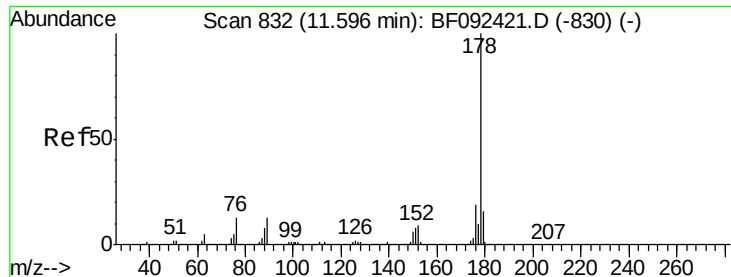


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

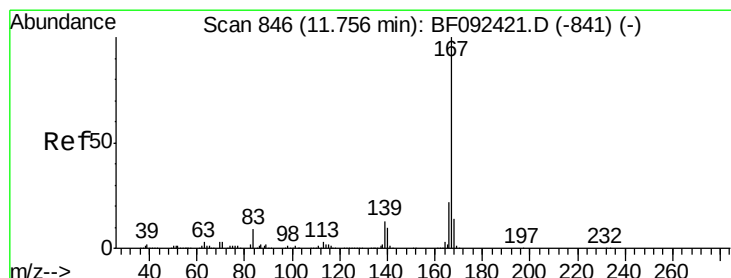
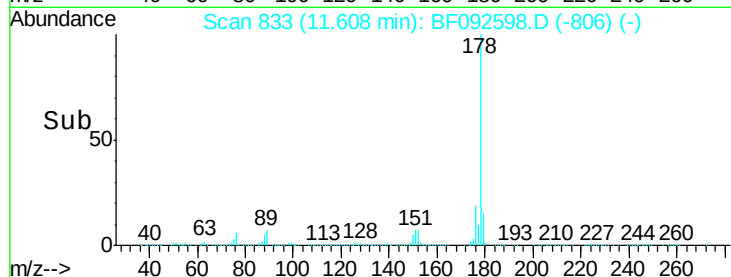
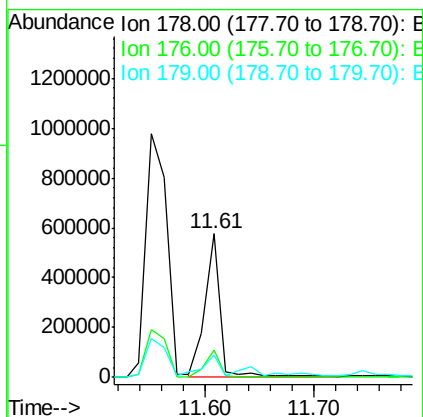
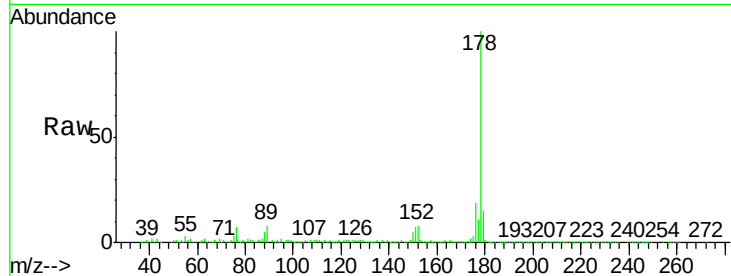




#71
 Anthracene
 Concen: 26.29 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

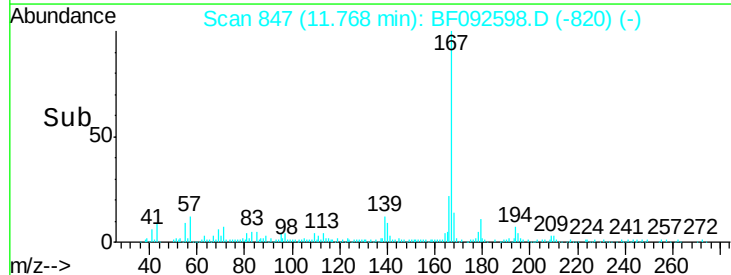
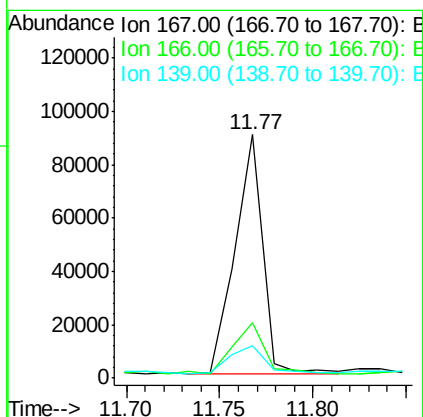
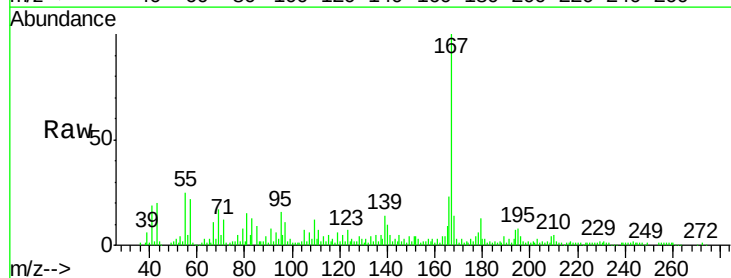
Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S4C4

