

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092661.D
 Acq On : 31 Jan 2017 3:55
 Operator : SJ/MA
 Sample : I1531-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

Quant Time: Jan 31 06:04:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152283	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	567124	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	256492	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	379456	20.00	ng	0.01
75) Chrysene-d12	14.15	240	300940	20.00	ng	0.00
86) Perylene-d12	15.62	264	241194	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	778936	87.76	ng	0.00
7) Phenol-d6	6.60	99	889032	77.84	ng	0.00
23) Nitrobenzene-d5	7.53	82	564733	55.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	143874	77.56	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	964677	68.14	ng	0.00
78) Terphenyl-d14	13.08	244	662150	51.70	ng	0.00

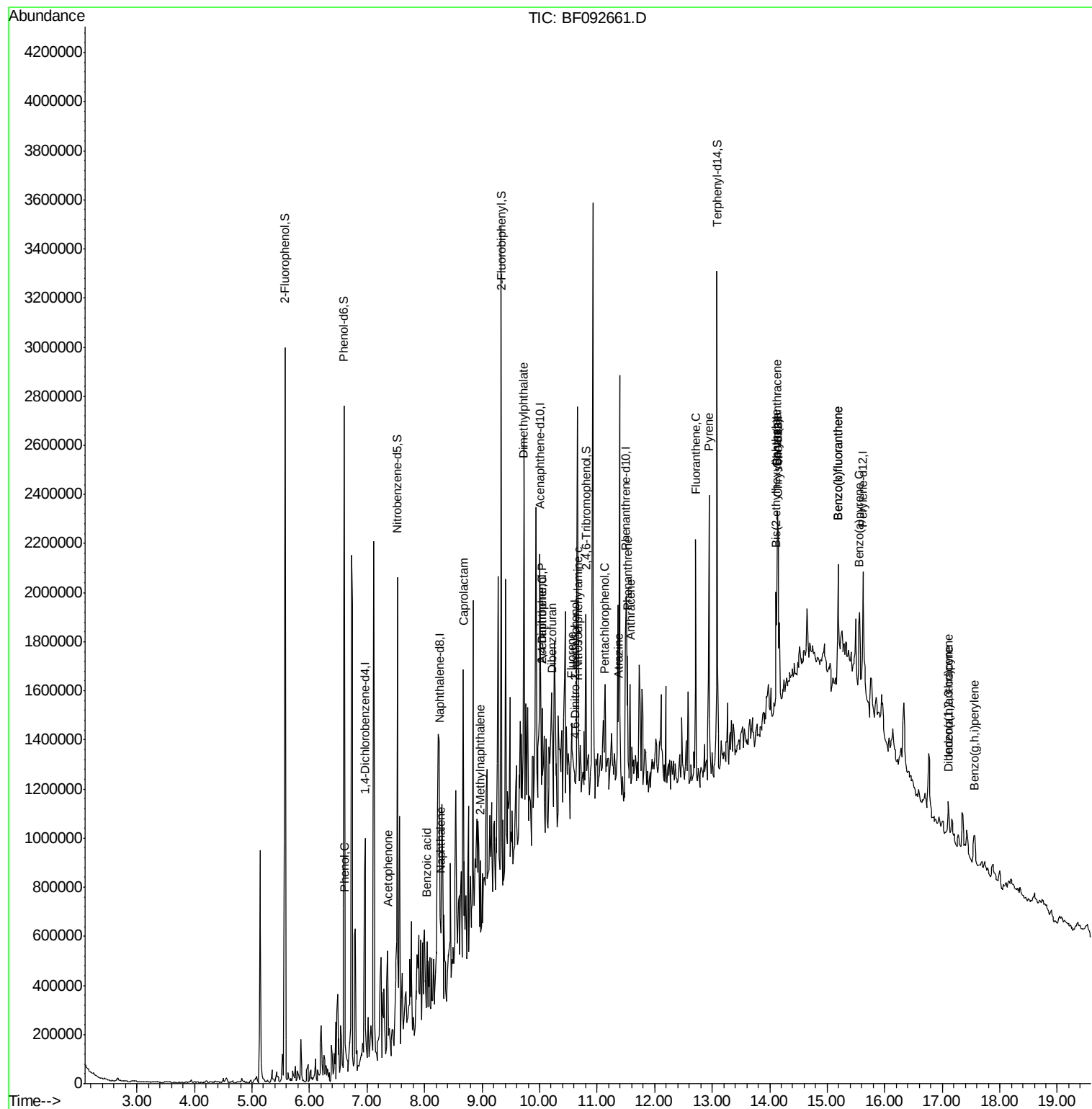
Target Compounds						Qvalue
10) Phenol	6.61	94	46674	3.49	ng	80
22) Acetophenone	7.36	105	38873	3.00	ng	# 53
31) Naphthalene	8.27	128	79264	2.76	ng	# 88
32) Benzoic acid	8.04	122	2259	7.55	ng	# 29
35) Caprolactam	8.67	113	22190	8.66	ng	# 1
37) 2-Methylnaphthalene	8.97	142	62864	3.41	ng	96
49) Dimethylphthalate	9.72	163	124018	7.18	ng	# 92
51) Acenaphthene	10.04	154	53985	3.60	ng	93
53) 2,4-Dinitrophenol	10.04	184	207	4.84	ng	# 1
54) Dibenzofuran	10.21	168	48580	2.42	ng	# 74
57) Fluorene	10.56	166	63615	4.12	ng	# 93
64) 4,6-Dinitro-2-methylphenol	10.62	198	400	2.83	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	41695	3.44	ng	# 53
68) Atrazine	11.37	200	7883	2.03	ng	81
69) Pentachlorophenol	11.13	266	796	7.56	ng	# 18
70) Phenanthrene	11.53	178	263794	12.13	ng	98
71) Anthracene	11.57	178	171128	7.84	ng	99
74) Fluoranthene	12.72	202	467422	20.84	ng	94
77) Pyrene	12.95	202	495780	22.01	ng	99
80) Benzo(a)anthracene	14.13	228	203790	11.07	ng	# 88
82) Chrysene	14.13	228	203790	11.83	ng	# 93
83) Bis(2-ethylhexyl)phthalate	14.11	149	139081	11.12	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.11	276	107757	8.07	ng	97
87) Benzo(b)fluoranthene	15.19	252	336705	21.21	ng	# 92
88) Benzo(k)fluoranthene	15.19	252	336705	24.56	ng	# 91
89) Benzo(a)pyrene	15.56	252	164181	11.96	ng	# 90
90) Dibenzo(a,h)anthracene	17.12	278	28828	2.60	ng	# 57
91) Benzo(g,h,i)perylene	17.56	276	113204	10.10	ng	# 89

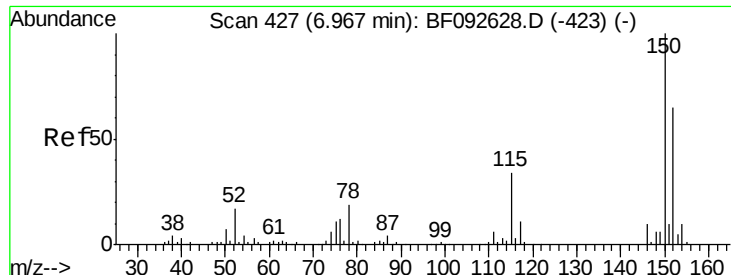
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

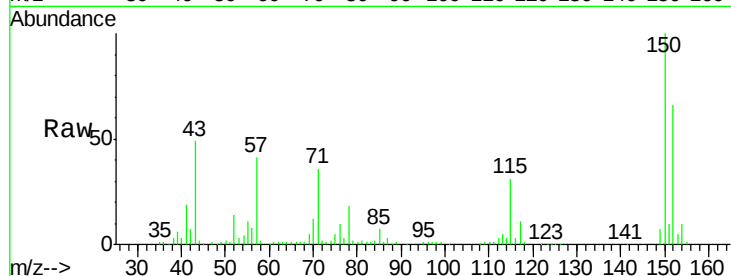
Tgt Ion:152 Resp: 152283

Ion Ratio Lower Upper

152 100

150 150.8 124.9 187.3

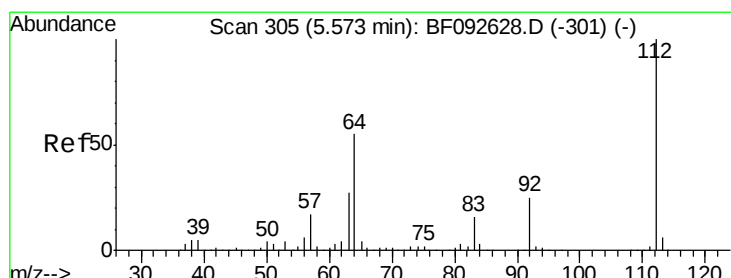
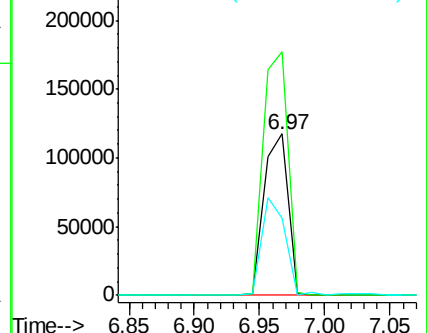
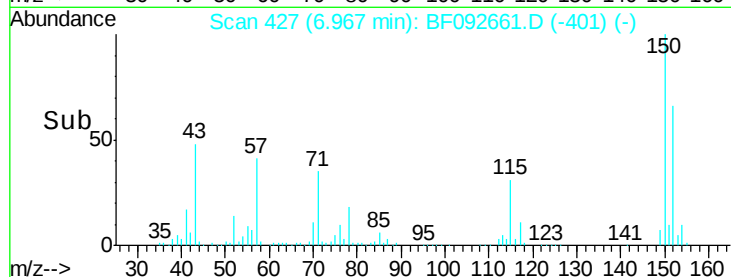
115 47.4 46.0 69.0



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: 87.76 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

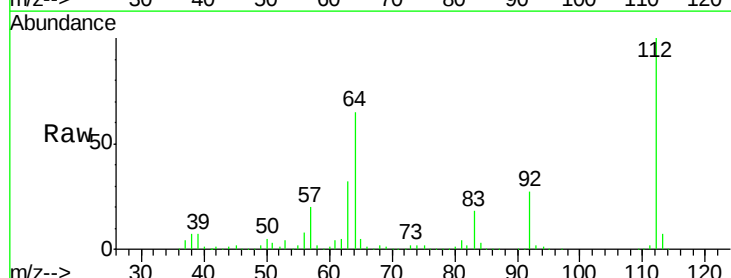
Tgt Ion:112 Resp: 778936

Ion Ratio Lower Upper

112 100

64 64.5 46.1 69.1

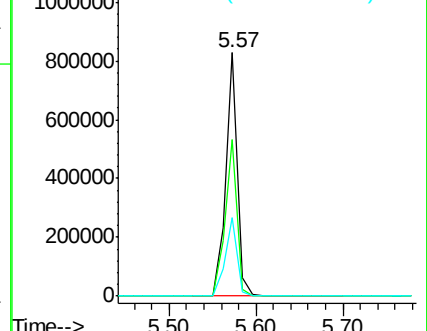
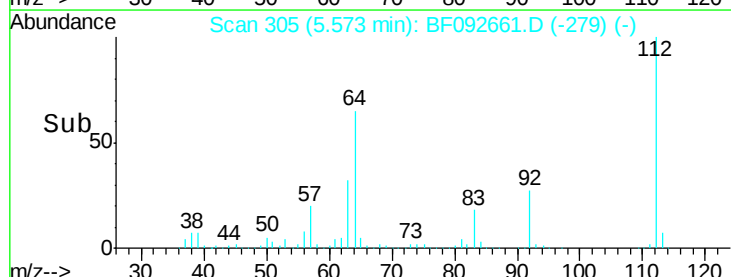
63 32.4 23.8 35.6

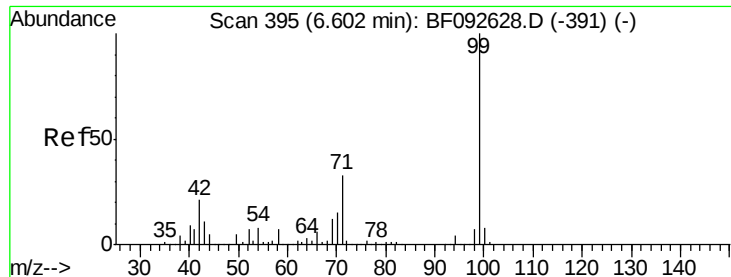


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 77.84 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

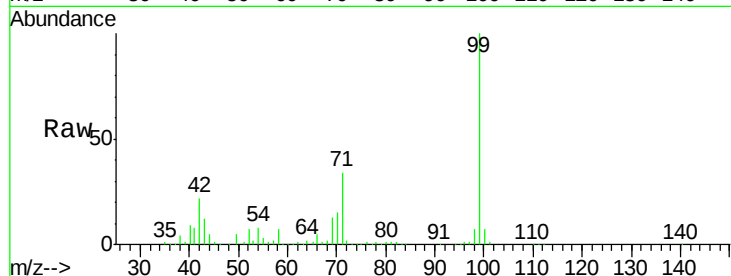
Tgt Ion: 99 Resp: 889032

Ion Ratio Lower Upper

99 100

42 21.8 15.6 23.4

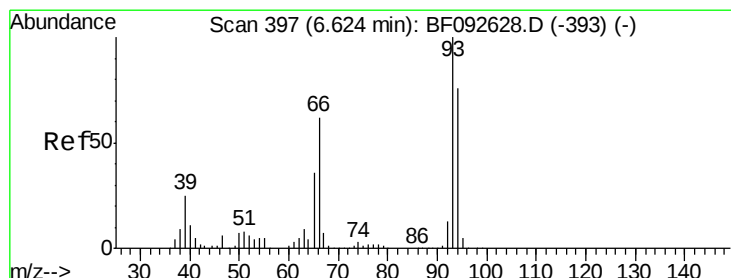
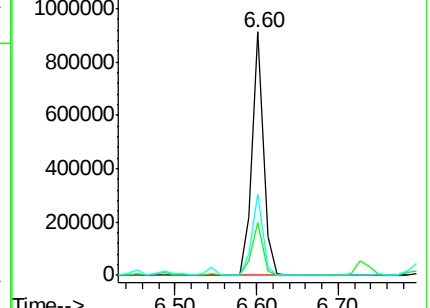
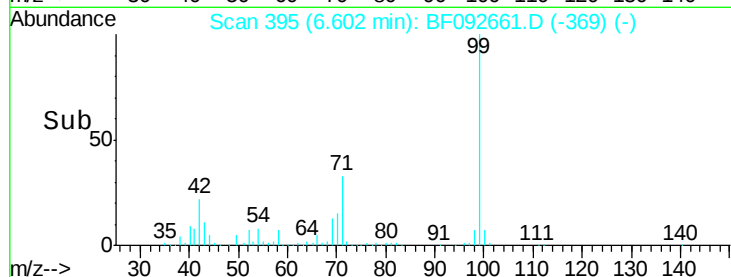
71 33.5 27.5 41.3



