

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097172.D
 Acq On : 28 Jul 2017 23:46
 Operator : SJ/JU
 Sample : I4456-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-SS-4

Quant Time: Jul 29 00:44:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	106632	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	461460	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	168645	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	207574	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	188854	20.00	ng	-0.01
86) Perylene-d12	14.96	264	167811	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	849313	120.07	ng	0.00
7) Phenol-d6	6.15	99	979375	121.28	ng	-0.02
23) Nitrobenzene-d5	7.06	82	567135	72.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	124658	93.55	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	694572	69.90	ng	-0.02
78) Terphenyl-d14	12.57	244	389950	42.10	ng	-0.02

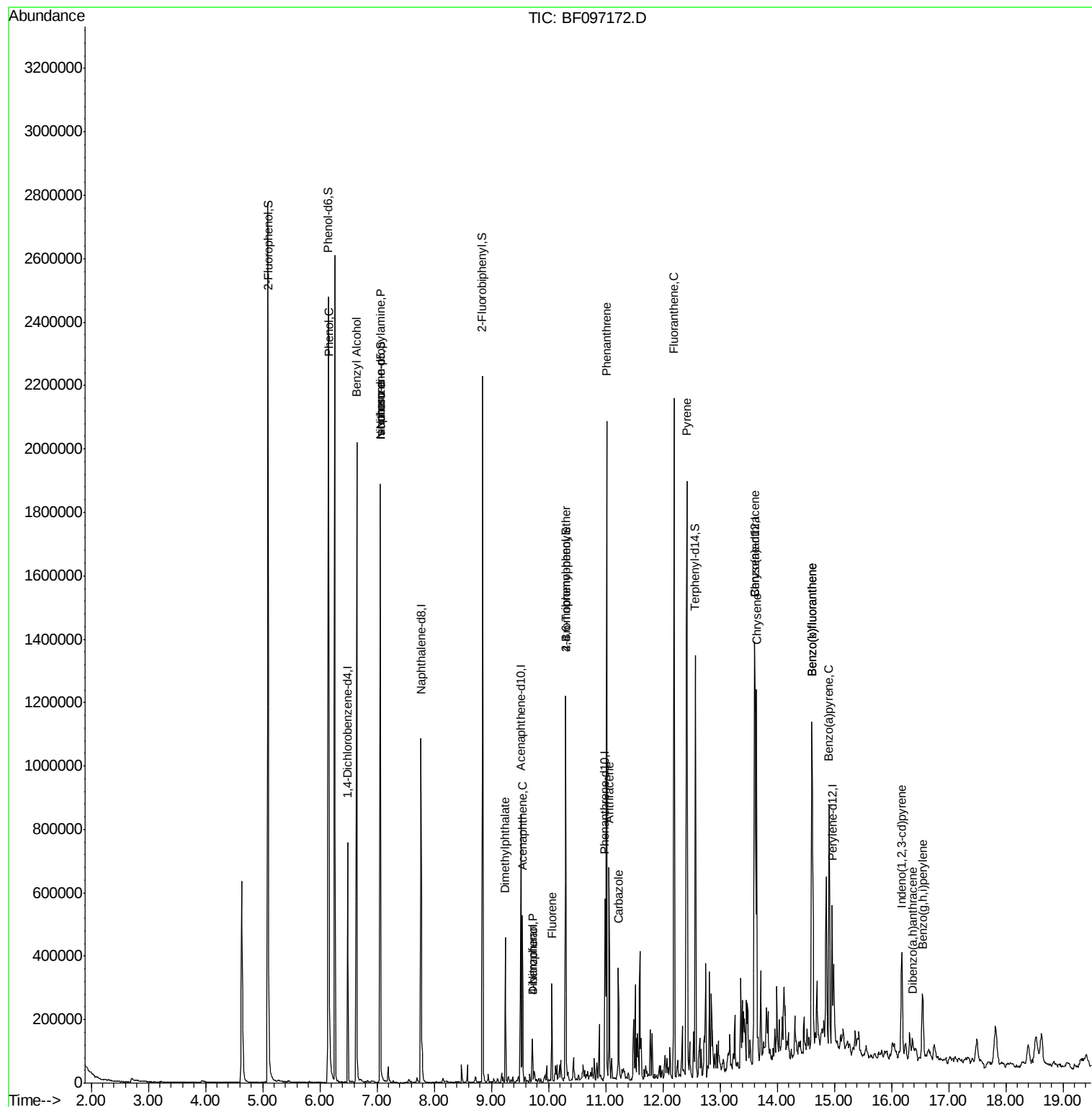
Target Compounds						Qvalue
10) Phenol	6.16	94	26331	2.75	ng	84
15) Benzyl Alcohol	6.64	79	10570	2.07	ng	# 40
19) n-Nitroso-di-n-propylamine	7.06	70	75546	14.21	ng	# 84
25) Isophorone	7.06	82	561447	36.45	ng	# 67
49) Dimethylphthalate	9.25	163	166014	12.96	ng	99
51) Acenaphthene	9.55	154	100198	10.45	ng	98
54) Dibenzofuran	9.72	168	53840	4.22	ng	96
55) 4-Nitrophenol	9.72	139	18820	9.39	ng	# 27
57) Fluorene	10.06	166	76168	7.94	ng	98
66) 4-Bromophenyl-phenylether	10.30	248	8384	4.05	ng	# 1
70) Phenanthrene	11.02	178	768921	69.14	ng	100
71) Anthracene	11.06	178	220913	19.39	ng	99
72) Carbazole	11.22	167	122924	10.97	ng	97
74) Fluoranthene	12.20	202	918106	84.26	ng	99
77) Pyrene	12.42	202	776796	50.24	ng	100
80) Benzo(a)anthracene	13.60	228	483041	39.53	ng	99
82) Chrysene	13.64	228	431503	36.16	ng	98
85) Indeno(1,2,3-cd)pyrene	16.18	276	162165	15.85	ng	96
87) Benzo(b)fluoranthene	14.61	252	646654	64.10	ng	# 96
88) Benzo(k)fluoranthene	14.61	252	646654	67.27	ng	99
89) Benzo(a)pyrene	14.91	252	322288	34.91	ng	96
90) Dibenzo(a,h)anthracene	16.37	278	34763	4.59	ng	93
91) Benzo(g,h,i)perylene	16.54	276	133459	16.81	ng	97

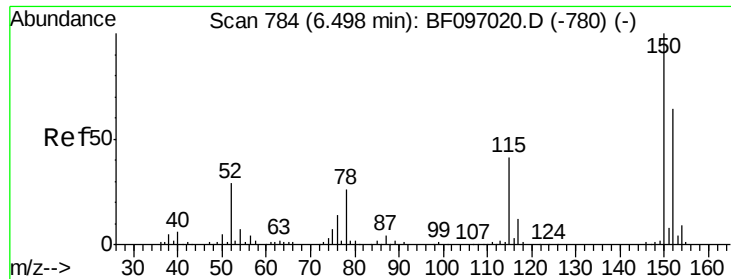
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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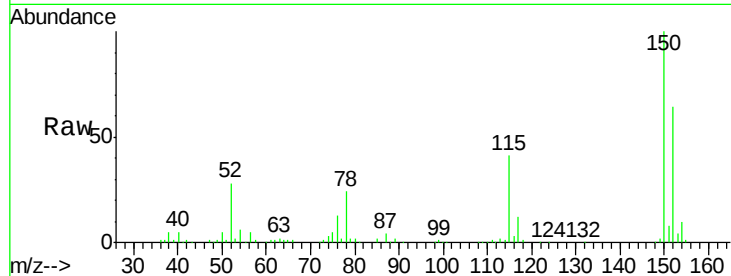


#1

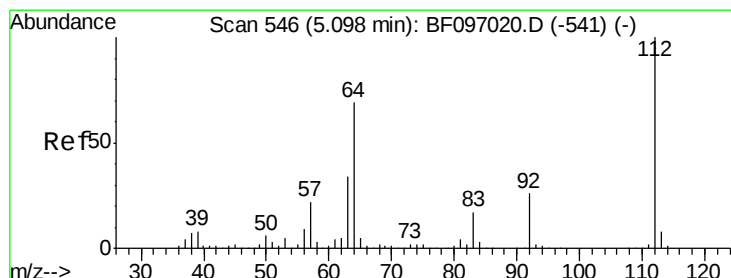
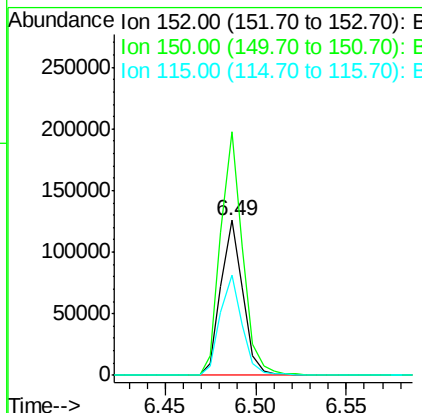
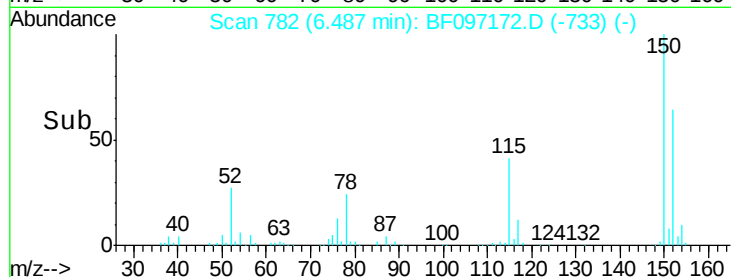
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF097172.D
 Acq: 28 Jul 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-SS-4

Tot Ion:152 Resp: 106632
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 64.2 52.2 78.2



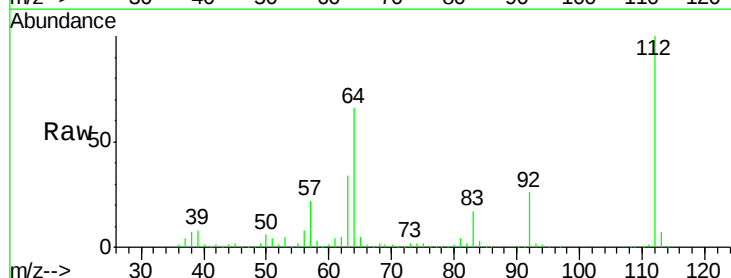
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



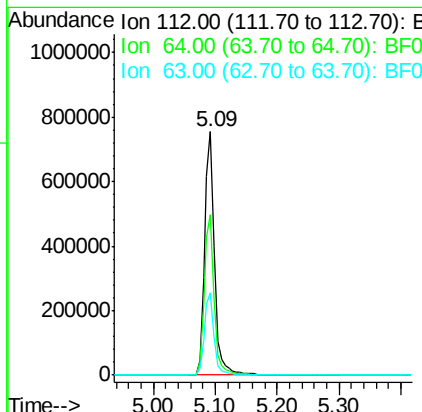
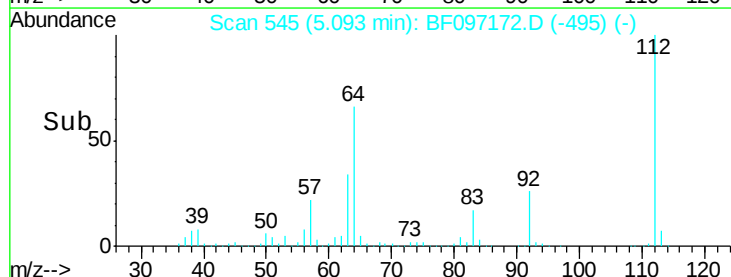
#5

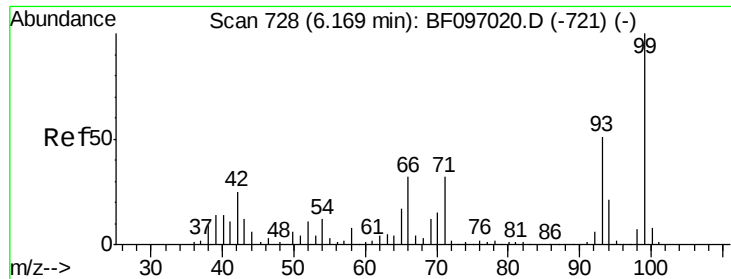
2-Fluorophenol
 Concen: 120.07 ng
 RT: 5.09 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF097172.D
 Acq: 28 Jul 2017 23:46

Tgt Ion:112 Resp: 849313
 Ion Ratio Lower Upper
 112 100
 64 66.0 46.0 69.0
 63 33.9 23.4 35.0



