

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092597.D
 Acq On : 28 Jan 2017 1:05
 Operator : SJ/MA
 Sample : I1531-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

Quant Time: Jan 28 04:15:06 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	159471	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	600868	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	254092	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	336953	20.00	ng	0.00
75) Chrysene-d12	14.18	240	271054	20.00	ng	0.01
86) Perylene-d12	15.68	264	198107	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1337059	130.45	ng	0.05
7) Phenol-d6	6.62	99	1713512	131.24	ng	0.03
23) Nitrobenzene-d5	7.55	82	1195215	108.66	ng	0.01
41) 2,4,6-Tribromophenol	10.83	330	246381	142.29	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1535358	111.74	ng	0.00
78) Terphenyl-d14	13.12	244	1072693	105.38	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.64	94	89355	5.67	ng	89
15) Benzyl Alcohol	7.13	79	21047	2.14	ng	# 46
18) Hexachloroethane	7.47	117	10669	2.42	ng	# 1
22) Acetophenone	7.37	105	76033	5.31	ng	# 52
25) Isophorone	7.79	82	54445	2.51	ng	# 1
31) Naphthalene	8.29	128	155438	5.05	ng	# 92
32) Benzoic acid	8.05	122	5906	5.40	ng	# 13
35) Caprolactam	8.69	113	45179	15.54	ng	# 1
37) 2-Methylnaphthalene	8.99	142	122247	6.28	ng	# 97
48) Acenaphthylene	9.89	152	92329	4.20	ng	# 77
49) Dimethylphthalate	9.74	163	206593	12.79	ng	# 89
51) Acenaphthene	10.08	154	92301	6.75	ng	# 88
53) 2,4-Dinitrophenol	10.11	184	642	3.45	ng	# 1
54) Dibenzofuran	10.25	168	94646	5.10	ng	# 94
55) 4-Nitrophenol	10.14	139	12123	3.69	ng	# 1
57) Fluorene	10.59	166	117930	8.57	ng	# 92
64) 4,6-Dinitro-2-methylphenol	10.66	198	541	5.22	ng	# 1
65) n-Nitrosodiphenylamine	10.69	169	81645	7.76	ng	# 48
68) Atrazine	11.40	200	14230	3.95	ng	# 77
70) Phenanthrene	11.55	178	442378	23.84	ng	# 97
71) Anthracene	11.61	178	446980	24.65	ng	# 99
72) Carbazole	11.77	167	67020	3.87	ng	# 79
74) Fluoranthene	12.75	202	772362	42.55	ng	# 96
77) Pyrene	12.98	202	792913	40.37	ng	# 100
80) Benzo(a)anthracene	14.17	228	308599	21.18	ng	# 90
82) Chrysene	14.17	228	308599	19.84	ng	# 95
83) Bis(2-ethylhexyl)phthalate	14.15	149	225004	22.45	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.20	276	160027	13.90	ng	# 97
87) Benzo(b)fluoranthene	15.24	252	541691	42.59	ng	# 91
88) Benzo(k)fluoranthene	15.24	252	540729	51.13	ng	# 90
89) Benzo(a)pyrene	15.62	252	246442	22.91	ng	# 91
90) Dibenzo(a,h)anthracene	17.20	278	36439	4.19	ng	# 59
91) Benzo(g,h,i)perylene	17.65	276	183942	20.91	ng	# 88

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

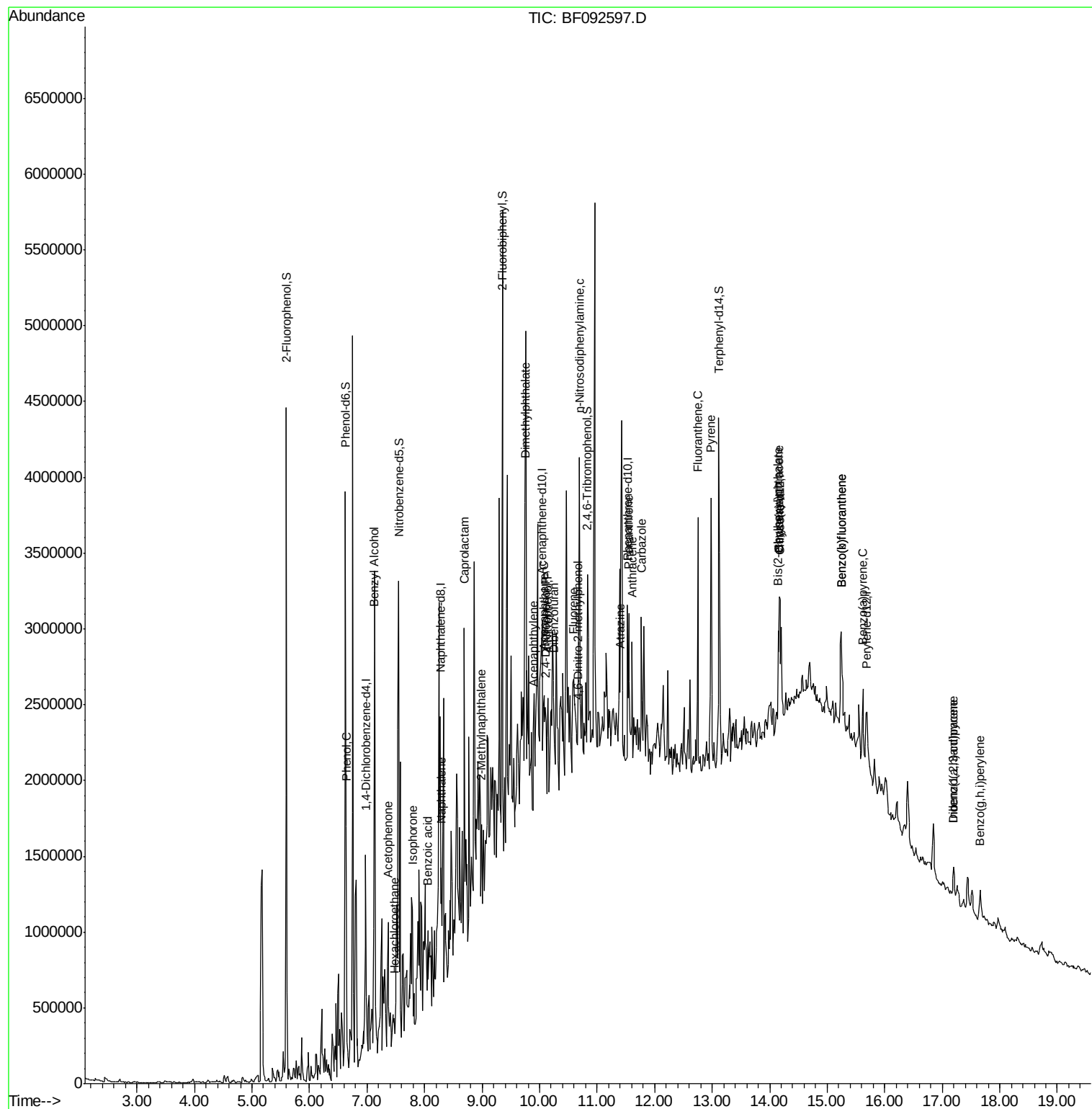
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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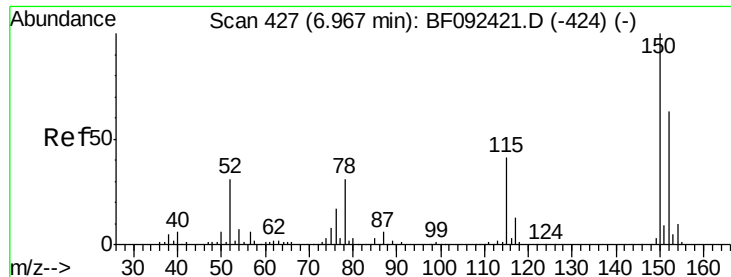
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

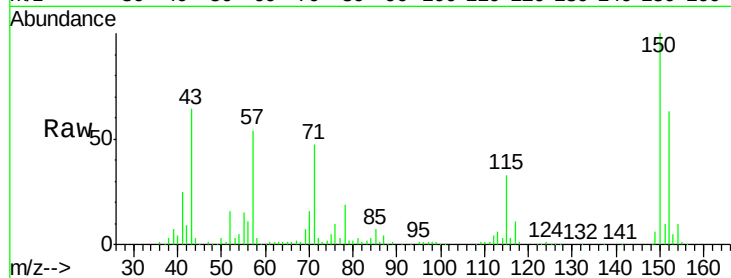
Tgt Ion:152 Resp: 159471

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

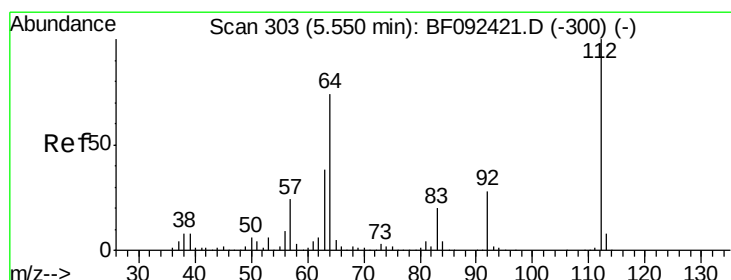
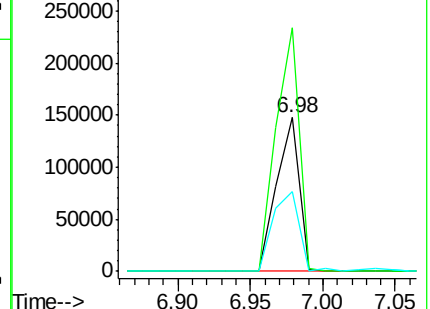
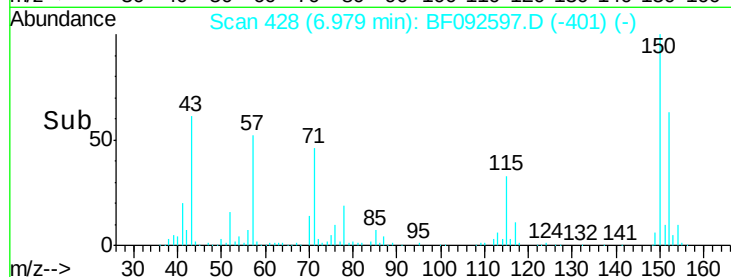
115 51.6 46.0 69.0



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: 130.45 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

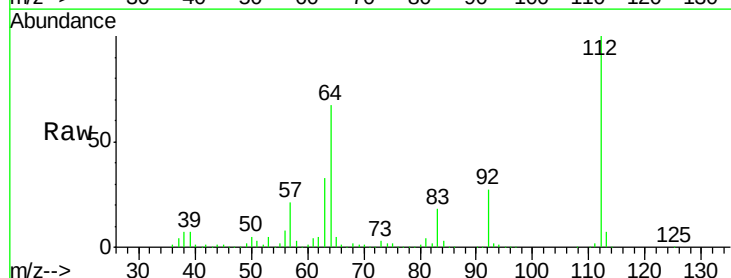
Tgt Ion:112 Resp: 1337059

Ion Ratio Lower Upper

112 100

64 66.5 46.1 69.1

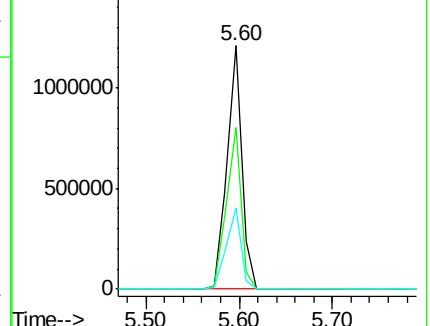
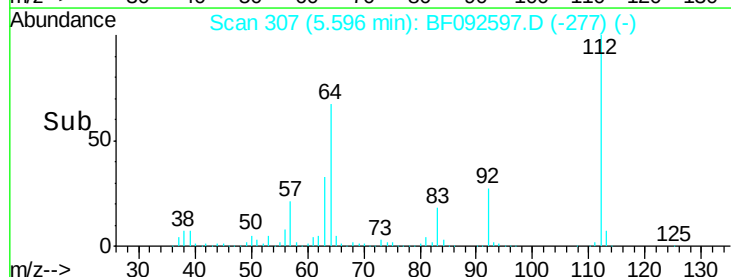
63 33.4 23.8 35.6

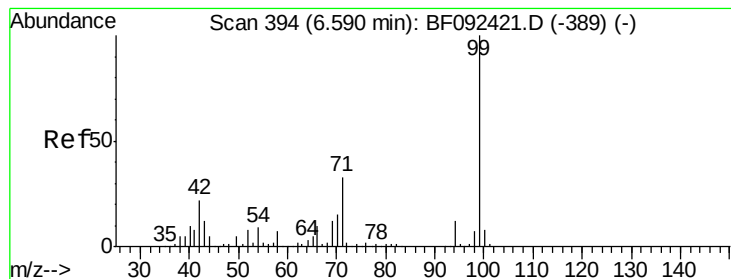


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.24 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

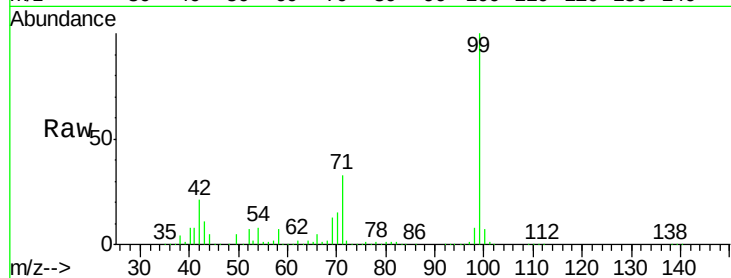
Tgt Ion: 99 Resp: 1713512

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

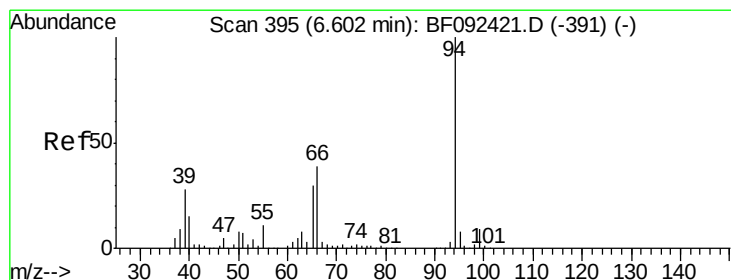
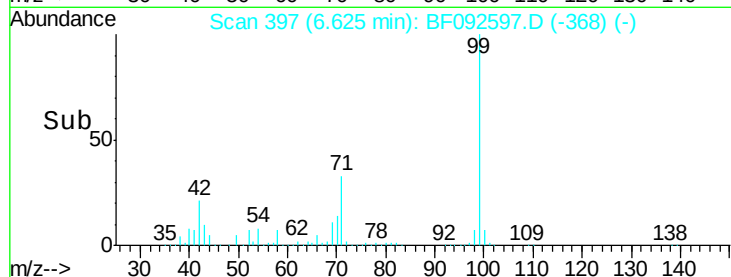
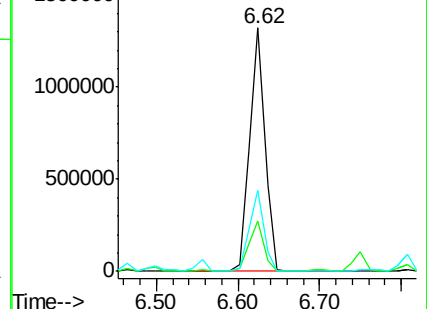
71 33.0 27.5 41.3



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: 5.67 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