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: 3.49 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

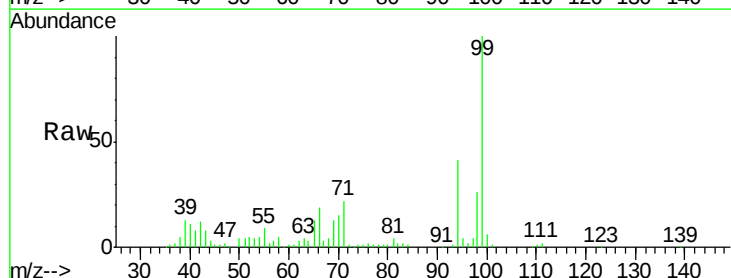
Tgt Ion: 94 Resp: 46674

Ion Ratio Lower Upper

94 100

65 30.5 21.4 61.4

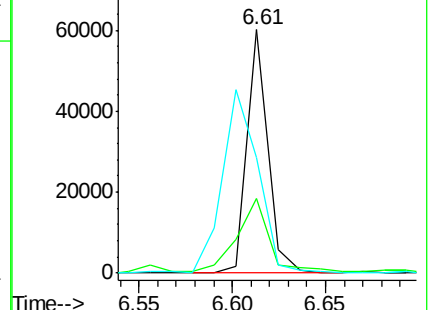
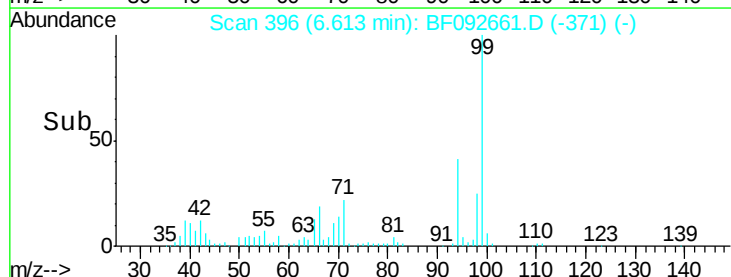
66 47.2 44.0 84.0

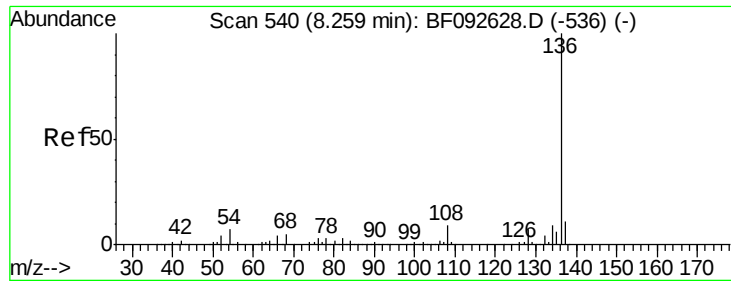


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

Tgt Ion:136 Resp: 567124

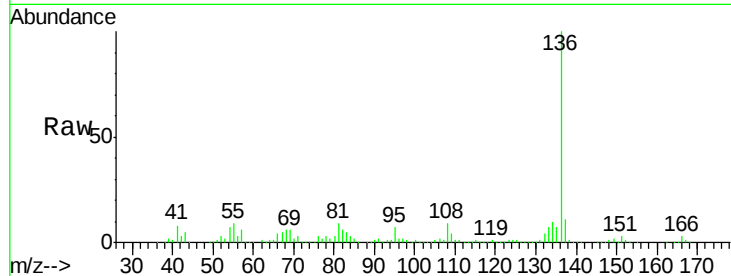
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 7.2 4.5 6.7#

68 6.1 3.6 5.4#

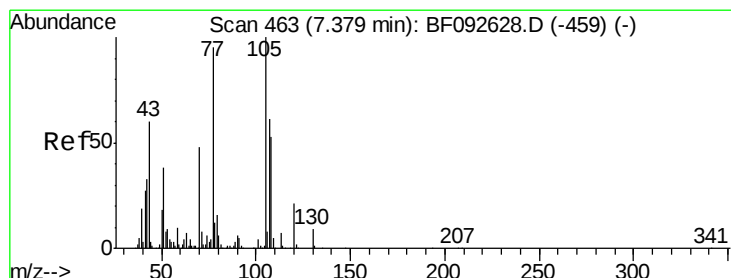
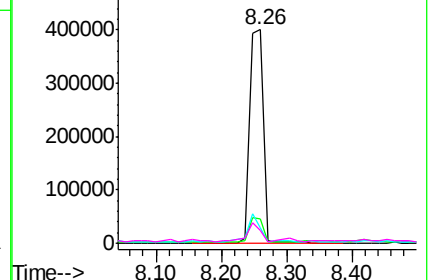
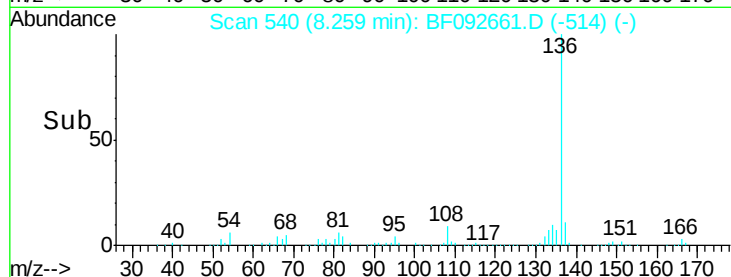


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 3.00 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Tgt Ion:105 Resp: 38873

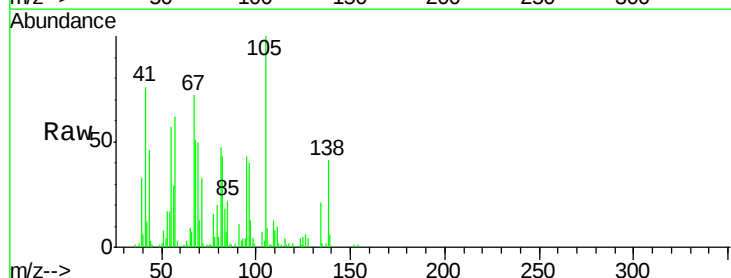
Ion Ratio Lower Upper

105 100

71 33.0 3.2 4.8#

51 8.0 26.2 39.4#

120 0.0 16.6 24.8#

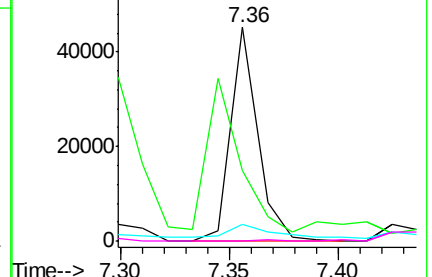
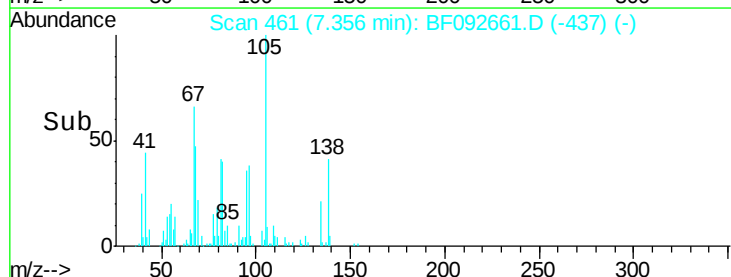


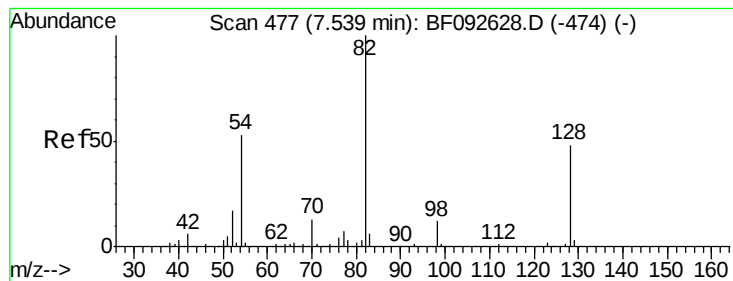
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 55.45 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

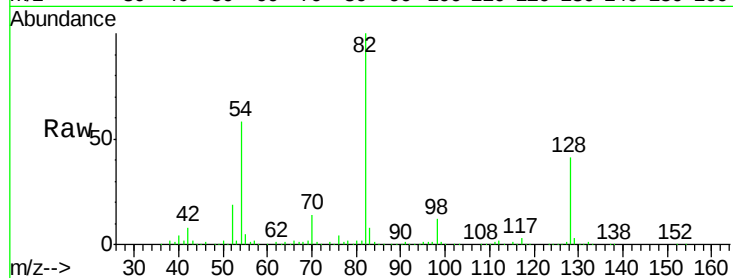
Tgt Ion: 82 Resp: 564733

Ion Ratio Lower Upper

82 100

128 41.2 34.6 52.0

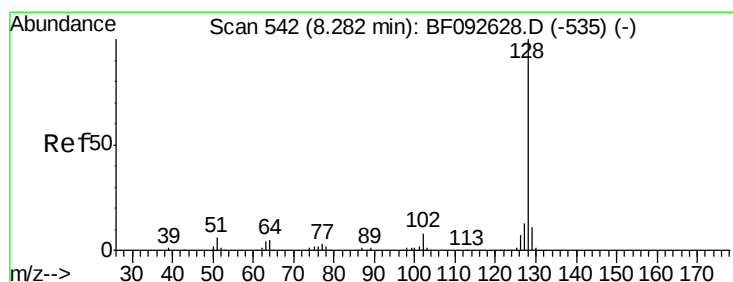
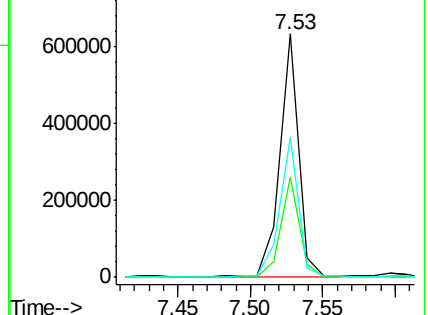
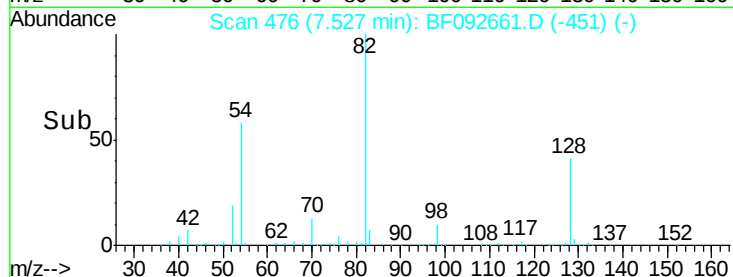
54 57.6 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 2.76 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

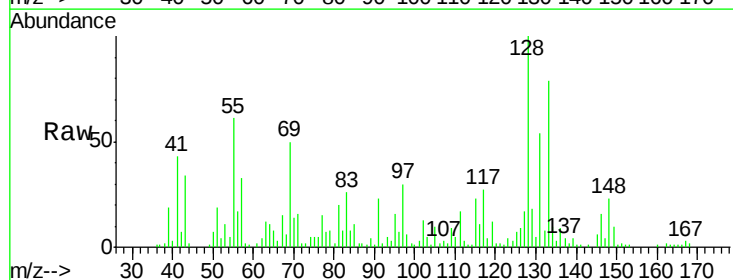
Tgt Ion: 128 Resp: 79264

Ion Ratio Lower Upper

128 100

129 18.0 9.5 14.3#

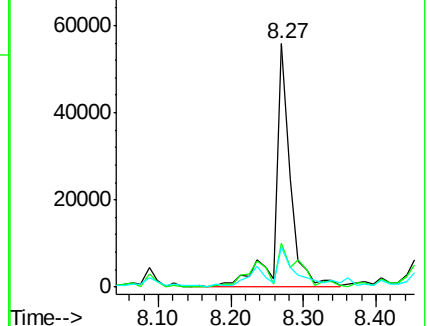
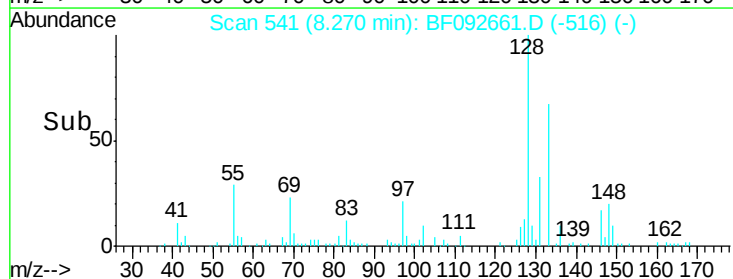
127 16.7 10.8 16.2#