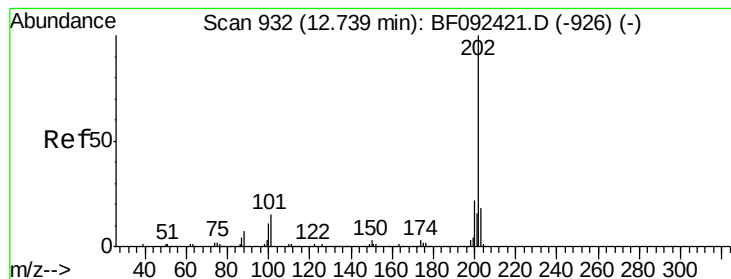
Tgt Ion:178 Resp: 554334
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.2 13.2 19.8



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

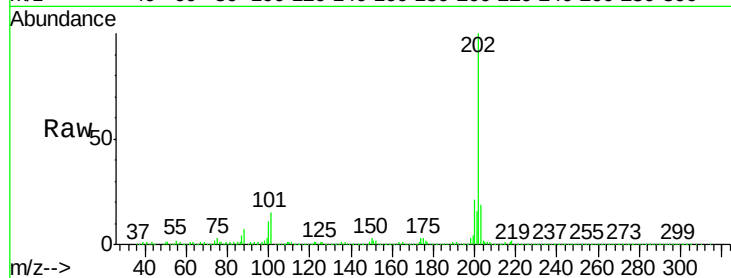
Tgt Ion:202 Resp: 1691043

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

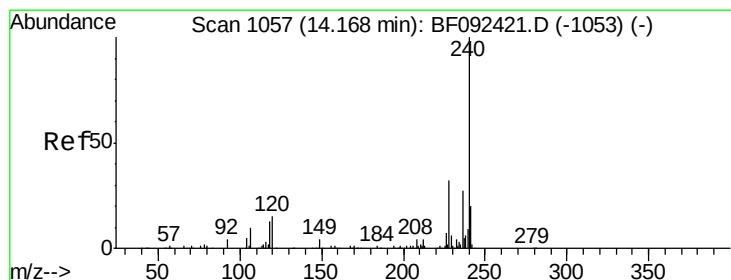
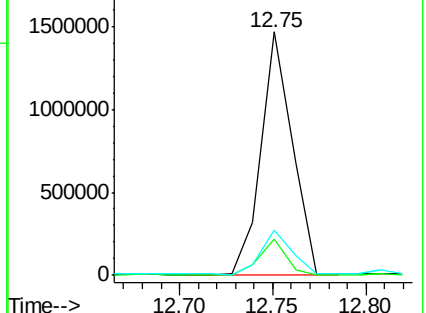
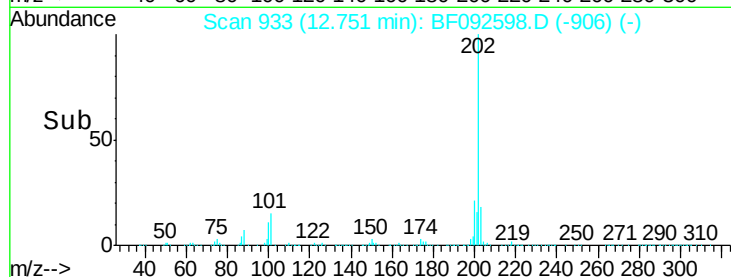
203 18.5 0.0 38.7



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

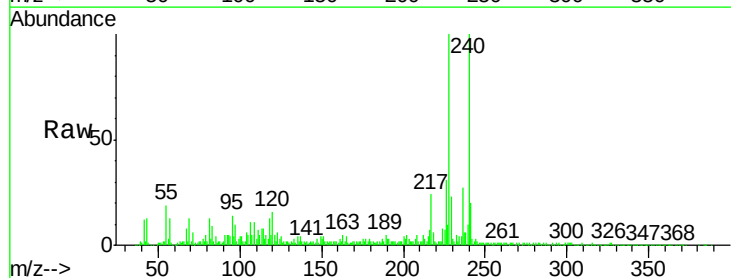
Tgt Ion:240 Resp: 275377

Ion Ratio Lower Upper

240 100

120 15.7 12.9 19.3

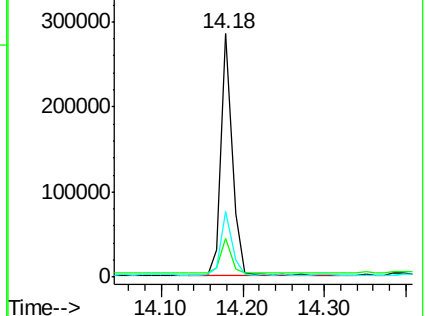
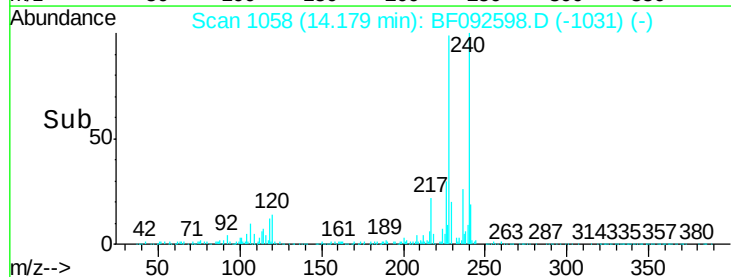
236 26.8 20.9 31.3