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: 121.28 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

Instrument :

BNA_F

ClientSampled :

TP-12-SS-4

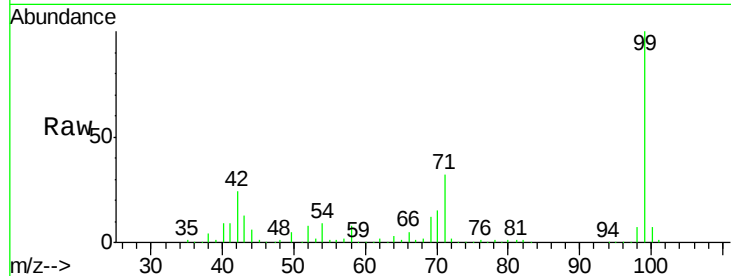
Tot Ion: 99 Resp: 979375

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

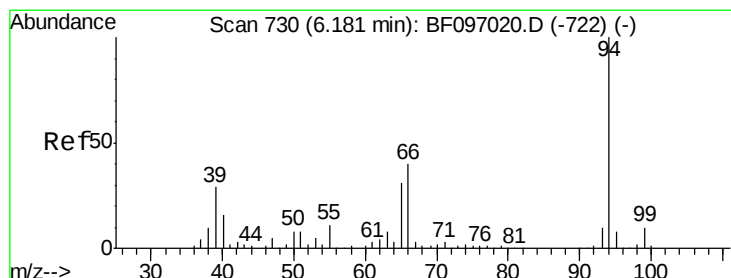
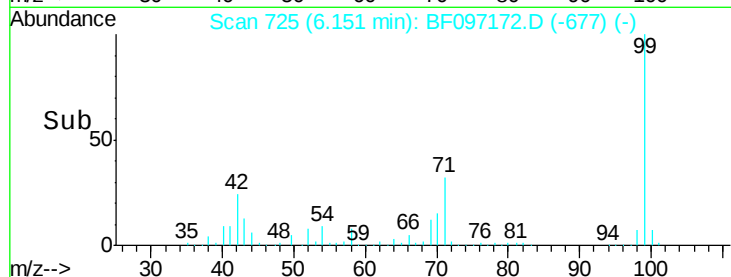
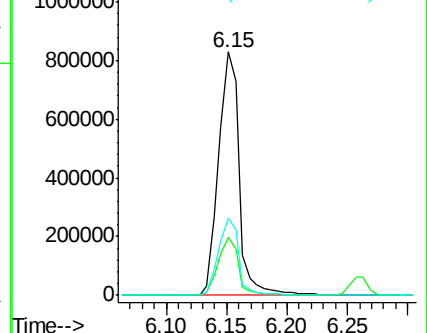
71 31.5 24.5 36.7



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: 2.75 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

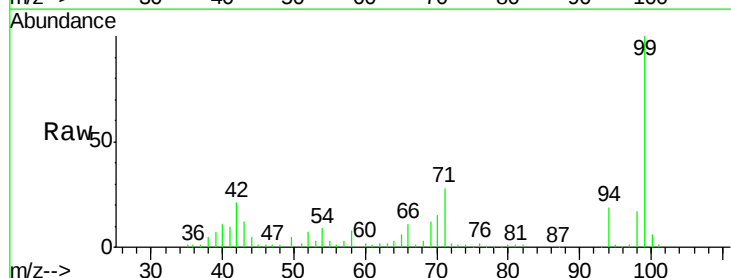
Tgt Ion: 94 Resp: 26331

Ion Ratio Lower Upper

94 100

65 33.0 9.9 49.9

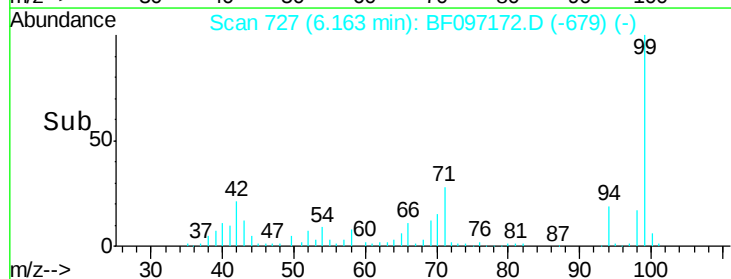
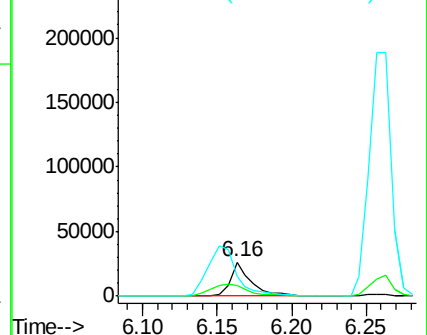
66 57.8 23.1 63.1

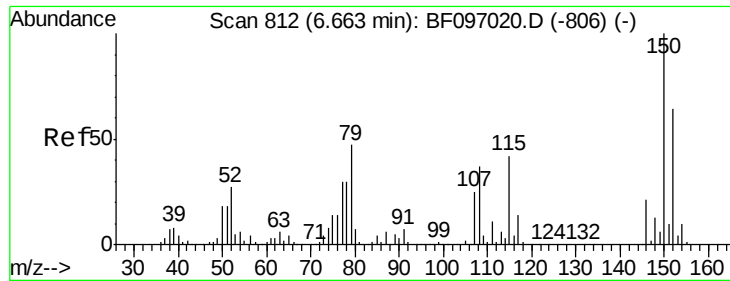


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

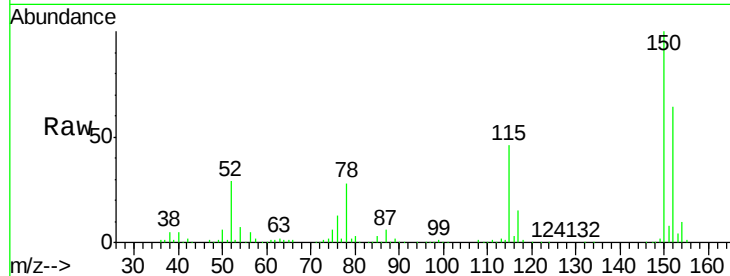




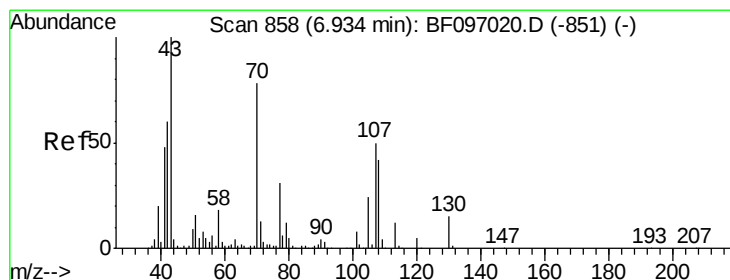
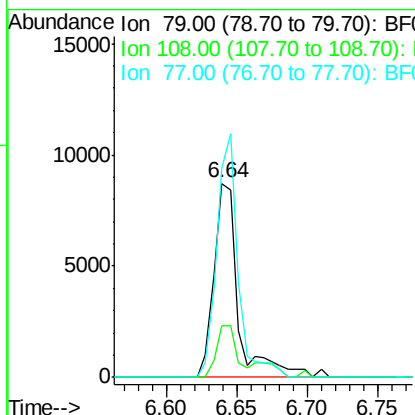
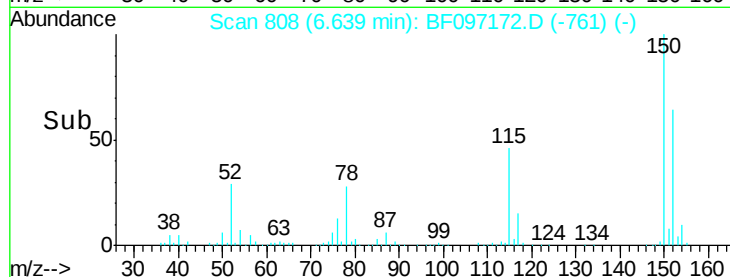
#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 6.64 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF097172.D
Acq: 28 Jul 2017 23:46

Instrument :
BNA_F
ClientSampleId :
TP-12-SS-4

Tot Ion: 79 Resp: 10570
Ion Ratio Lower Upper
79 100
108 26.6 63.4 95.0#
77 107.9 49.2 73.8#

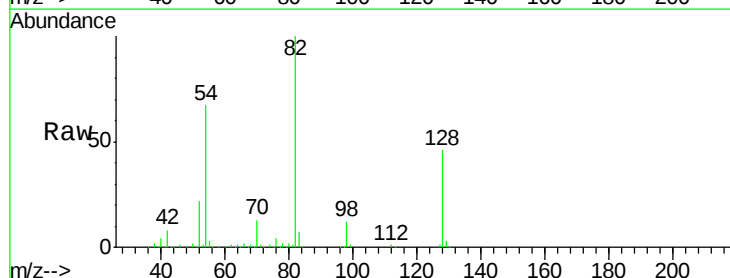


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

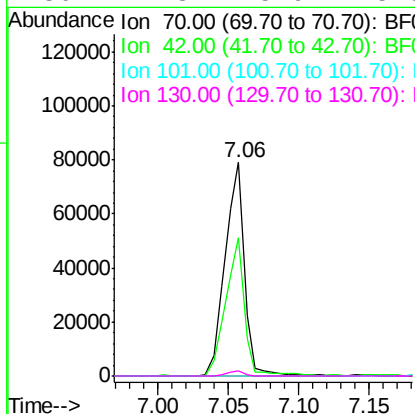
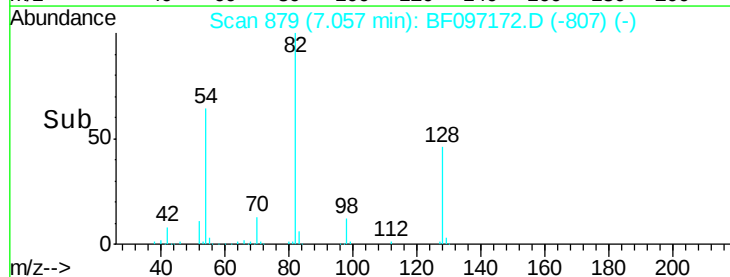


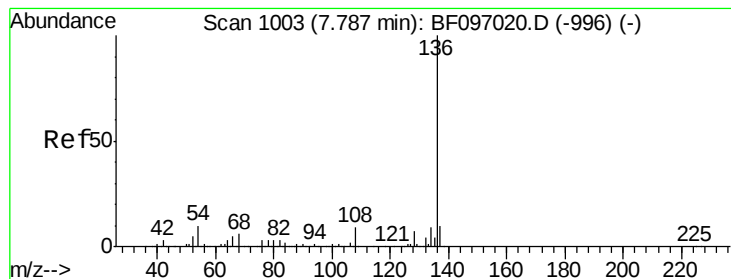
#19
n-Nitroso-di-n-propylamine
Concen: 14.21 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097172.D
Acq: 28 Jul 2017 23:46

Tgt Ion: 70 Resp: 75546
Ion Ratio Lower Upper
70 100
42 64.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

Instrument :

BNA_F

ClientSampleId :

TP-12-SS-4

Tot Ion:136 Resp: 461460

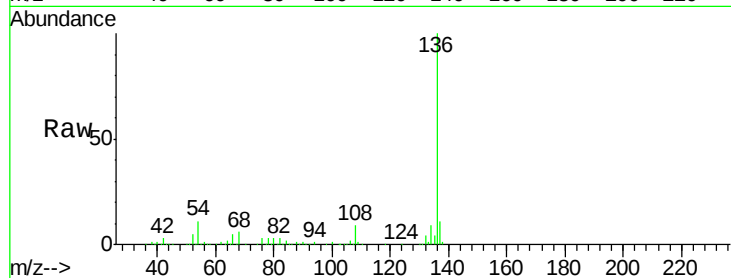
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.0 4.9 7.3#