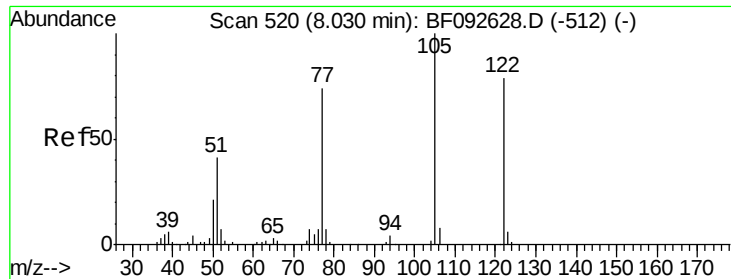


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.55 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

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ClientSampleId :

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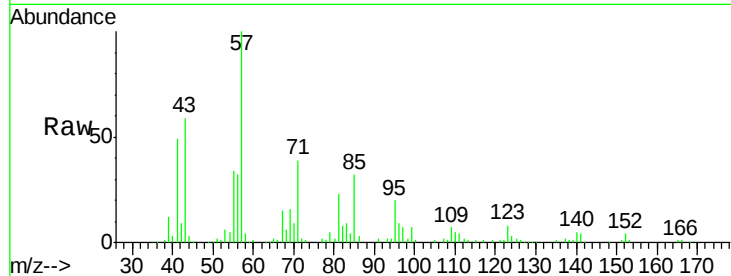
Tgt Ion:122 Resp: 2259

Ion Ratio Lower Upper

122 100

105 47.7 107.2 147.2#

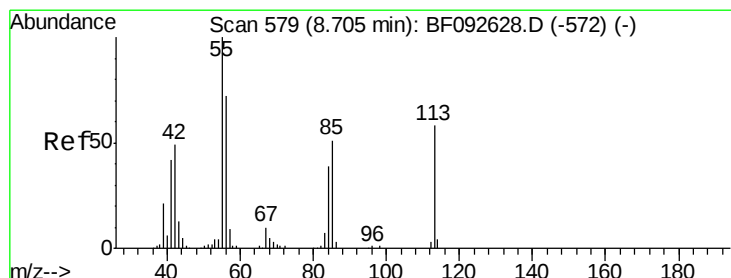
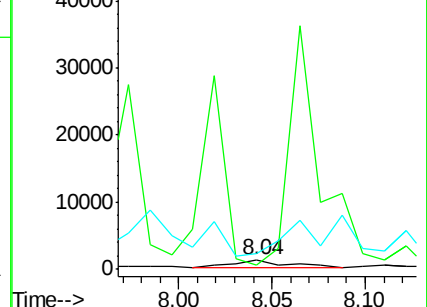
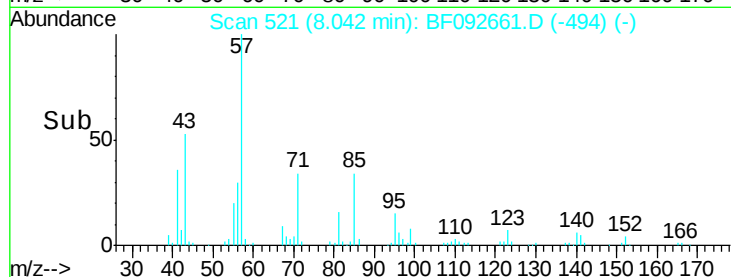
77 164.9 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 8.66 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.03 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

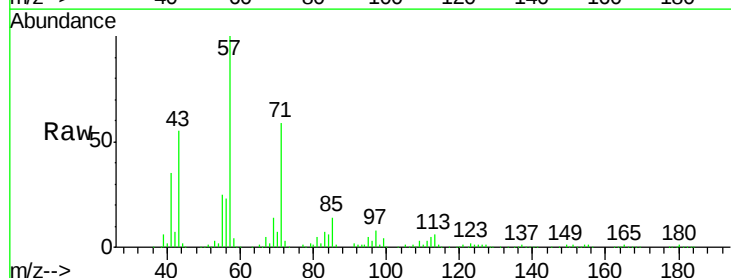
Tgt Ion:113 Resp: 22190

Ion Ratio Lower Upper

113 100

55 386.7 119.2 159.2#

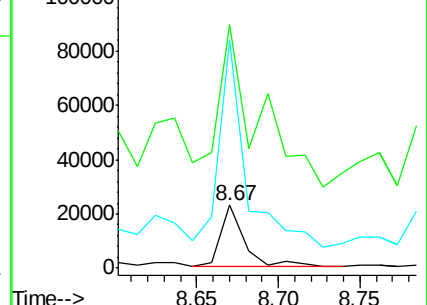
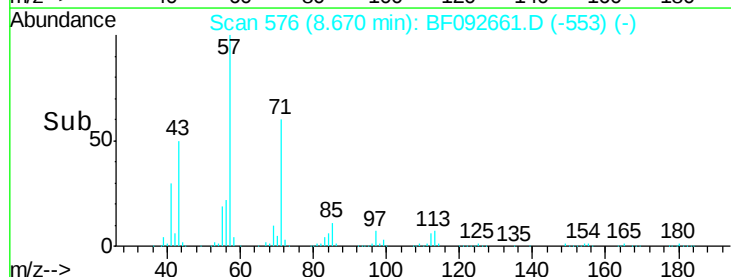
56 361.9 83.8 123.8#

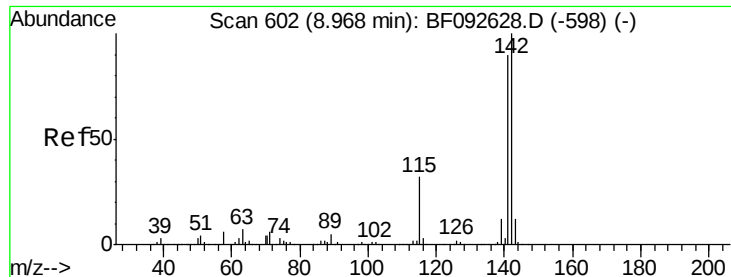


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

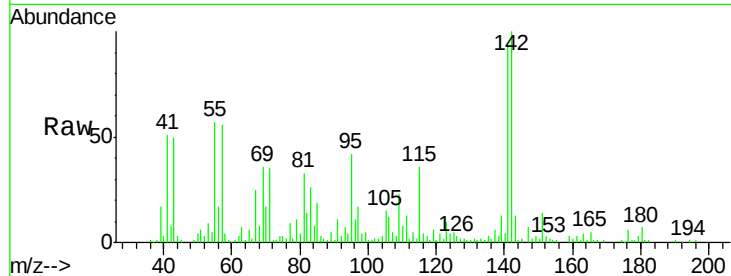




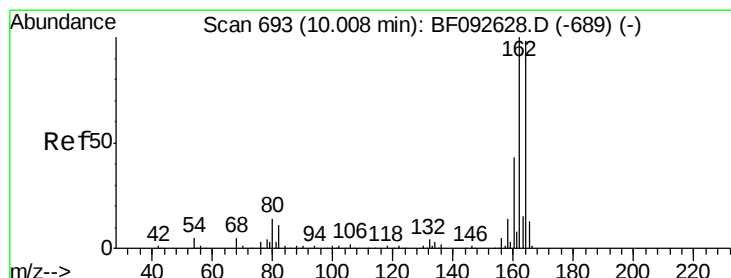
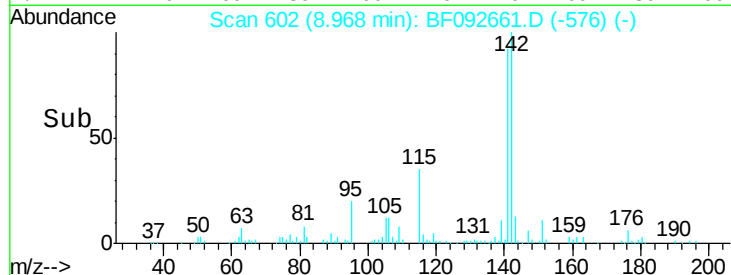
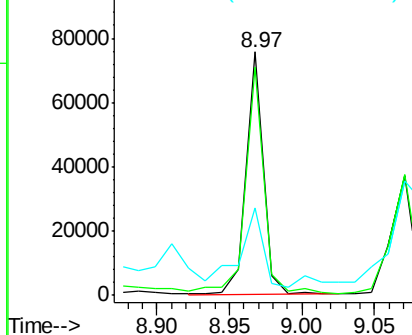
#37
 2-Methylnaphthalene
 Concen: 3.41 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF092661.D
 Acq: 31 Jan 2017 3:55

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

Tgt Ion:142 Resp: 62864
 Ion Ratio Lower Upper
 142 100
 141 93.9 71.0 106.6
 115 35.8 28.3 42.5

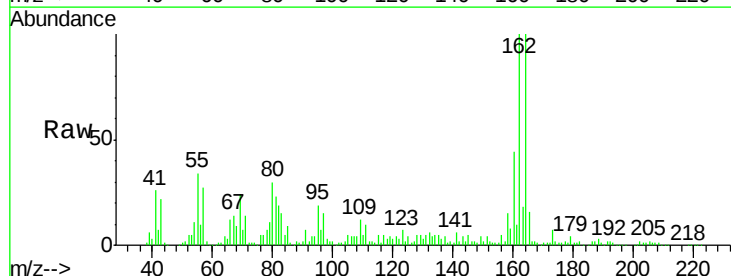


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

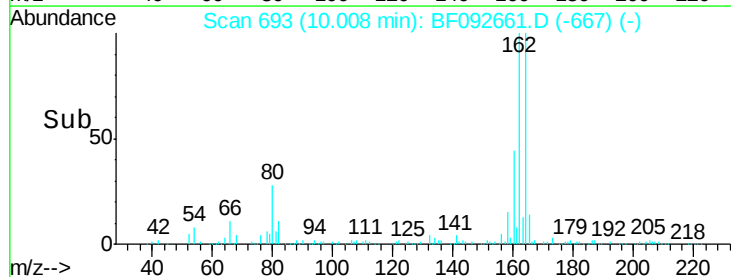
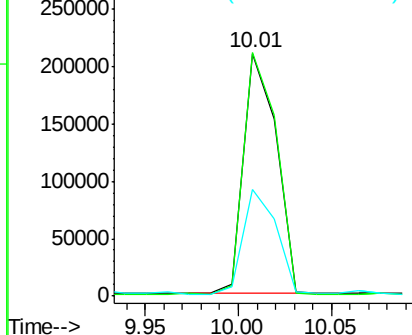


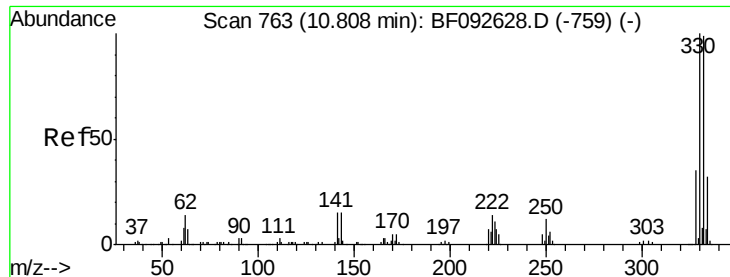
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092661.D
 Acq: 31 Jan 2017 3:55

Tgt Ion:164 Resp: 256492
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.2 120.2
 160 43.8 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

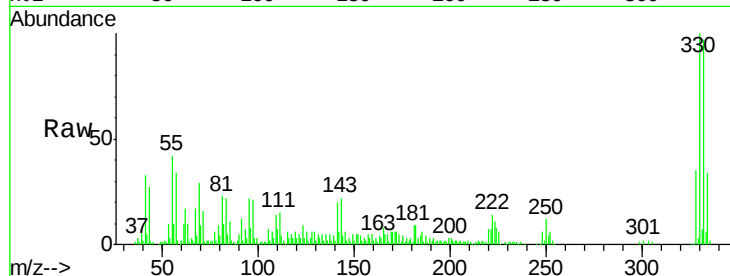




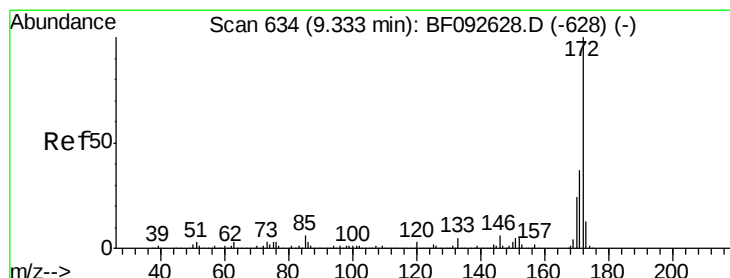
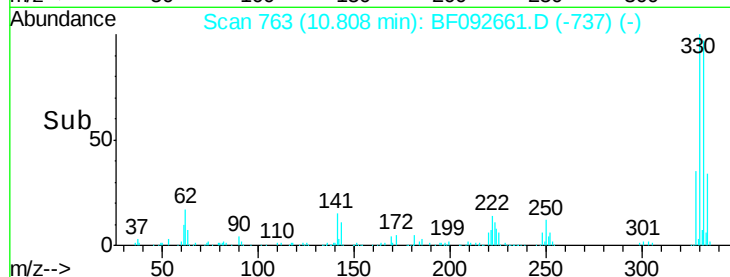
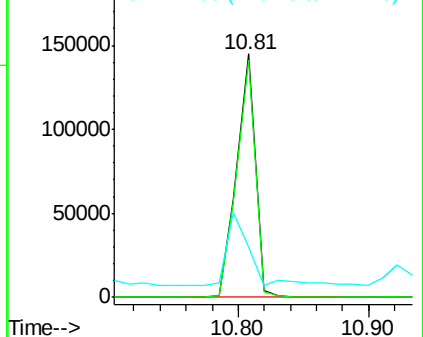
#41
 2,4,6-Tribromophenol
 Concen: 77.56 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF092661.D
 Acq: 31 Jan 2017 3:55