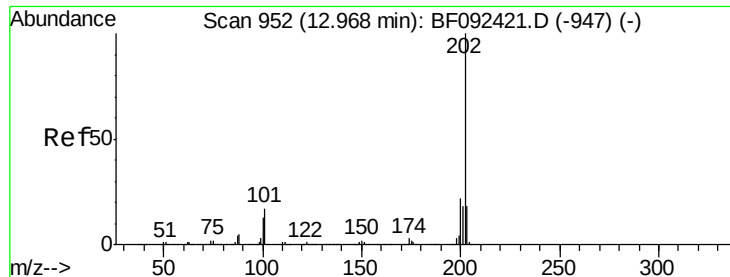


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

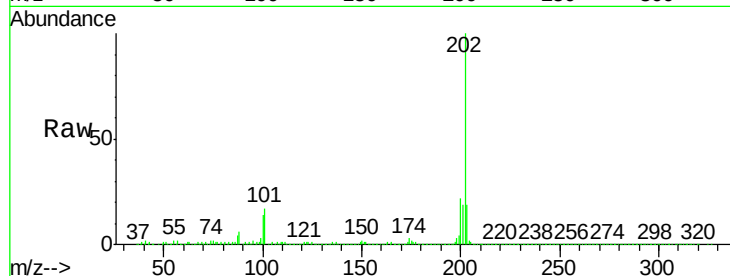
Tgt Ion:202 Resp: 1722510

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

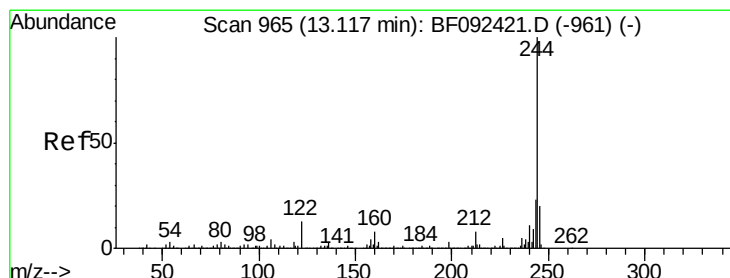
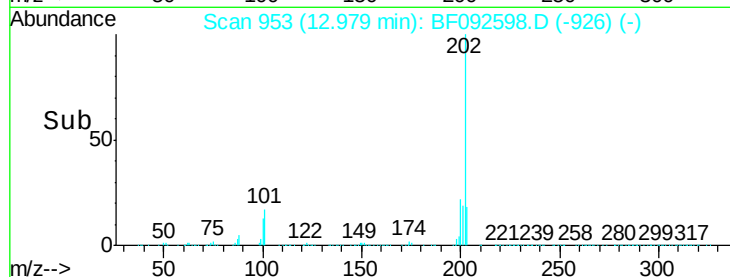
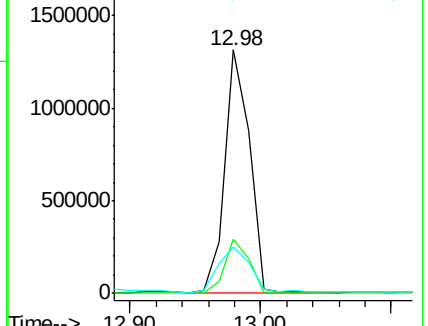
203 18.9 14.7 22.1



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

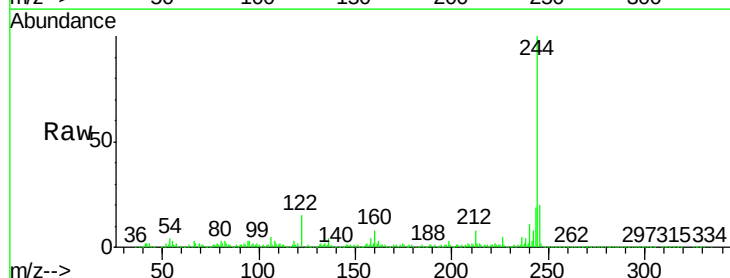
Tgt Ion:244 Resp: 1261425

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

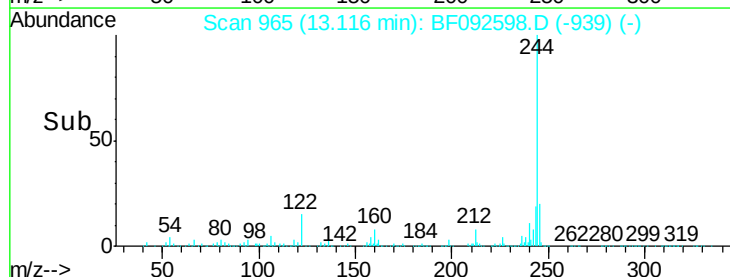
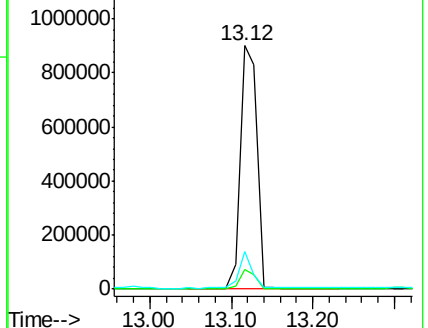
122 15.3 11.4 17.2