68 5.8 4.1 6.1

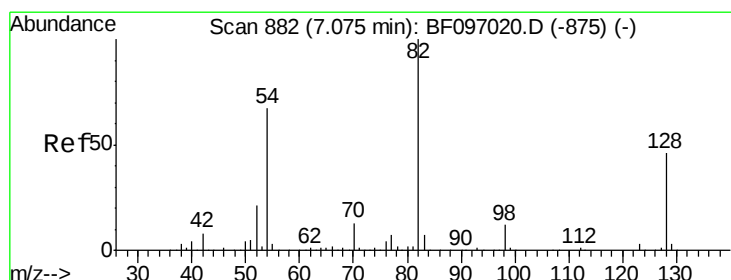
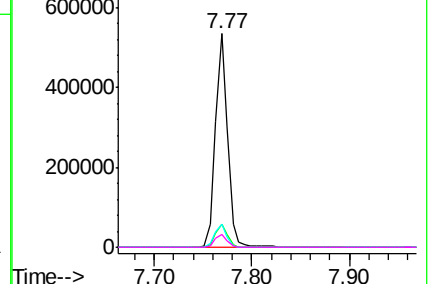
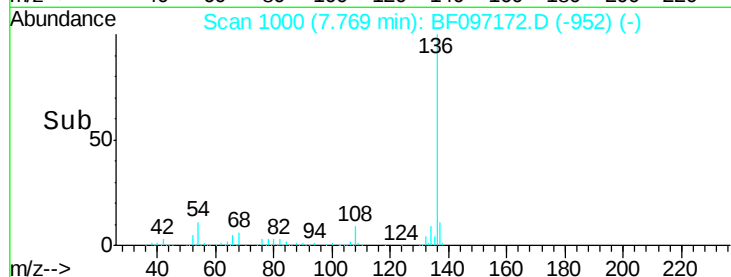


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 72.10 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

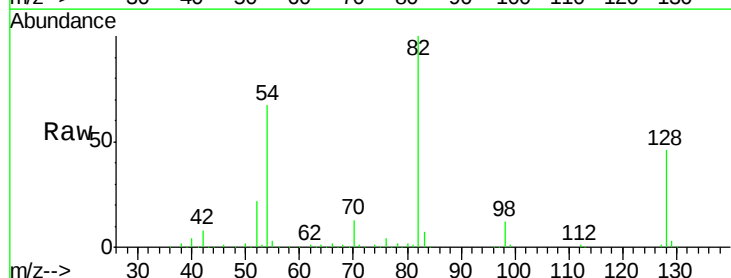
Tgt Ion: 82 Resp: 567135

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

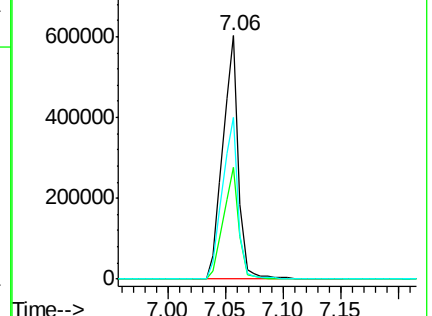
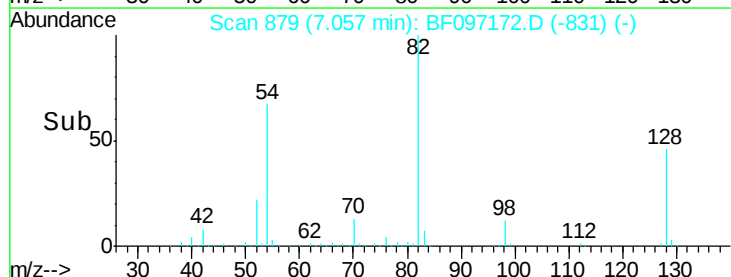
54 66.5 42.2 63.2#

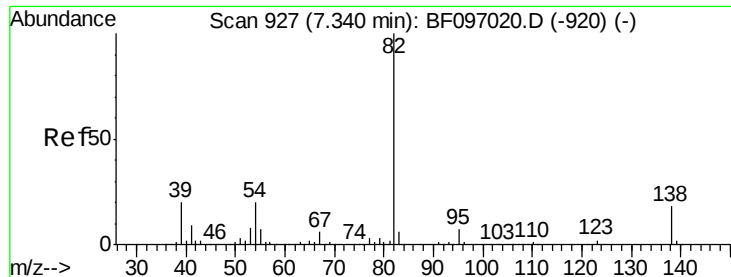


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

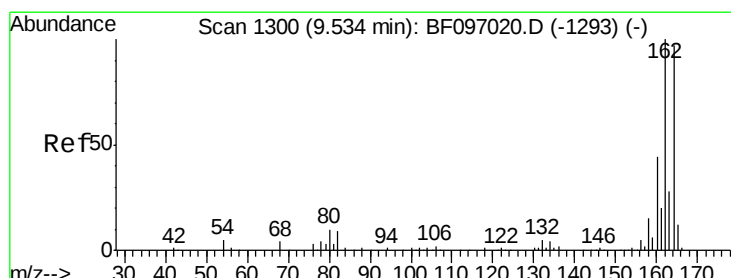
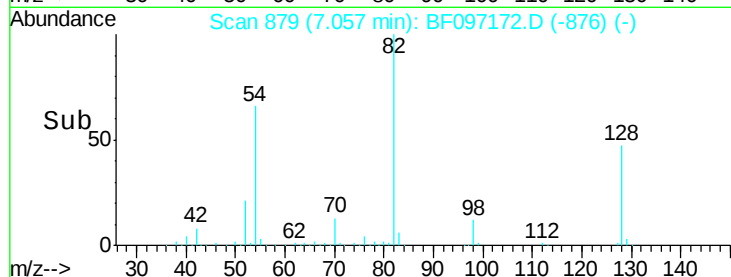
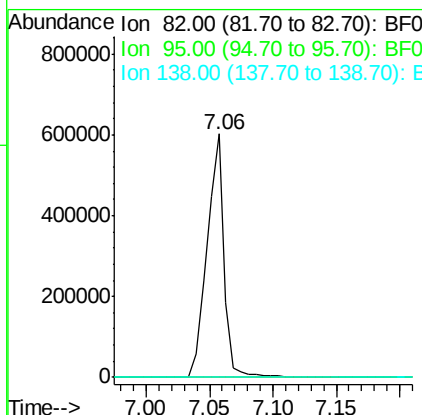
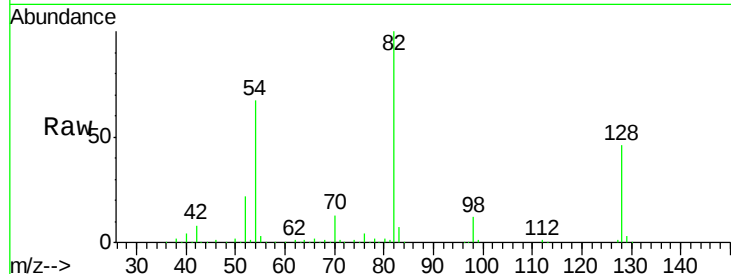




#25
Isophorone
Concen: 36.45 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097172.D
Acq: 28 Jul 2017 23:46

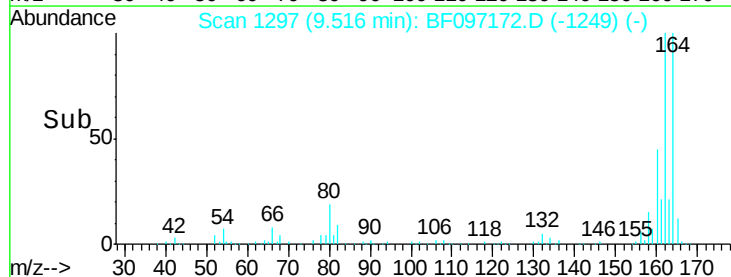
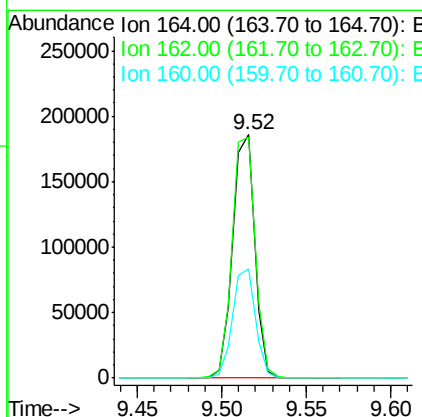
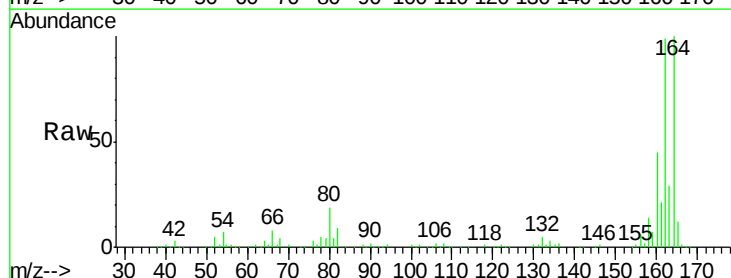
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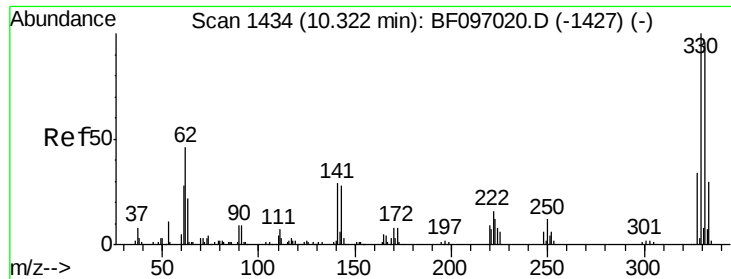
Tot Ion: 82 Resp: 561447
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097172.D
Acq: 28 Jul 2017 23:46

Tgt Ion: 164 Resp: 168645
Ion Ratio Lower Upper
164 100
162 99.1 82.6 123.8
160 45.1 36.2 54.2

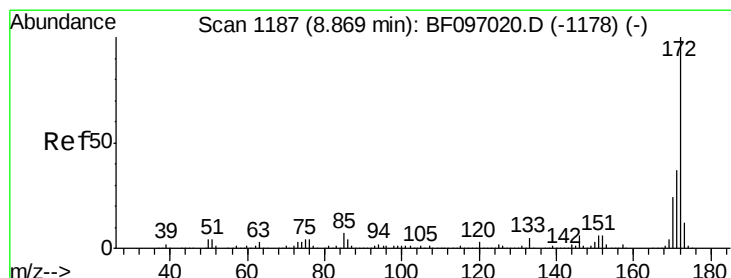
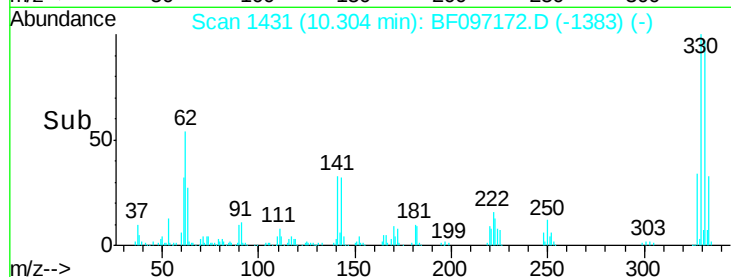
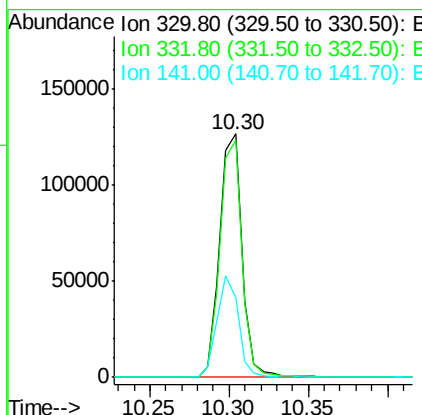
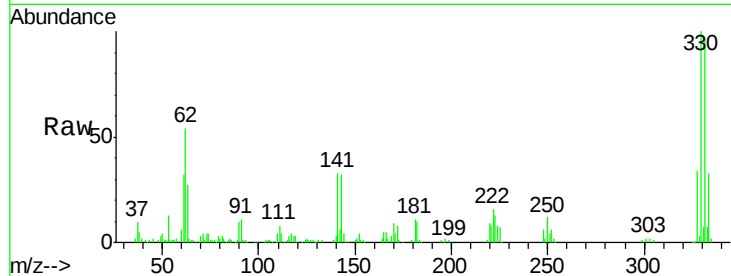




#41
 2,4,6-Tribromophenol
 Concen: 93.55 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097172.D
 Acq: 28 Jul 2017 23:46