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	35.3	34.1	51.1

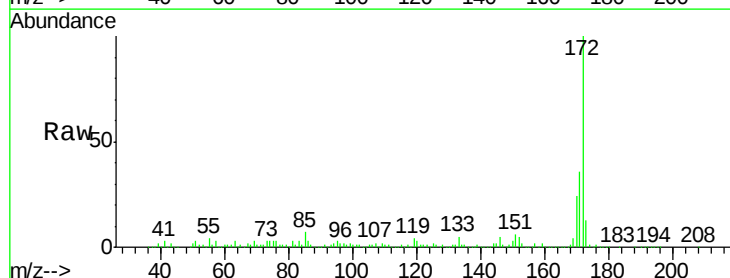


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

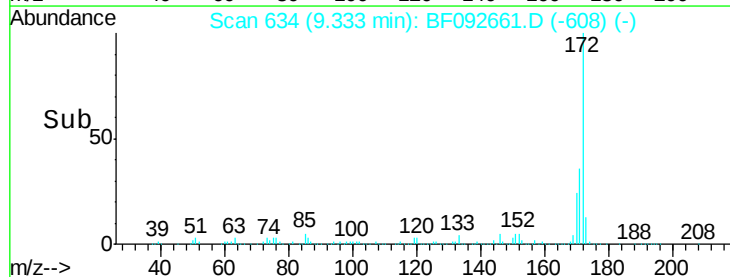
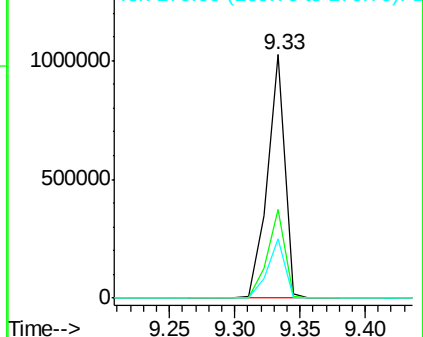


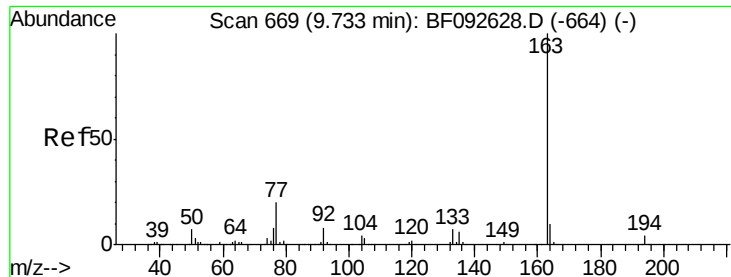
#44
 2-Fluorobiphenyl
 Concen: 68.14 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092661.D
 Acq: 31 Jan 2017 3:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.1	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

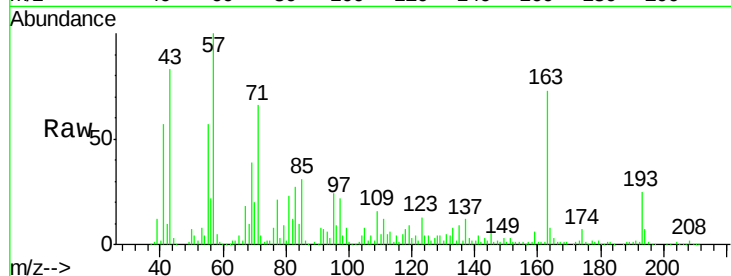




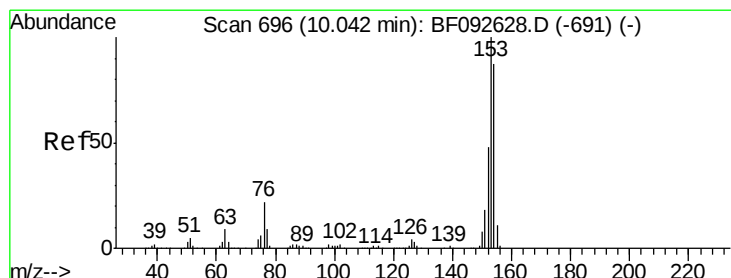
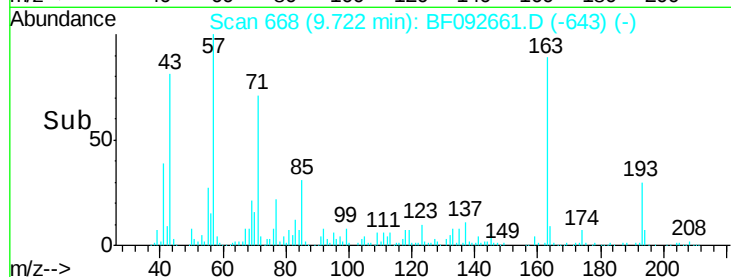
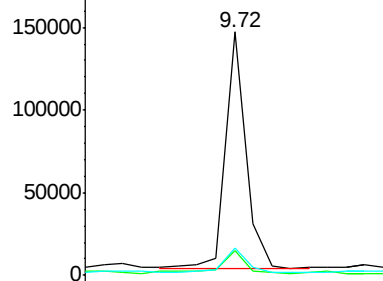
#49
Dimethylphthalate
Concen: 7.18 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:163 Resp: 124018
Ion Ratio Lower Upper
163 100
194 10.0 3.0 4.4#
164 11.3 8.0 12.0

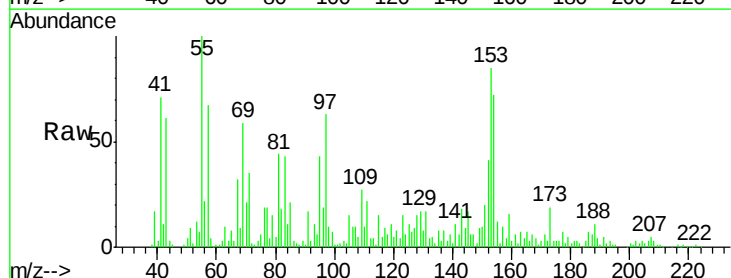


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

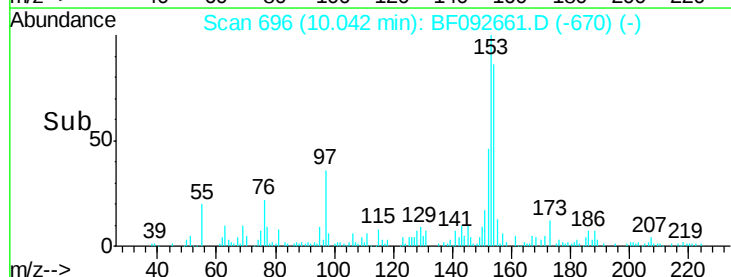
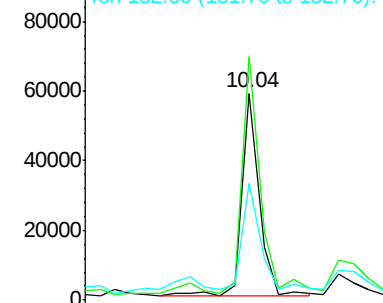


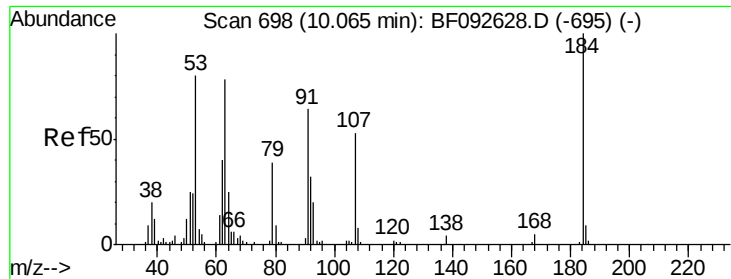
#51
Acenaphthene
Concen: 3.60 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:154 Resp: 53985
Ion Ratio Lower Upper
154 100
153 117.7 88.6 133.0
152 56.7 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

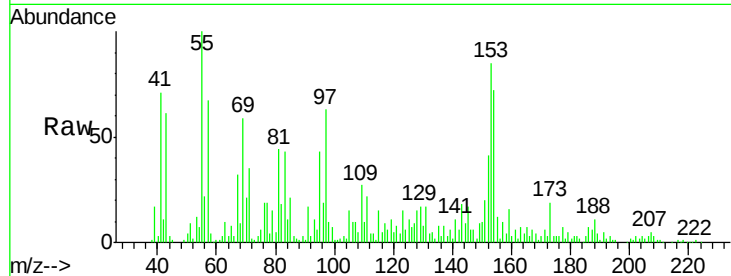




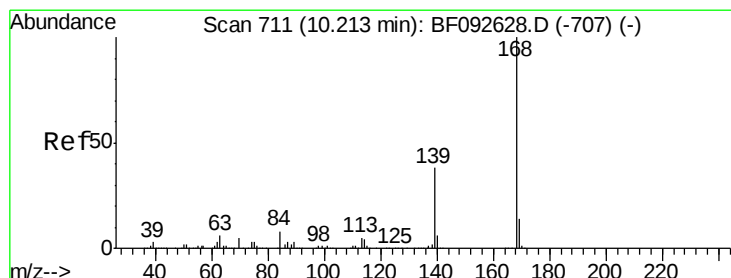
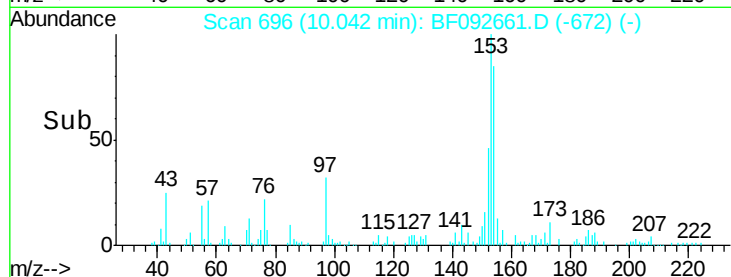
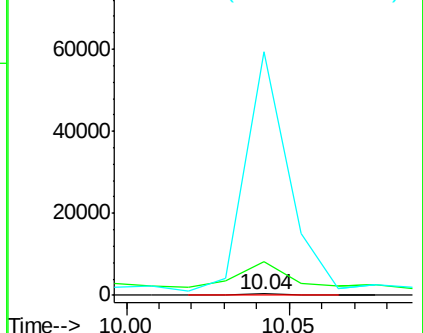
#53
2,4-Dinitrophenol
Concen: 4.84 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:184 Resp: 207
Ion Ratio Lower Upper
184 100
63 2752.6 28.4 42.6#
154 19658.3 44.3 66.5#

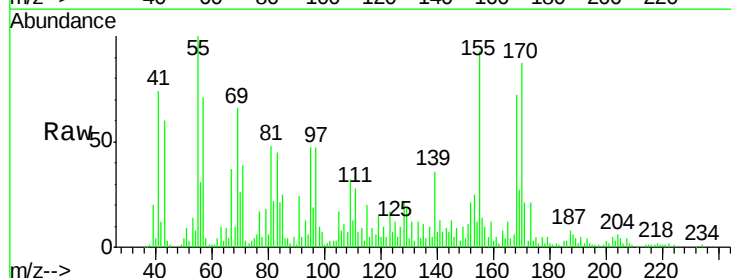


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

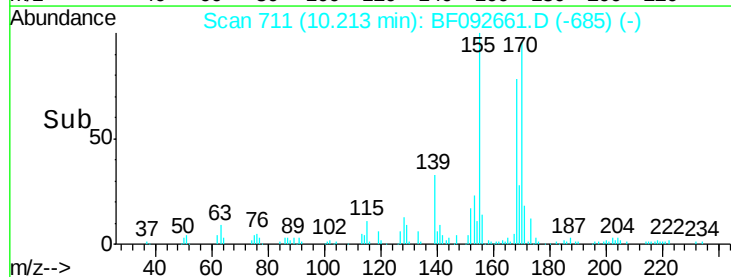
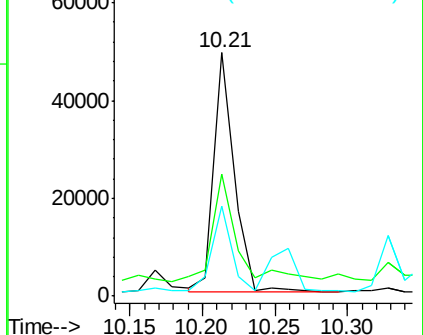


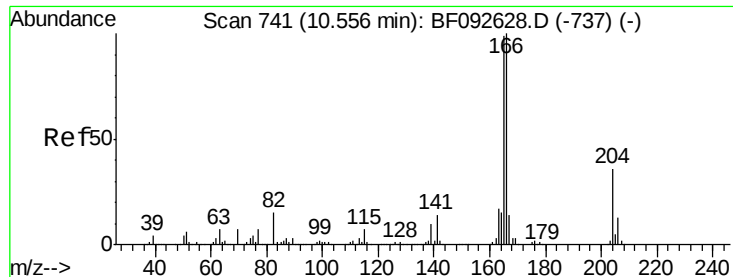
#54
Dibenzofuran
Concen: 2.42 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:168 Resp: 48580
Ion Ratio Lower Upper
168 100
139 50.1 32.6 49.0#
169 37.1 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: 4.12 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