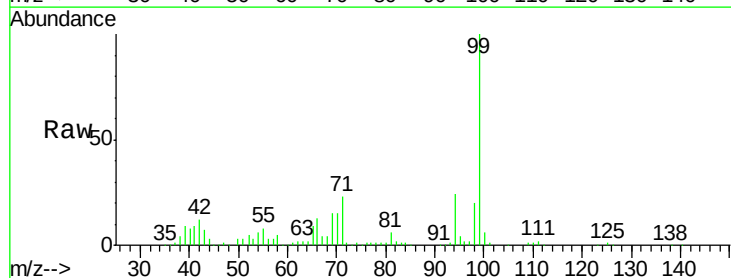
Tgt Ion: 94 Resp: 89355

Ion Ratio Lower Upper

94 100

65 36.1 21.4 61.4

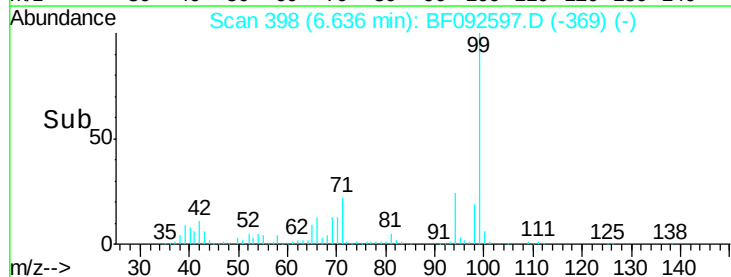
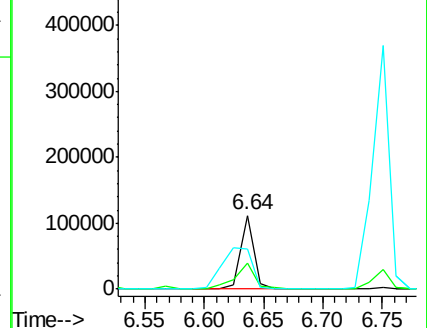
66 53.8 44.0 84.0

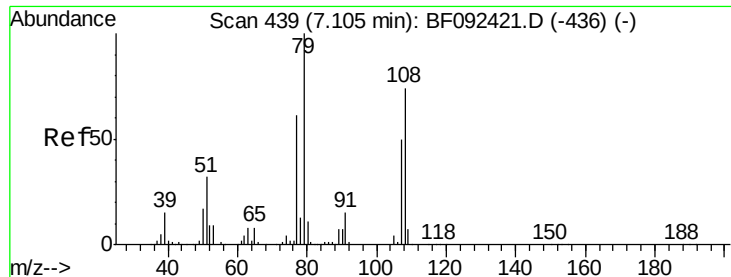


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.13 min Scan# 441

Delta R.T. 0.02 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

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ClientSampleId :

EDC-HPRR-S3C3

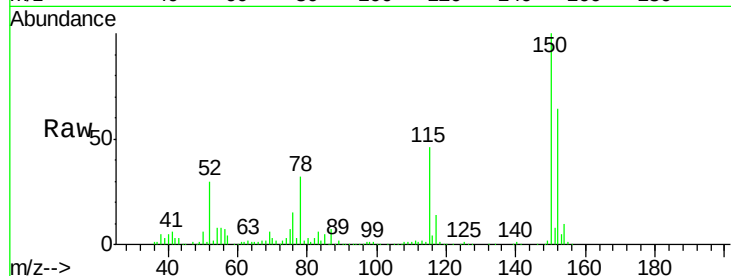
Tgt Ion: 79 Resp: 21047

Ion Ratio Lower Upper

79 100

108 27.5 61.4 92.0#

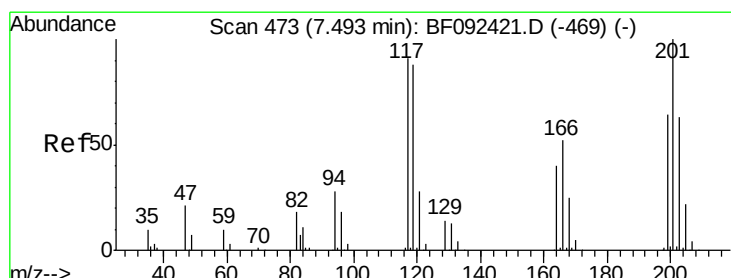
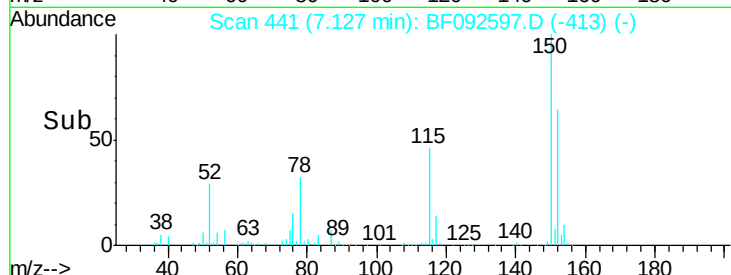
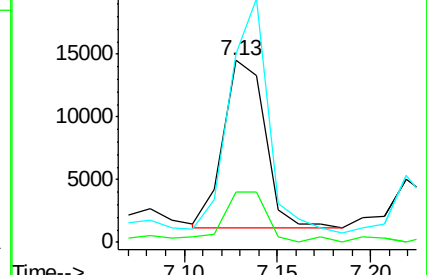
77 103.7 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 2.42 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

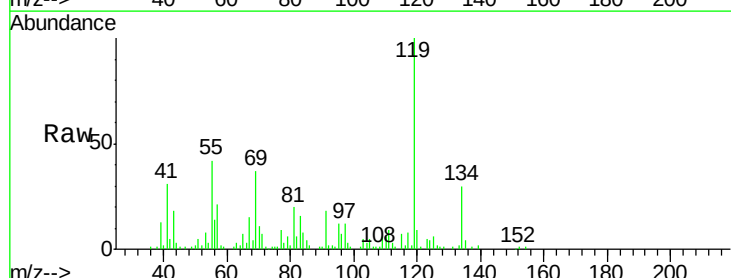
Tgt Ion: 117 Resp: 10669

Ion Ratio Lower Upper

117 100

119 1257.1 78.1 117.1#

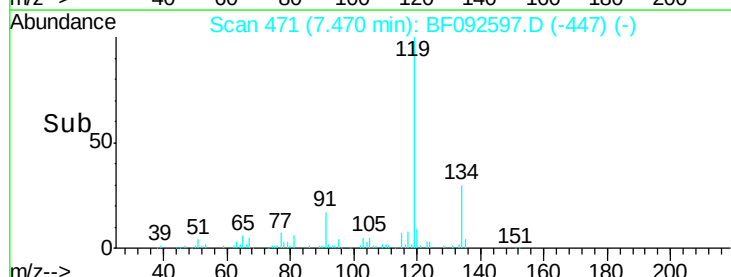
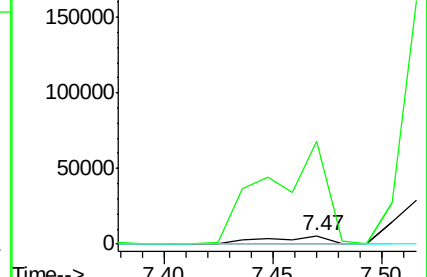
201 0.0 78.6 117.8#

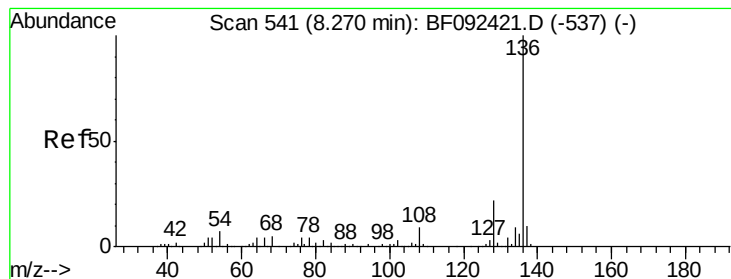


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

Tgt Ion:136 Resp: 600868

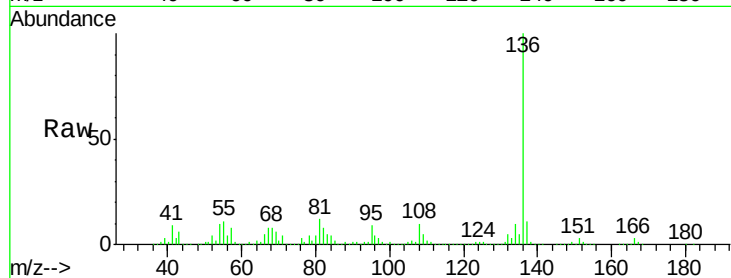
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 10.1 4.5 6.7#

68 7.8 3.6 5.4#

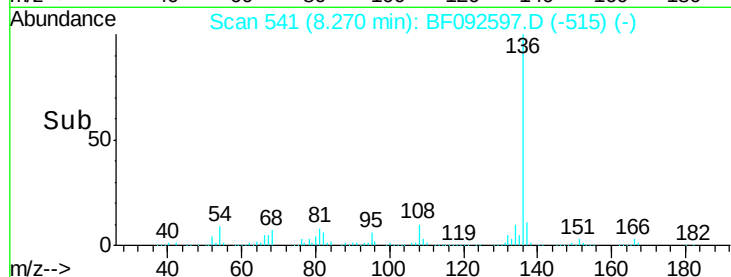


Abundance Ion 136.00 (135.70 to 136.70): E

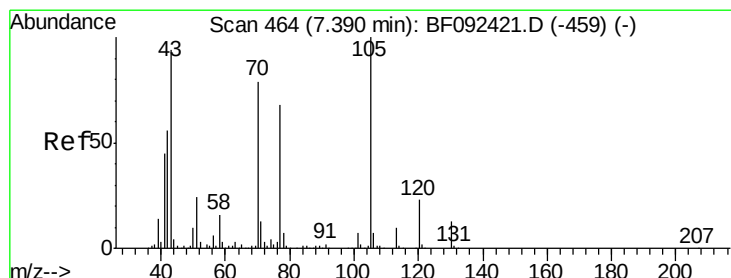
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.10 8.20 8.30



#22

Acetophenone

Concen: 5.31 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Tgt Ion:105 Resp: 76033

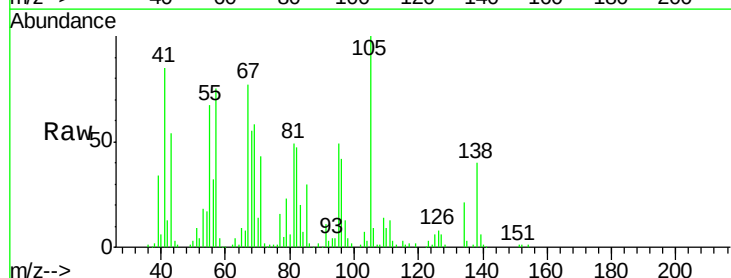
Ion Ratio Lower Upper

105 100

71 42.6 3.2 4.8#

51 8.8 26.2 39.4#

120 0.0 16.6 24.8#

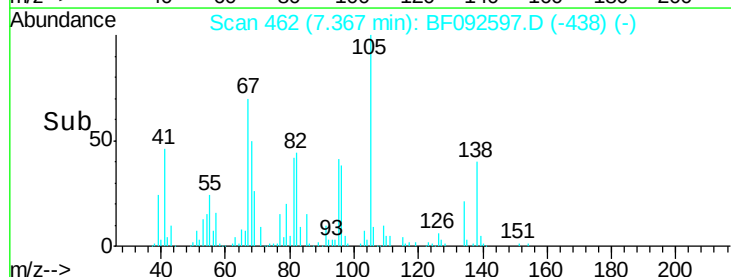


Abundance Ion 105.00 (104.70 to 105.70): E

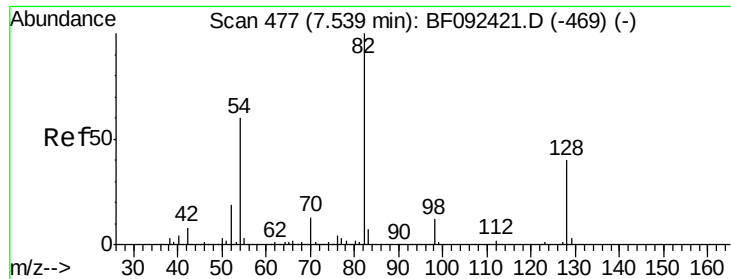
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



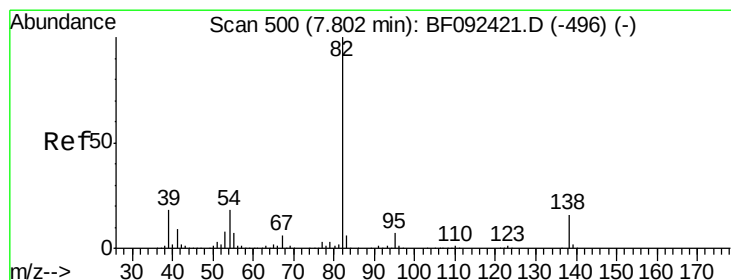
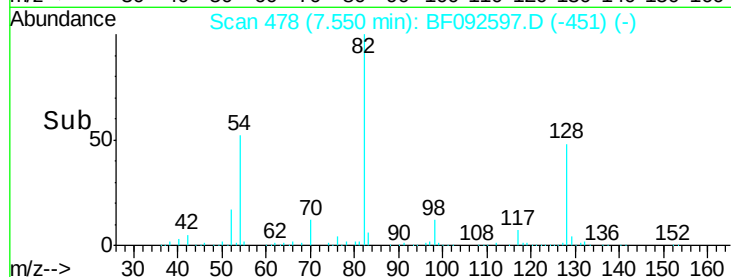
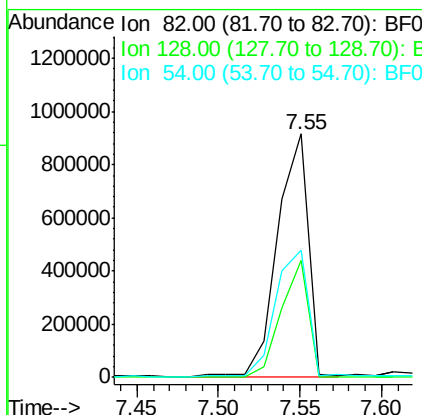
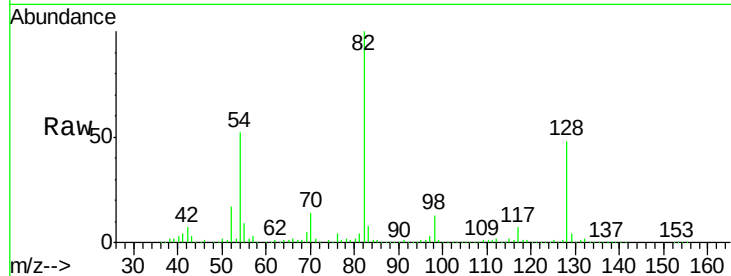
Time--> 7.30 7.35 7.40



#23
 Nitrobenzene-d5
 Concen: 108.66 ng
 RT: 7.55 min Scan# 478
 Delta R.T. 0.01 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