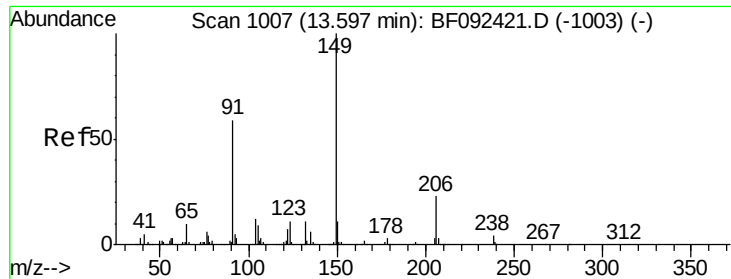


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

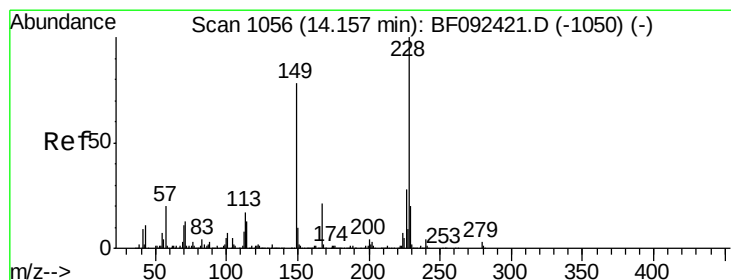
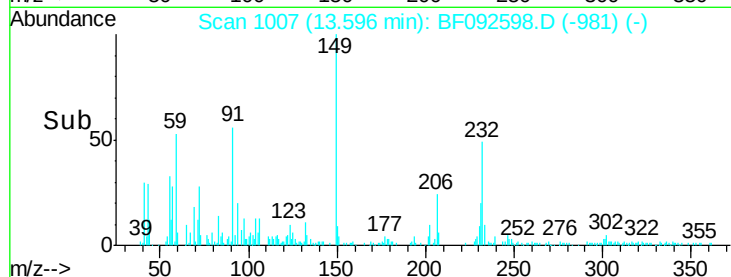
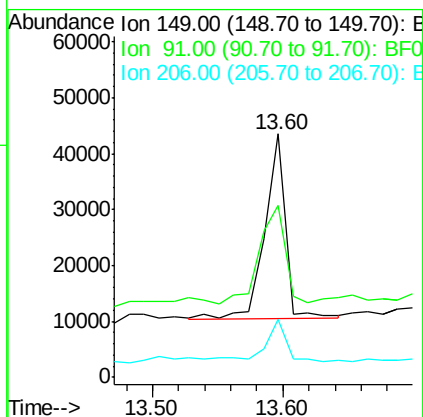
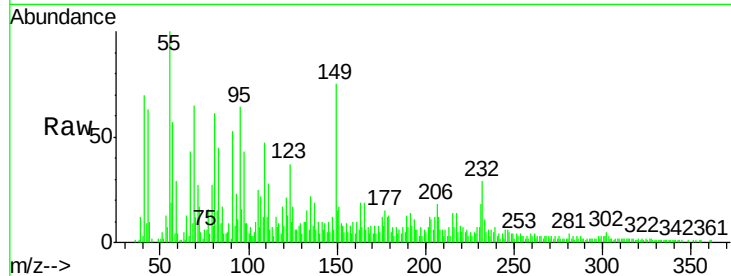




#79
Butylbenzylphthalate
Concen: 4.56 ng
RT: 13.60 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF092598.D
Acq: 28 Jan 2017 1:33

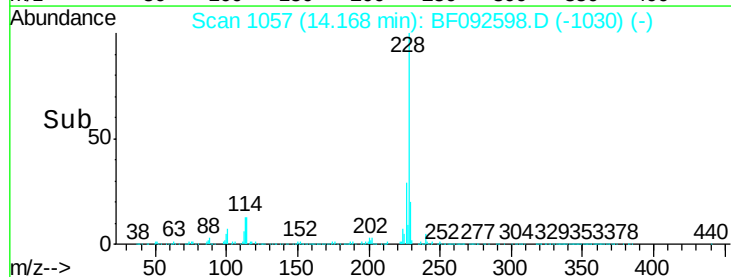
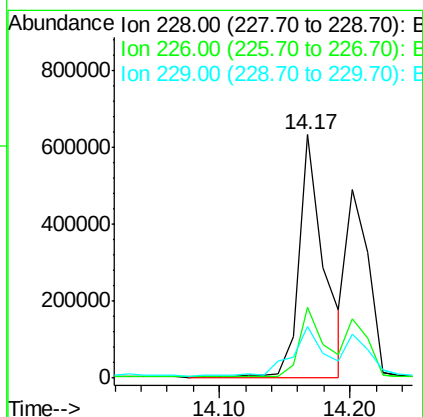
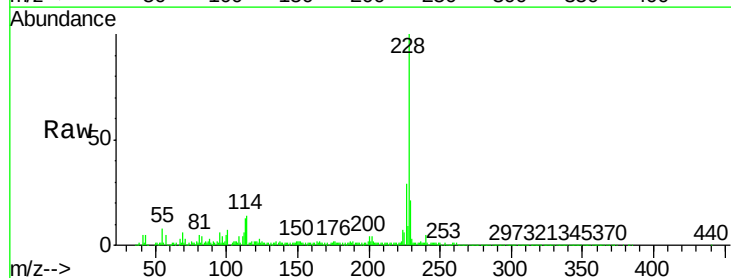
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S4C4

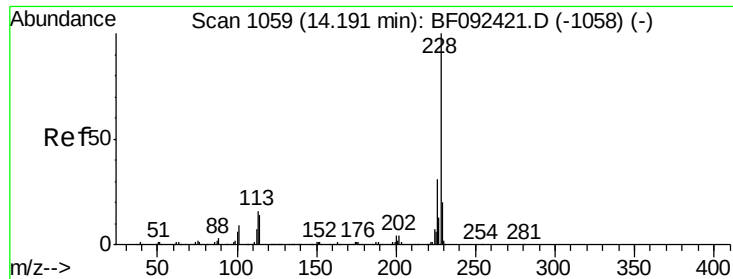
Tgt Ion:149 Resp: 36845
Ion Ratio Lower Upper
149 100
91 70.7 63.9 95.9
206 24.0 14.6 21.8#