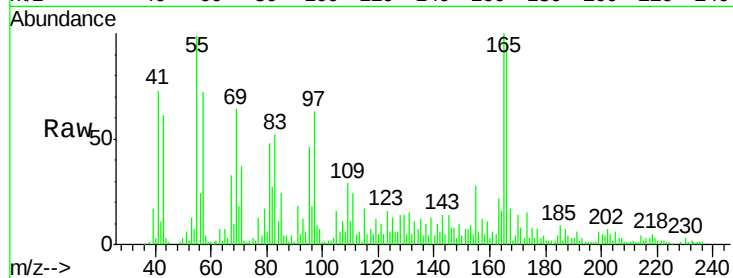
Tgt Ion:166 Resp: 63615

Ion Ratio Lower Upper

166 100

165 103.8 77.8 116.8

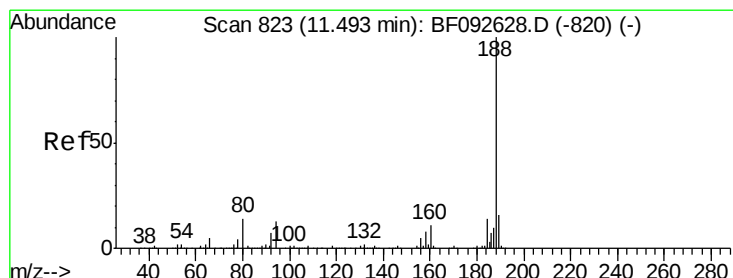
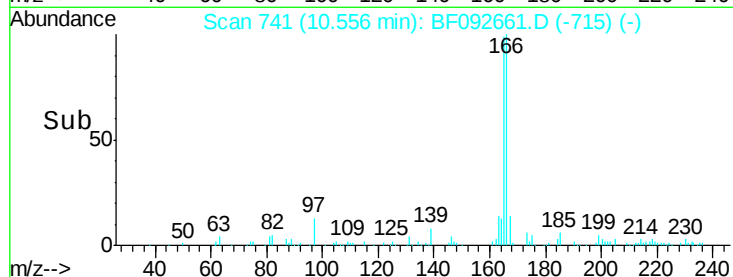
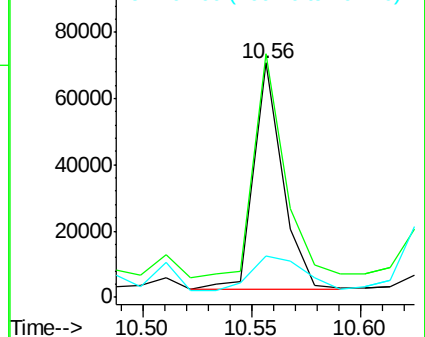
167 17.7 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 824

Delta R.T. 0.01 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

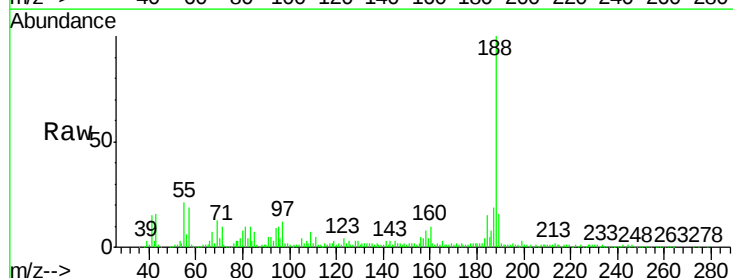
Tgt Ion:188 Resp: 379456

Ion Ratio Lower Upper

188 100

94 8.6 10.0 15.0#

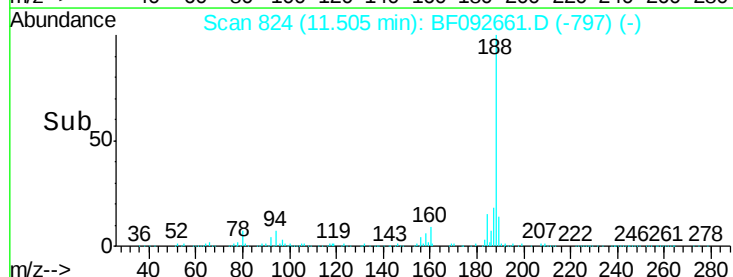
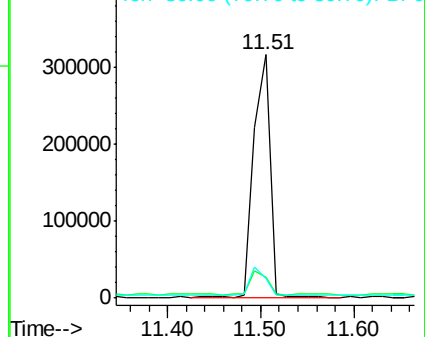
80 8.1 11.2 16.8#

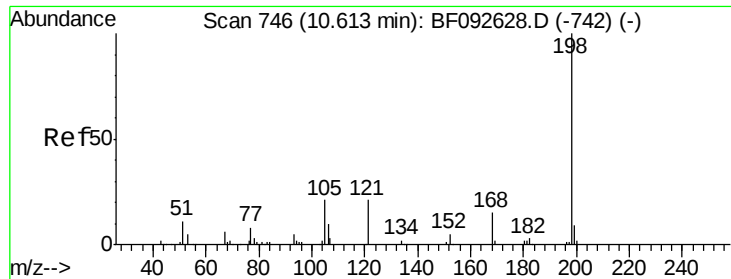


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.83 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

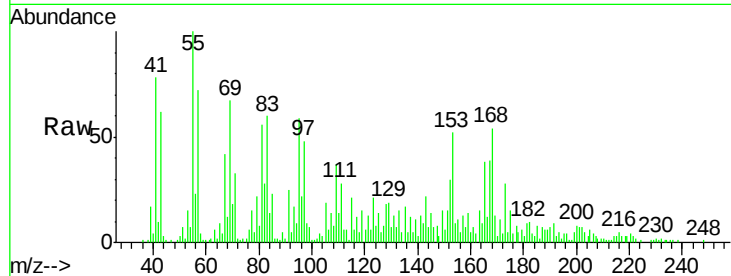
Tgt Ion:198 Resp: 400

Ion Ratio Lower Upper

198 100

51 565.9 6.7 46.7#

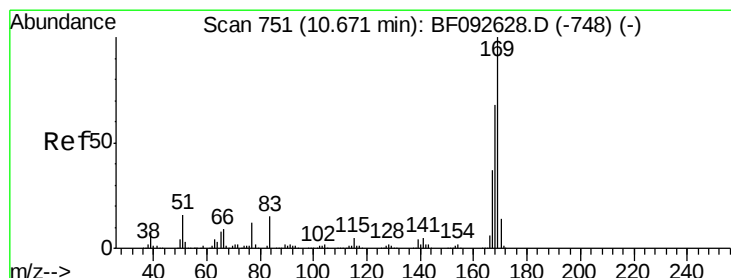
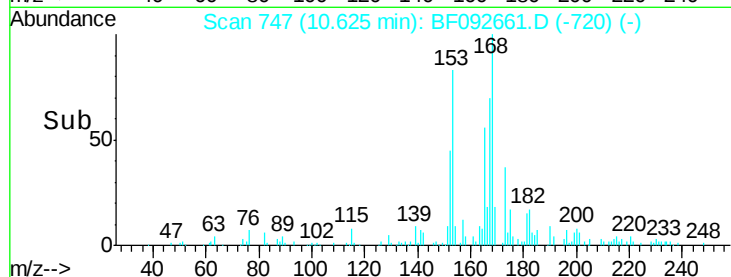
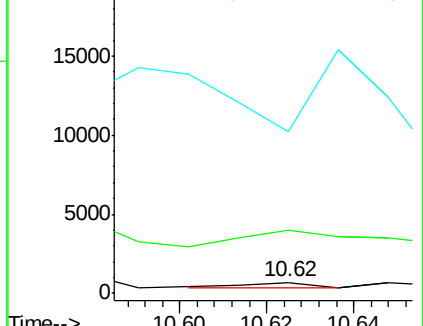
105 1442.9 16.6 56.6#



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: 3.44 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

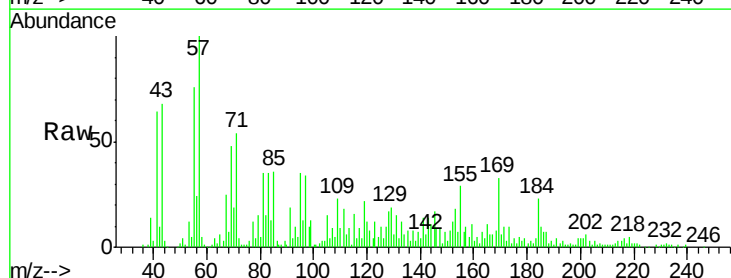
Tgt Ion:169 Resp: 41695

Ion Ratio Lower Upper

169 100

168 23.2 54.2 81.2#

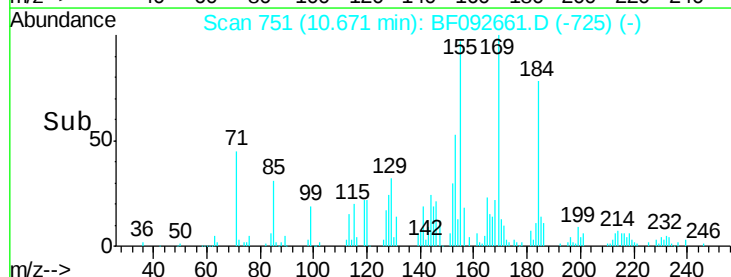
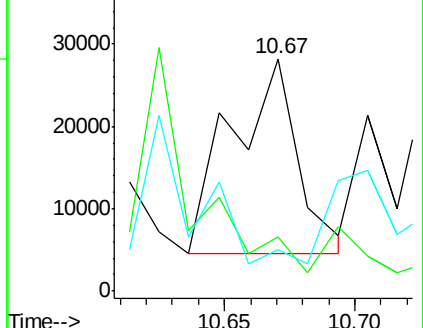
167 17.7 30.2 45.4#

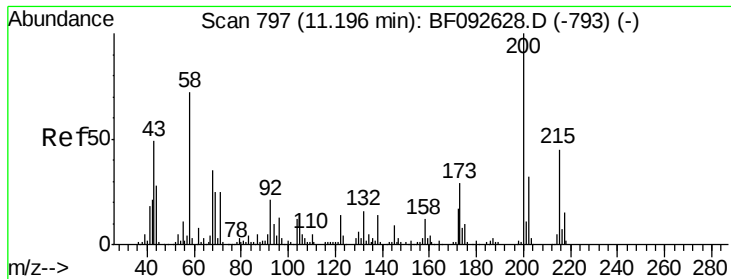


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 2.03 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.17 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

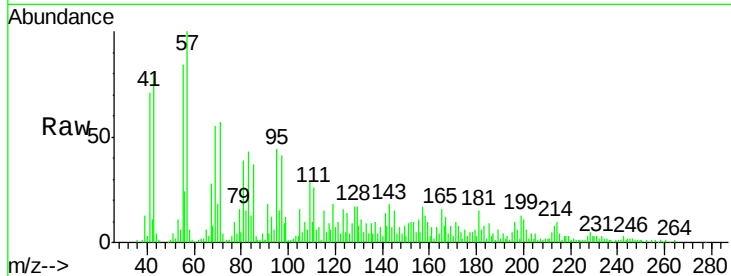
Tgt Ion:200 Resp: 7883

Ion Ratio Lower Upper

200 100

173 48.7 9.6 49.6

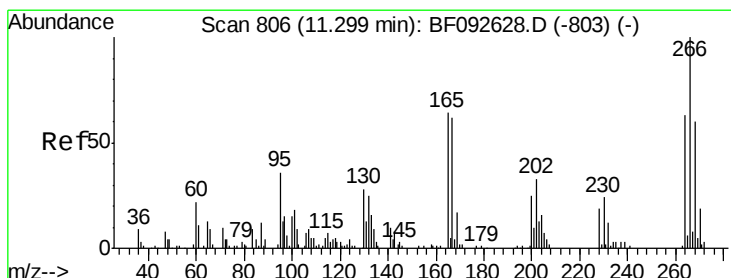
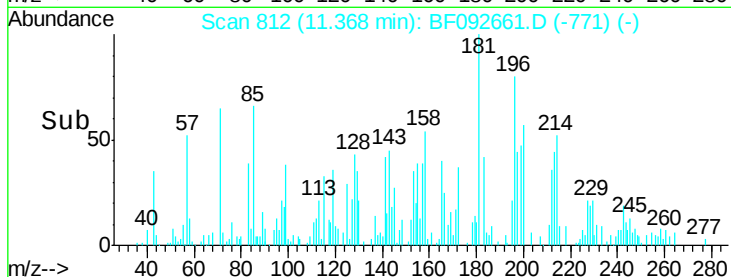
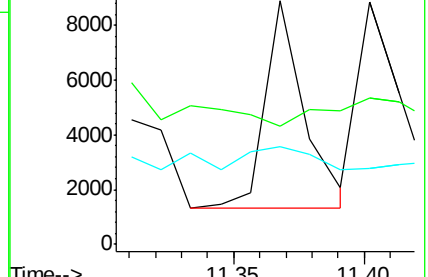
215 39.9 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 7.56 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.17 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

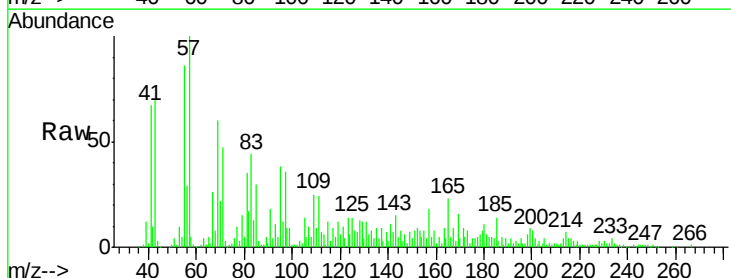
Tgt Ion:266 Resp: 796

Ion Ratio Lower Upper

266 100

268 0.0 53.3 79.9#

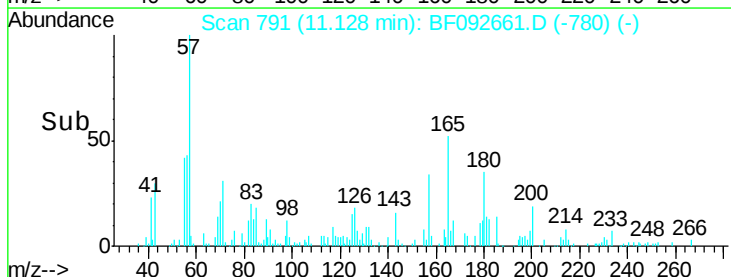
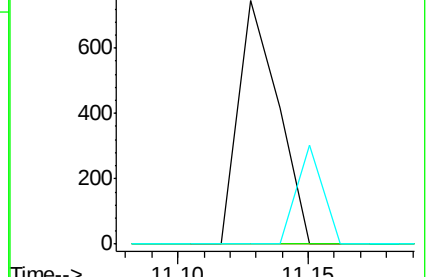
264 0.0 50.3 75.5#