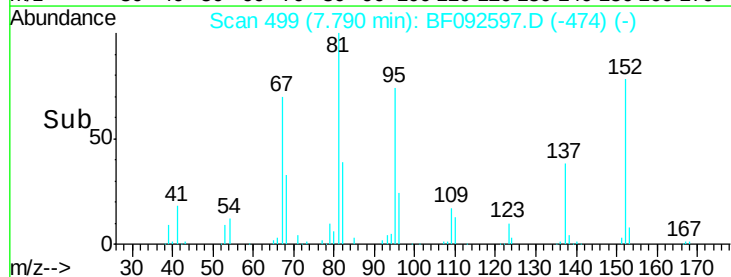
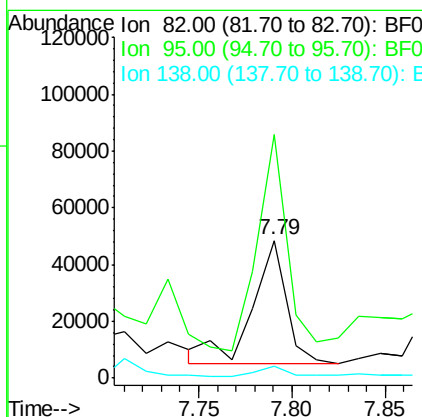
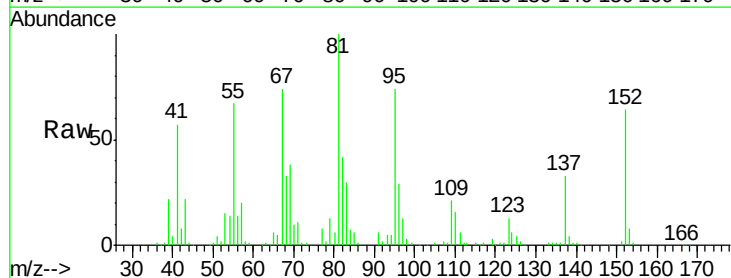
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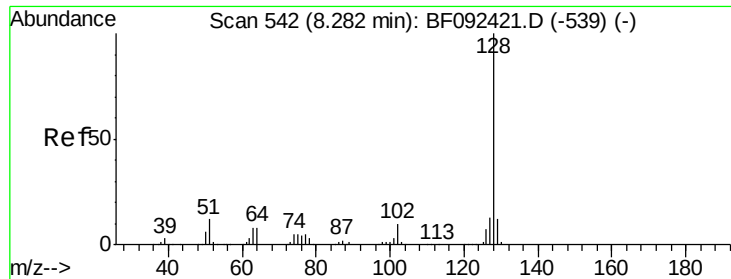
Tgt Ion: 82 Resp: 1195215
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.6 52.0
 54 52.5 39.5 59.3



#25
 Isophorone
 Concen: 2.51 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

Tgt Ion: 82 Resp: 54445
 Ion Ratio Lower Upper
 82 100
 95 177.2 5.6 8.4#
 138 8.7 14.6 22.0#

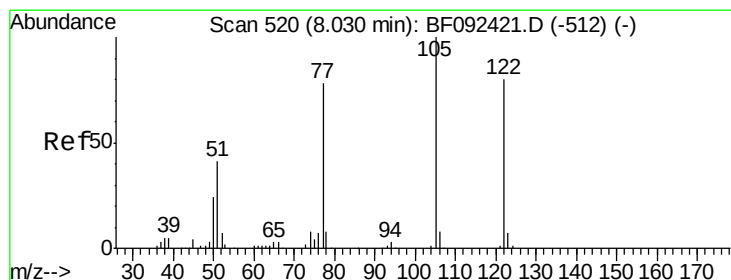
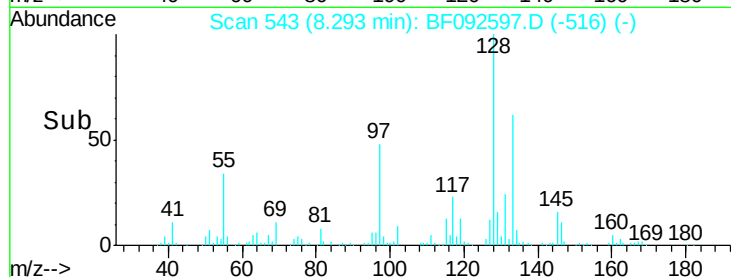
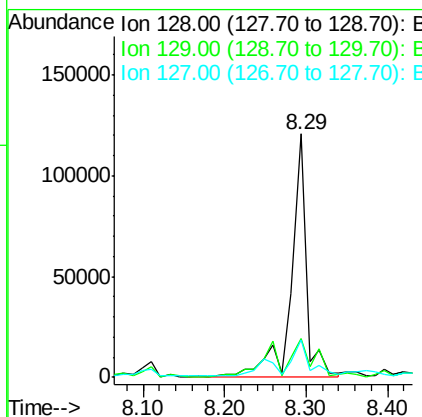
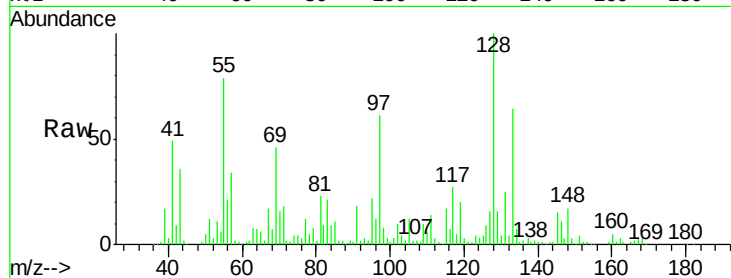




#31
Naphthalene
Concen: 5.05 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

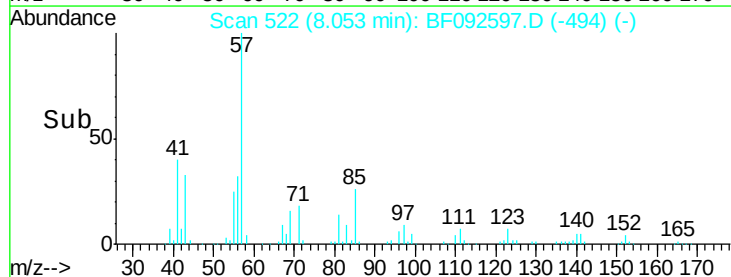
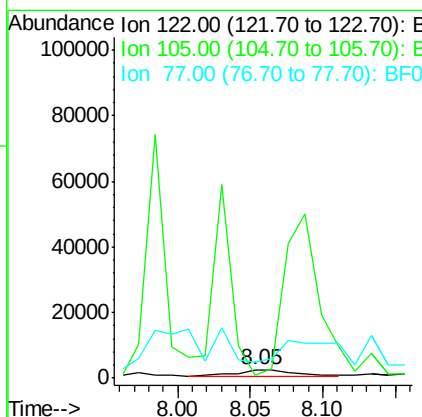
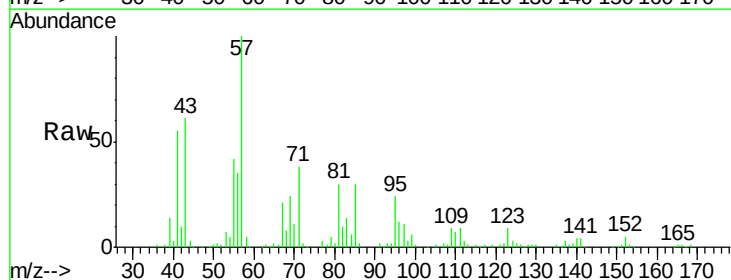
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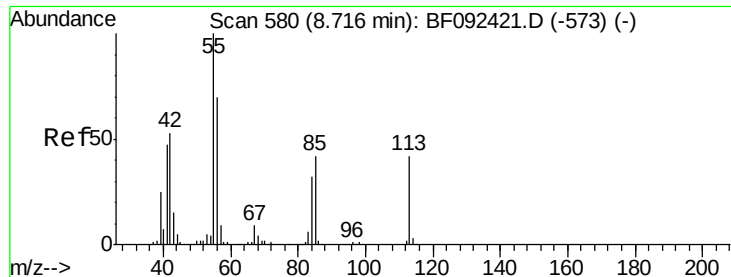
Tgt Ion:128 Resp: 155438
Ion Ratio Lower Upper
128 100
129 16.1 9.5 14.3#
127 15.6 10.8 16.2



#32
Benzoic acid
Concen: 5.40 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.02 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

Tgt Ion:122 Resp: 5906
Ion Ratio Lower Upper
122 100
105 42.8 107.2 147.2#
77 197.1 74.5 114.5#

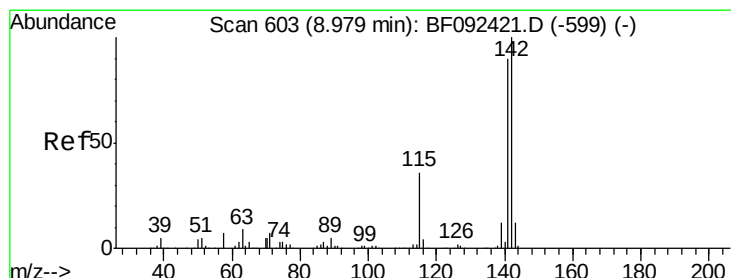
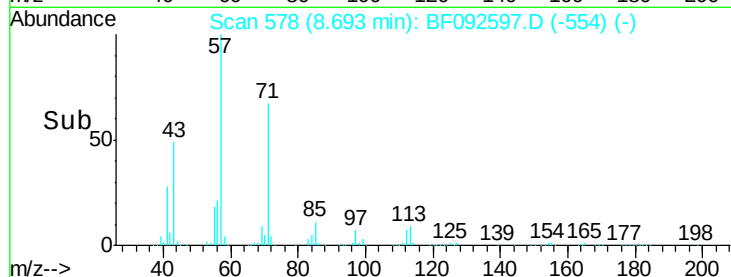
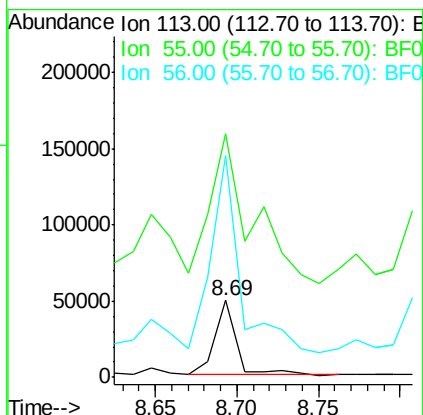
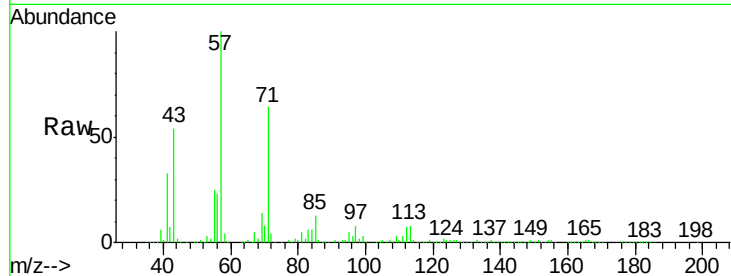




#35
 Caprolactam
 Concen: 15.54 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.02 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

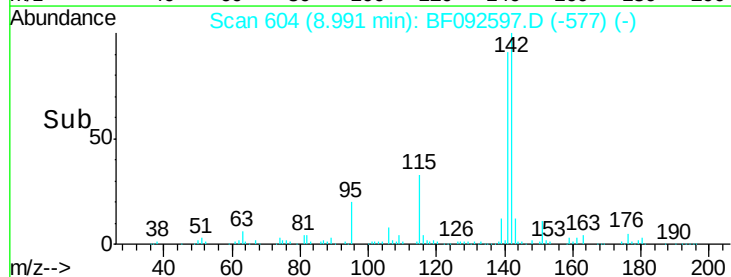
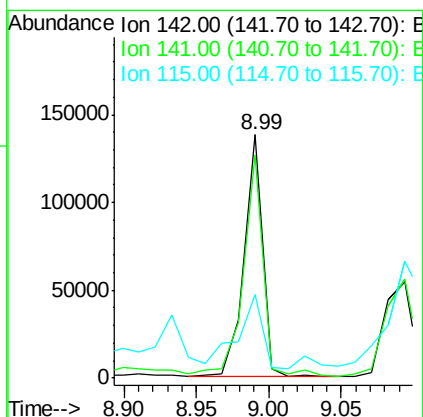
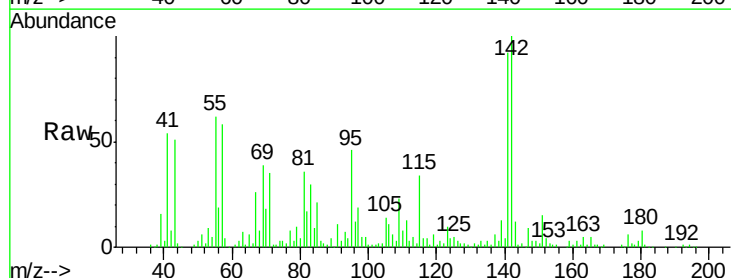
Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

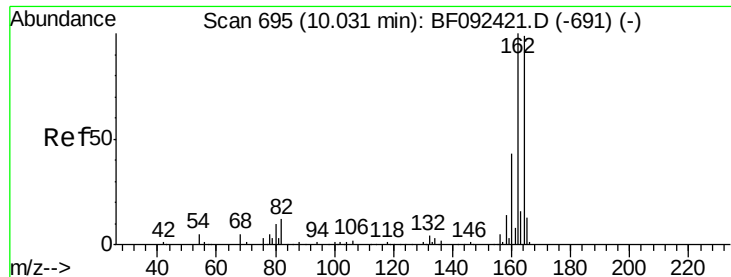
Tgt Ion:113 Resp: 45179
 Ion Ratio Lower Upper
 113 100
 55 317.5 119.2 159.2#
 56 288.7 83.8 123.8#



#37
 2-Methylnaphthalene
 Concen: 6.28 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

Tgt Ion:142 Resp: 122247
 Ion Ratio Lower Upper
 142 100
 141 91.6 71.0 106.6
 115 34.3 28.3 42.5

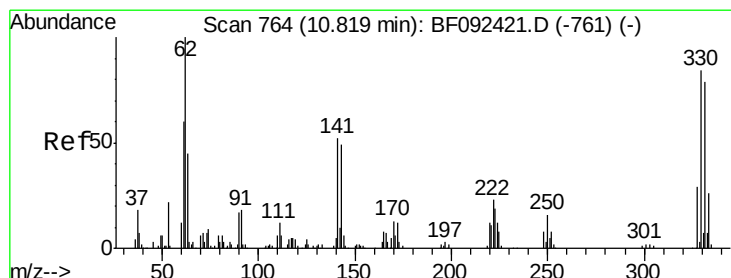
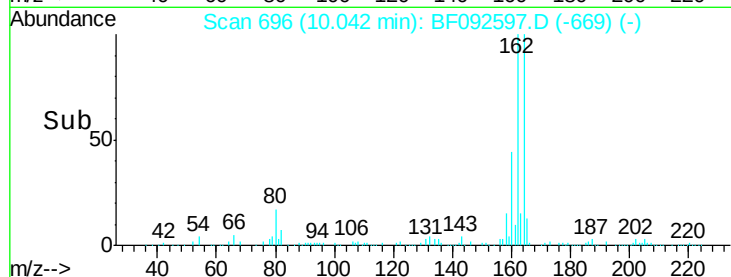
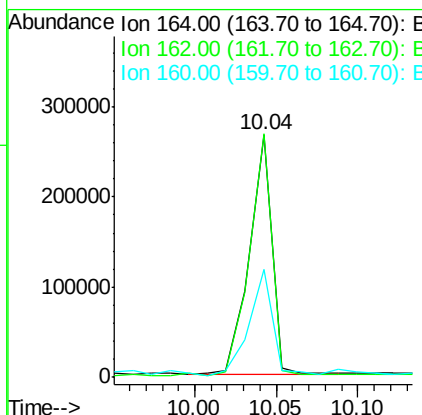
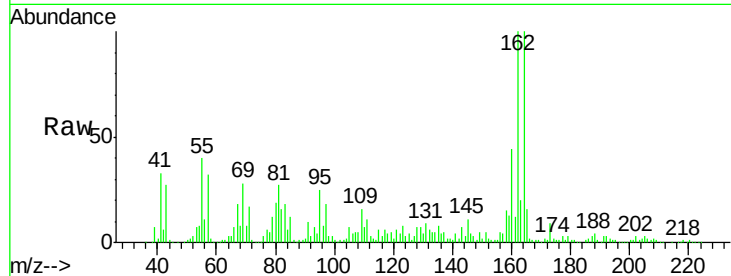