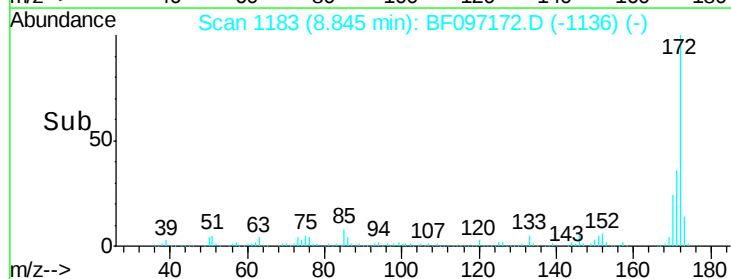
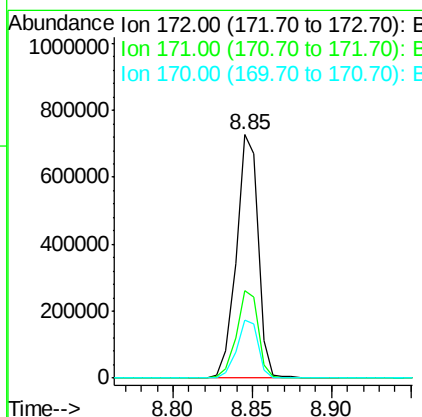
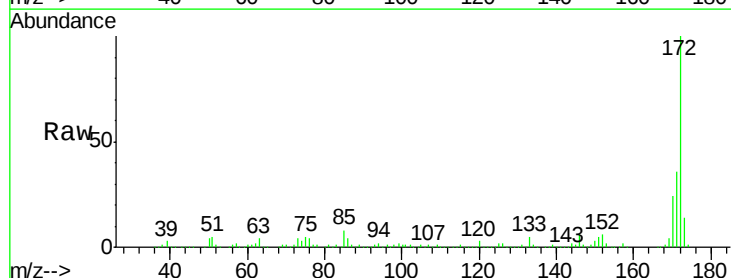
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-SS-4

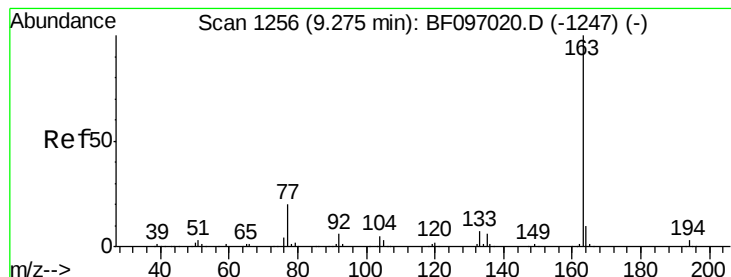
Tot Ion	330	Resp	124658
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.6	115.0
141	40.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 69.90 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097172.D
 Acq: 28 Jul 2017 23:46

Tgt Ion	172	Resp	694572
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	23.7	19.8	29.8





#49

Dimethylphthalate

Concen: 12.96 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

Instrument :

BNA_F

ClientSampled :

TP-12-SS-4

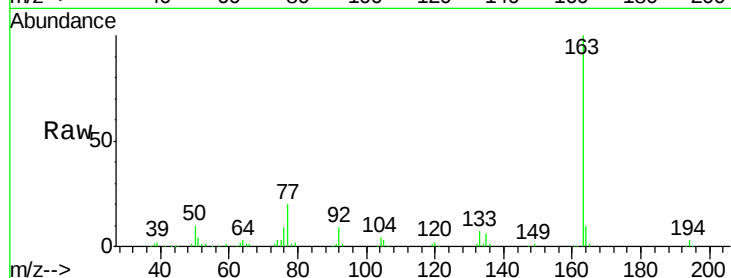
Tot Ion:163 Resp: 166014

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

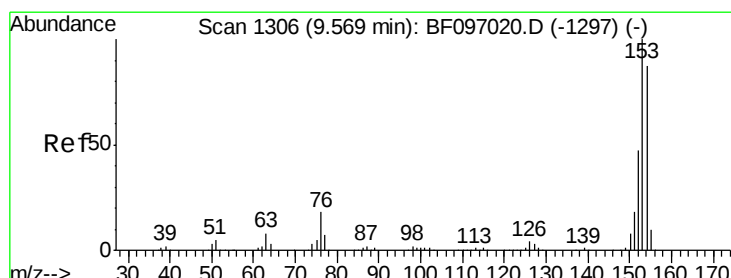
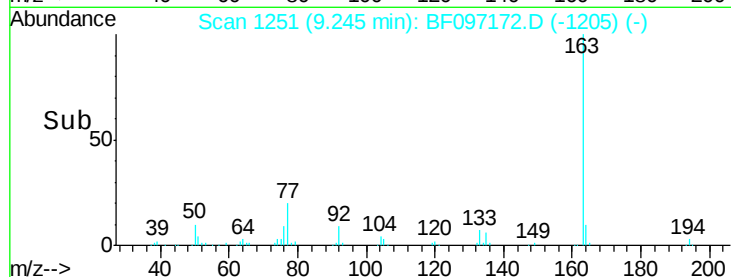
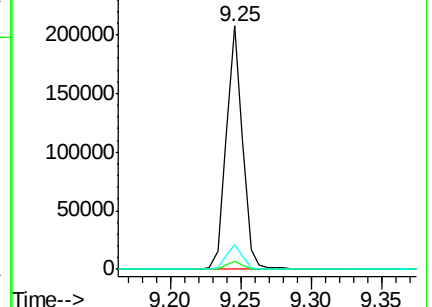
164 10.2 8.4 12.6



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: 10.45 ng

RT: 9.55 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

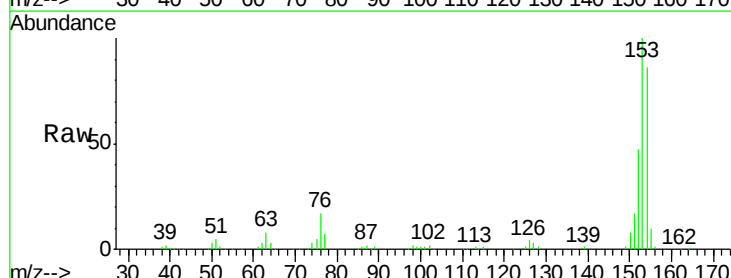
Tgt Ion:154 Resp: 100198

Ion Ratio Lower Upper

154 100

153 115.7 90.5 135.7

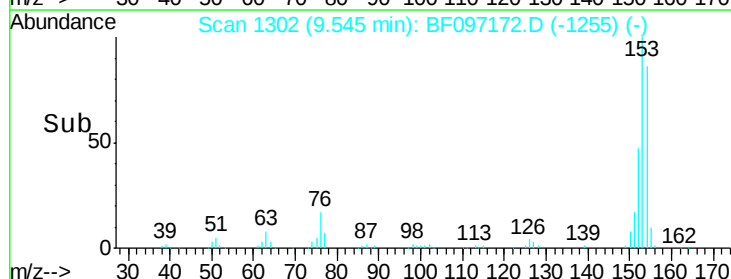
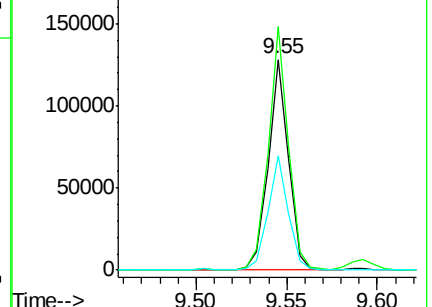
152 54.5 43.6 65.4

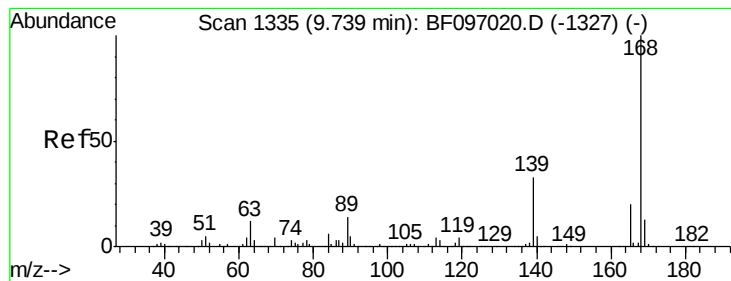


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 4.22 ng

RT: 9.72 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

Instrument :

BNA_F

ClientSampleId :

TP-12-SS-4

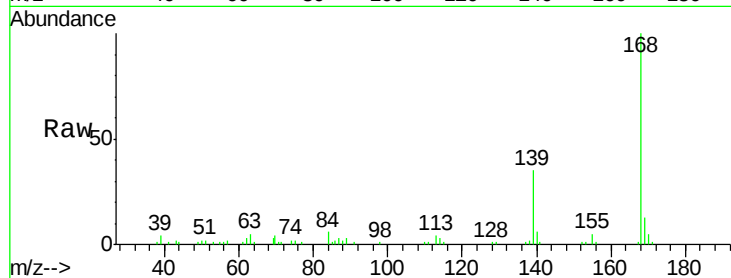
Tot Ion:168 Resp: 53840

Ion Ratio Lower Upper

168 100

139 34.9 30.6 45.8

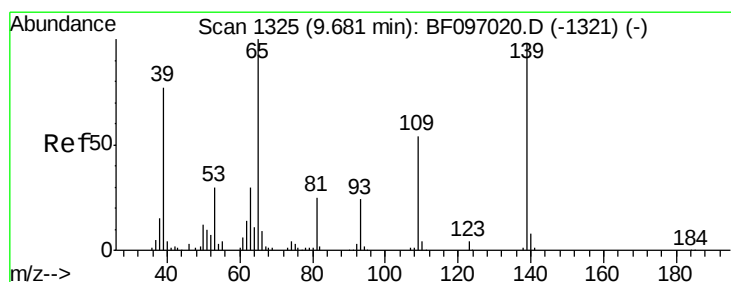
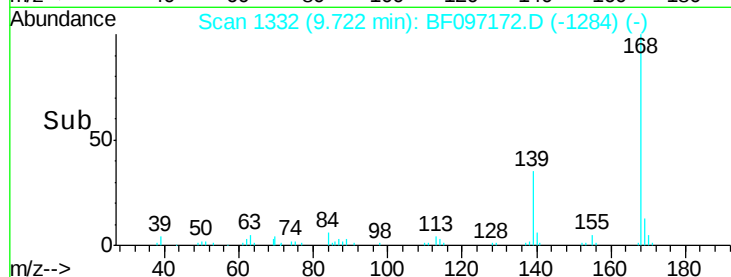
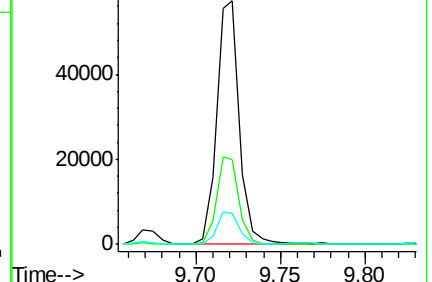
169 13.0 10.8 16.2



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: 9.39 ng

RT: 9.72 min Scan# 1331

Delta R.T. 0.04 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

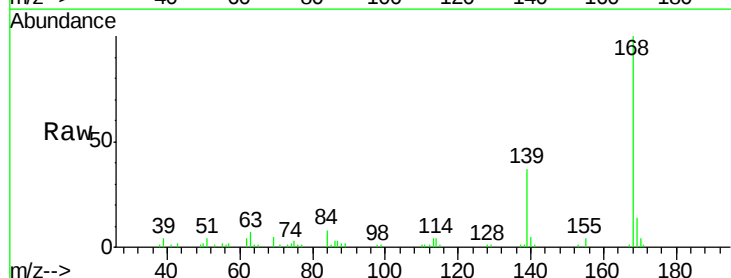
Tgt Ion:139 Resp: 18820

Ion Ratio Lower Upper

139 100

109 0.0 34.1 74.1#

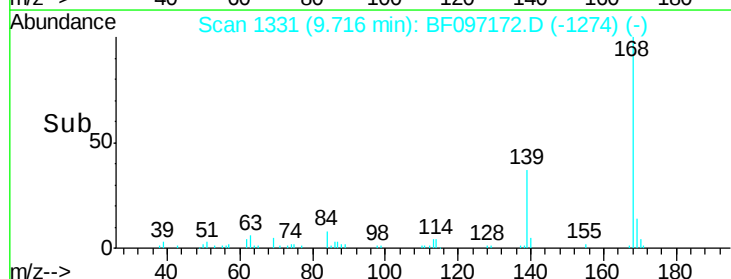
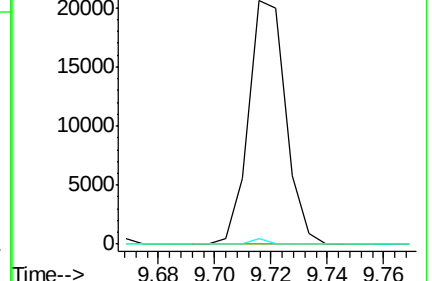
65 2.2 31.4 71.4#