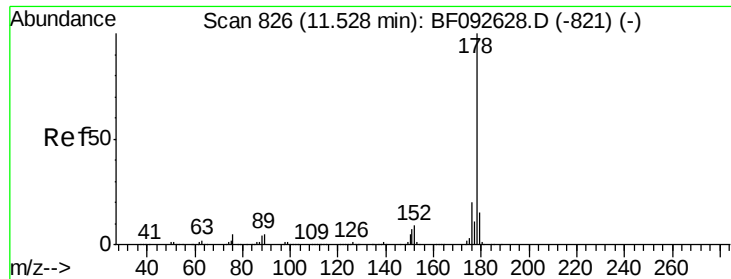


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

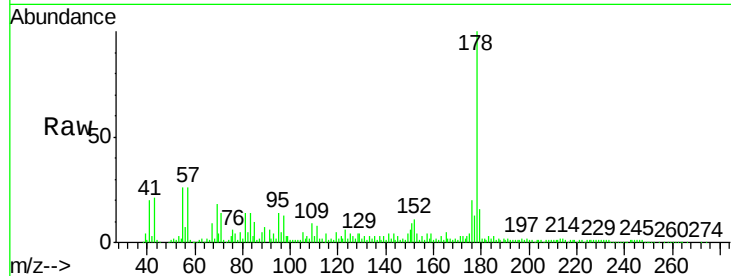




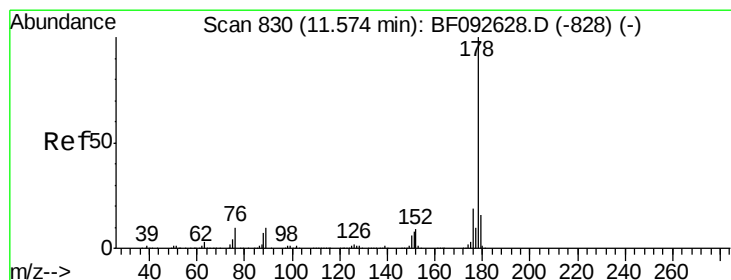
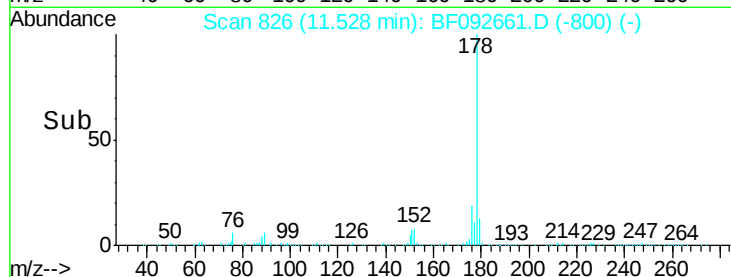
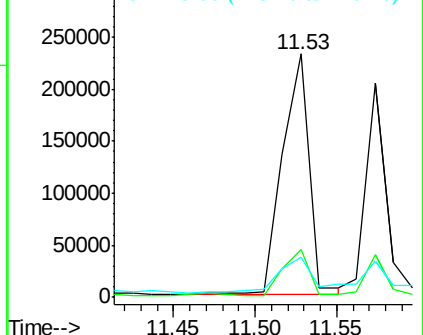
#70
Phenanthrene
Concen: 12.13 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:178 Resp: 263794
Ion Ratio Lower Upper
178 100
176 19.7 16.6 25.0
179 16.3 12.8 19.2

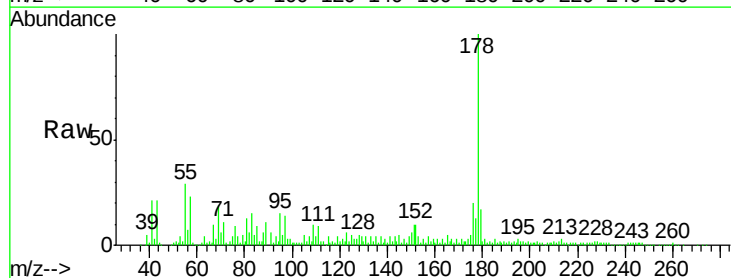


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

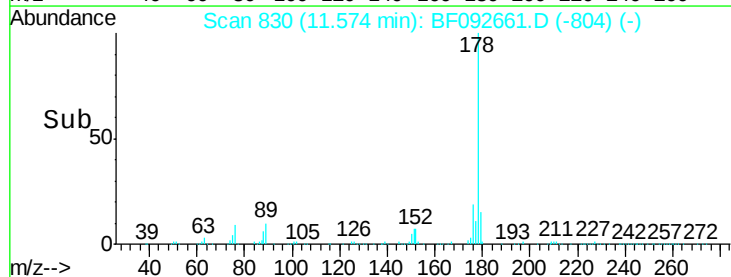
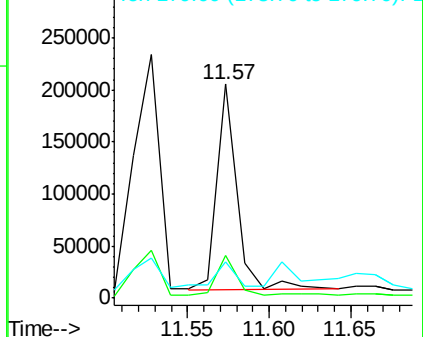


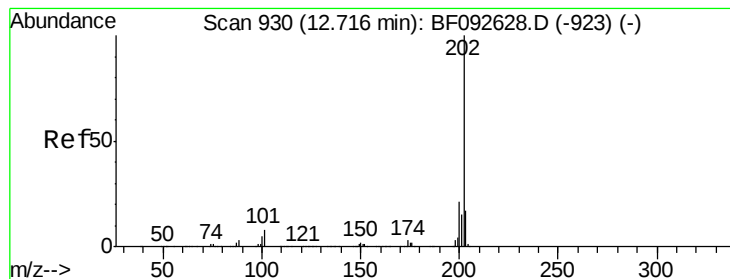
#71
Anthracene
Concen: 7.84 ng
RT: 11.57 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:178 Resp: 171128
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.8 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





#74

Fluoranthene

Concen: 20.84 ng

RT: 12.72 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

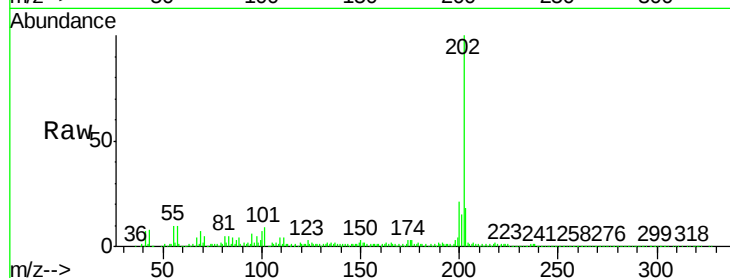
Tgt Ion:202 Resp: 467422

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.6

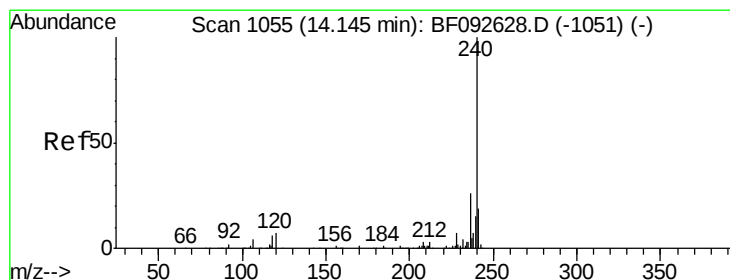
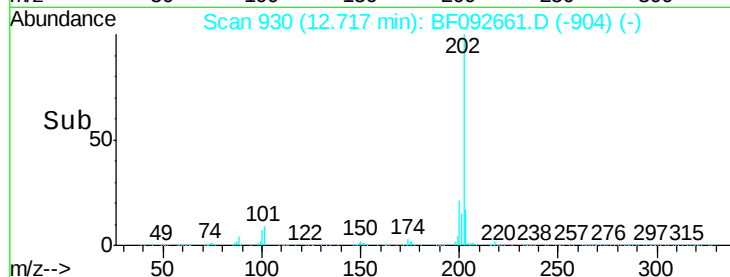
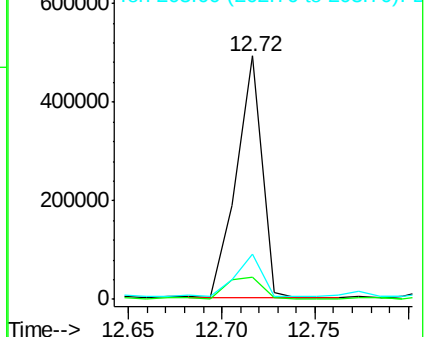
203 18.4 0.0 38.7



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: 14.15 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

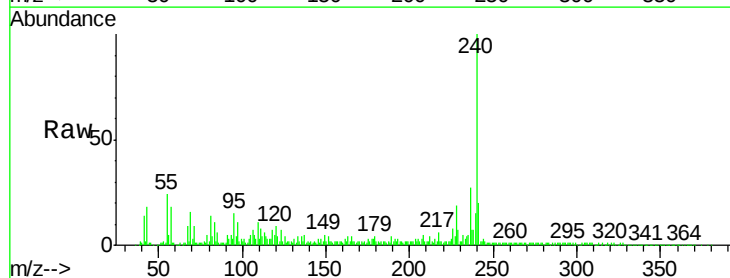
Tgt Ion:240 Resp: 300940

Ion Ratio Lower Upper

240 100

120 9.1 12.9 19.3#

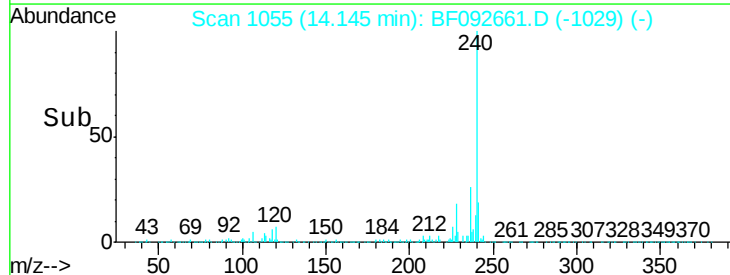
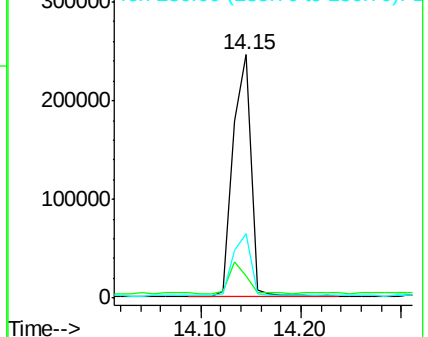
236 26.7 20.9 31.3

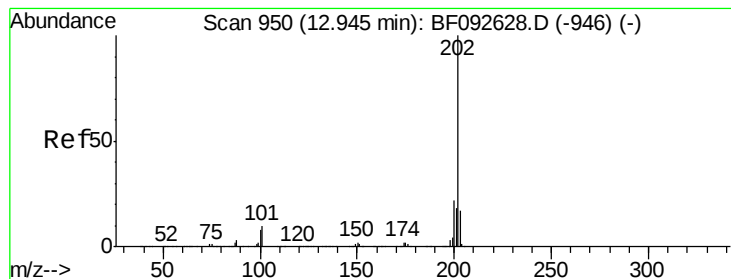


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 22.01 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

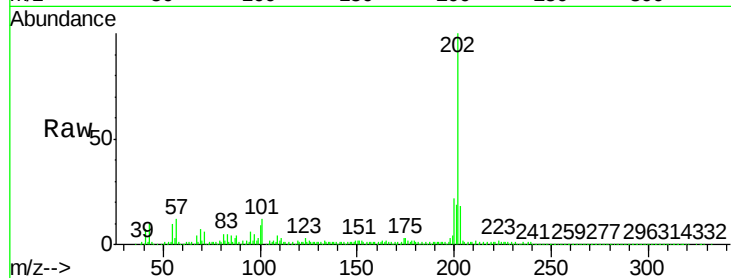
Tgt Ion:202 Resp: 495780

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

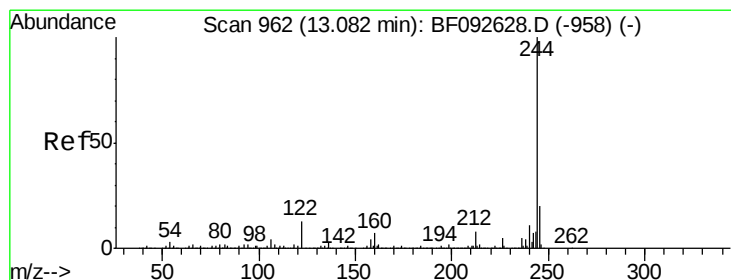
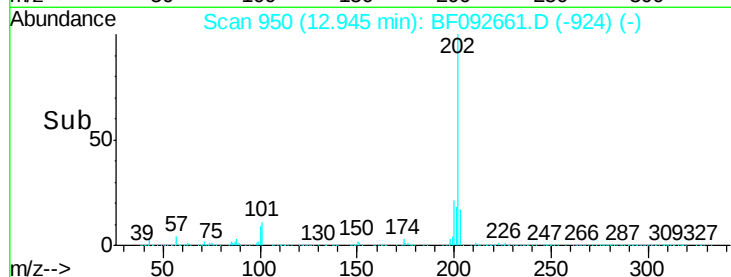
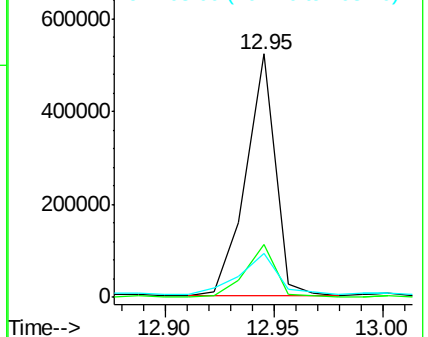
203 18.2 14.7 22.1