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

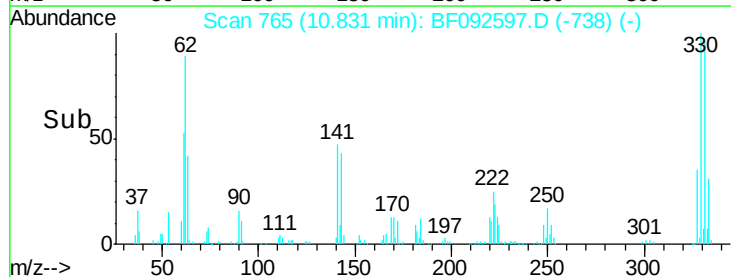
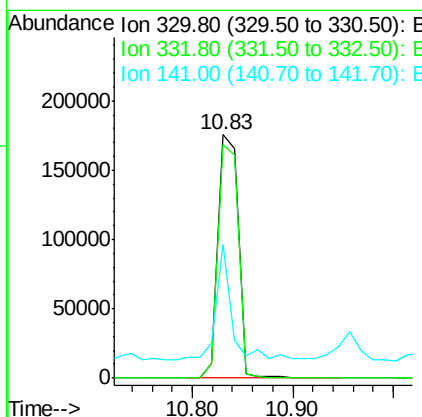
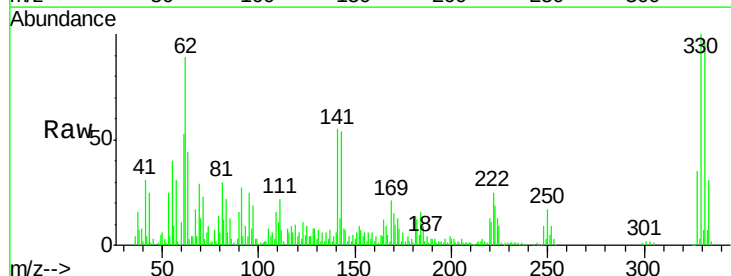
Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

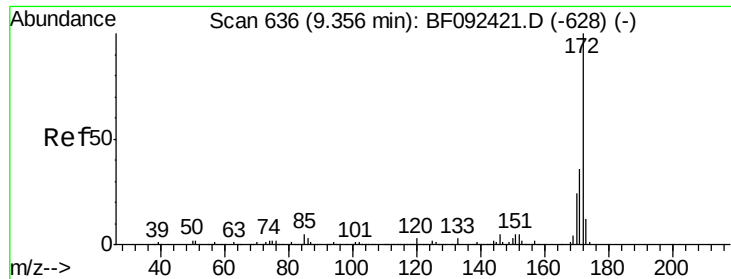
Tgt Ion:164 Resp: 254092
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.2 120.2
 160 44.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 142.29 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

Tgt Ion:330 Resp: 246381
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 36.5 34.1 51.1

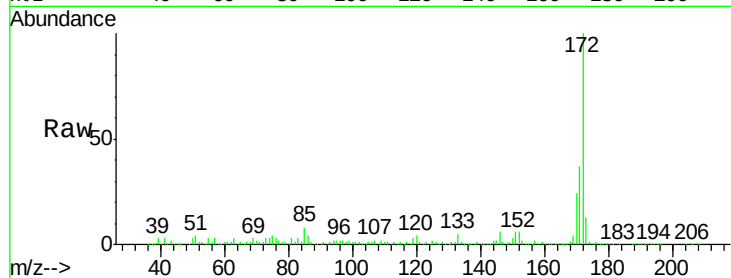




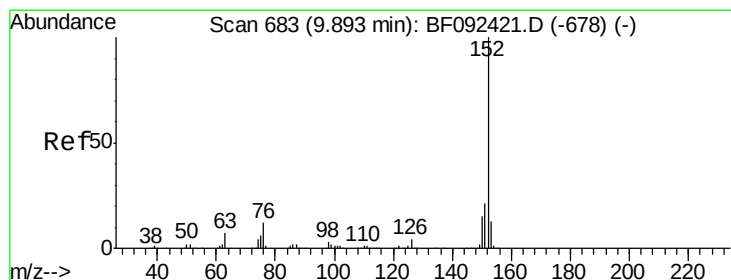
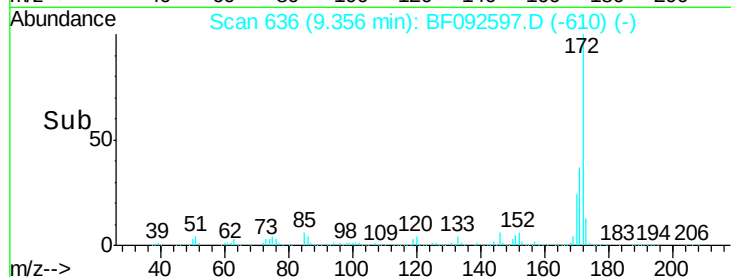
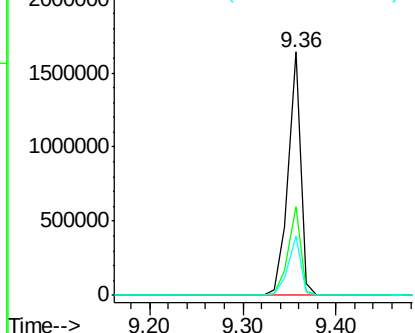
#44
 2-Fluorobiphenyl
 Concen: 111.74 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

Tgt Ion:172 Resp: 1535358
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.4 20.2 30.4

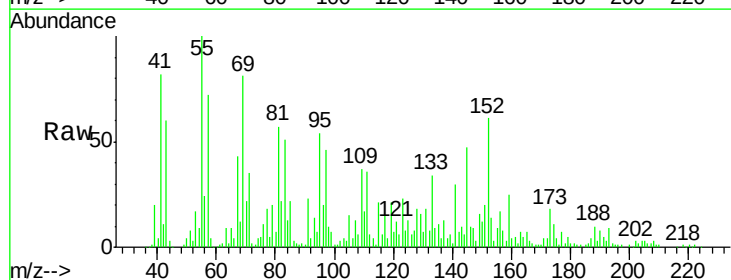


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

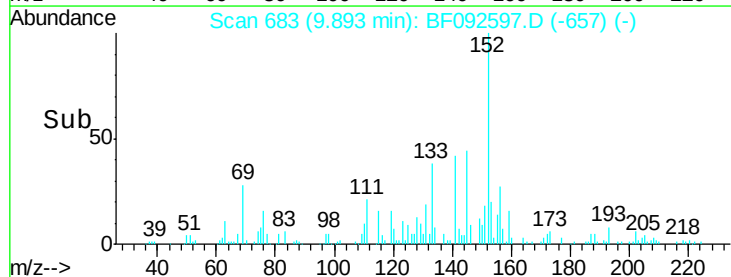
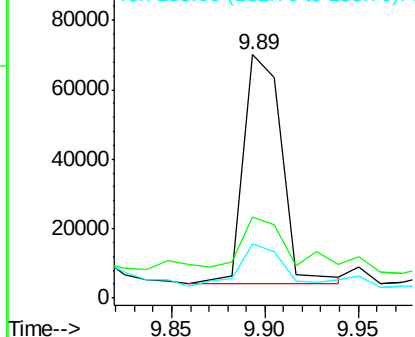


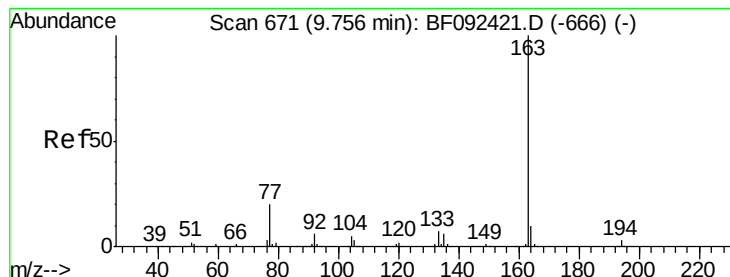
#48
 Acenaphthylene
 Concen: 4.20 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

Tgt Ion:152 Resp: 92329
 Ion Ratio Lower Upper
 152 100
 151 33.0 16.9 25.3#
 153 22.3 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: 12.79 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

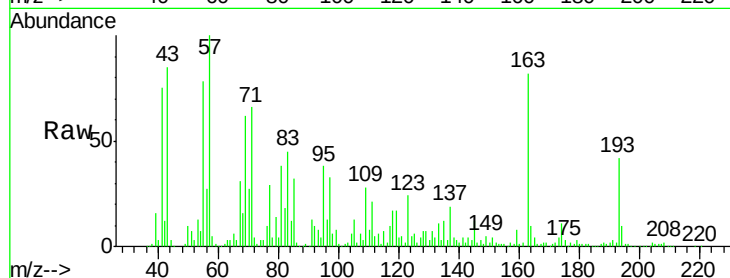
Tgt Ion:163 Resp: 206593

Ion Ratio Lower Upper

163 100

194 11.7 3.0 4.4#

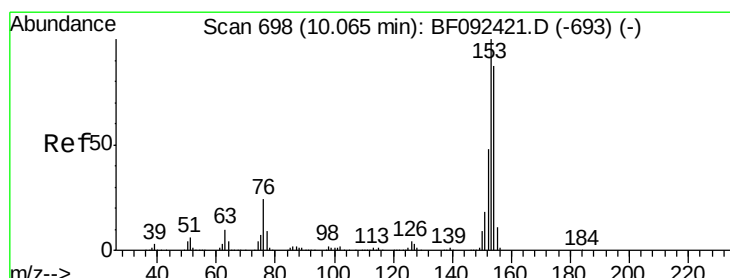
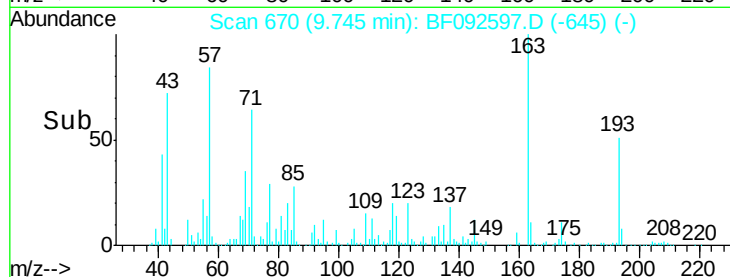
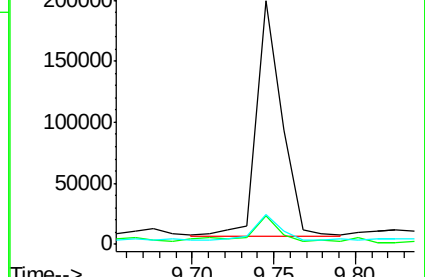
164 12.3 8.0 12.0#



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: 6.75 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

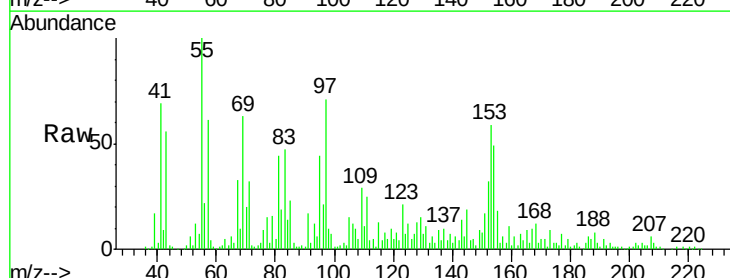
Tgt Ion:154 Resp: 92301

Ion Ratio Lower Upper

154 100

153 120.5 88.6 133.0

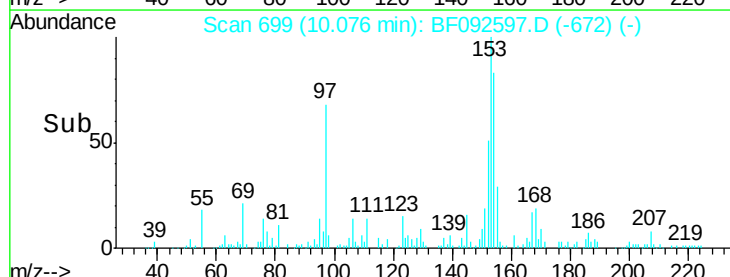
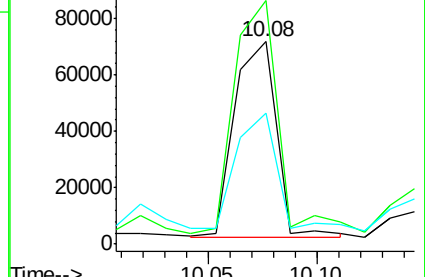
152 64.8 41.6 62.4#

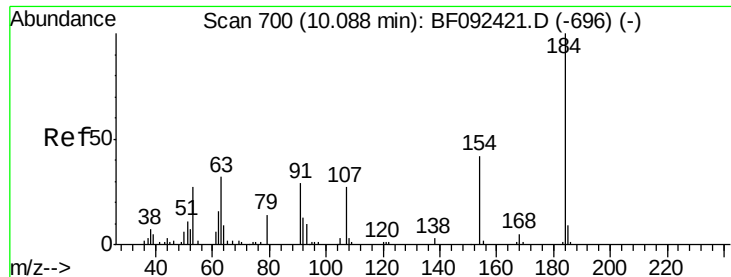


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

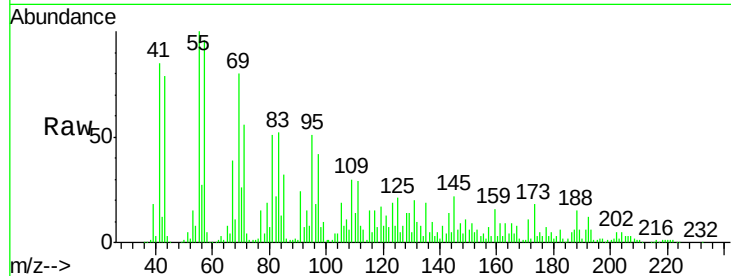




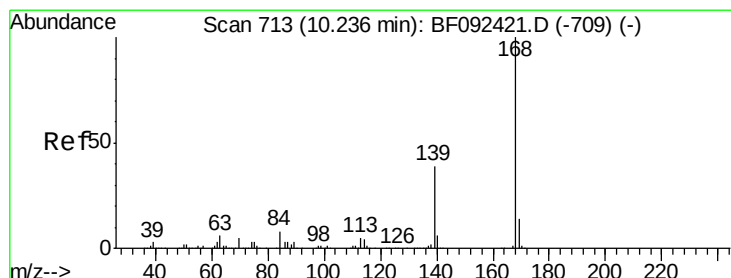
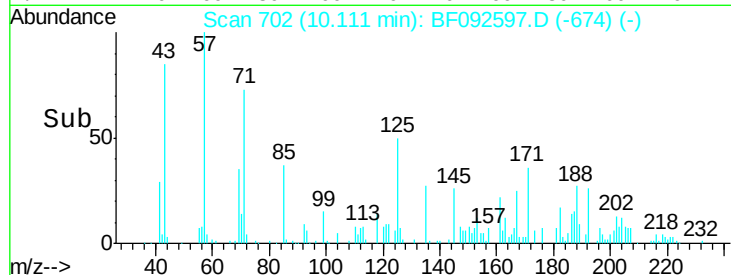
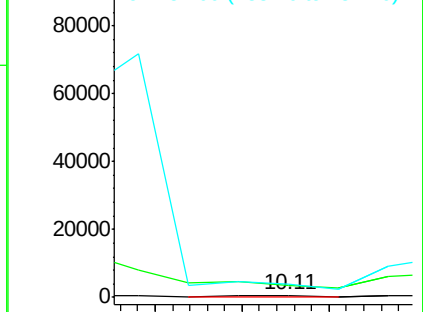
#53
2,4-Dinitrophenol
Concen: 3.45 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.02 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:184 Resp: 642
Ion Ratio Lower Upper
184 100
63 637.3 28.4 42.6#
154 693.3 44.3 66.5#