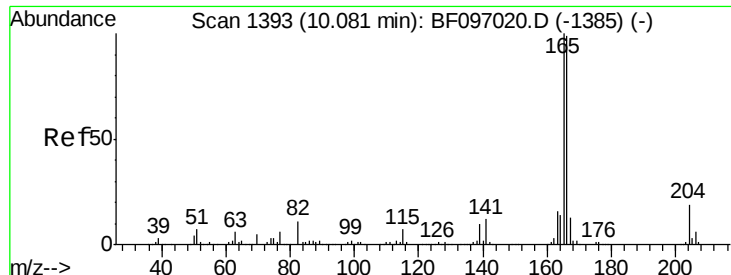


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 7.94 ng

RT: 10.06 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

Instrument :

BNA_F

ClientSampleId :

TP-12-SS-4

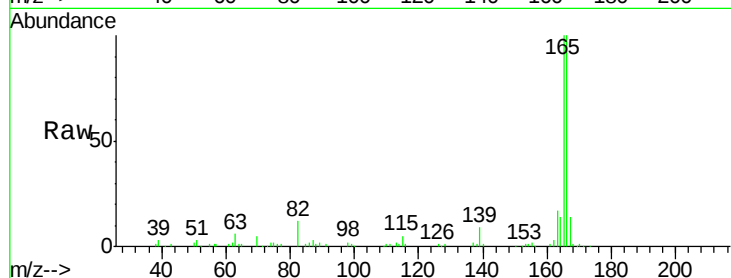
Tot Ion:166 Resp: 76168

Ion Ratio Lower Upper

166 100

165 100.1 78.8 118.2

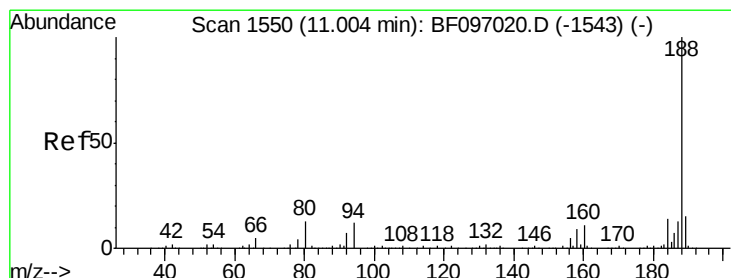
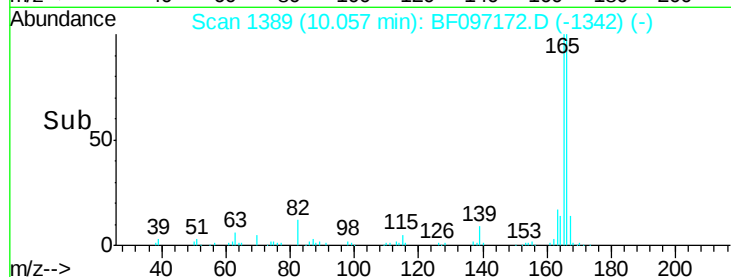
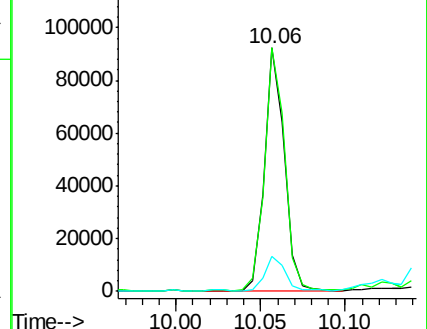
167 14.3 10.6 16.0



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: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

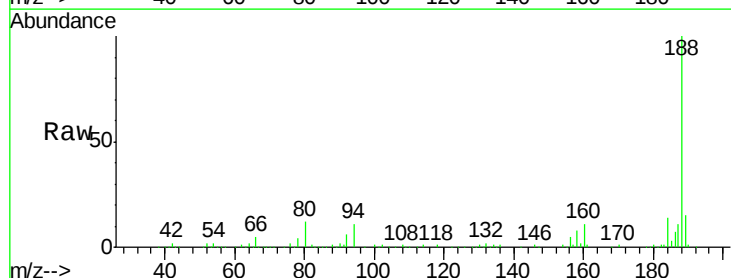
Tgt Ion:188 Resp: 207574

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

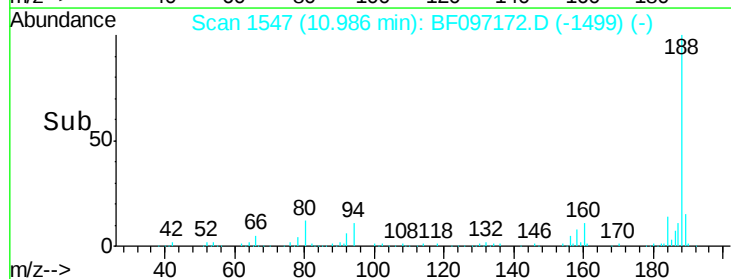
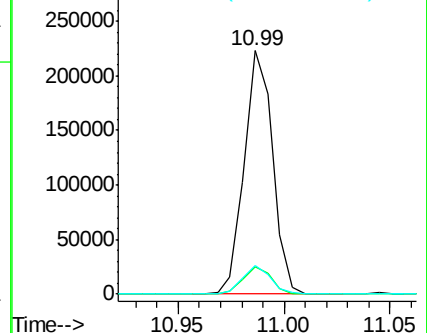
80 11.9 10.2 15.2

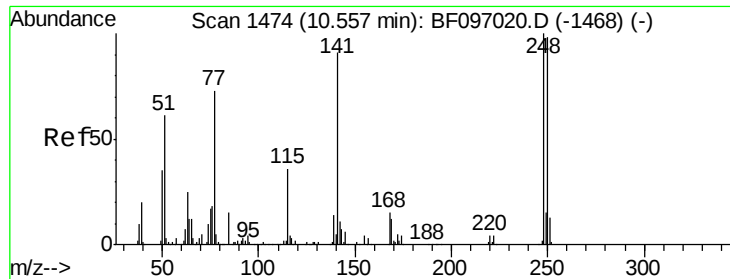


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

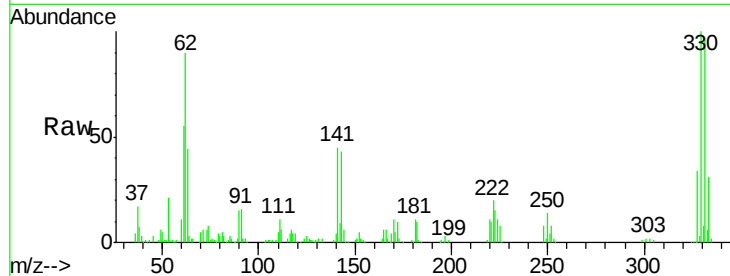




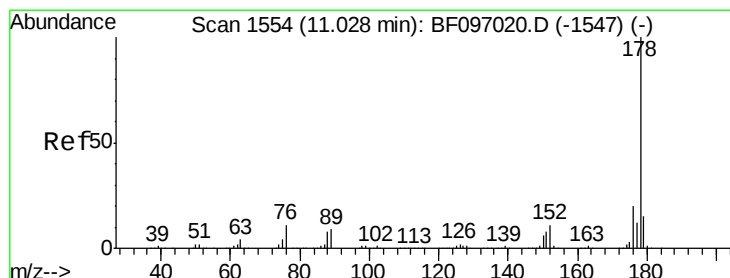
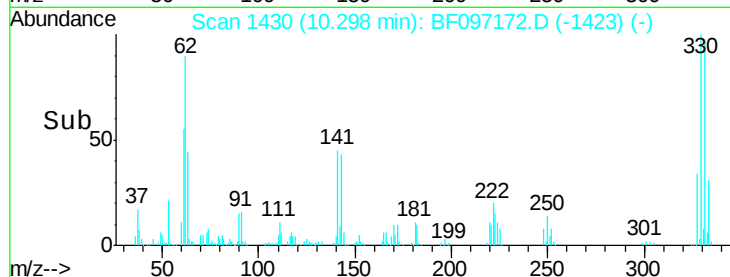
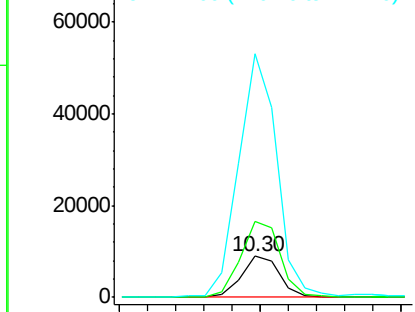
#66
 4-Bromophenyl-phenylether
 Concen: 4.05 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.26 min
 Lab File: BF097172.D
 Acq: 28 Jul 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-SS-4

Tot Ion:248 Resp: 8384
 Ion Ratio Lower Upper
 248 100
 250 186.9 76.8 115.2#
 141 596.4 68.6 103.0#

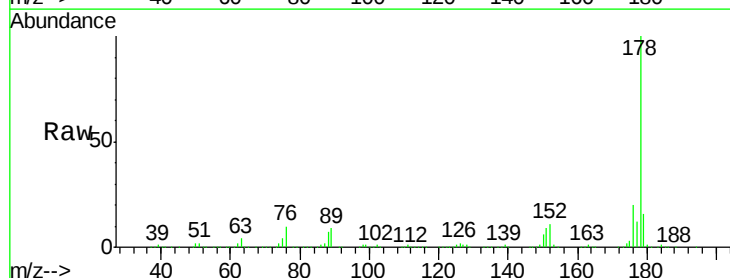


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

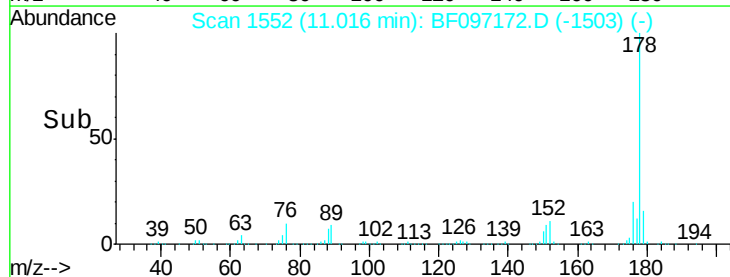
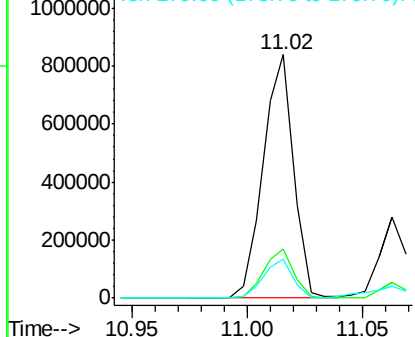


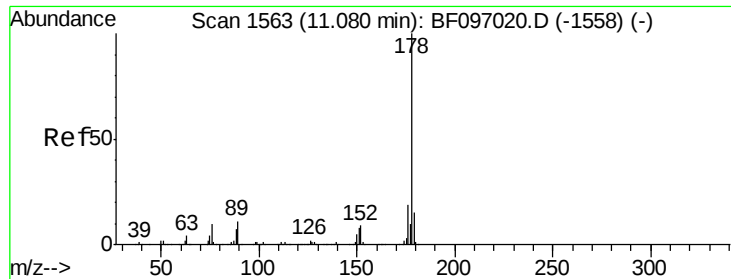
#70
 Phenanthrene
 Concen: 69.14 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF097172.D
 Acq: 28 Jul 2017 23:46

Tgt Ion:178 Resp: 768921
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.7 12.6 19.0