#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

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

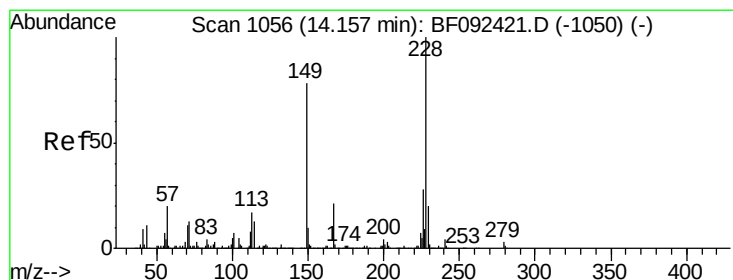
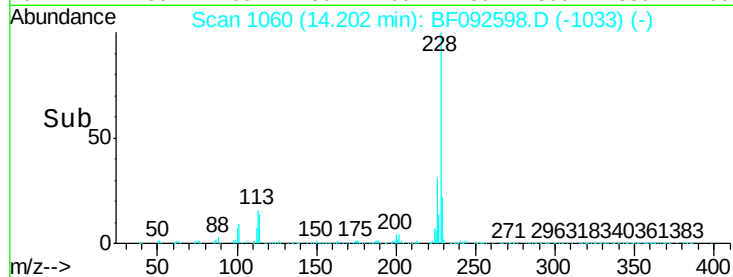
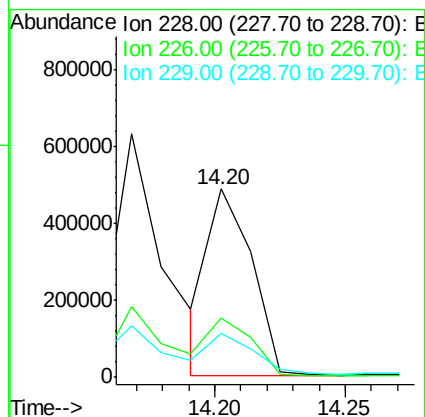
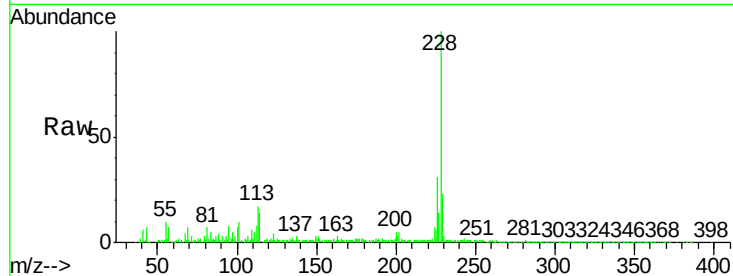




#82
Chrysene
 Concen: 35.85 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

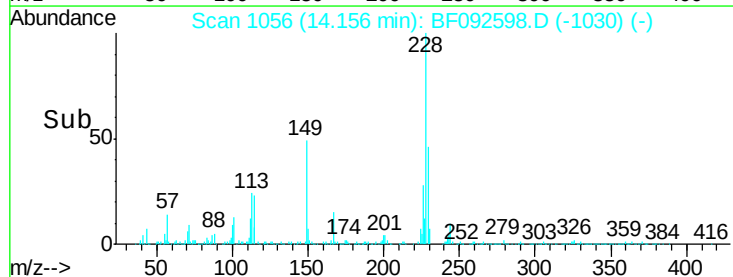
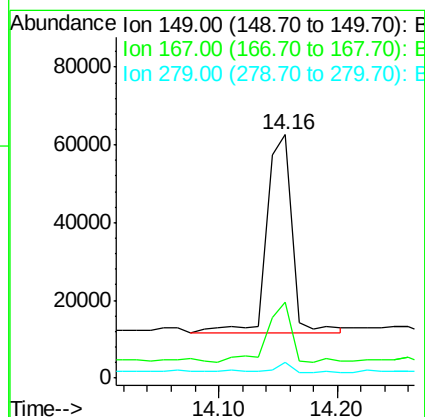
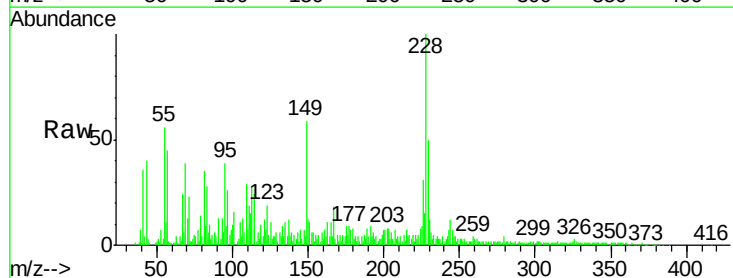
Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S4C4

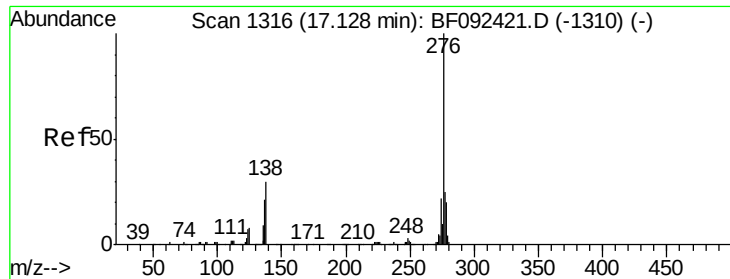
Tgt Ion: 228 Resp: 566605
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 23.2 16.2 24.2