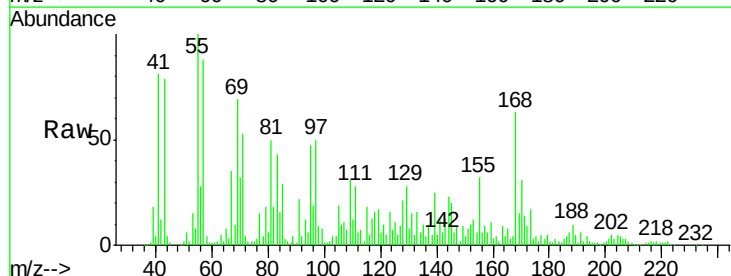


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

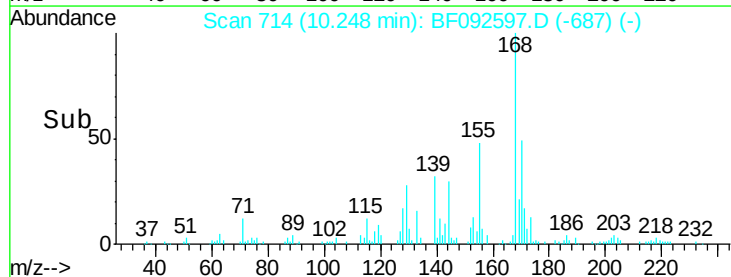
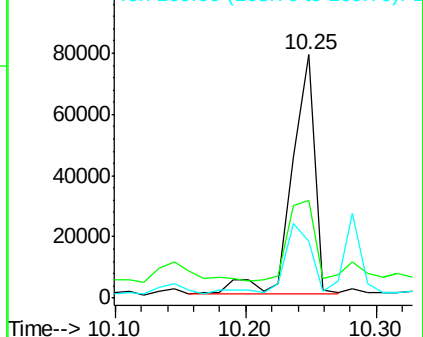


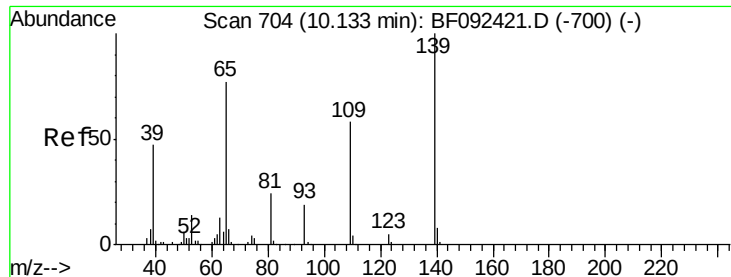
#54
Dibenzofuran
Concen: 5.10 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

Tgt Ion:168 Resp: 94646
Ion Ratio Lower Upper
168 100
139 40.3 32.6 49.0
169 23.2 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

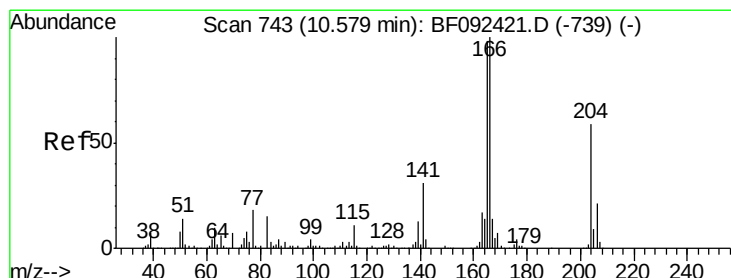
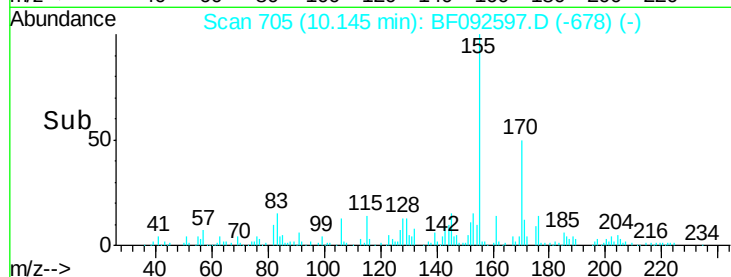
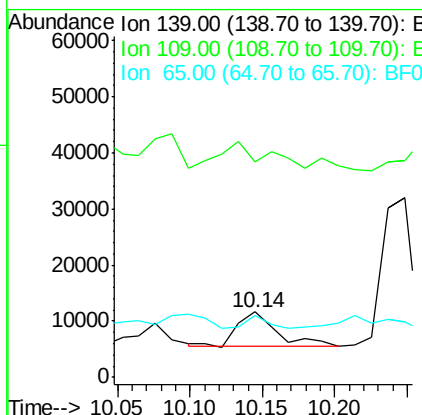
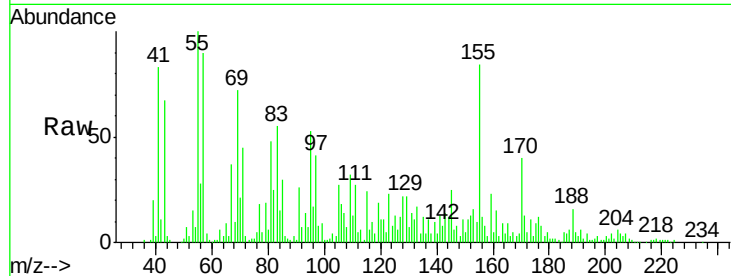




#55
4-Nitrophenol
Concen: 3.69 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

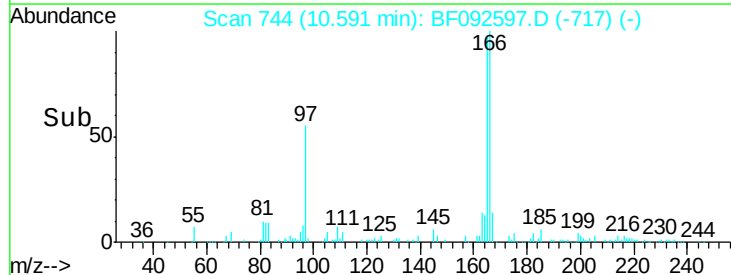
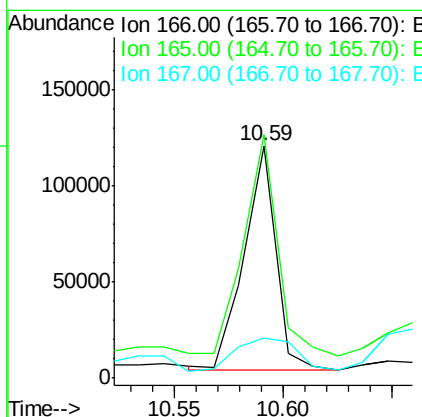
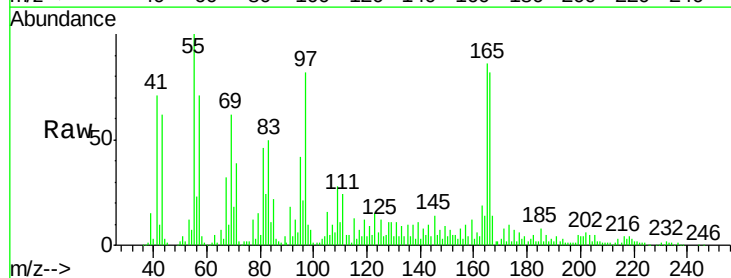
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

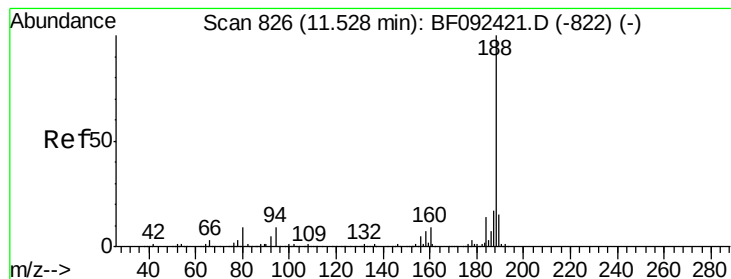
Tgt Ion:139 Resp: 12123
Ion Ratio Lower Upper
139 100
109 327.4 52.2 92.2#
65 94.8 85.8 125.8



#57
Fluorene
Concen: 8.57 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

Tgt Ion:166 Resp: 117930
Ion Ratio Lower Upper
166 100
165 104.7 77.8 116.8
167 17.3 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: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

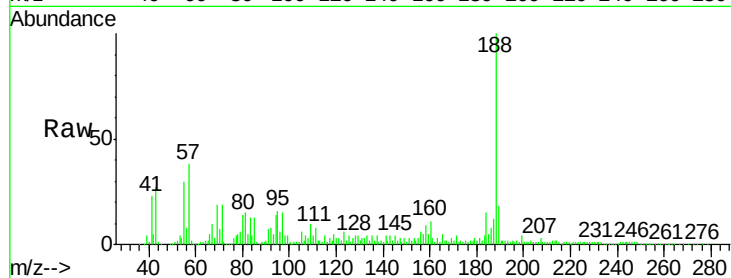
Tgt Ion:188 Resp: 336953

Ion Ratio Lower Upper

188 100

94 13.9 10.0 15.0

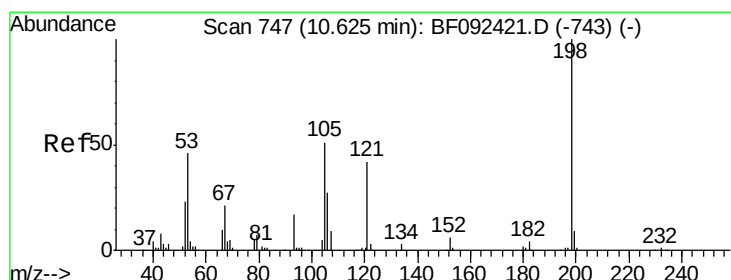
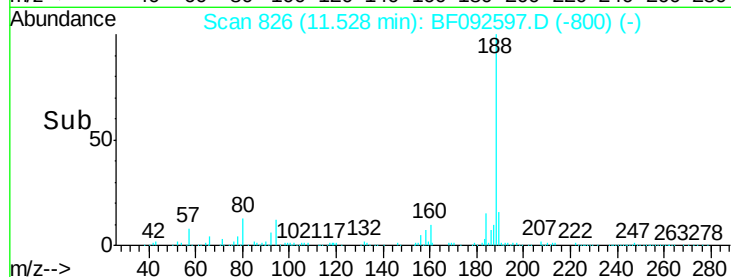
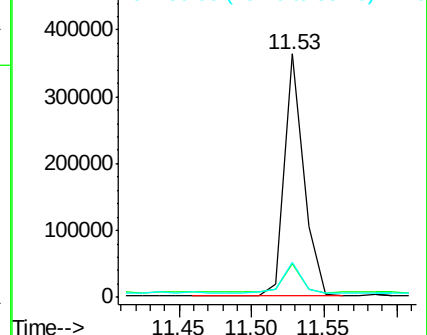
80 14.3 11.2 16.8



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: 5.22 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.04 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

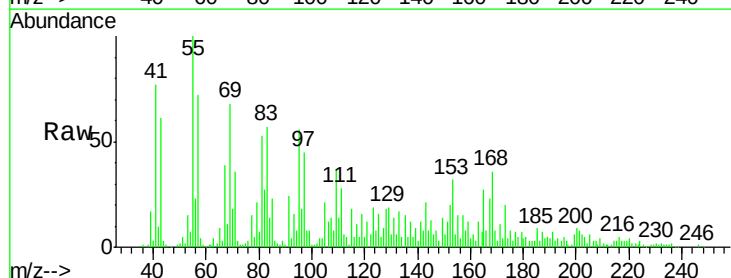
Tgt Ion:198 Resp: 541

Ion Ratio Lower Upper

198 100

51 459.7 6.7 46.7#

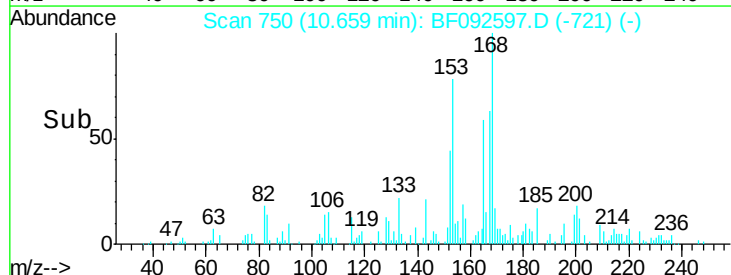
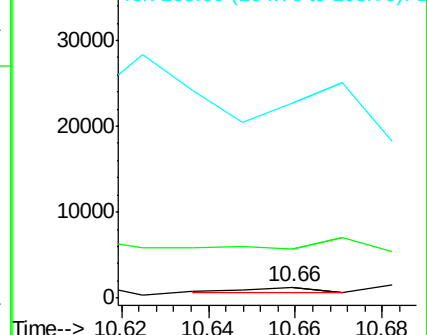
105 1808.8 16.6 56.6#

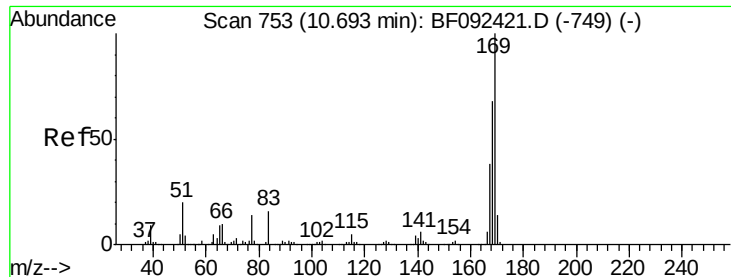


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 7.76 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

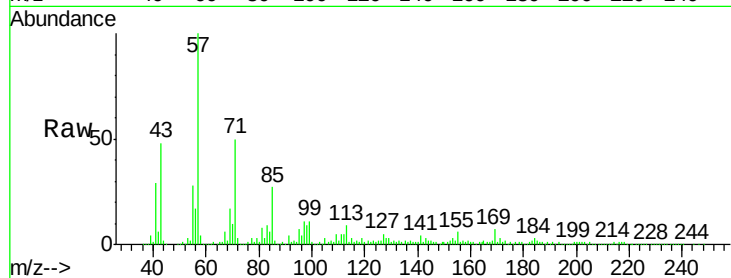
Tgt Ion:169 Resp: 81645

Ion Ratio Lower Upper

169 100

168 22.3 54.2 81.2#

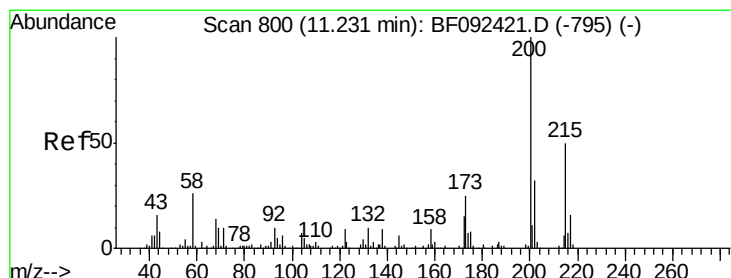
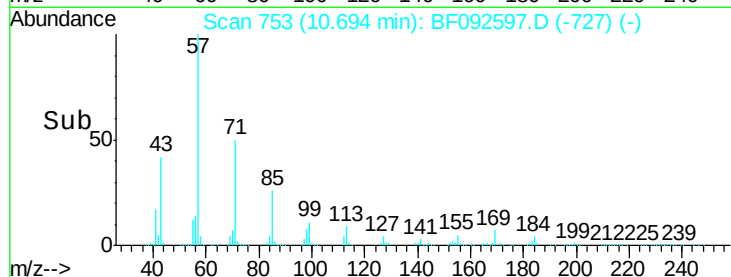
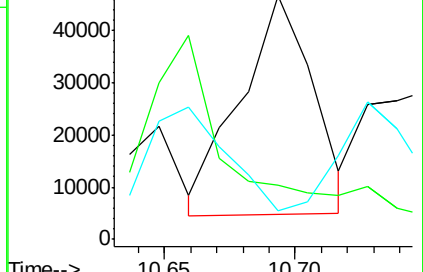
167 11.8 30.2 45.4#