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

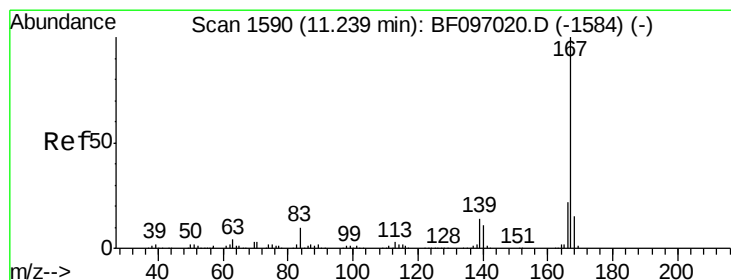
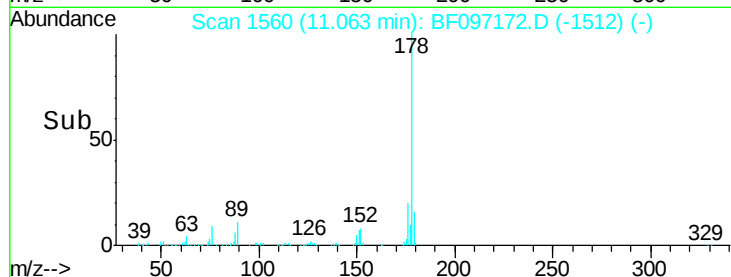
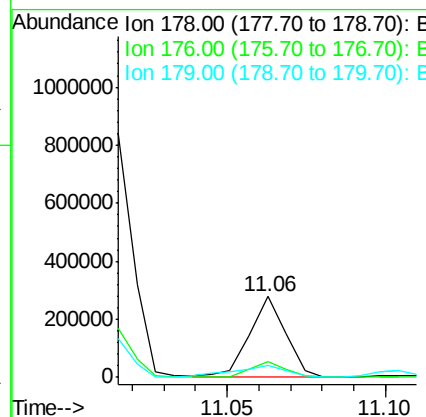
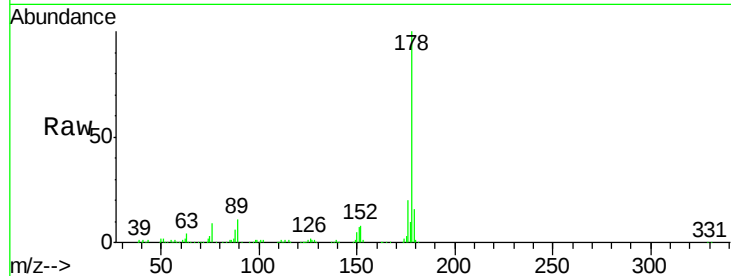




#71
 Anthracene
 Concen: 19.39 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BF097172.D
 Acq: 28 Jul 2017 23:46

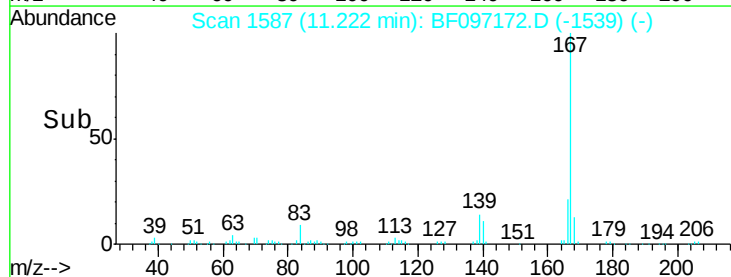
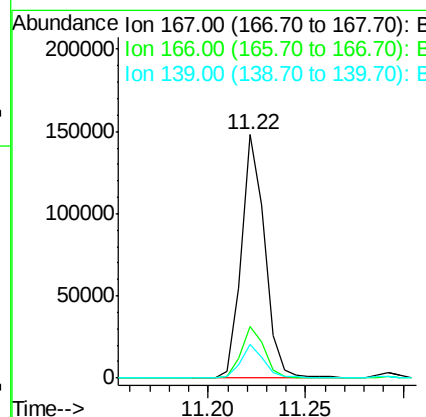
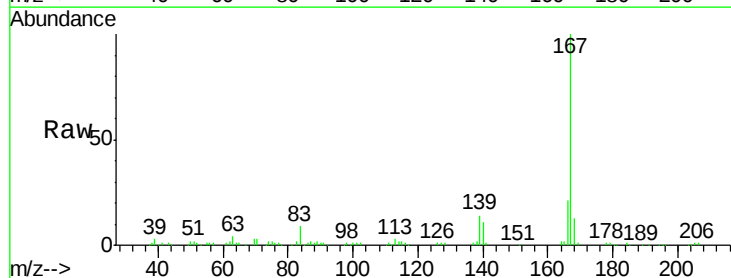
Instrument :
 BNA_F
 ClientSampled :
 TP-12-SS-4

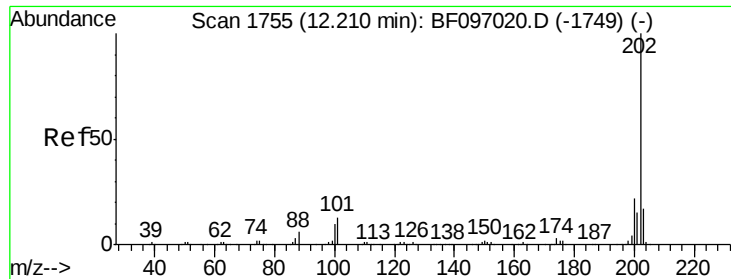
Tot Ion:178 Resp: 220913
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 10.97 ng
 RT: 11.22 min Scan# 1587
 Delta R.T. -0.02 min
 Lab File: BF097172.D
 Acq: 28 Jul 2017 23:46

Tgt Ion:167 Resp: 122924
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.1 27.1
 139 13.6 11.7 17.5





#74

Fluoranthene

Concen: 84.26 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

Instrument :

BNA_F

ClientSampleId :

TP-12-SS-4

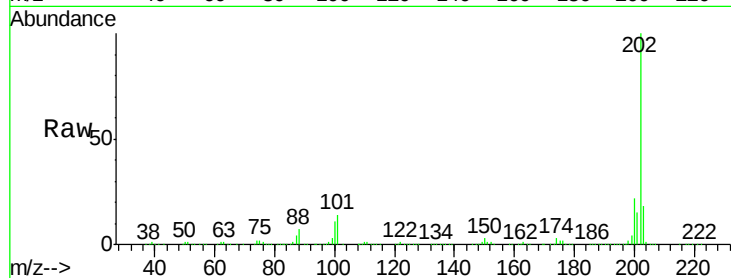
Tot Ion:202 Resp: 918106

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

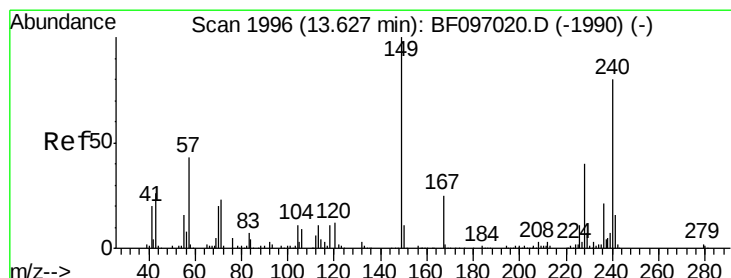
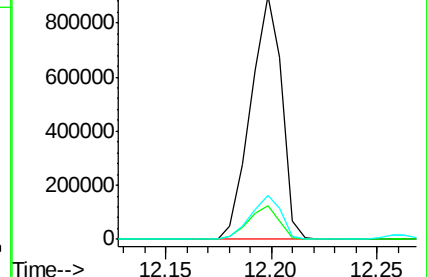
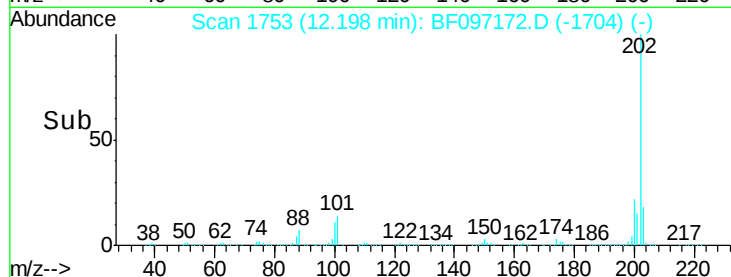
203 17.8 0.0 38.1



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: 13.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

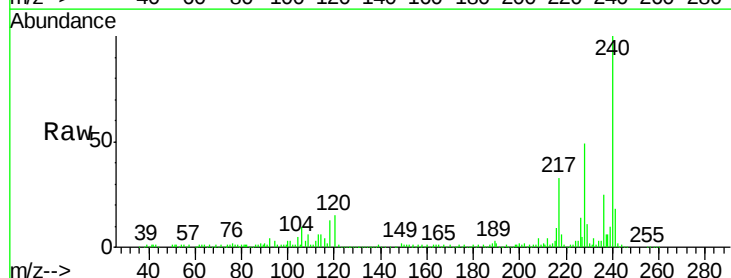
Tgt Ion:240 Resp: 188854

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

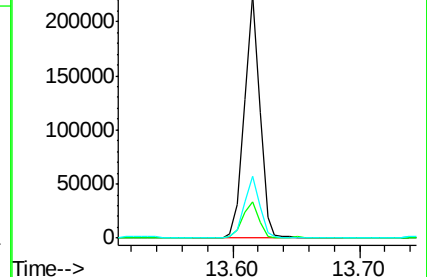
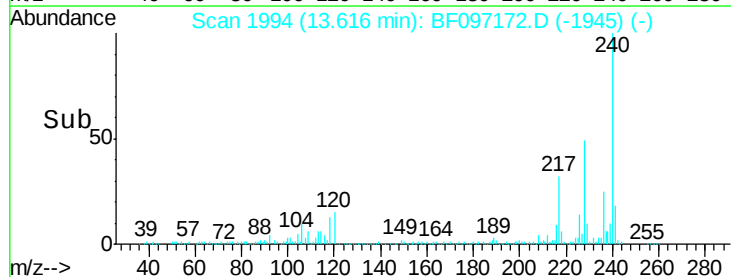
236 25.3 20.5 30.7

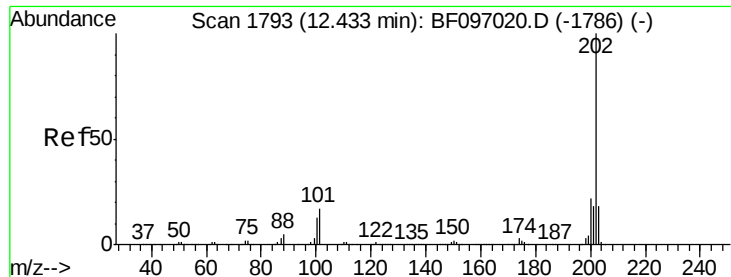


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 50.24 ng

RT: 12.42 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

Instrument :

BNA_F

ClientSampleId :

TP-12-SS-4

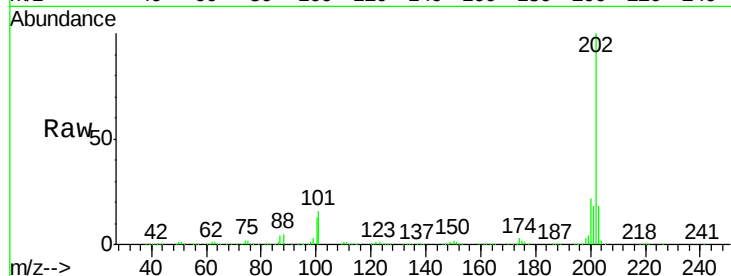
Tot Ion:202 Resp: 776796

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

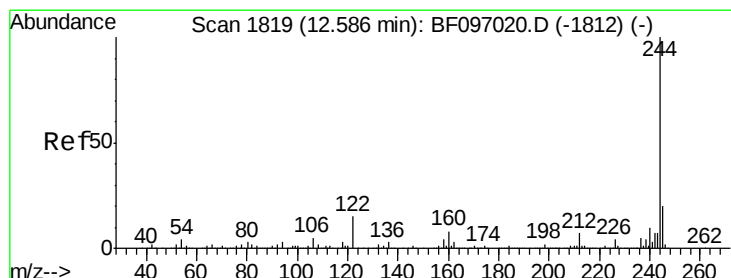
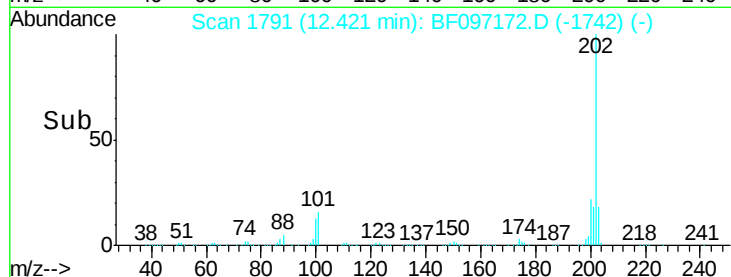
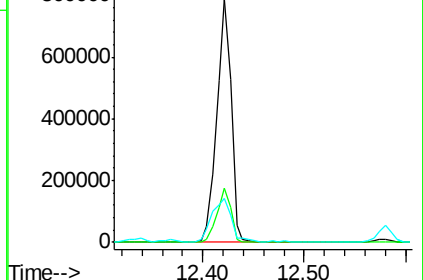
203 17.9 14.4 21.6



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: 42.10 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