#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

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#

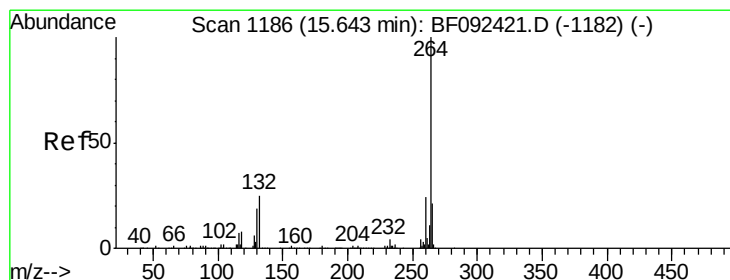
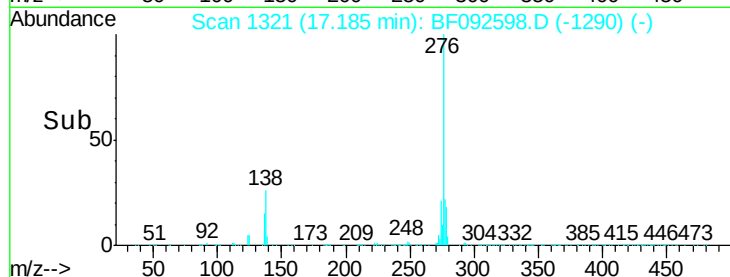
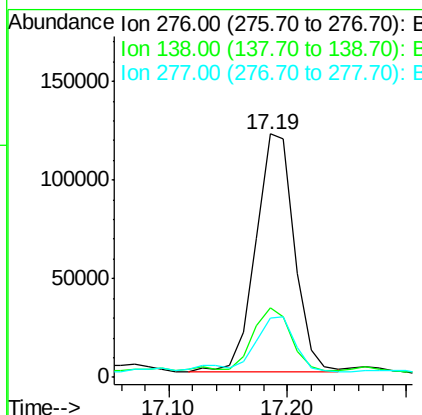
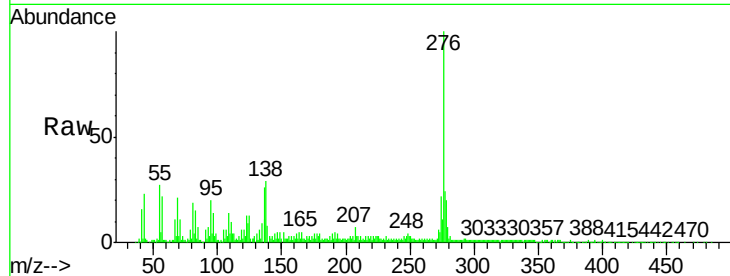




#85
Indeno(1,2,3-cd)pyrene
Concen: 23.14 ng
RT: 17.19 min Scan# 1321
Delta R.T. 0.06 min
Lab File: BF092598.D
Acq: 28 Jan 2017 1:33

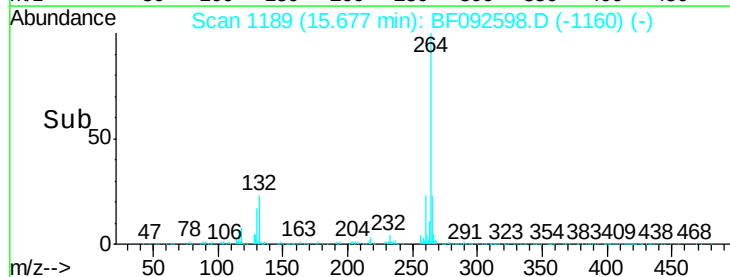
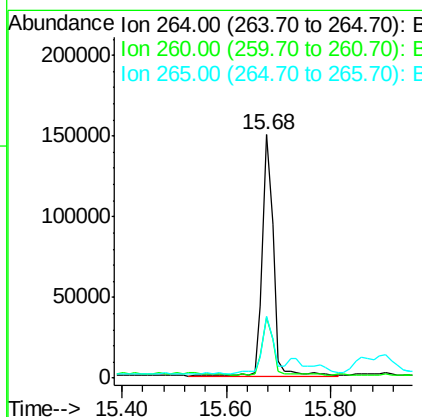
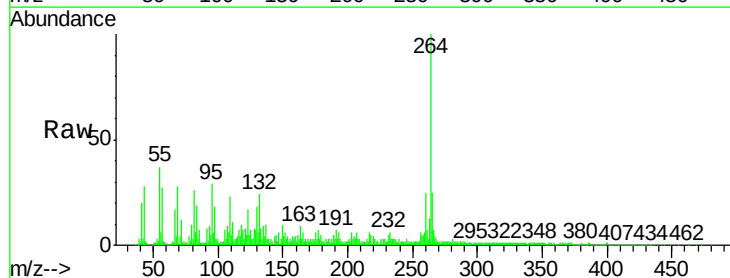
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S4C4

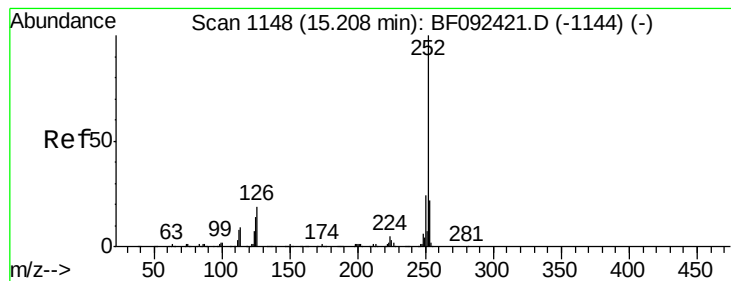
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.6
277	26.6	20.2	30.4