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: 3.95 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.17 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

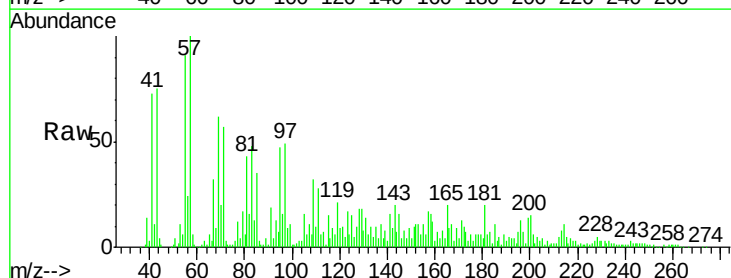
Tgt Ion:200 Resp: 14230

Ion Ratio Lower Upper

200 100

173 44.3 9.6 49.6

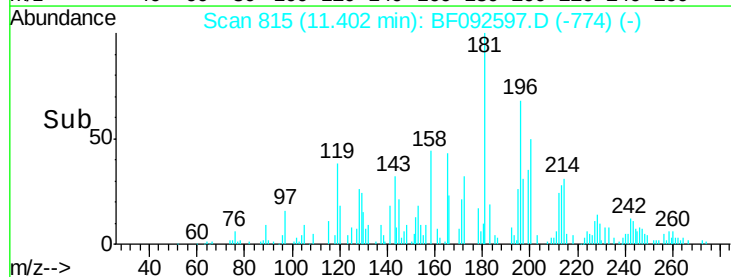
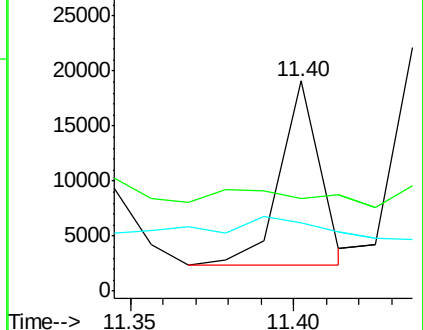
215 32.3 25.7 65.7

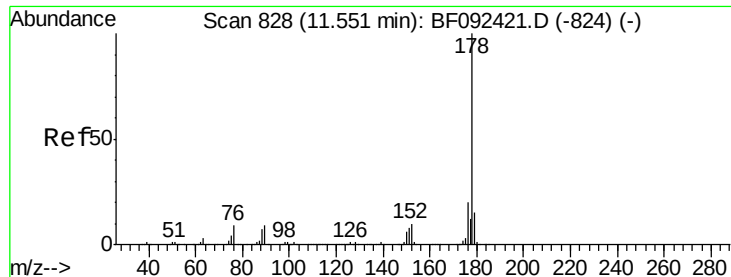


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

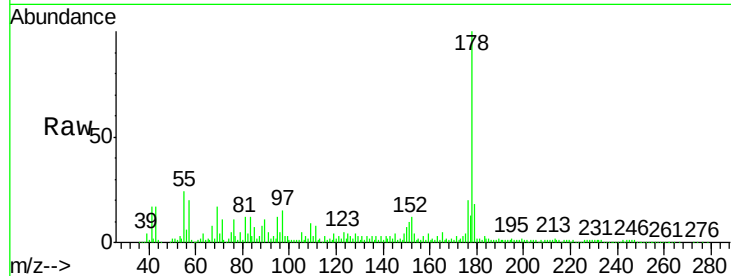




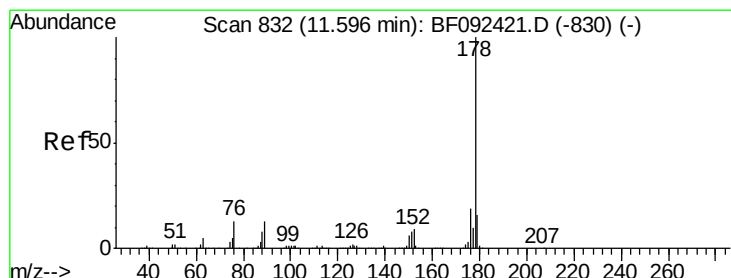
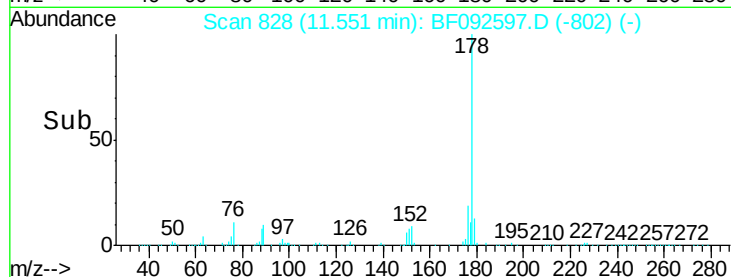
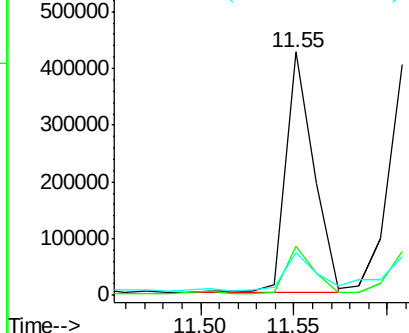
#70
Phenanthrene
Concen: 23.84 ng
RT: 11.55 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:178 Resp: 442378
Ion Ratio Lower Upper
178 100
176 19.9 16.6 25.0
179 17.6 12.8 19.2

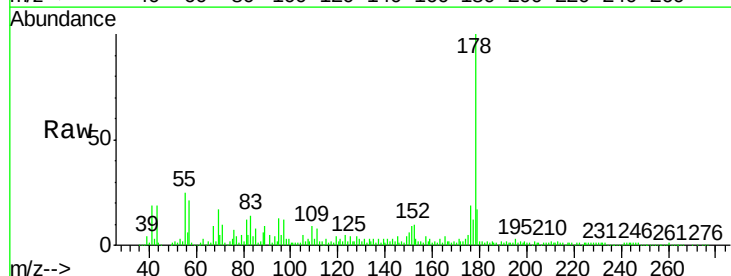


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

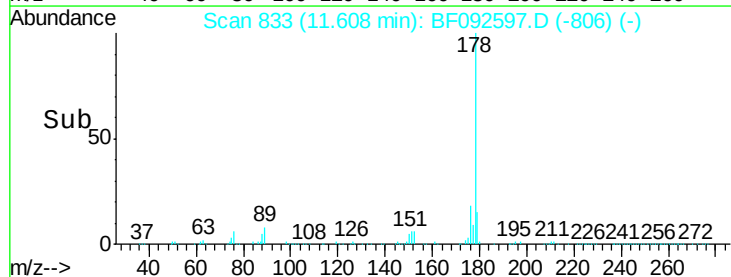
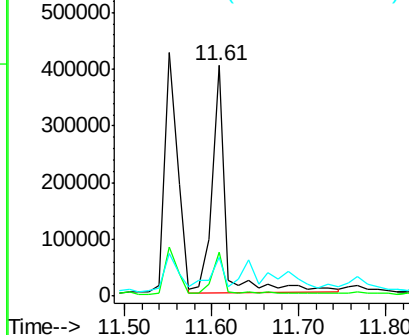


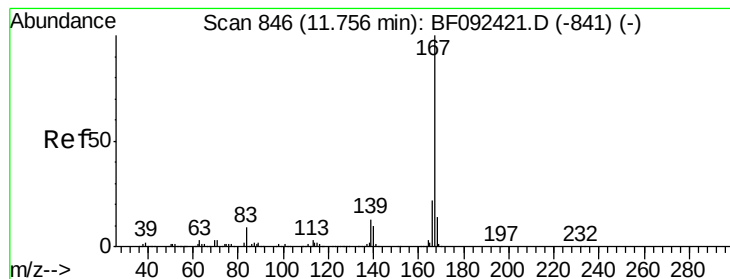
#71
Anthracene
Concen: 24.65 ng
RT: 11.61 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

Tgt Ion:178 Resp: 446980
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 16.9 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: 3.87 ng

RT: 11.77 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

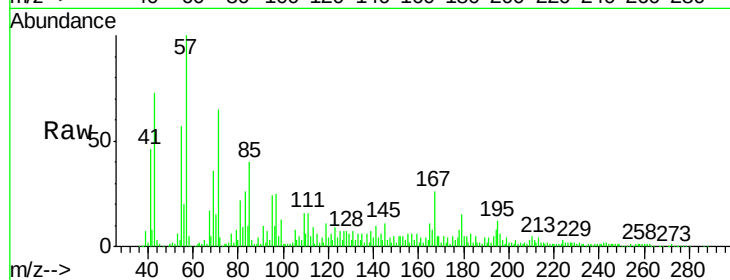
Tgt Ion:167 Resp: 67020

Ion Ratio Lower Upper

167 100

166 31.3 18.2 27.2#

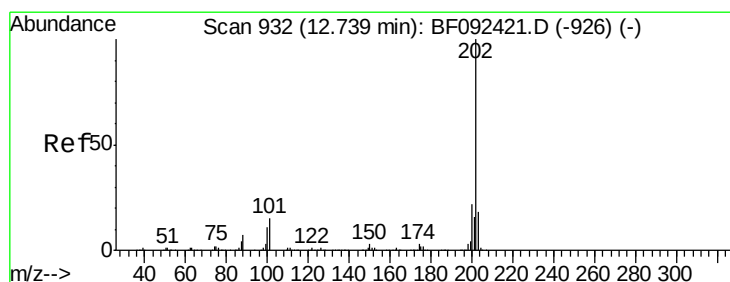
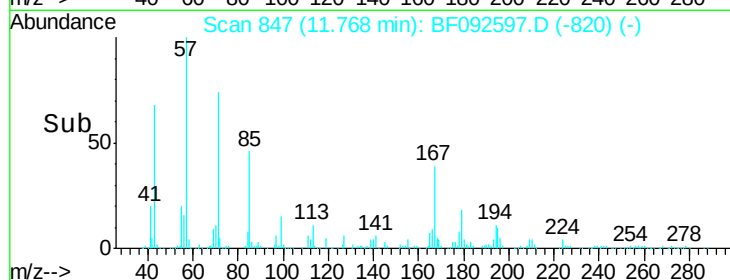
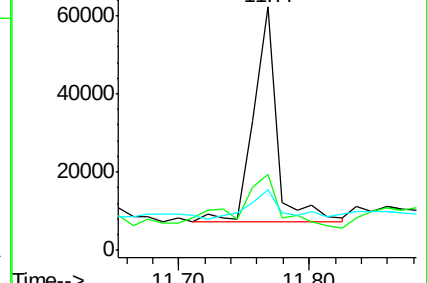
139 24.7 11.4 17.2#



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: 42.55 ng

RT: 12.75 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

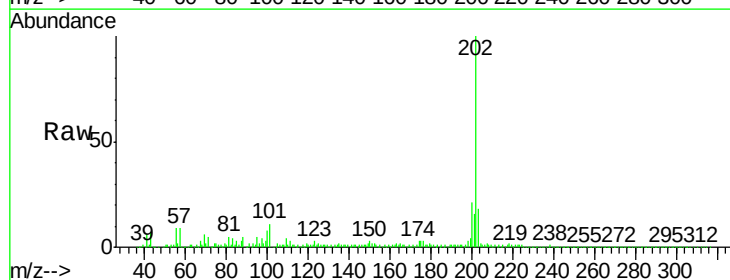
Tgt Ion:202 Resp: 772362

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.6

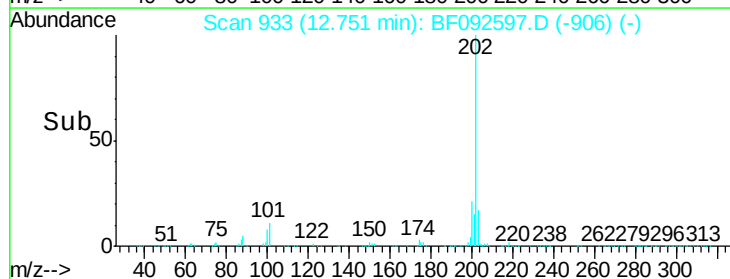
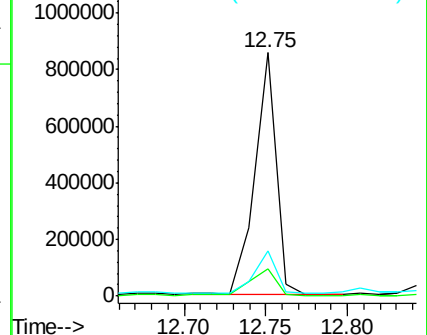
203 18.4 0.0 38.7

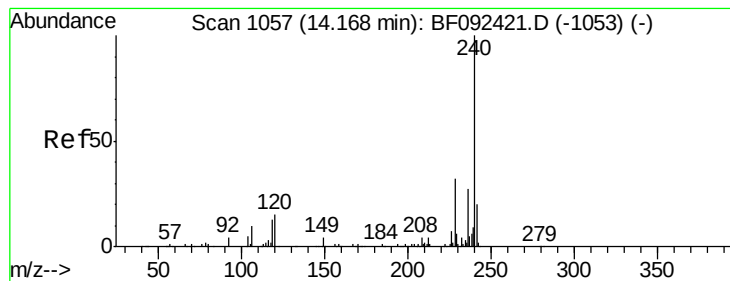


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.18 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

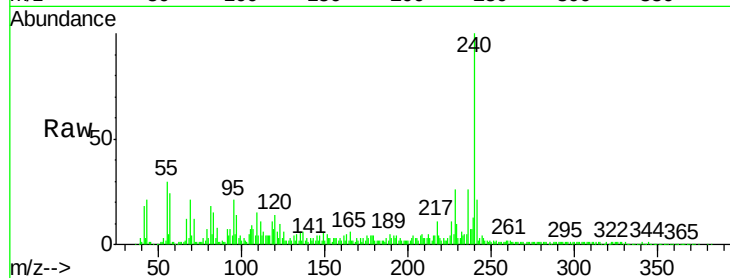
Tgt Ion:240 Resp: 271054

Ion Ratio Lower Upper

240 100

120 13.8 12.9 19.3

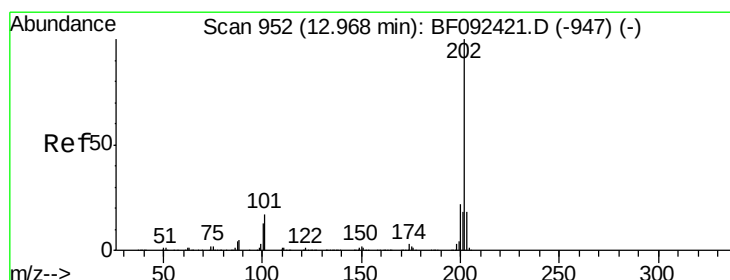
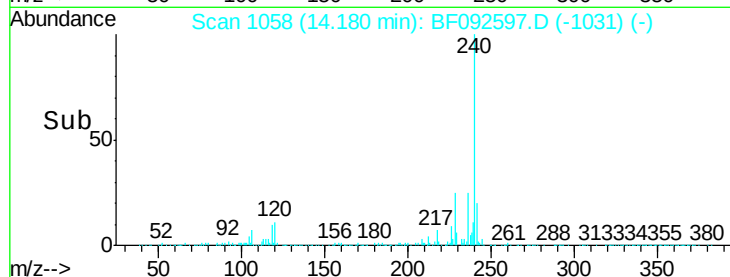
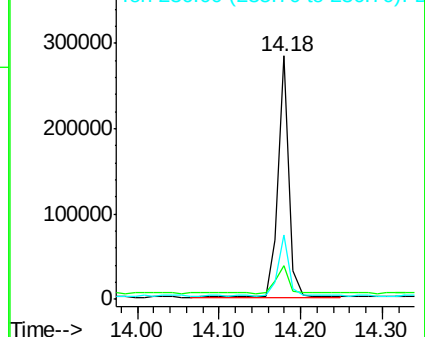
236 26.5 20.9 31.3