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: 51.70 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

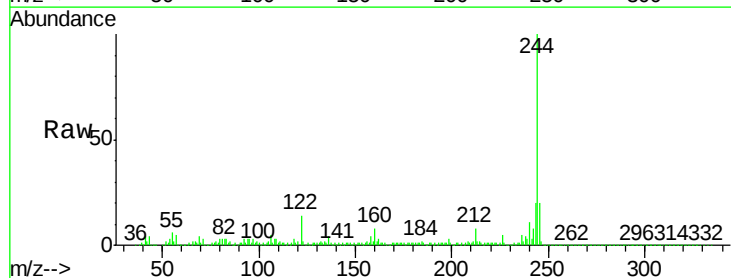
Tgt Ion:244 Resp: 662150

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

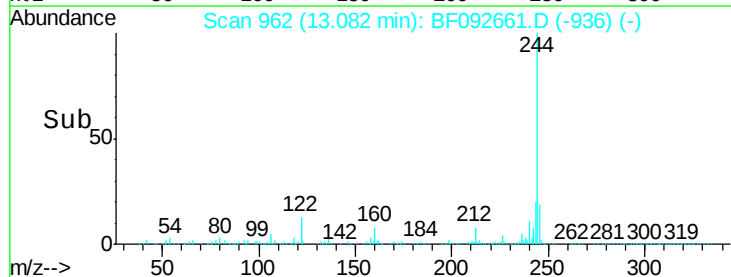
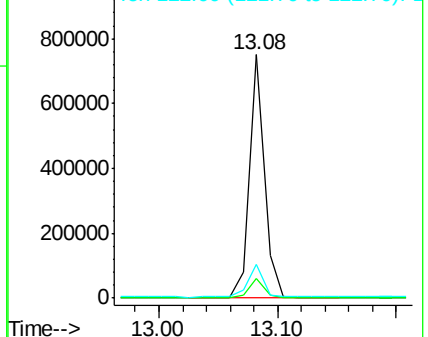
122 13.8 11.4 17.2

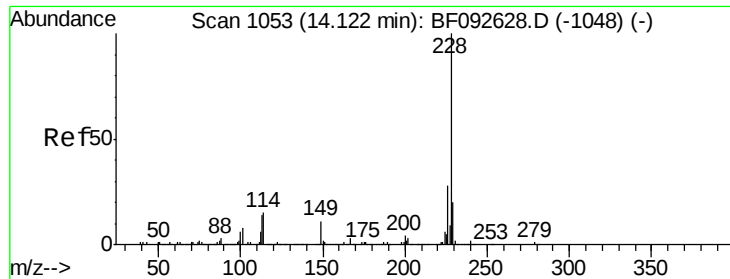


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 11.07 ng

RT: 14.13 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

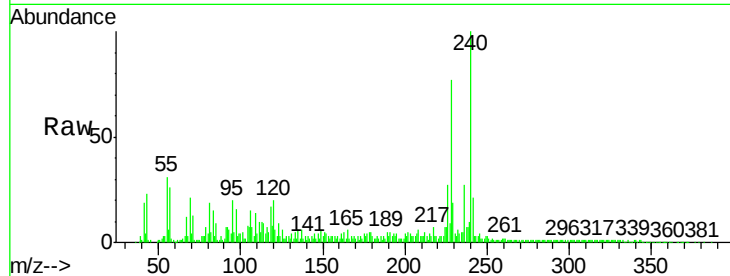
Tgt Ion:228 Resp: 203790

Ion Ratio Lower Upper

228 100

226 34.7 22.4 33.6#

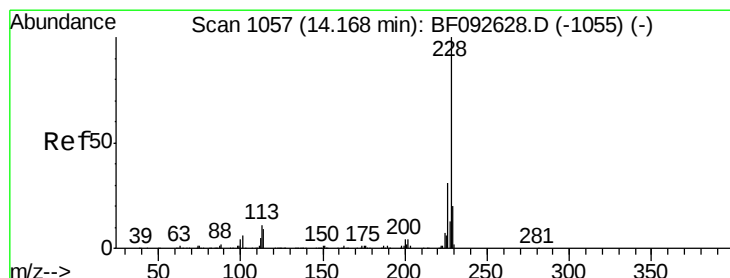
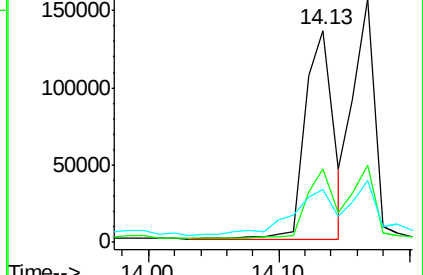
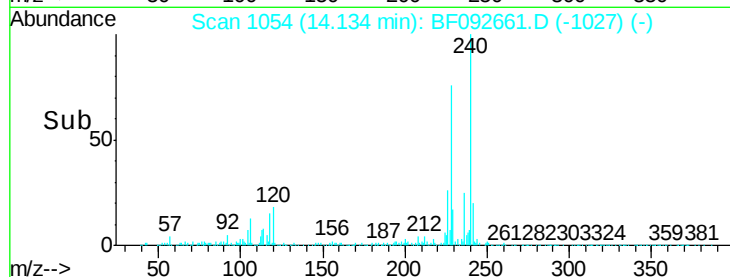
229 25.0 16.2 24.4#



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



#82

Chrysene

Concen: 11.83 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

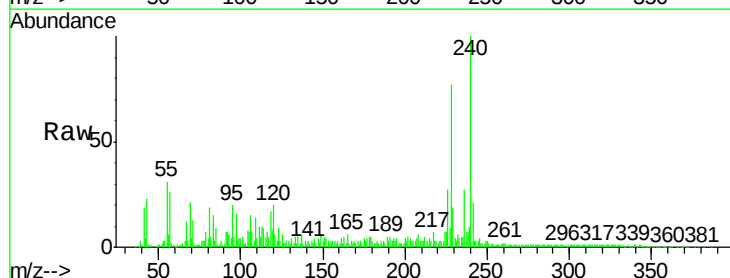
Tgt Ion:228 Resp: 203790

Ion Ratio Lower Upper

228 100

226 34.7 25.4 38.0

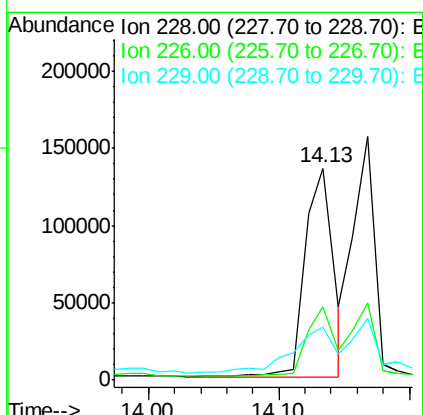
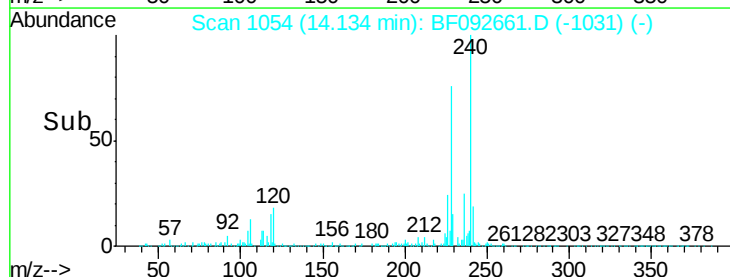
229 25.0 16.2 24.2#

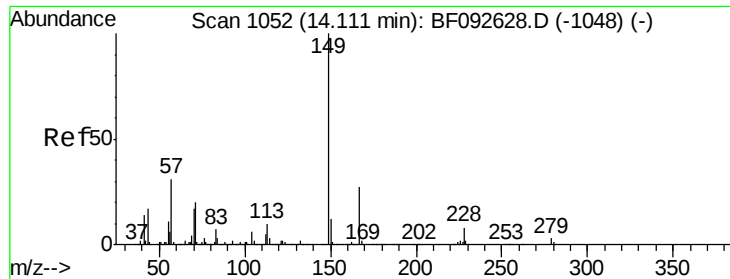


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 11.12 ng

RT: 14.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

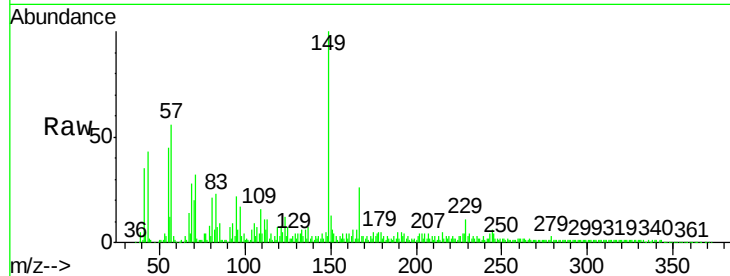
Tgt Ion:149 Resp: 139081

Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

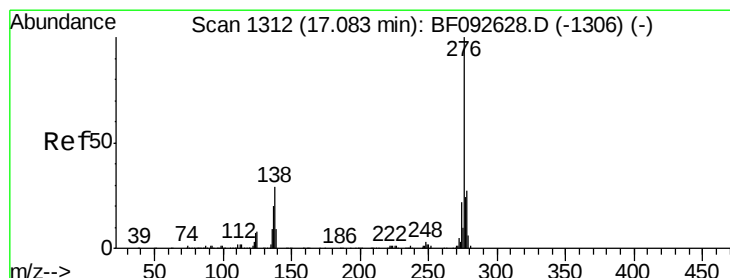
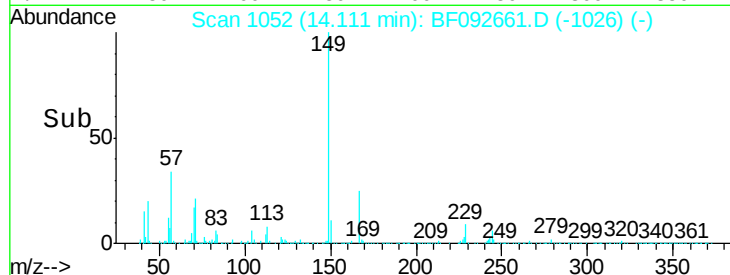
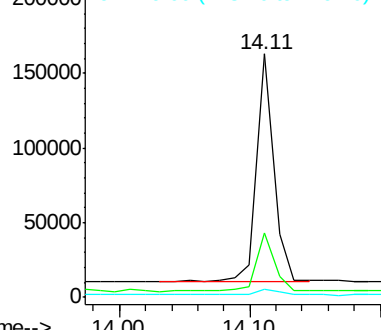
279 3.1 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 8.07 ng

RT: 17.11 min Scan# 1314

Delta R.T. 0.02 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

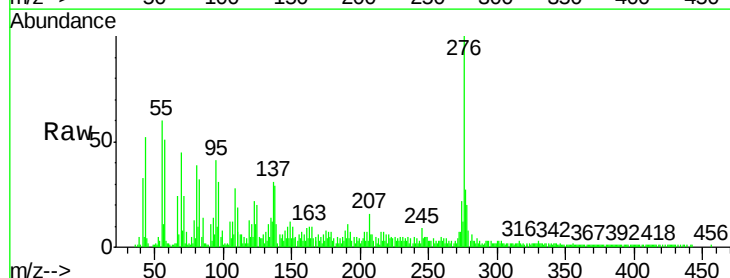
Tgt Ion:276 Resp: 107757

Ion Ratio Lower Upper

276 100

138 27.8 21.8 32.6

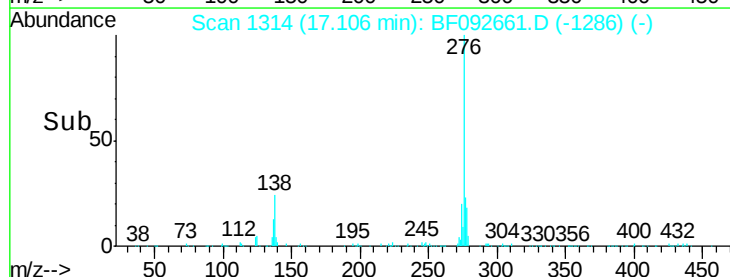
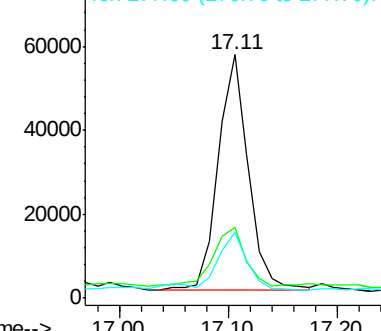
277 27.6 20.2 30.4