#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

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





#87

Benzo(b)fluoranthene

Concen: 62.58 ng

RT: 15.24 min Scan# 1151

Delta R.T. 0.03 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

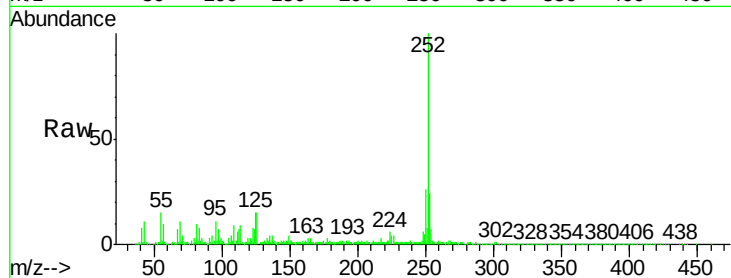
Tgt Ion:252 Resp: 873637

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.4

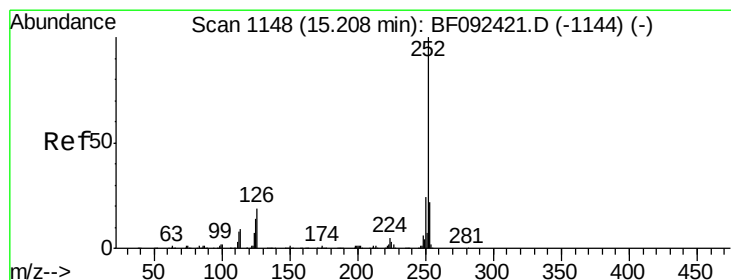
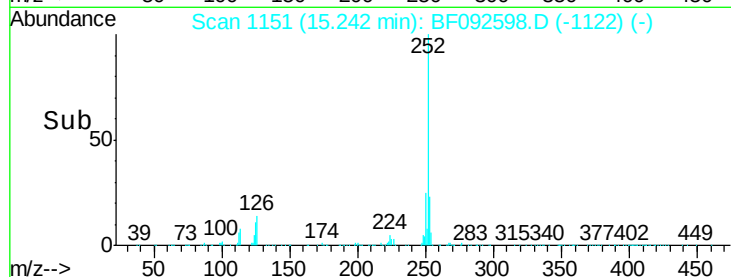
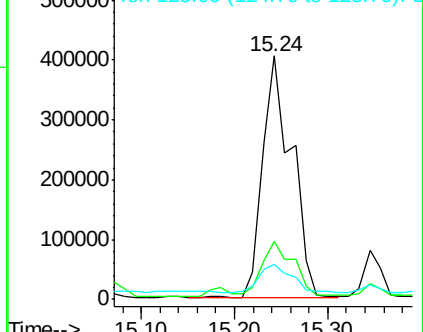
125 14.6 9.8 14.6



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: 75.18 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

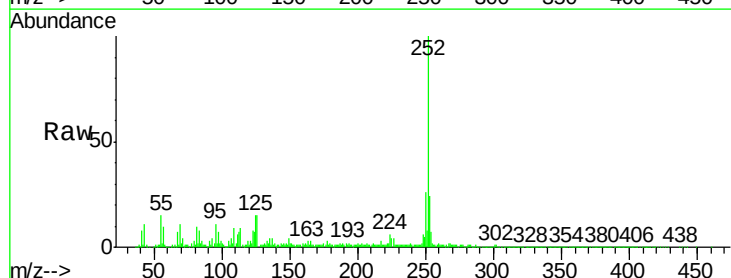
Tgt Ion:252 Resp: 872754

Ion Ratio Lower Upper

252 100

253 23.8 18.5 27.7

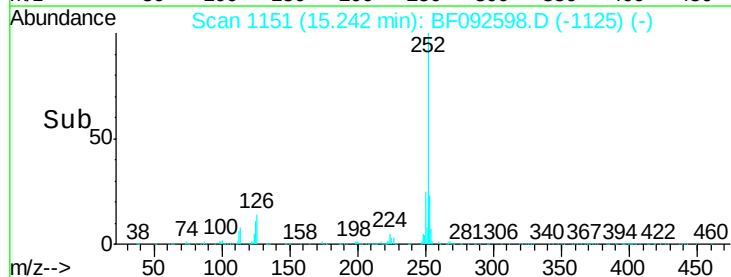
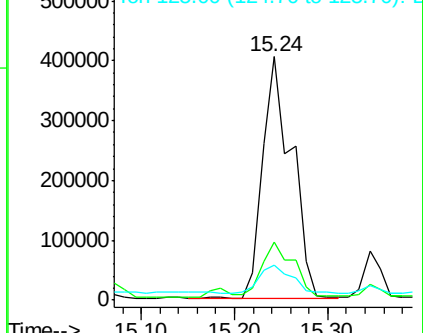
125 14.6 8.9 13.3#