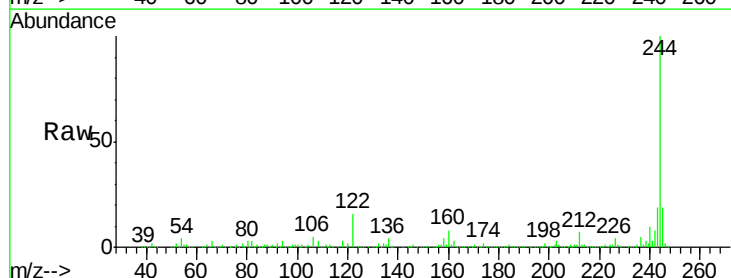
Tgt Ion:244 Resp: 389950

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

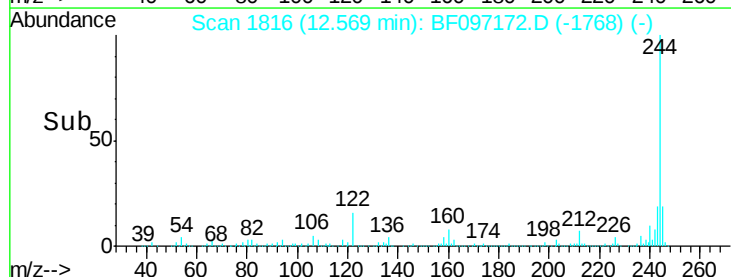
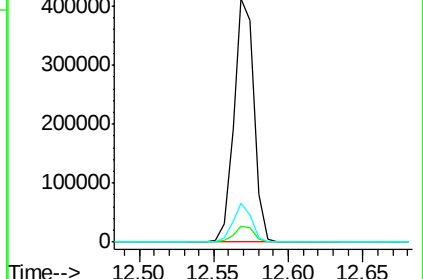
122 15.7 10.3 15.5#

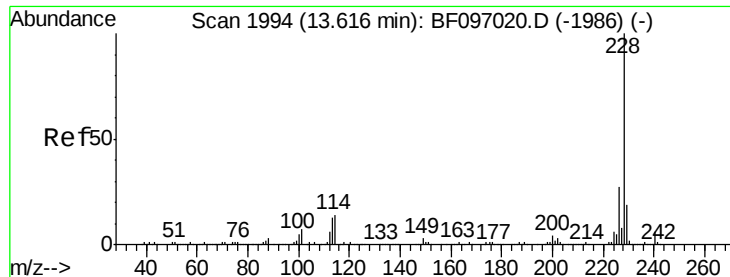


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 39.53 ng

RT: 13.60 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

Instrument :

BNA_F

ClientSampleId :

TP-12-SS-4

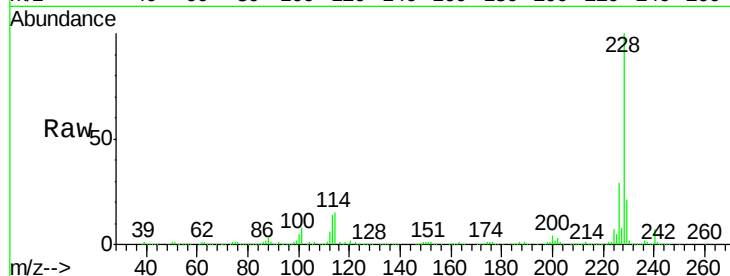
Tot Ion:228 Resp: 483041

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

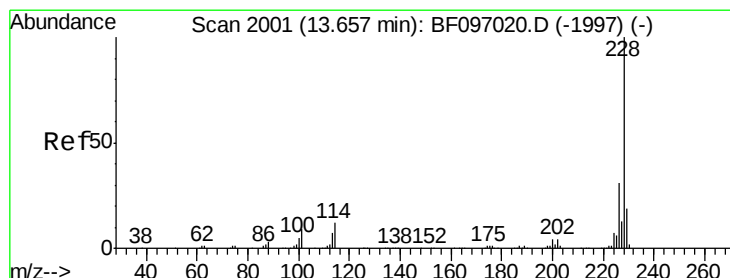
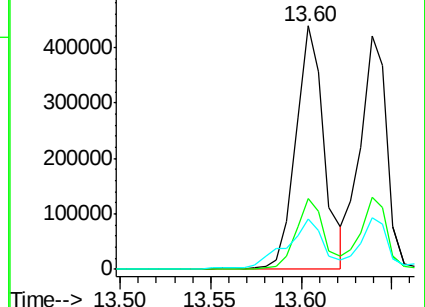
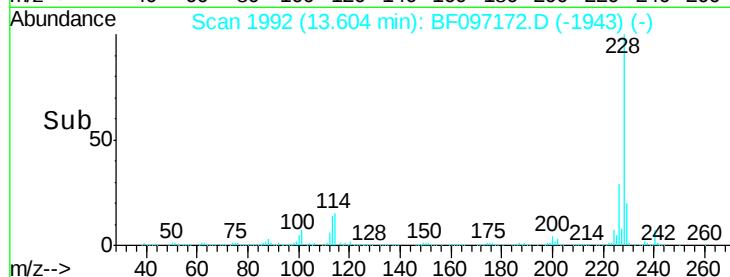
229 20.6 16.3 24.5



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: 36.16 ng

RT: 13.64 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

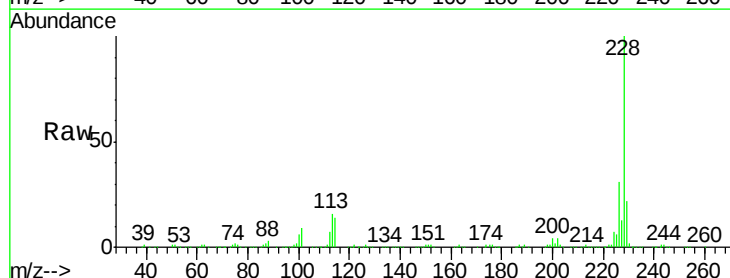
Tgt Ion:228 Resp: 431503

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

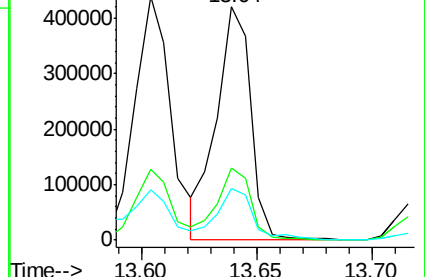
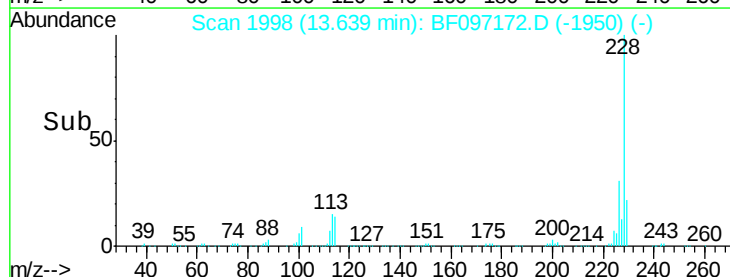
229 22.1 15.8 23.6

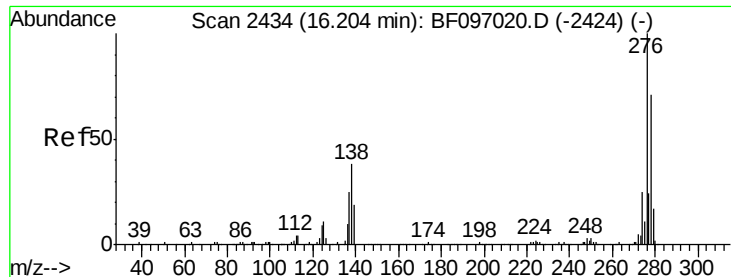


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 15.85 ng

RT: 16.18 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

Instrument :

BNA_F

ClientSampleId :

TP-12-SS-4

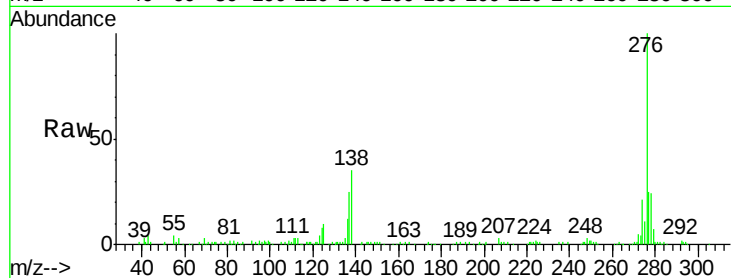
Tot Ion:276 Resp: 162165

Ion Ratio Lower Upper

276 100

138 32.8 27.8 41.6

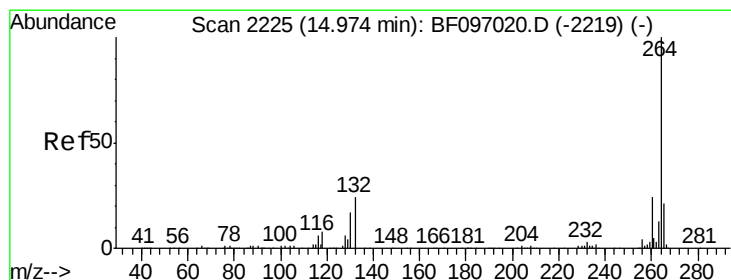
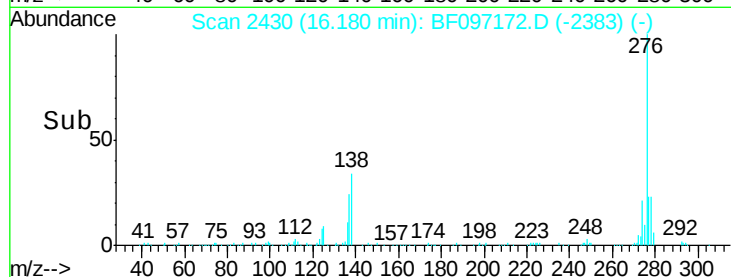
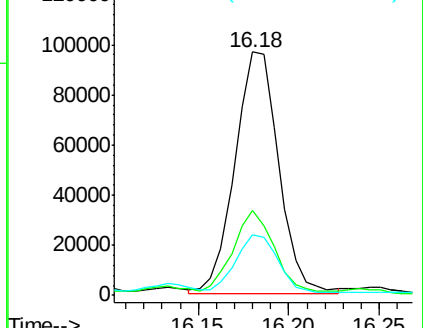
277 23.2 20.2 30.4



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: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

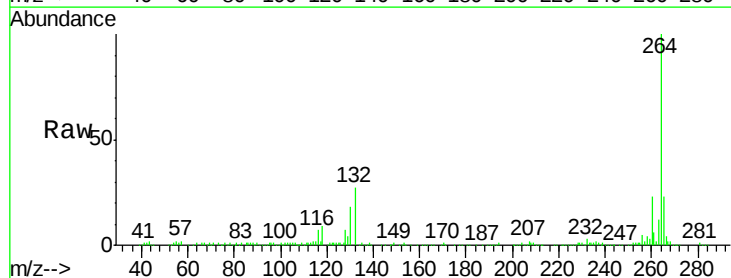
Tgt Ion:264 Resp: 167811

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

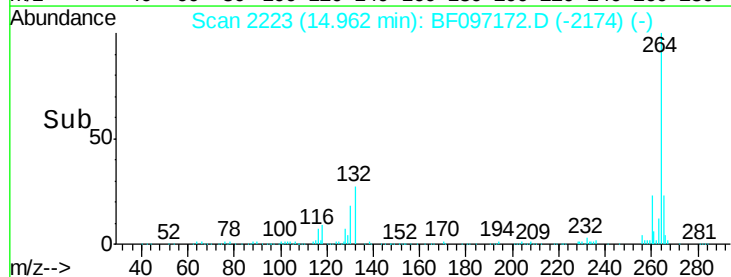
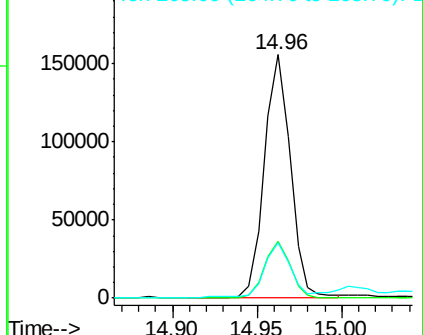
265 22.9 17.2 25.8