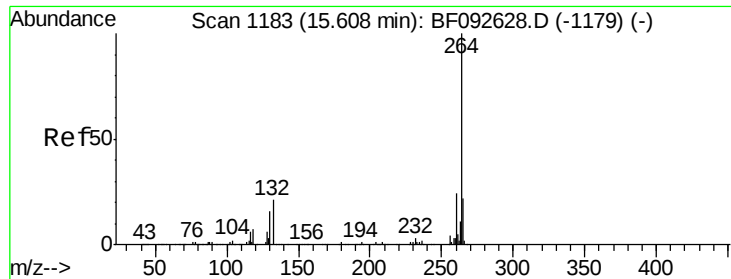


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

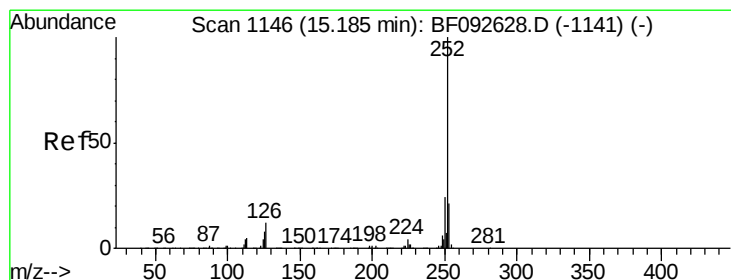
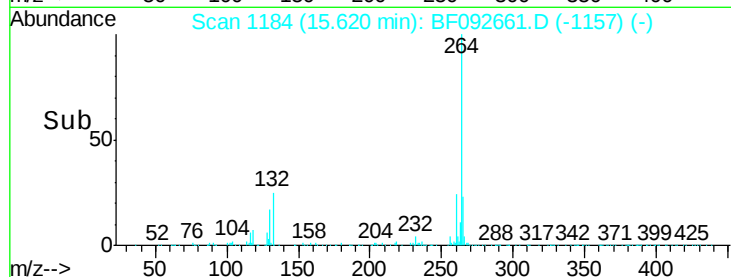
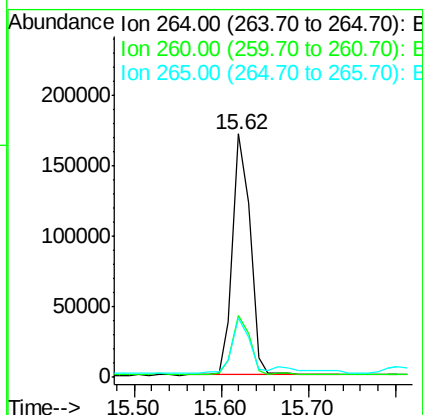
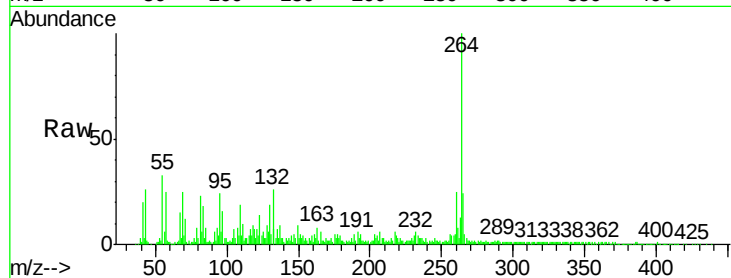




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

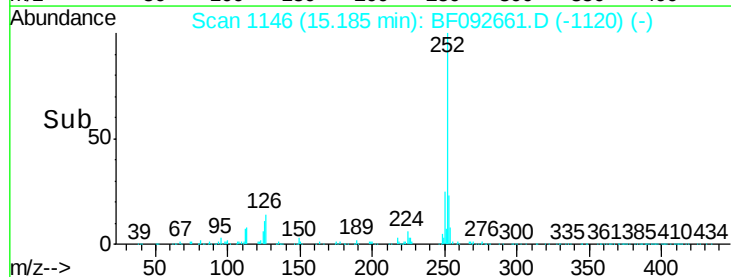
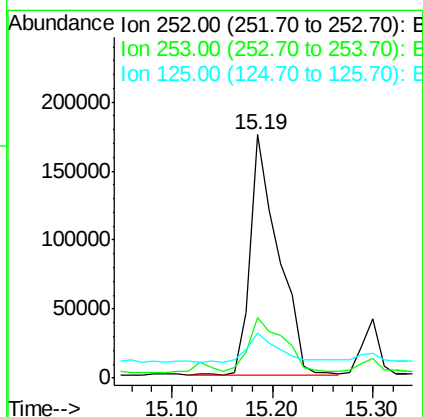
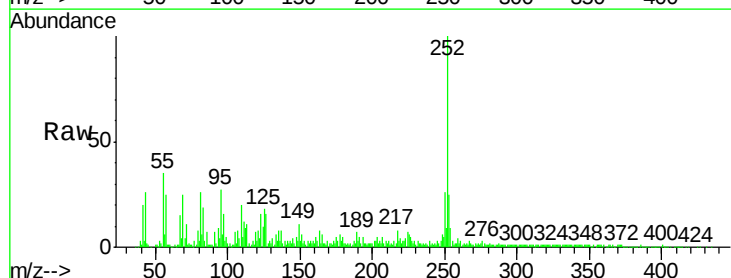
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

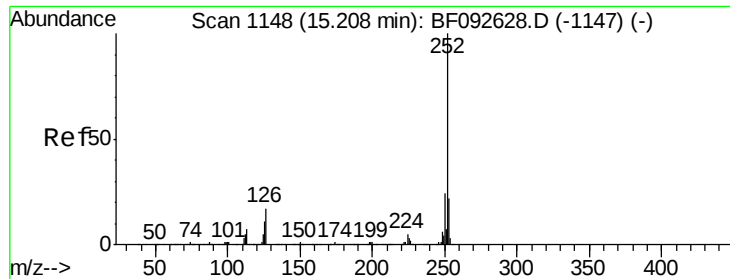
Tgt Ion: 264 Resp: 241194
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 24.2 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 21.21 ng
RT: 15.19 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion: 252 Resp: 336705
Ion Ratio Lower Upper
252 100
253 24.9 18.2 27.4
125 18.4 9.8 14.6#





#88

Benzo(k)fluoranthene

Concen: 24.56 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.02 min

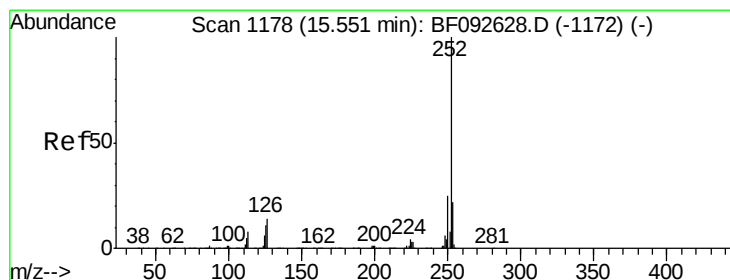
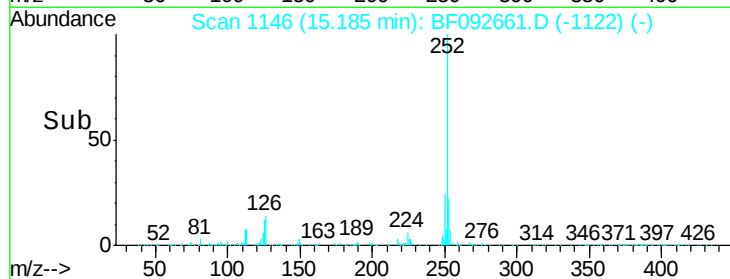
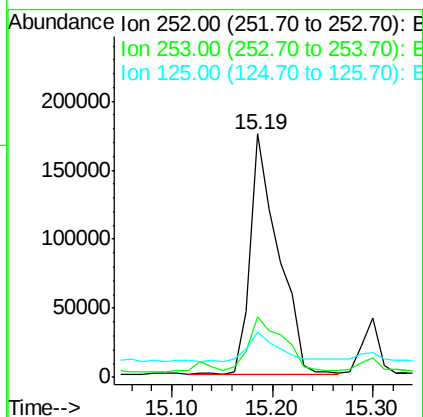
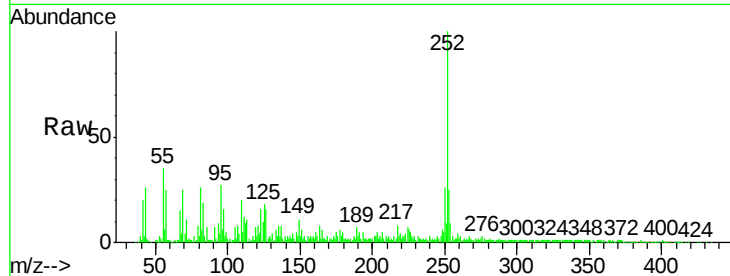
Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion: 252 Resp: 336705

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.5	27.7
125	18.4	8.9	13.3#



#89

Benzo(a)pyrene

Concen: 11.96 ng

RT: 15.56 min Scan# 1179

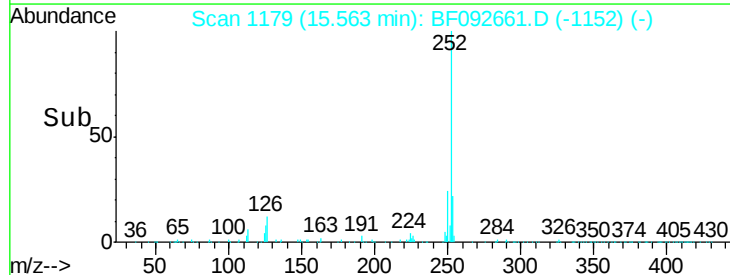
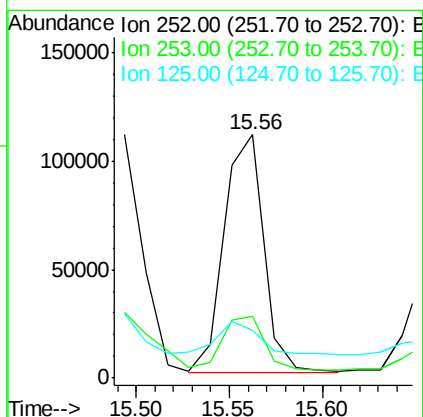
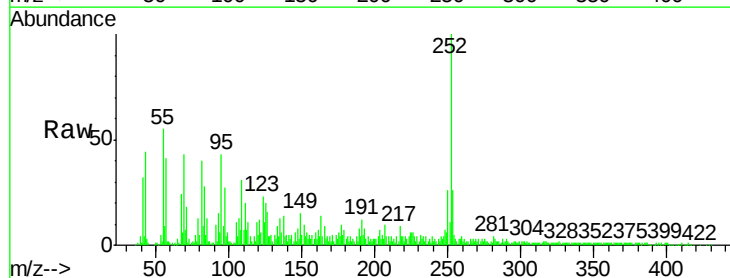
Delta R.T. 0.01 min

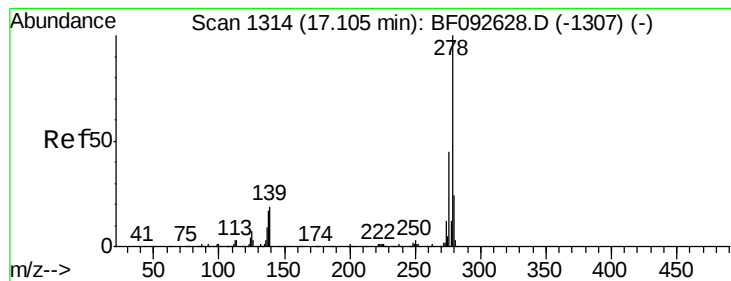
Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Tgt Ion: 252 Resp: 164181

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	19.6	10.0	15.0#





#90

Dibenzo(a,h)anthracene

Concen: 2.60 ng

RT: 17.12 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

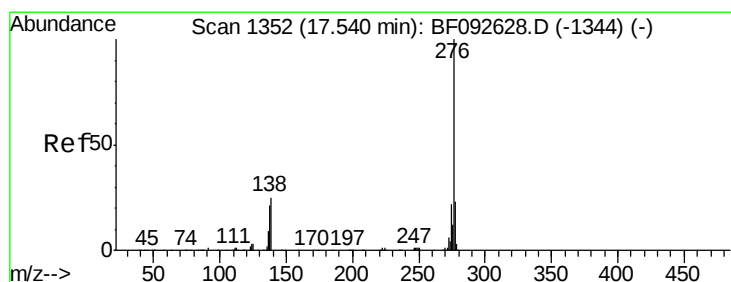
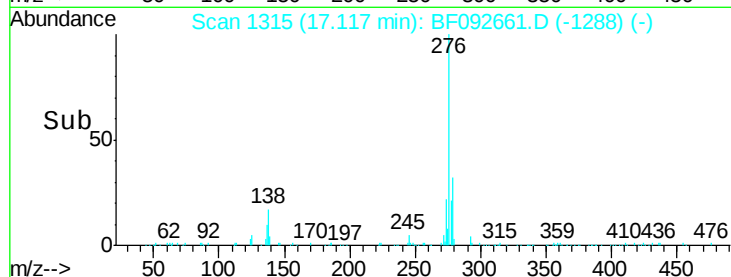
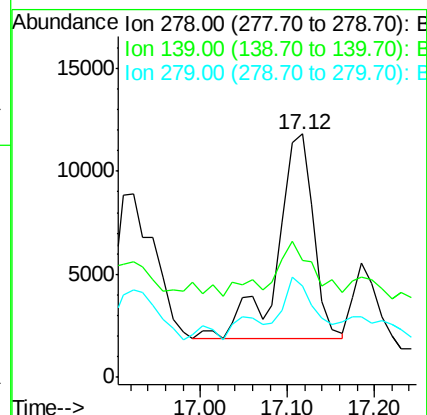
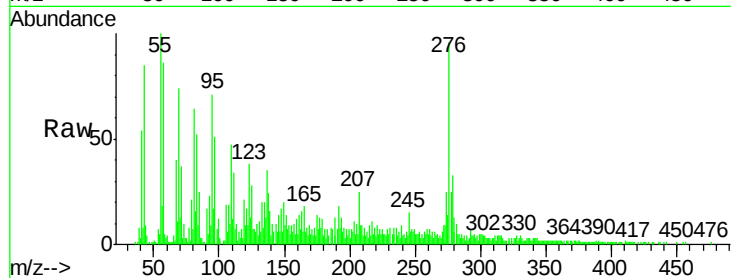
Tgt Ion: 278 Resp: 28828

Ion Ratio Lower Upper

278 100

139 48.0 14.8 22.2#

279 37.7 19.8 29.6#



#91

Benzo(g,h,i)perylene

Concen: 10.10 ng

RT: 17.56 min Scan# 1354

Delta R.T. 0.02 min

Lab File: BF092661.D

Acq: 31 Jan 2017 3:55

Tgt Ion: 276 Resp: 113204

Ion Ratio Lower Upper

276 100

277 26.9 19.2 28.8

138 28.0 16.0 24.0#