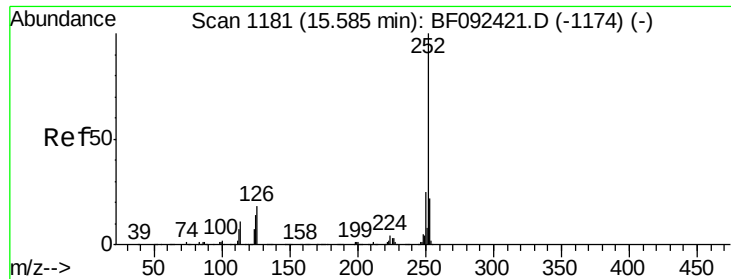


Abundance Ion 252.00 (251.70 to 252.70): E

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

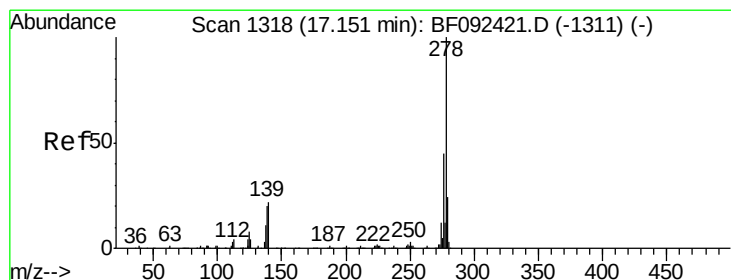
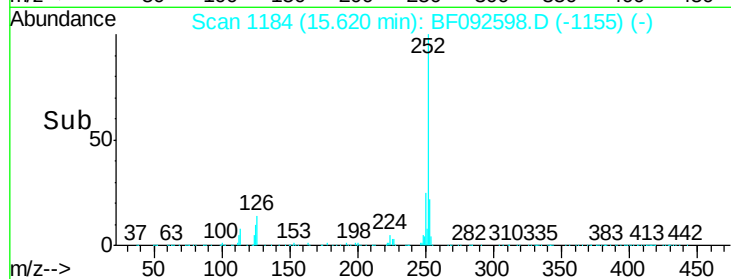
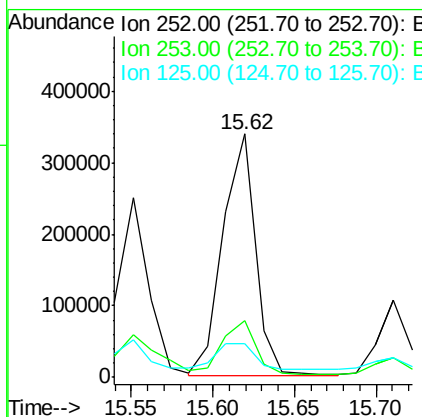
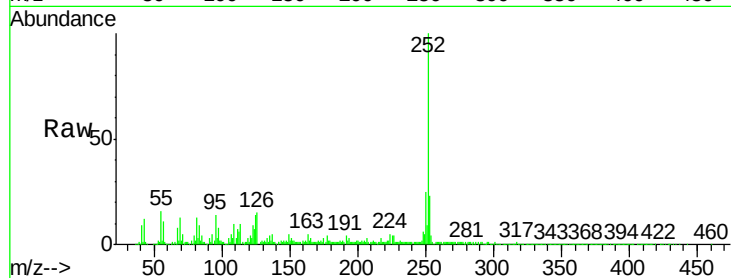
Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S4C4

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



#90

Dibenzo(a,h)anthracene

Concen: 6.44 ng

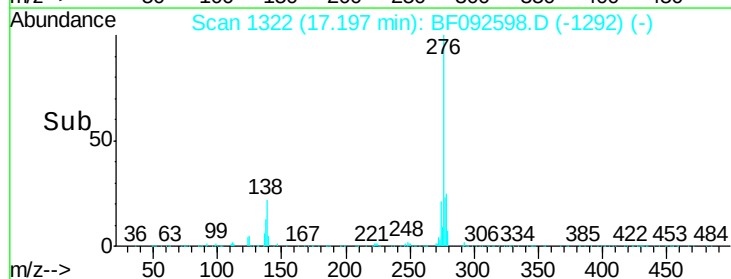
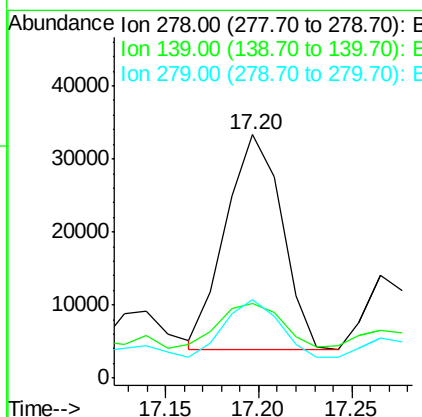
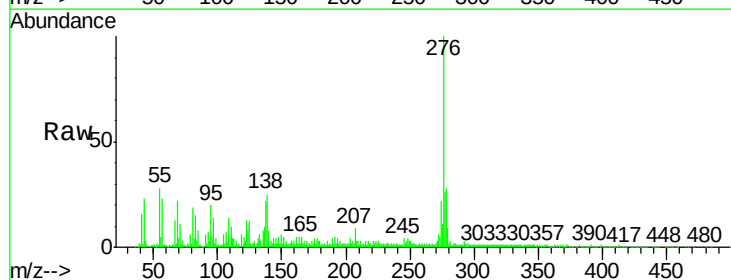
RT: 17.20 min Scan# 1322

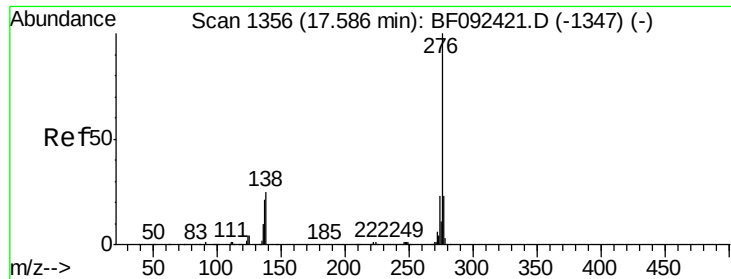
Delta R.T. 0.05 min

Lab File: BF092598.D

Acq: 28 Jan 2017 1:33

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#

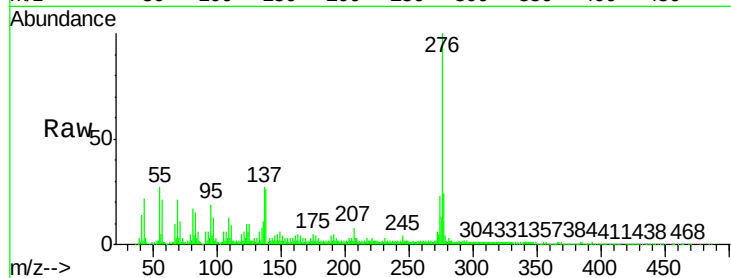




#91
 Benzo(g,h,i)perylene
 Concen: 28.36 ng
 RT: 17.65 min Scan# 1362
 Delta R.T. 0.07 min
 Lab File: BF092598.D
 Acq: 28 Jan 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S4C4

Tgt 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