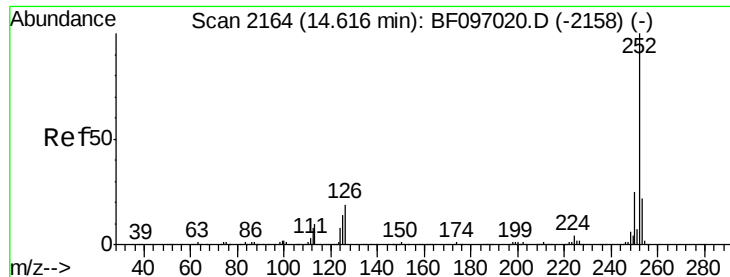


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 64.10 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

Instrument :

BNA_F

ClientSampleId :

TP-12-SS-4

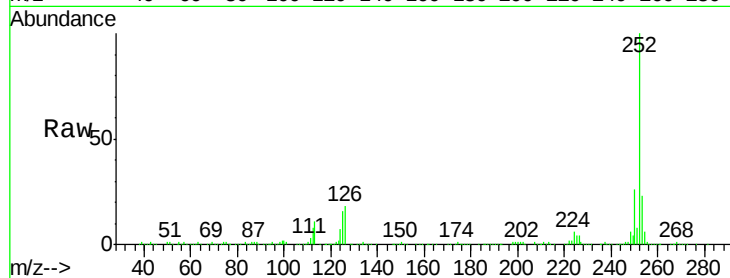
Tot Ion:252 Resp: 646654

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

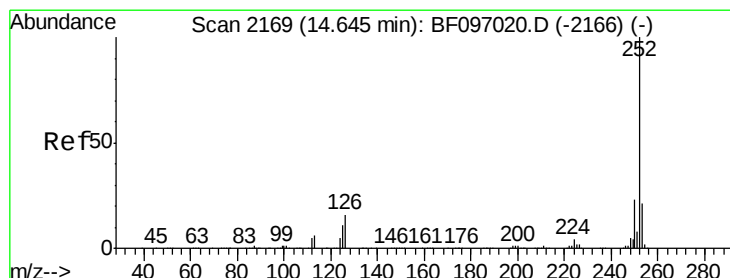
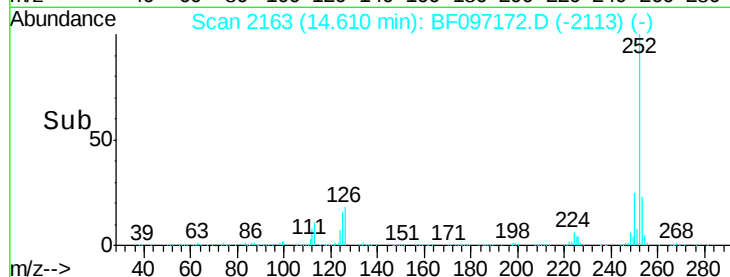
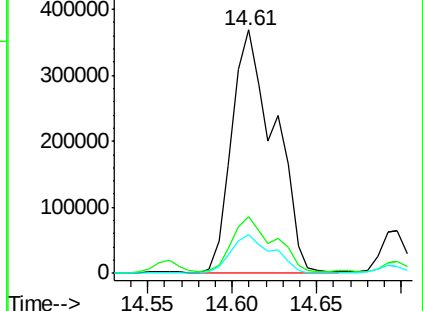
125 16.0 9.8 14.8#



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: 67.27 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.04 min

Lab File: BF097172.D

Acq: 28 Jul 2017 23:46

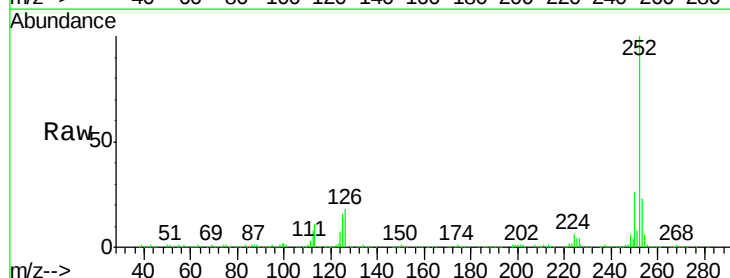
Tgt Ion:252 Resp: 646654

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

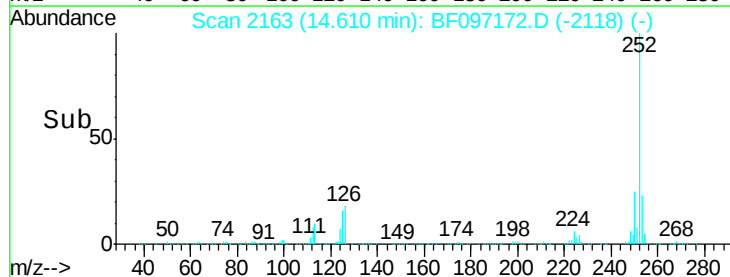
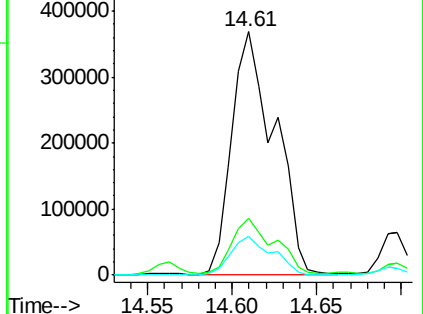
125 16.0 13.1 19.7

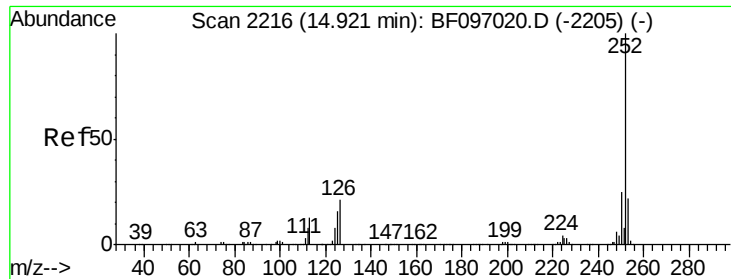


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

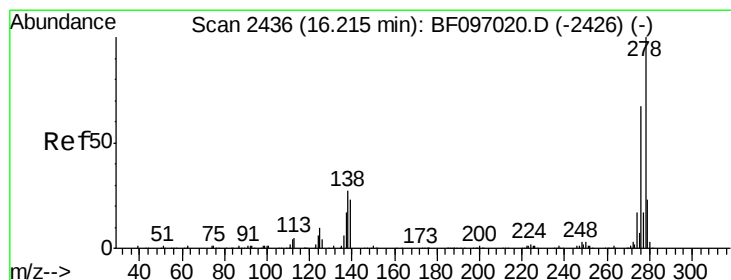
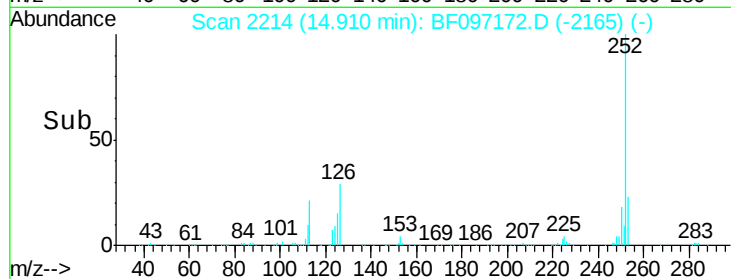
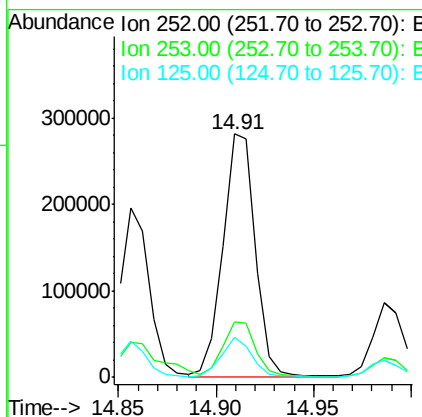
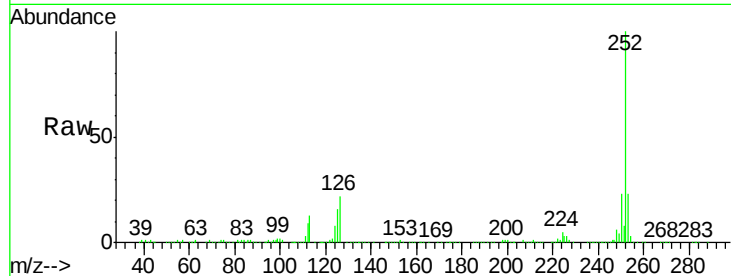




#89
Benzo(a)pyrene
Concen: 34.91 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097172.D
Acq: 28 Jul 2017 23:46

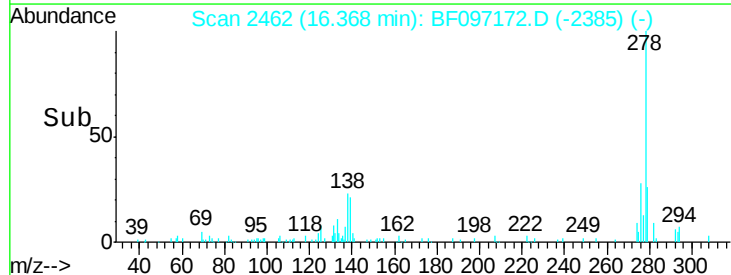
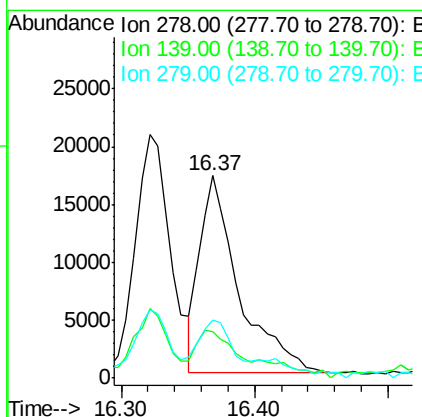
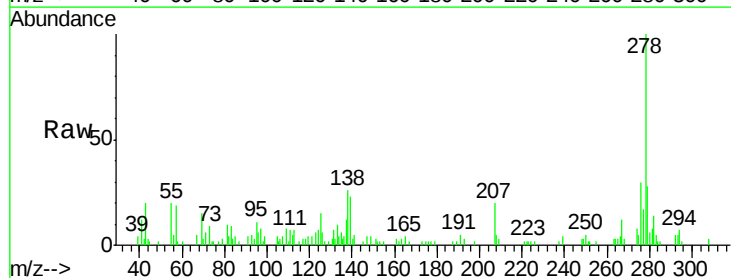
Instrument :
BNA_F
ClientSampleId :
TP-12-SS-4

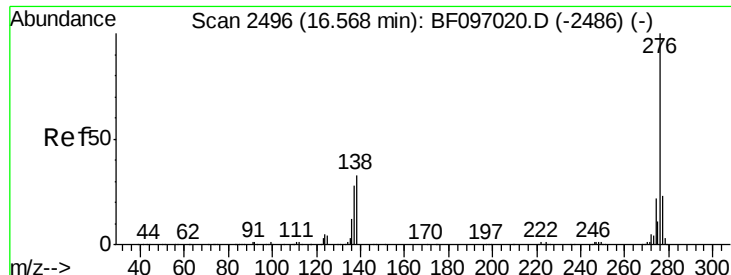
Tot Ion:252 Resp: 322288
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 16.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 4.59 ng
RT: 16.37 min Scan# 2462
Delta R.T. 0.15 min
Lab File: BF097172.D
Acq: 28 Jul 2017 23:46

Tgt Ion:278 Resp: 34763
Ion Ratio Lower Upper
278 100
139 22.7 16.6 24.8
279 28.4 19.3 28.9

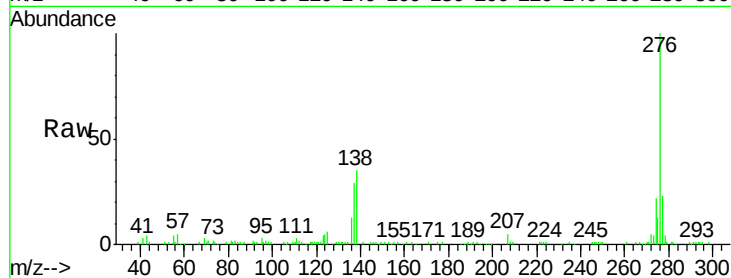




#91
 Benzo(a,h,i)perylene
 Concen: 16.81 ng
 RT: 16.54 min Scan# 2492
 Delta R.T. -0.02 min
 Lab File: BF097172.D
 Acq: 28 Jul 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-SS-4

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	34.5	25.4	38.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