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: 40.37 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

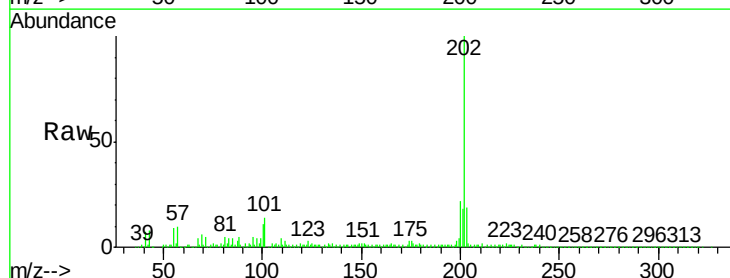
Tgt Ion:202 Resp: 792913

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

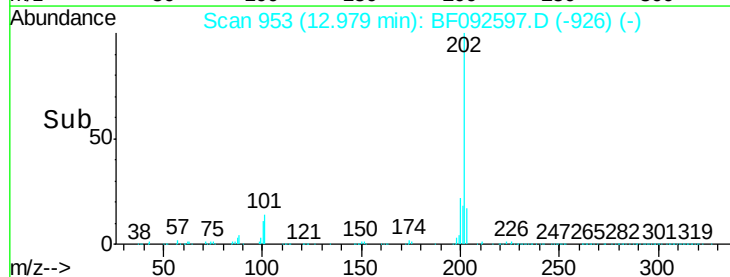
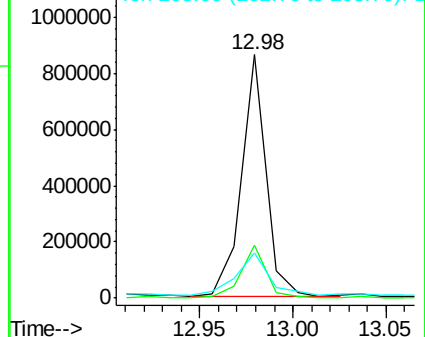
203 18.6 14.7 22.1

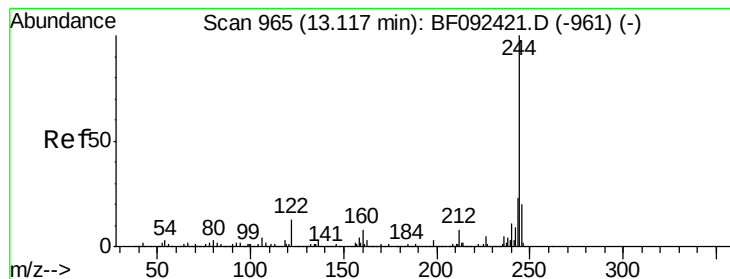


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 105.38 ng

RT: 13.12 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

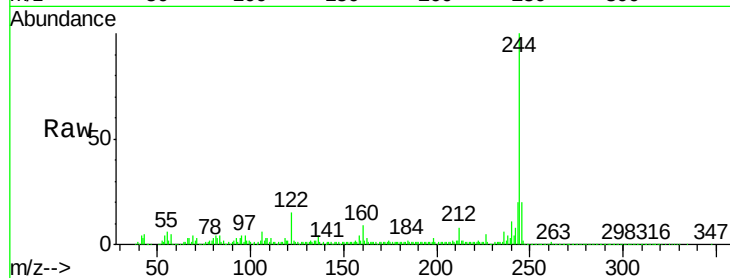
Tgt Ion:244 Resp: 1072693

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

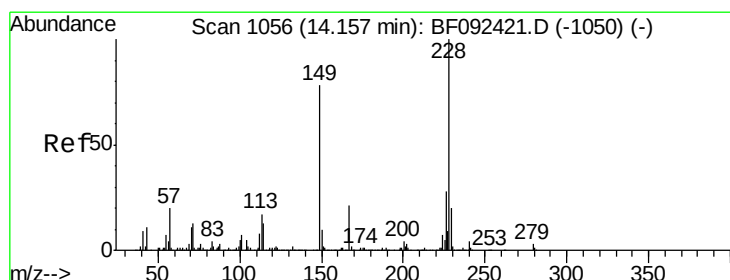
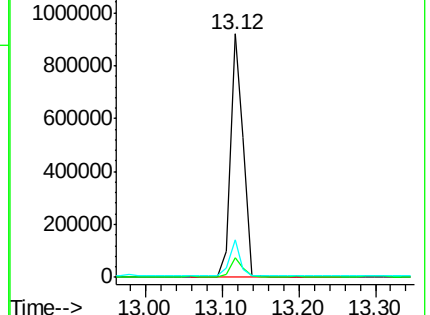
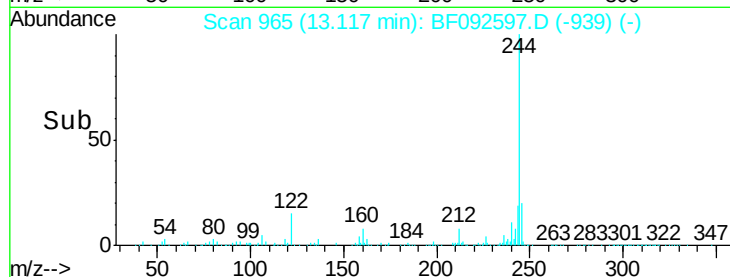
122 15.2 11.4 17.2



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: 21.18 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

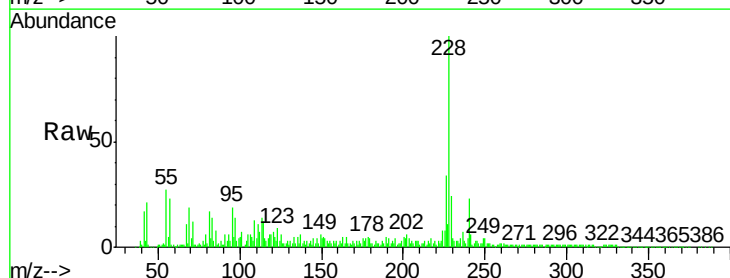
Tgt Ion:228 Resp: 308599

Ion Ratio Lower Upper

228 100

226 33.5 22.4 33.6

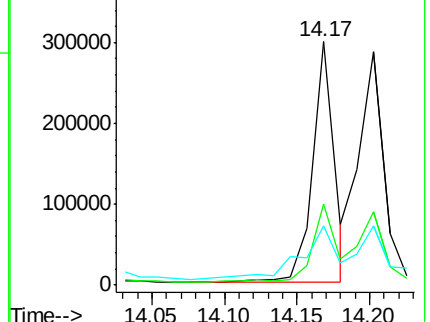
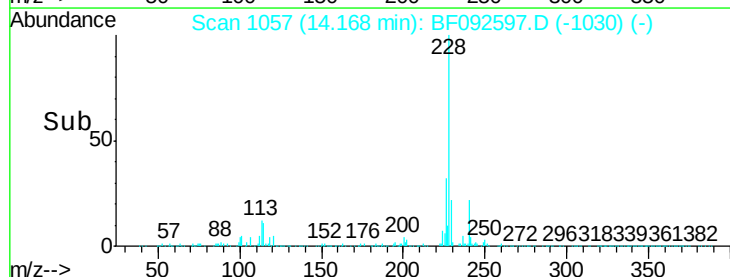
229 24.3 16.2 24.4

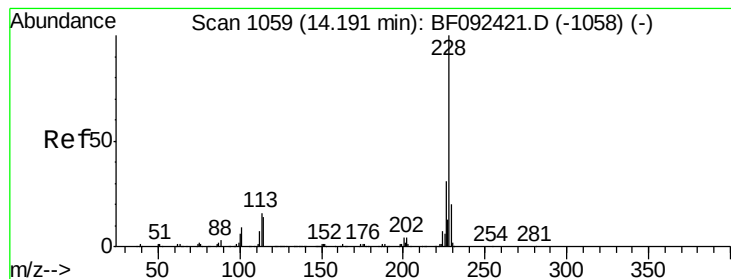


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 19.84 ng

RT: 14.17 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

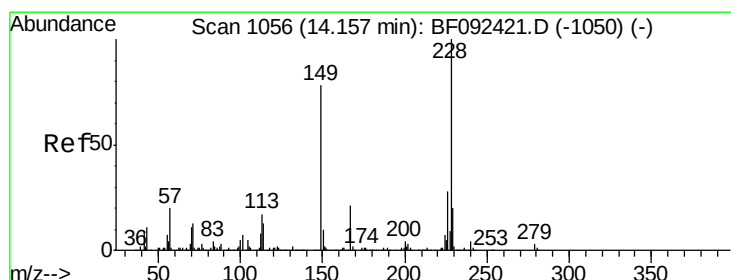
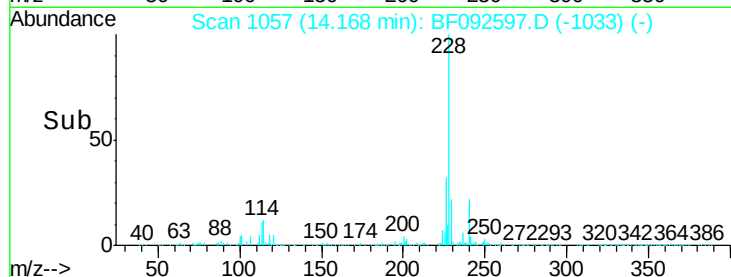
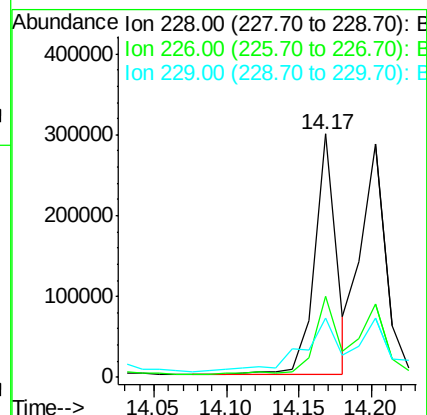
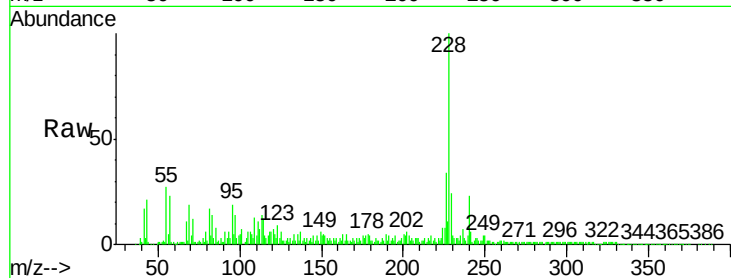
Tgt Ion:228 Resp: 308599

Ion Ratio Lower Upper

228 100

226 33.5 25.4 38.0

229 24.3 16.2 24.2#



#83

Bis(2-ethylhexyl)phthalate

Concen: 22.45 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

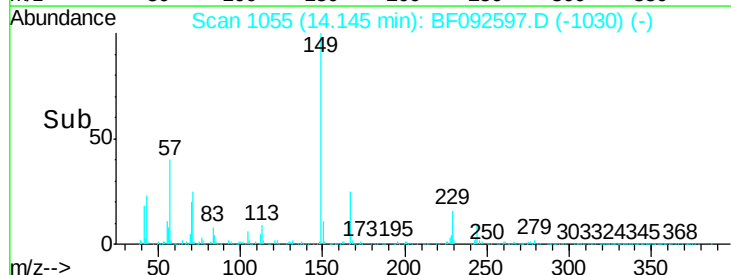
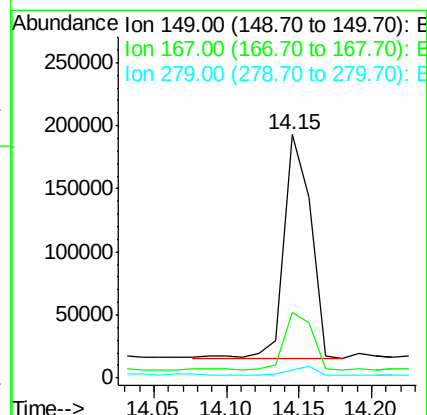
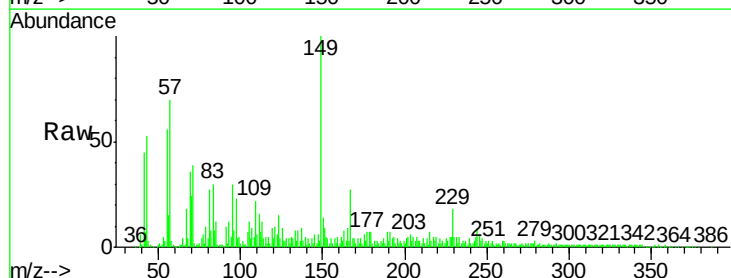
Tgt Ion:149 Resp: 225004

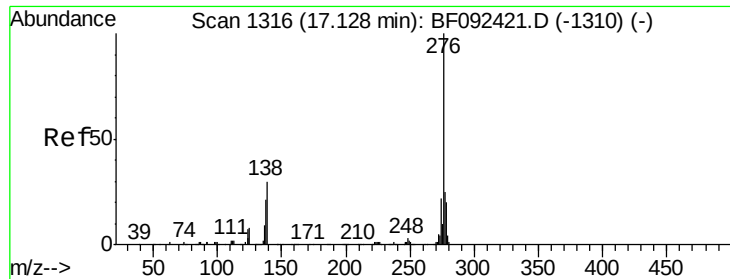
Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.4

279 3.1 1.8 2.8#

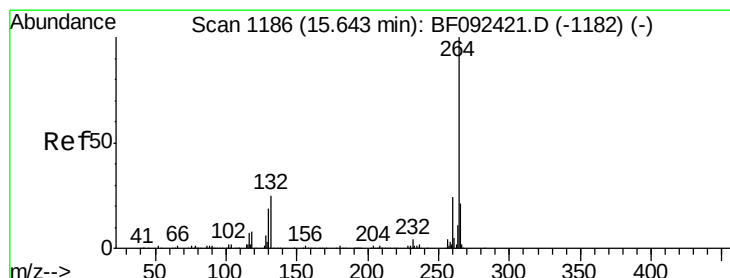
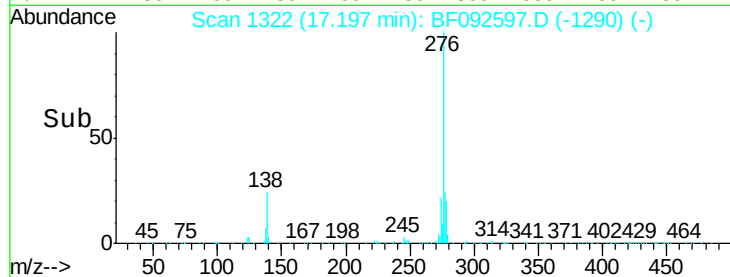
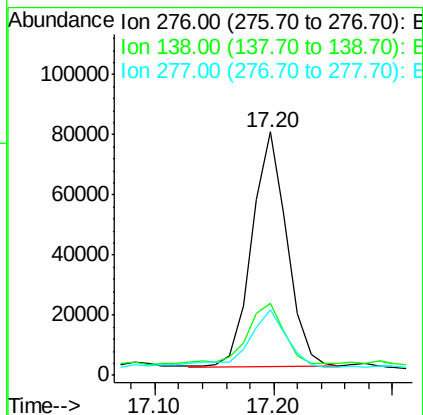
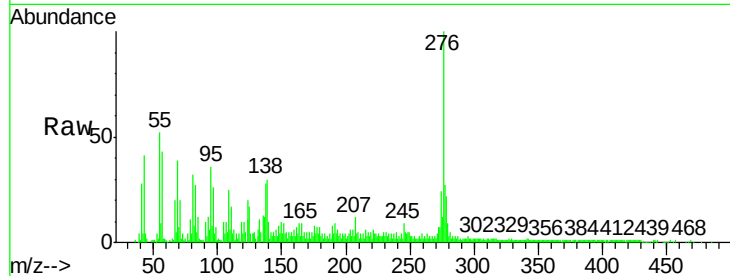




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.90 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. 0.07 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

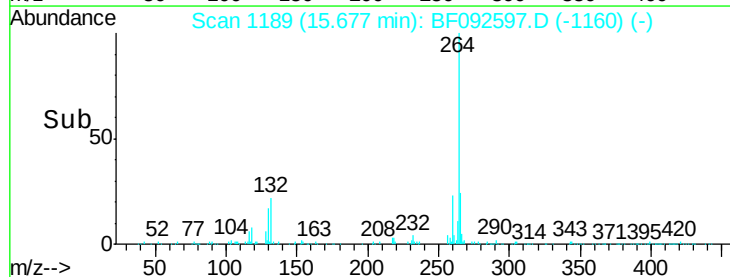
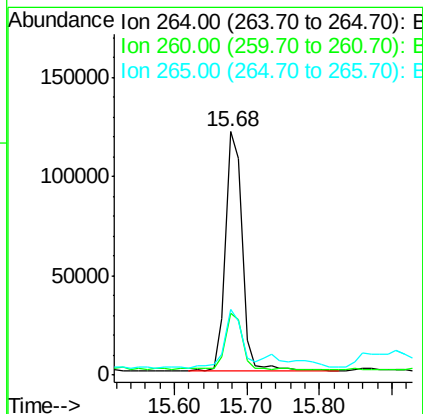
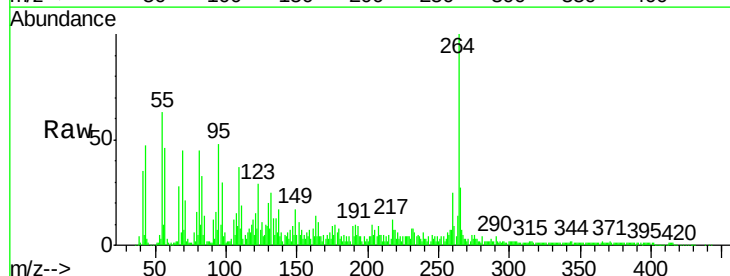
Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

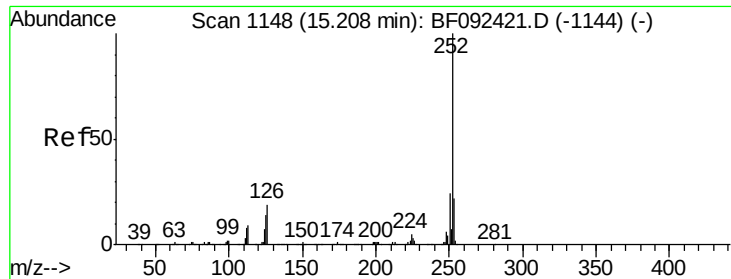
Tgt Ion: 276 Resp: 160027
 Ion Ratio Lower Upper
 276 100
 138 26.9 21.8 32.6
 277 28.5 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1189
 Delta R.T. 0.03 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

Tgt Ion: 264 Resp: 198107
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.2 28.8
 265 27.1 17.4 26.0#





#87

Benzo(b)fluoranthene

Concen: 42.59 ng

RT: 15.24 min Scan# 1151

Delta R.T. 0.03 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

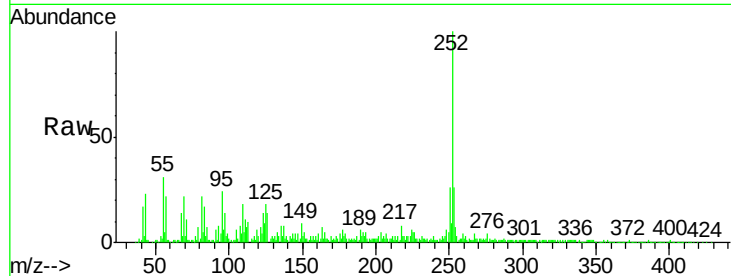
Tgt Ion:252 Resp: 541691

Ion Ratio Lower Upper

252 100

253 26.1 18.2 27.4

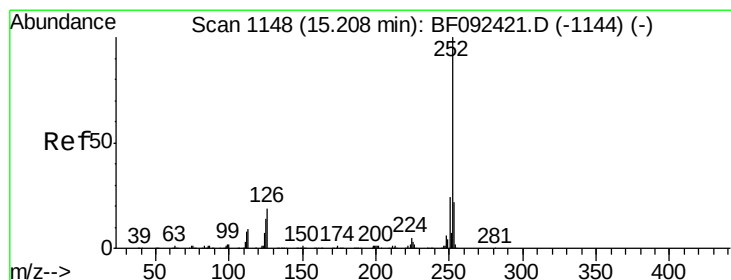
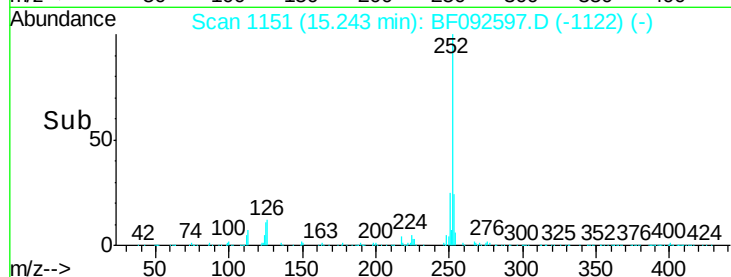
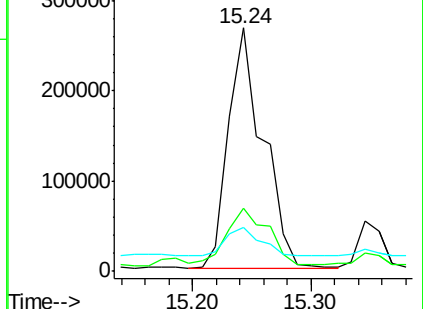
125 17.9 9.8 14.6#



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: 51.13 ng

RT: 15.24 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

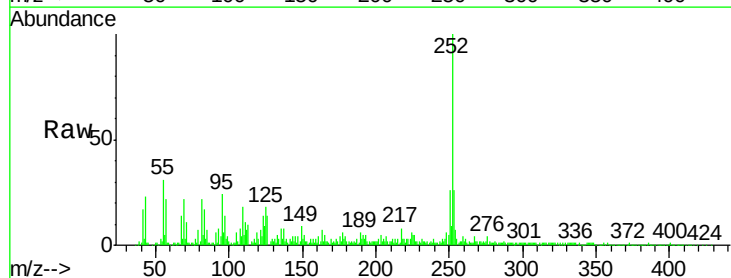
Tgt Ion:252 Resp: 540729

Ion Ratio Lower Upper

252 100

253 26.1 18.5 27.7

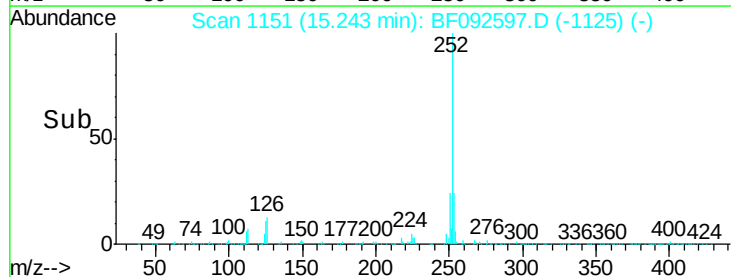
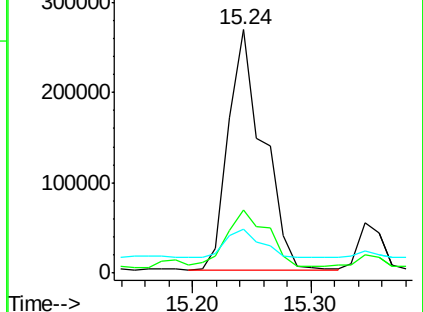
125 17.9 8.9 13.3#

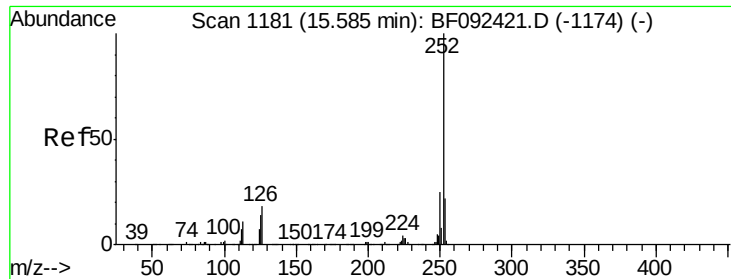


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 22.91 ng

RT: 15.62 min Scan# 1184

Delta R.T. 0.03 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

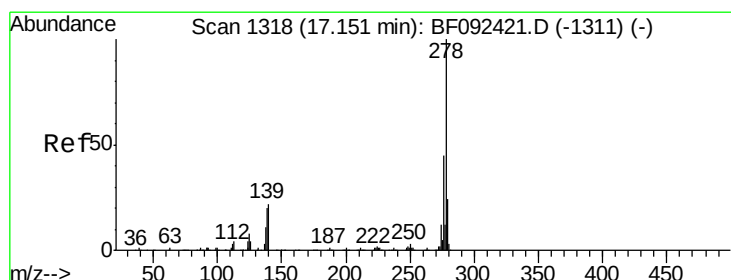
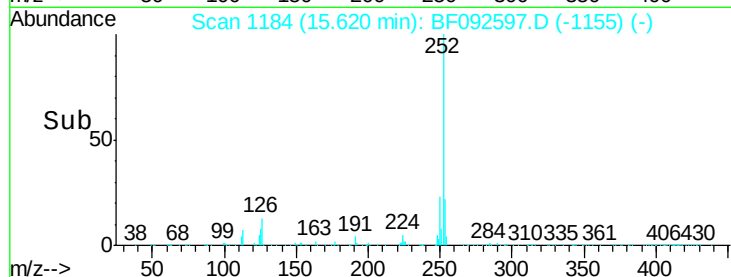
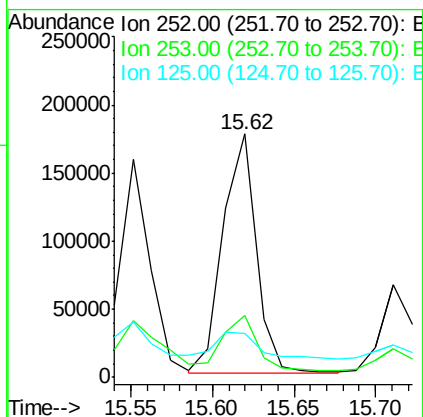
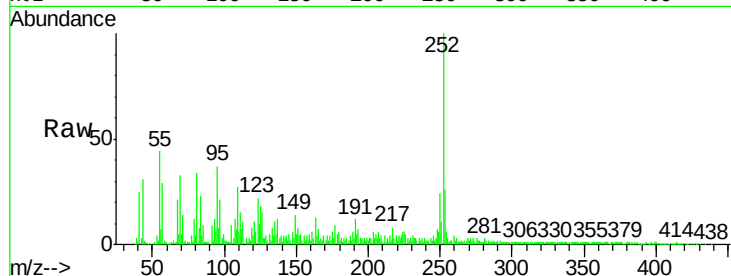
Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

Tgt Ion:	252	Resp:	246442
Ion Ratio	Lower	Upper	
252	100		
253	25.5	18.2	27.2
125	18.1	10.0	15.0#



#90

Dibenzo(a,h)anthracene

Concen: 4.19 ng

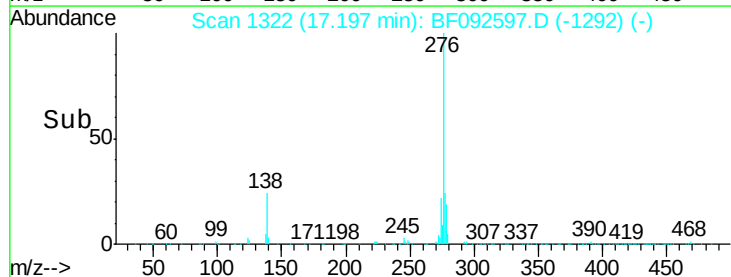
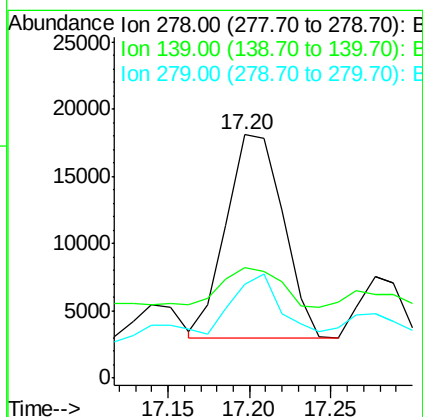
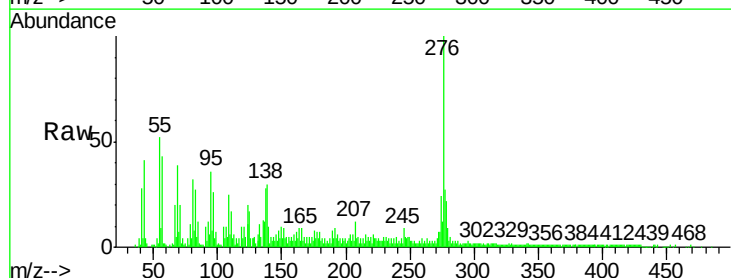
RT: 17.20 min Scan# 1322

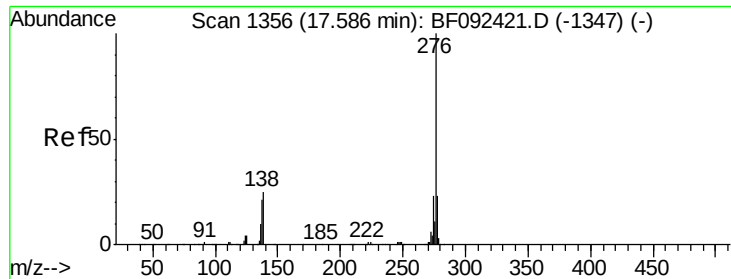
Delta R.T. 0.05 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Tgt Ion:	278	Resp:	36439
Ion Ratio	Lower	Upper	
278	100		
139	45.2	14.8	22.2#
279	38.3	19.8	29.6#





#91
 Benzo(g,h,i)perylene
 Concen: 20.91 ng
 RT: 17.65 min Scan# 1362
 Delta R.T. 0.07 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.2	28.8
138	30.4	16.0	24.0

